

Attachment 8
PSE&G Formula Rate for January 1, 2022 to December 31, 2022

Public Service Electric and Gas Company

ATTACHMENT H-10A

12 Months Ended
12/31/2022

Formula Rate -- Appendix A

Notes

FERC Form 1 Page # or Instruction

Shaded cells are input cells

Allocators

Wages & Salary Allocation Factor			
1	Transmission Wages Expense	(Note O)	Attachment 5 38,289,490
2	Total Wages Expense	(Note O)	Attachment 5 188,930,905
3	Less: A&G Wages Expense	(Note O)	Attachment 5 6,600,000
4	Total Wages Less A&G Wages Expense		(Line 2 - Line 3) 182,330,905
5	Wages & Salary Allocator		(Line 1 / Line 4) 21.0000%
Plant Allocation Factors			
6	Electric Plant in Service	(Note B)	Attachment 5 27,137,402,663
7	Common Plant in Service - Electric		(Line 27) 384,735,465
8	Total Plant in Service		(Line 6 + 7) 27,522,138,128
9	Accumulated Depreciation (Total Electric Plant)	(Note B & J)	Attachment 5 5,010,508,756
10	Accumulated Intangible Amortization - Electric	(Note B)	Attachment 5 8,483,248
11	Accumulated Common Plant Depreciation - Electric	(Note B & J)	Attachment 5 56,967,832
12	Accumulated Common Amortization - Electric	(Note B)	Attachment 5 78,919,245
13	Total Accumulated Depreciation		(Line 9 + Line 10 + Line 11 + Line 12) 5,154,879,080
14	Net Plant		(Line 8 - Line 13) 22,367,259,048
15	Transmission Gross Plant		(Line 36) 16,024,634,308
16	Gross Plant Allocator		(Line 15 / Line 8) 58.2245%
17	Transmission Net Plant		(Line 48) 14,229,138,199
18	Net Plant Allocator		(Line 17 / Line 14) 63.6159%
O&M Allocation Factor			
19	Transmission O&M Expense	(Note O)	(Line 68) 135,000,000
20	Distribution O&M Expense	(Note O)	Attachment 5 656,644,921
21	Total Distribution and Transmission O&M Expense		(Line 19 + Line 20) 791,644,921
22	Transmission O&M Allocator		(Line 19 / Line 21) 17.0531%
23	Multi-Factor A&G Expense Allocator		((Line 5 + Line 16 + Line 22) / 3) 32.0925%

Plant Calculations

Plant In Service			
24	Transmission Plant In Service	(Note B)	Attachment 5 15,876,024,297
25	General	(Note B)	Attachment 5 338,089,271
26	Intangible - Electric	(Note B)	Attachment 5 13,941,871
27	Common Plant - Electric	(Note B)	Attachment 5 384,735,465
28	Total General, Intangible & Common Plant		(Line 25 + Line 26 + Line 27) 736,766,607
29	Less: General Plant Account 397 -- Communications	(Note B)	Attachment 5 10,597,361
30	Less: Common Plant Account 397 -- Communications	(Note B)	Attachment 5 47,084,004
31	General and Intangible Excluding Acct. 397		(Line 28 - Line 29 - Line 30) 679,085,241
32	Wage & Salary Allocator		(Line 5) 21.00000%
33	General and Intangible Plant Allocated to Transmission		(Line 31 * Line 32) 142,607,900
34	Account No. 397 Directly Assigned to Transmission	(Note B)	Attachment 5 6,002,111
35	Total General and Intangible Functionalized to Transmission		(Line 33 + Line 34) 148,610,011
36	Total Plant In Rate Base		(Line 24 + Line 35) 16,024,634,308
Accumulated Depreciation			
37	Transmission Accumulated Depreciation	(Note B & J)	Attachment 5 1,732,525,948
38	Accumulated General Depreciation	(Note B & J)	Attachment 5 159,293,689
39	Accumulated Common Plant Depreciation & Amortization - Electric	(Note B & J)	Attachment 5 131,698,523
40	Less: Amount of General Depreciation Associated with Acct. 397	(Note B & J)	Attachment 5 28,740,173
41	Balance of Accumulated General Depreciation		(Line 38 + Line 39 - Line 40) 262,252,039
42	Accumulated Intangible Amortization - Electric	(Note B)	(Line 10) 8,483,248
43	Accumulated General and Intangible Depreciation Ex. Acct. 397		(Line 41 + 42) 270,735,287
44	Wage & Salary Allocator		(Line 5) 21.00000%
45	Subtotal General and Intangible Accum. Depreciation Allocated to Transmission		(Line 43 * Line 44) 56,854,410
46	Accumulated General Depreciation Associated with Acct. 397 Directly Assigned to Transmission	(Note B & J)	Attachment 5 6,115,751
47	Total Accumulated Depreciation		(Lines 37 + 45 + 46) 1,795,496,109
48	Total Net Property, Plant & Equipment		(Line 36 - Line 47) 14,229,138,199

Adjustment To Rate Base

49	Accumulated Deferred Income Taxes				
	ADIT net of FASB 106 and 109	(Note Q)	Attachment 1		-2,115,425,490
	Regulatory Assets and Liabilities				
50	Deficient Deferred Taxes Regulatory Asset (Account 182.3)	enter positive	(Note V)		0
51	Excess Deferred Taxes Regulatory Liability (Account 254)	enter negative	(Note V)		-673,243,586
52	Deficient/Excess Deferred Taxes Regulatory Assets and Liabilities Allocated to Transmission		(Line 50 + 51)		-673,243,586
	CWIP for Incentive Transmission Projects				
53	CWIP Balances for Current Rate Year	(Note B & H)	Attachment 6		0
	Abandoned Transmission Projects				
54	Unamortized Abandoned Transmission Projects	(Note R)	Attachment 5		0
55	Plant Held for Future Use	(Note C & Q)	Attachment 5		21,217,999
	Prepayments				
56	Prepayments	(Note A & Q)	Attachment 5		497,446
	Materials and Supplies				
57	Undistributed Stores Expense	(Note Q)	Attachment 5		0
58	Wage & Salary Allocator		(Line 5)		21.0000%
59	Total Undistributed Stores Expense Allocated to Transmission		(Line 57 * Line 58)		0
60	Transmission Materials & Supplies	(Note Q)	Attachment 5		79,144,458
61	Total Materials & Supplies Allocated to Transmission		(Line 59 + Line 60)		79,144,458
	Unfunded Reserves				
62	Unfunded Reserves	(Note A & Q)	Attachment 5		-13,737,655
	Network Credits				
63	Outstanding Network Credits	(Note N & Q)	Attachment 5		0
64	Total Adjustment to Rate Base		(Lines 49 + 52 + 53 + 54 + 55 + 56 + 61 + 62 - 63)		-2,701,546,828
65	Rate Base		(Line 48 + Line 64)		11,527,591,371
Operations & Maintenance Expense					
	Transmission O&M				
66	Transmission O&M	(Note O)	Attachment 5		135,000,000
67	Less: Transmission of Electricity by Others Account 565	(Note O)	Attachment 5		0
68	Transmission O&M		(Lines 66 - 67)		135,000,000
	Allocated Administrative & General Expenses				
69	Total A&G	(Note O)	Attachment 5		29,710,436
70	Plus: Actual PBOP expense	(Note J)	Attachment 5		-60,018,100
71	Less: Actual PBOP expense	(Note O)	Attachment 5		-60,018,100
72	Less: Property Insurance Account 924	(Note O)	Attachment 5		4,717,880
73	Less: Regulatory Commission Exp Account 928	(Note E & O)	Attachment 5		11,213,000
74	Less: General Advertising Exp Account 930.1	(Note O)	Attachment 5		2,237,971
75	Less: EPRI Dues	(Note D & O)	Attachment 5		0
76	Administrative & General Expenses		Sum (Lines 69 to 70) - Sum (Lines 71 to 75)		11,541,585
77	Multi-Factor A&G Expense Allocator		(Line 23)		32.0925%
78	Administrative & General Expenses Allocated to Transmission		(Line 76 * Line 77)		3,703,988
	Directly Assigned A&G				
79	Regulatory Commission Exp Account 928	(Note G & O)	Attachment 5		500,000
80	General Advertising Exp Account 930.1	(Note K & O)	Attachment 5		0
81	Subtotal - Accounts 928 and 930.1 - Transmission Related		(Line 79 + Line 80)		500,000
82	Property Insurance Account 924		(Line 72)		4,717,880
83	General Advertising Exp Account 930.1	(Note F & O)	Attachment 5		0
84	Total Accounts 928 and 930.1 - General		(Line 82 + Line 83)		4,717,880
85	Net Plant Allocator		(Line 18)		63.6159%
86	A&G Directly Assigned to Transmission		(Line 84 * Line 85)		3,001,323
87	Total Transmission O&M		(Lines 68 + 78 + 81 + 86)		142,205,311
Depreciation & Amortization Expense					
	Depreciation Expense				
88	Transmission Depreciation Expense Including Amortization of Limited Term Plant	(Note J & O)	Attachment 5		331,091,576
89	Amortization of Abandoned Plant Projects	(Note R)	Attachment 5		0
90	General Depreciation Expense Including Amortization of Limited Term Plant	(Note J & O)	Attachment 5		26,481,248
91	Less: Amount of General Depreciation Expense Associated with Acct. 397	(Note J & O)	Attachment 5		5,799,333
92	Balance of General Depreciation Expense		(Line 90 - Line 91)		20,681,915
93	Intangible Amortization	(Note A & O)	Attachment 5		16,389,349
94	Total		(Line 92 + Line 93)		37,071,264
95	Wage & Salary Allocator		(Line 5)		21.00%
96	General Depreciation & Intangible Amortization Allocated to Transmission		(Line 94 * Line 95)		7,784,965
97	General Depreciation Expense for Acct. 397 Directly Assigned to Transmission	(Note J & O)	Attachment 5		600,465
98	General Depreciation and Intangible Amortization Functionalized to Transmission		(Line 96 + Line 97)		8,385,430
99	Total Transmission Depreciation & Amortization		(Lines 88 + 89 + 98)		339,477,006
Taxes Other than Income Taxes					
100	Taxes Other than Income Taxes	(Note O)	Attachment 2		14,414,045

101	Total Taxes Other than Income Taxes		(Line 100)	14,414,045
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Return \ Capitalization Calculations

102	Long Term Interest		p117.62.c through 67.c	410,648,532
103	Preferred Dividends	enter positive	p118.29.d	0
Common Stock				
104	Proprietary Capital	(Note P)	Attachment 5	12,552,746,353
105	Less Accumulated Other Comprehensive Income Account 219	(Note P)	Attachment 5	2,033,749
106	Less Preferred Stock		(Line 114)	0
107	Less Account 216.1	(Note P)	Attachment 5	46,890
108	Common Stock		(Line 104 - 105 - 106 - 107)	12,550,665,714
Capitalization				
109	Long Term Debt	(Note P)	Attachment 5	10,453,880,700
110	Less: Loss on Reacquired Debt	(Note P)	Attachment 5	39,182,135
111	Plus: Gain on Reacquired Debt	(Note P)	Attachment 5	0
112	Less: ADIT associated with Gain or Loss	(Note P)	Attachment 5	4,620,615
113	Total Long Term Debt		(Line 109 - 110 + 111 - 112)	10,410,077,951
114	Preferred Stock	(Note P)	Attachment 5	0
115	Common Stock		(Line 108)	12,550,665,714
116	Total Capitalization		(Sum Lines 113 to 115)	22,960,743,665
117	Debt %	Total Long Term Debt	(Line 109 / (Line 109 + 114 + 115))	45.44%
118	Preferred %	Preferred Stock	(Line 114 / (Line 109 + 114 + 115))	0.00%
119	Common %	Common Stock	(Line 115 / (Line 109 + 114 + 115))	54.56%
120	Debt Cost	Total Long Term Debt	(Line 102 / Line 113)	0.0394
121	Preferred Cost	Preferred Stock	(Line 103 / Line 114)	0.0000
122	Common Cost	Common Stock	(Note J) Fixed	0.1040
123	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 117 * Line 120)	0.0179
124	Weighted Cost of Preferred	Preferred Stock	(Line 118 * Line 121)	0.0000
125	Weighted Cost of Common	Common Stock	(Line 119 * Line 122)	0.0567
126	Rate of Return on Rate Base (ROR)		(Sum Lines 123 to 125)	0.0747
127	Investment Return = Rate Base * Rate of Return		(Line 65 * Line 126)	860,713,224

Composite Income Taxes

Income Tax Rates				
128	FIT=Federal Income Tax Rate	(Note I)		21.00%
129	SIT=State Income Tax Rate or Composite	(Note I)	Attachment 5	9.00%
130	p	(percent of federal income tax deductible for state purposes)	Per State Tax Code	0.00%
131	T	$T = 1 - ((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p) =$		28.11%
132	T / (1-T)			39.10%
ITC Adjustment				
133	Amortized Investment Tax Credit	(Note O)	Attachment 5	-493,265
134	1/(1-T)		1 / (1 - Line 131)	139.10%
135	Net Plant Allocation Factor		(Line 18)	63.62%
136	ITC Adjustment Allocated to Transmission		(Line 133 * Line 134 * Line 135)	-436,493
State and Local Tax Credits				
137	State and Local Tax Credits	(Note O)	Attachment 5	0
138	1/(1-T)		1 / (1 - Line 131)	139.10%
139	State and Local Tax Credit Adjustment		(Line 137 * Line 138)	0
Deficient/Excess Deferred Taxes Amortization				
140	Amortized Deficient Deferred Taxes (Account 410.1)	(Note S & V)		0
141	Amortized Excess Deferred Taxes (Account 411.1)	(Note T & V)		-3,054,643
142	Total		(Line 140 + Line 141)	-3,054,643
143	1/(1-T)		1 / (1 - Line 131)	139.10%
144	Deficient/Excess Deferred Taxes Allocated to Transmission		(Line 142 * Line 143)	-4,249,051
AFUDC Equity Permanent Difference				
145	Tax Effect of AFUDC Equity Permanent Difference	(Note U)		1,745,768
146	1/(1-T)		1 / (1 - Line 131)	139.10%
147	AFUDC Equity Permanent Difference Tax Adjustment		(Line 145 * Line 146)	2,428,388
148	Income Tax Component =	$(T/(1-T)) * Investment Return * (1-(WCLTD/ROR)) =$	[Line 132 * Line 127 * (1 - (Line 123 / Line 126))]	255,751,013
149	Total Income Taxes		(Lines 136 + 139 + 144 + 147 + 148)	253,493,856

Revenue Requirement

Summary				
150	Net Property, Plant & Equipment		(Line 48)	14,229,138,199
151	Total Adjustment to Rate Base		(Line 64)	-2,701,546,828
152	Rate Base		(Line 65)	11,527,591,371
153	Total Transmission O&M		(Line 87)	142,205,311
154	Total Transmission Depreciation & Amortization		(Line 99)	339,477,006
155	Taxes Other than Income		(Line 101)	14,414,045
156	Investment Return		(Line 127)	860,713,224
157	Income Taxes		(Line 149)	253,493,856

158	Gross Revenue Requirement		(Sum Lines 153 to 157)	1,610,303,443
	Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities			
159	Transmission Plant In Service		(Line 24)	15,876,024,297
160	Excluded Transmission Facilities	(Note B & M)	Attachment 5	0
161	Included Transmission Facilities		(Line 159 - Line 160)	15,876,024,297
162	Inclusion Ratio		(Line 161 / Line 159)	100.00%
163	Gross Revenue Requirement		(Line 158)	1,610,303,443
164	Adjusted Gross Revenue Requirement		(Line 162 * Line 163)	1,610,303,443
	Revenue Credits & Interest on Network Credits			
165	Revenue Credits	(Note O)	Attachment 3	28,054,212
166	Interest on Network Credits	(Note N & O)	Attachment 5	0
167	Net Revenue Requirement		(Line 164 - Line 165 + Line 166)	1,582,249,231
	Net Plant Carrying Charge			
168	Gross Revenue Requirement		(Line 158)	1,610,303,443
169	Net Transmission Plant, CWIP and Abandoned Plant		(Line 24 - Line 37 + Line 53 + Line 54)	14,143,498,349
170	Net Plant Carrying Charge		(Line 168 / Line 169)	11.3855%
171	Net Plant Carrying Charge without Depreciation		(Line 168 - Line 88) / Line 169	9.0445%
172	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes		(Line 168 - Line 88 - Line 127 - Line 149) / Line 169	1.1666%
	Net Plant Carrying Charge Calculation per 100 Basis Point increase in ROE			
173	Gross Revenue Requirement Less Return and Taxes		(Line 158 - Line 156 - Line 157)	496,096,363
174	Increased Return and Taxes		Attachment 4	1,201,689,981
175	Net Revenue Requirement per 100 Basis Point increase in ROE		(Line 173 + Line 174)	1,697,786,344
176	Net Transmission Plant, CWIP and Abandoned Plant		(Line 24 - Line 37 + Line 53 + Line 54)	14,143,498,349
177	Net Plant Carrying Charge per 100 Basis Point increase in ROE		(Line 175 / Line 176)	12.0040%
178	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation		(Line 175 - Line 88) / Line 176	9.6631%
179	Net Revenue Requirement		(Line 167)	1,582,249,231
180	True-up amount		Attachment 6	14,303,065
181	Plus any increased ROE calculated on Attachment 7 other than PJM Sch. 12 projects not paid by other PJM transmission zones		Attachment 7	6,139,230
182	Facility Credits under Section 30.9 of the PJM OATT		Attachment 5	0
183	Net Zonal Revenue Requirement		(Line 179 + 180 + 181 + 182)	1,602,691,525
	Network Zonal Service Rate			
184	1 CP Peak	(Note L)	Attachment 5	10,064.1
185	Rate (\$/MW-Year)		(Line 183 / 184)	159,248.37
186	Network Service Rate (\$/MW/Year)		(Line 185)	159,248.37

Notes

- A Electric portion only
- B Calculated using 13-month average balances.
- C Includes Transmission portion only. At each annual informational filing, Company will identify for each parcel of land an intended use within a 15 year period.
- D Includes all EPRI Annual Membership Dues
- E Includes all Regulatory Commission Expenses
- F Includes Safety related advertising included in Account 930.1
- G Includes Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in FERC Form 1 at 351.h.
- H CWIP can only be included if authorized by the Commission.
- I 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
- J ROE will be supported in the original filing and no change in ROE will be made absent a filing at FERC.
PBOP expense shall be based upon the Company's Actual Annual PBOP Expense until changed by a filing at FERC.
The actual Annual PBOP Expense to be included in the Formula Rate Annual Update that is required to be filed on or before October 15 of each year shall be based upon the Actual Annual PBOP Expense as charged to FERC Account 926 on behalf of electric employees for PBOP and as included by the Company in its most recent True-up Adjustment filing.
PSEG will provide, in connection with each annual True-Up Adjustment filing a confidential copy of relevant pages from annual actuarial valuation report supporting the derivation of the Actual Annual PBOP Expense as charged to FERC Account 926 on behalf of electric employees.
Depreciation rates shown in Attachment 8 are fixed until changed as the result of a filing at FERC.
If book depreciation rates are different than the Attachment 8 rates, PSE&G will provide workpapers at the annual update to reconcile formula depreciation expense and depreciation accruals to FERC Form 1 amounts.
- K Education and outreach expenses relating to transmission, for example siting or billing
- L As provided for in Section 34.1 of the PJM OATT; the PJM established billing determinants will not be revised or updated in the annual rate reconciliations.
- M Amount of transmission plant excluded from rates per Attachment 5.
- N Outstanding Network Credits is the balance of Network Facilities Upgrades Credits due Transmission Customers who have made lump-sum payments towards the construction of Network Transmission Facilities consistent with Paragraph 657 of Order 2003-A.
Interest on the Network Credits as booked each year is added to the revenue requirement to make the Transmission Owner whole on Line 166.
- O Expenses reflect full year plan
- P The projected capital structure shall reflect the capital structure from the FERC Form 1 data. For all other formula rate calculations, the projected capital structure and actual capital structure shall reflect the capital structure from the most recent FERC Form 1 data available.
Calculated using the average of the prior year and current year balances.
- Q Calculated using beginning and year end projected balances.
- R Unamortized Abandoned Plant and Amortization of Abandoned Plant may only be included pursuant to a Commission Order authorizing such inclusion.

S Includes the amortization of any deficient deferred income taxes resulting from changes to income tax laws, income tax rates (including changes in apportionment) and other actions taken by a taxing authority.

Deficient deferred income taxes will increase tax expense by the amount of the deficiency multiplied by $(1/1-T)$ (Line 144).

T Includes the amortization of any excess deferred income taxes resulting from changes to income tax laws, income tax rates (including changes in apportionment) and other actions taken by a taxing authority.

Excess deferred income taxes will decrease tax expense by the amount of the excess multiplied by $(1/1-T)$ (Line 144).

U Includes the annual income tax cost or benefits due to the AFUDC Equity permanent difference. $(1/1-T)$ multiplied by the amount of AFUDC Equity permanent difference included in Line 145 and will increase or decrease tax expense by the amount of the expense or benefit included on Line 145 multiplied by $(1/1-T)$ (Line 147).

V Unamortized Excess/Deficient Deferred Tax Regulatory Liabilities/Assets and the Amortization of those Regulatory Liabilities/Assets arising from future tax changes may only be included pursuant to Commission approval authorizing such inclusion.

END

**Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31 of the Current Year**

	<i>Only Transmission Related</i>	<i>Plant Related</i>	<i>Labor Related</i>	<i>A&G Expense Related</i>	<i>Total ADIT</i>	
<i>ADIT- 282 (Not Subject to Proration)</i>	(663,572,693)	0	(4,157,892)	0		From Acct. 282 (Not Subject to Proration) total, below
<i>ADIT-283</i>	(4,719,181)	(1,883,553)	0	(1,603,525)		From Acct. 283 total, below
<i>ADIT-190</i>	1,450,575	0	8,343,685	2,240,901		From Acct. 190 total, below
<i>Subtotal</i>	(666,841,299)	(1,883,553)	4,185,793	637,376		
<i>Wages & Salary Allocator</i>			21.0000%			
<i>Net Plant Allocator</i>		63.6159%				
<i>Multi-Factor A&G Expense Allocator</i>				32.0925%		
<i>End of Year ADIT</i>	(666,841,299)	(1,198,240)	879,017	204,550	(666,955,972)	
<i>End of Previous Year ADIT (from Sheet 1A-ADIT)</i>	(616,923,092)	(1,909,912)	385,718	382,805	(618,064,481)	
<i>Average Beginning and End of Year ADIT</i>	(641,882,196)	(1,554,076)	632,367	293,677	(642,510,227)	
<i>ADIT- 282 (Subject to Proration)</i>	(1,469,891,599)	0	(3,023,665)	0	(1,472,915,264)	From Acct. 282 (Subject to Proration) total, below
<i>Total Accumulated Deferred Income Taxes</i>					(2,115,425,490)	Appendix A, Line 49

Note: ADIT associated with Gain or Loss on Reacquired Debt is included in Column A here and included in Cost of Debt on Appendix A, Line 112
(1,883,553) < From Acct 283, below

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns C-G and each separate ADIT item will be listed, dissimilar items with amounts exceeding \$100,000 will be listed separately.

A	B <i>Total</i>	C <i>Gas, Prod Or Other Related</i>	D <i>Only Transmission Related</i>	E <i>Plant Related</i>	F <i>Labor Related</i>	G <i>A&G Expense Related</i>	H <i>Justification</i>
<i>ADIT-190</i>							
Vacation Pay	229,748	0	0	0	0	229,748	Vacation pay earned and expensed for books, tax deduction when paid, A&G Expense-related to all functions.
OPFB	60,335,082	0	0	0	0	60,335,082	FASB 106 - Post Retirement Obligation, A&G Expense-related to all functions.
Deferred Compensation	2,011,153	0	0	0	0	2,011,153	Book estimate accrued and expensed, tax deduction when paid, A&G Expense-related to all functions.
Gross-up on Excess Deferred Income Taxes	423,681,949	423,681,949	0	0	0	0	Represents gross-up on excess deferred tax balance that resides in Account 254.
Casualty Insurance Proceed	2,705,630	2,705,630	0	0	0	0	Distribution-related receipt of casualty proceeds, income for tax purposes.
Contribution in Aid of Construction	11,160,295	11,160,295	0	0	0	0	Income that is taxable for tax return purposes. Underlying assets received in aid of construction are not in the formula, therefore associated ADIT is excluded.
Customer Advances	9,282,260	9,282,260	0	0	0	0	Distribution-related income that is taxable for tax return purposes. Underlying assets received are not in the formula, therefore associated ADIT is excluded.
Injuries and Damages	5,697,636	5,697,636	0	0	0	0	Book expense not deductible for tax return purposes.
Legal Reserve	194,382	228,601	(34,219)	0	0	0	Legal-related book expense not deductible for tax return purposes, distribution-related (Col. C) and transmission-related (Col. D).
Deferred Employer ER FICA	8,343,685	0	0	0	8,343,685	0	CARES Act - Delay of payment of employer payroll taxes. Expensed for book, deductible for tax purposes when paid, labor-related to all functions.
Bad Debts	43,751,261	43,751,261	0	0	0	0	Flow Through of the difference between write-off of bad debt reserve and increases in bad debt reserve
Operating Leases	9,955,635	8,589,373	1,366,262	0	0	0	Operating leases per ASC842, distribution-related (Col. C) and transmission-related (Col. D).
Materials and Supplies	424,214	305,682	118,532	0	0	0	Book reserves for Materials and Supplies in Account 154, distribution-related (Col. C) and transmission-related (Col. D).
Asset Retirement Obligations	179,748	179,748	0	0	0	0	Distribution-related Asset Retirement Liabilities not deducted for tax until assets are retired.
Miscellaneous	76,426	76,426	0	0	0	0	Miscellaneous Tax Adjustments
Subtotal - p234	578,029,104	505,658,861	1,450,575	0	8,343,685	62,575,983	
Less FASB 109 Above if not separately removed							
Less FASB 106 Above if not separately removed	60,335,082	0	0	0	0	60,335,082	
Total	\$17,694,022	\$05,658,861	1,450,575	0	8,343,685	2,240,901	

Instructions for Account 190:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

**Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31 of the Current Year**

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

A	B <i>Total</i>	C <i>Gas, Prod Or Other Related</i>	D <i>Only Transmission Related</i>	E <i>Plant Related</i>	F <i>Labor Related</i>	G <i>A&G Expense Related</i>	H <i>Justification</i>
<i>ADIT- 282 (Not Subject to Proration)</i>							

Depreciation - Liberalized Depreciation (Federal)	(217,800,909)	0	(217,800,909)	0	0	0	Column D represents the ADIT associated with transmission basis differences resulting from accelerated tax depreciation versus depreciation used for ratemaking purposes.
Depreciation - Liberalized Depreciation (State)	(677,852,607)	(227,922,931)	(445,771,784)	0	(4,157,892)	0	Column C represents ADIT associated with distribution assets, Column D represents the ADIT associated with transmission assets, and Column F represents ADIT associated with common plant assets.
Accounting for Income Taxes	(216,313,385)	(115,160,462)	(100,732,690)	0	(420,233)	0	FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to reulation
Subtotal - ADIT- 282 (Not Subject to Proration)	(1,111,966,901)	(343,083,393)	(764,305,383)	0	(4,578,125)	0	
Less FASB 109 Above if not separately removed	(216,313,385)	(115,160,462)	(100,732,690)	0	(420,233)	0	
Less FASB 106 Above if not separately removed							
Total ADIT- 282 (Not Subject to Proration)	(895,653,516)	(227,922,931)	(663,572,693)	0	(4,157,892)	0	

A	B	C	D	E	F	G	H
ADIT- 282 (Subject to Proration)	Total	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	A&G Expense Related	Justification
Depreciation - Liberalized Depreciation (Federal)	(2,631,072,655)	(1,146,782,653)	(1,469,891,599)	0	(14,398,403)	0	Column C represents the ADIT associated with distribution assets, Column D represents the prorated ADIT associated with transmission assets, and Column F represents the prorated ADIT associated with common plant assets.
Subtotal - ADIT- 282 (Subject to Proration)	(2,631,072,655)	(1,146,782,653)	(1,469,891,599)	0	(14,398,403)	0	
Less FASB 109 Above if not separately removed							
Less FASB 106 Above if not separately removed							
Total ADIT- 282 (Subject to Proration)	(2,631,072,655)	(1,146,782,653)	(1,469,891,599)	0	(14,398,403)	0	

Instructions for Account 282:

- ADIT items subject to the IRS's proration methodology shall be included in the ADIT- 282 (Subject to Proration) section in order to avoid the two-step averaging of prorated ADIT balances
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
ATTACHMENT H-10A
 Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31 of the Current Year

A	B	C	D	E	F	G	H
ADIT- 283	Total	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	A&G Expense Related	Justification
New Jersey Corporation Business Tax	(46,347,330)	(46,347,330)	0	0	0	0	New Jersey Corporate Income Tax, not in rates.
Accelerated Activity Plan	(54,400,485)	(54,400,485)	0	0	0	0	Book deferral of under recovered distribution-related costs that are deducted for tax purposes.
Additional Pension Deduction	(133,582,443)	(133,582,443)	0	0	0	0	Associated with Pension Liability not in rates.
Loss on Reacquired Debt	(1,883,553)	0	0	(1,883,553)	0	0	Plant-related expense deferred for book purposes and deducted for tax purposes.
Deferred Gain	(11,368,782)	(11,368,782)	0	0	0	0	Distribution-related deferred gain resulted from 2000 deregulation step up basis.
Environmental Cleanup Costs	(1,441,487)	(1,441,487)	0	0	0	0	Distribution-related, book estimate accrued and expensed, tax deduction when paid.
Casualty Loss	(60,116,571)	(60,116,571)	0	0	0	0	Distribution-related expense deferred for book purposes and deducted for tax purposes.
Clause	(12,821,075)	(12,821,075)	0	0	0	0	Book deferral of under recovered distribution-related costs that are deducted for tax purposes.
Investment in NJ Properties	(1,398,712)	(1,398,712)	0	0	0	0	Distribution-related book and tax difference in investment.
Performance Incentive Plan Adj	(1,603,525)	0	0	0	0	(1,603,525)	Performance Incentive Plan related expense deferred for book purposes and deducted for tax purposes, labor related to all functions.
Real Estate Taxes	(3,952,332)	(465,606)	(3,486,726)	0	0	0	Real estate-related expense deferred for book purposes and deducted for tax purposes, distribution-related (Col. C) and transmission-related (Col. D).
Assessment by BPU of the State of NJ	(597,469)	(597,469)	0	0	0	0	Distribution-related expense deferred for book purposes and deducted for tax purposes.
OCI Rabbi Trust	(498,583)	(498,583)	0	0	0	0	Distribution-related unrealized gains and losses on equity security investments.
Capital Infrastructure Program - CIP II	(4,110,609)	(4,110,609)	0	0	0	0	Distribution-related capital infrastructure program. Expenses deferred for book purposes and deducted for tax purposes.
COVID Deferral	(10,073,431)	(10,073,431)	0	0	0	0	Distribution-related deferred book expenses deductible for tax purposes, incurred as a result of COVID.
CEF Deferral	(8,963,957)	(8,963,957)	0	0	0	0	Distribution-related, Clean Energy Future (CEF) program, expenses capitalized for book purposes, deducted for tax purposes.
Operating Leases	(9,441,551)	(8,209,096)	(1,232,455)	0	0	0	Operating leases per ASC842, offset by operating leases in Account 190. Distribution-related (Col. C) and transmission-related (Col. D).
Unrealized Gain/Loss on Equity Securities	(453,890)	(453,890)	0	0	0	0	Distribution-related, Unrealized gains and losses on equity security investments.
Accounting for Income Taxes (FAS109) - Federal	(83,285,384)	0	0	(83,285,384)	0	0	FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to reulation
Subtotal - e277	(446,341,169)	(354,849,526)	(4,719,181)	(85,168,937)	0	(1,603,525)	
Less FASB 109 Above if not separately removed	(83,285,384)	0	0	(83,285,384)	0	0	
Less FASB 106 Above if not separately removed							
Total	(363,055,785)	(354,849,526)	(4,719,181)	(1,883,553)	0	(1,603,525)	

Instructions for Account 283:

1. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
2. ADIT items related only to Transmission are directly assigned to Column D
3. ADIT items related to Plant and not in Columns C & D are included in Column E
4. ADIT items related to labor and not in Columns C & D are included in Column F
5. ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
6. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

**Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1A - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31 of the Previous Year**

	Only Transmission Related	Plant Related	Labor Related	A&G Expense Related	Total ADIT	
<i>ADIT- 282 (Not Subject to Proration)</i>	(614,983,423)	0	(4,421,010)	0		From Acct. 282 (Not Subject to Proration) total, below
<i>ADIT-283</i>	(4,291,523)	(3,002,255)	0	(1,603,525)		From Acct. 283 total, below
<i>ADIT-190</i>	2,351,854	0	6,257,764	2,796,340		From Acct. 190 total, below
<i>Subtotal</i>	(616,923,092)	(3,002,255)	1,836,754	1,192,815		
<i>Wages & Salary Allocator</i>			21.0000%			
<i>Net Plant Allocator</i>		63.6159%				
<i>Multi-Factor A&G Expense Allocator</i>				32.0925%		
<i>End of Year ADIT</i>	(616,923,092)	(1,909,912)	385,718	382,805	(618,064,481)	

Note: ADIT associated with Gain or Loss on Reacquired Debt is included in Column A here and included in Cost of Debt on Appendix A, Line 112
(3,002,255) < From Acct 283, below

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns C-G and each separate ADIT item will be listed, dissimilar items with amounts exceeding \$100,000 will be listed separately.

ADIT-190	A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G A&G Expense Related	H Justification
Vacation Pay		412,728	0	0	0	0	412,728	Vacation pay earned and expensed for books, tax deduction when paid, A&G Expense-related to all functions.
OPEB		75,868,949	0	0	0	0	75,868,949	FASB 106 - Post Retirement Obligation, A&G Expense-related to all functions.
Deferred Compensation		2,383,612	0	0	0	0	2,383,612	Book estimate accrued and expensed, tax deduction when paid, A&G Expense-related to all functions.
Gross-up on Excess Deferred Income Taxes		450,455,381	450,455,381	0	0	0	0	Represents gross-up on excess deferred tax balance that resides in Account 254.
Casualty Insurance Proceed		2,705,630	2,705,630	0	0	0	0	Distribution-related receipt of casualty proceeds, income for tax purposes.
Contribution in Aid of Construction		12,321,040	12,321,040	0	0	0	0	Income that is taxable for tax return purposes. Underlying assets received in aid of construction are not in the formula, therefore associated ADIT is excluded.
Customer Advances		8,592,751	8,592,751	0	0	0	0	Distribution-related income that is taxable for tax return purposes. Underlying assets received are not in the formula, therefore associated ADIT is excluded.
Injuries and Damages		5,296,787	5,296,787	0	0	0	0	Book expense not deductible for tax return purposes.
Legal Reserve		224,224	247,142	(22,918)	0	0	0	Legal-related book expense not deductible for tax return purposes, distribution-related (Col. C) and transmission-related (Col. D).
Deferred Employer ER FICA		6,257,764	0	0	0	6,257,764	0	CARES Act - Delay of payment of employer payroll taxes. Expensed for book, deductible for tax purposes when paid, labor-related to all functions.
Bad Debts		41,131,721	41,131,721	0	0	0	0	Flow Through of the difference between write-off of bad debt reserve and increases in bad debt reserve
Operating Leases		11,555,429	9,395,571	2,159,858	0	0	0	Operating leases per ASC842, distribution-related (Col. C) and transmission-related (Col. D).
Materials and Supplies		374,214	159,300	214,914	0	0	0	Book reserves for Materials and Supplies in Account 154, distribution-related (Col. C) and transmission-related (Col. D).
Asset Retirement Obligations		159,748	159,748	0	0	0	0	Distribution-related Asset Retirement Liabilities not deducted for tax until assets are retired.
Miscellaneous		76,426	76,426	0	0	0	0	Miscellaneous Tax Adjustments
Subtotal - p234		617,816,404	530,541,497	2,351,854	0	6,257,764	78,665,289	
Less FASB 109 Above if not separately removed								
Less FASB 106 Above if not separately removed		75,868,949	0	0	0	0	75,868,949	
Total		541,947,455	530,541,497	2,351,854	0	6,257,764	2,796,340	

Instructions for Account 190:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

**Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1A - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31 of the Previous Year**

ADIT- 282 (Not Subject to Proration)	A	B Total	C Gas, Prod Or Other Related	D Only Transmission Related	E Plant Related	F Labor Related	G A&G Expense Related	H Justification
Depreciation - Liberalized Depreciation (Federal)		(217,043,721)	0	(217,043,721)	0	0	0	Column D represents the ADIT associated with transmission basis differences resulting from accelerated tax depreciation versus depreciation used for ratemaking purposes.
Depreciation - Liberalized Depreciation (State)		(627,151,674)	(224,790,962)	(397,939,702)	0	(4,421,010)	0	Column C represents ADIT associated with distribution assets, Column D represents the ADIT associated with transmission assets, and Column F represents ADIT associated with common plant assets.

Accounting for Income Taxes	(220,442,272)	(129,968,713)	(90,025,680)	0	(447,879)	0	FASB 109 - deferred tax liability primarily associated with plant related items previously flowed through due to regulation
Subtotal - ADIT- 282 (Not Subject to Proration)	(1,064,637,667)	(354,759,675)	(705,009,103)	0	(4,868,889)	0	
Less FASB 109 Above if not separately removed	(220,442,272)	(129,968,713)	(90,025,680)	0	(447,879)	0	
Less FASB 106 Above if not separately removed							
Total ADIT- 282 (Not Subject to Proration)	(844,195,395)	(224,790,962)	(614,983,423)	0	(4,421,010)	0	

A	B	C	D	E	F	G	H
ADIT- 282 (Subject to Proration)	Total	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	A&G Expense Related	Justification
Depreciation - Liberalized Depreciation (Federal)	(2,496,779,375)	(1,048,630,917)	(1,433,633,574)	0	(14,514,884)	0	Column C represents ADIT associated with distribution assets, Column D represents the ADIT associated with transmission assets, and Column F represents ADIT associated with common plant assets.
Subtotal - ADIT- 282 (Subject to Proration)	(2,496,779,375)	(1,048,630,917)	(1,433,633,574)	0	(14,514,884)	0	
Less FASB 109 Above if not separately removed							
Less FASB 106 Above if not separately removed							
Total ADIT- 282 (Subject to Proration)	(2,496,779,375)	(1,048,630,917)	(1,433,633,574)	0	(14,514,884)	0	

Instructions for Account 282:

- ADIT items subject to the IRS's proration methodology shall be included in the ADIT- 282 (Subject to Proration) section in order to avoid the two-step averaging of prorated ADIT balances
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D
- ADIT items related to Plant and not in Columns C & D are included in Column E
- ADIT items related to labor and not in Columns C & D are included in Column F
- ADIT items related to A&G Expenses and not in Columns C & D are included in Column G
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

**Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 1A - Accumulated Deferred Income Taxes (ADIT) Worksheet - December 31 of the Previous Year**

A	B	C	D	E	F	G	H
ADIT- 283	Total	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	A&G Expense Related	Justification
New Jersey Corporation Business Tax	(37,823,126)	(37,823,126)	0	0	0	0	New Jersey Corporate Income Tax, not in rates.
Accelerated Activity Plan	(47,678,815)	(47,678,815)	0	0	0	0	Book deferral of under recovered distribution-related costs that are deducted for tax purposes.
Additional Pension Deduction	(114,379,377)	(114,379,377)	0	0	0	0	Associated with Pension Liability not in rates.
Loss on Reacquired Debt	(3,002,255)	0	0	(3,002,255)	0	0	Plant-related expense deferred for book purposes and deducted for tax purposes.
Deferred Gain	(12,031,561)	(12,031,561)	0	0	0	0	Distribution-related deferred gain resulted from 2000 deregulation step up basis.
Environmental Cleanup Costs	(1,441,487)	(1,441,487)	0	0	0	0	Distribution-related, book estimate accrued and expensed, tax deduction when paid.
Casualty Loss	(65,035,615)	(65,035,615)	0	0	0	0	Distribution-related expense deferred for book purposes and deducted for tax purposes.
Clause	(17,626,096)	(17,626,096)	0	0	0	0	Book deferral of under recovered distribution-related costs that are deducted for tax purposes.
Investment in NJ Properties	(1,398,712)	(1,398,712)	0	0	0	0	Distribution-related book and tax difference in investment.
Performance Incentive Plan Adj	(1,603,525)	0	0	0	0	(1,603,525)	Performance Incentive Plan related expense deferred for book purposes and deducted for tax purposes, A&G Expense-related to all functions.
Real Estate Taxes	(3,382,971)	(1,161,491)	(2,221,480)	0	0	0	Real estate-related expense deferred for book purposes and deducted for tax purposes, distribution-related (Col. C) and transmission-related (Col. D).
Assessment by BPU of the State of NJ	(597,469)	(597,469)	0	0	0	0	Distribution-related expense deferred for book purposes and deducted for tax purposes.
OCI Rabbi Trust	(498,583)	(498,583)	0	0	0	0	Distribution-related unrealized gains and losses on equity security investments.
Capital Infrastructure Program - CIP II	(4,240,520)	(4,240,520)	0	0	0	0	Distribution-related capital infrastructure program. Expenses deferred for book purposes and deducted for tax purposes.
COVID Deferral	(6,353,756)	(6,353,756)	0	0	0	0	Distribution-related deferred book expenses deductible for tax purposes, incurred as a result of COVID.
CEF Deferral	(4,481,978)	(4,481,978)	0	0	0	0	Distribution-related, Clean Energy Future (CEF) program, expenses capitalized for book purposes, deducted for tax purposes.
Operating Leases	(11,158,949)	(9,088,906)	(2,070,043)	0	0	0	Operating leases per ASC842, offset by operating leases in Account 190. Distribution-related (Col. C) and transmission-related (Col. D).
Unrealized Gain/Loss on Equity Securities	(465,120)	(465,120)	0	0	0	0	Distribution-related, Unrealized gains and losses on equity security investments.
Accounting for Income Taxes (FAS109) - Federal	(84,309,661)	0	0	0	(84,309,661)	0	FASB 109 - deferred tax liability primarily non-plant related items previously flowed through due to regulation
Subtotal - p277	(417,509,576)	(324,302,612)	(4,291,523)	(87,311,916)	0	(1,603,525)	
Less FASB 109 Above if not separately removed	(84,309,661)						
Less FASB 106 Above if not separately removed							
Total	(333,199,915)	(324,302,612)	(4,291,523)	(3,002,255)	0	(1,603,525)	

Instructions for Account 283:

- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
- ADIT items related only to Transmission are directly assigned to Column D

3. ADIT items related to Plant and not in Columns C & D are included in Column E

4. ADIT items related to labor and not in Columns C & D are included in Column F

5. ADIT items related to A&G Expenses and not in Columns C & D are included in Column G

6. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 2 - Taxes Other Than Income Worksheet

<i>Other Taxes</i>	<i>Page 263 Col (i)</i>	<i>Allocator</i>	<i>Allocated Amount</i>
Plant Related			
1 Real Estate	26,915,160		Attachment 5
2 Total Plant Related	26,915,160	N/A	11,363,000 Attachment 5
Labor Related			
Wages & Salary Allocator			
3 FICA	13,754,170		
4 Federal Unemployment Tax	75,572		
5 New Jersey Unemployment Tax	340,076		
6 New Jersey Workforce Development	358,969		
7			
8 Total Labor Related	14,528,787	21.0000%	3,051,045
Other Included			
Net Plant Allocator			
9			
10			
11			
12			
13 Total Other Included	0	63.6159%	0
14 Total Included (Lines 2 + 8 + 13)	41,443,947		14,414,045
Currently Excluded			
15 Corporate Business Tax			
16 TEFA			
17 Use & Sales Tax			
18 Local Franchise Tax			
19 PA Corporate Income Tax			
20 Municipal Utility			
21 Public Utility Fund			
22 Subtotal, Excluded	0		
23 Total, Included and Excluded (Line 14 + Line 22)	41,443,947		
24 Total Other Taxes from p114.14.g - Actual	41,443,947		
25 Difference (Line 23 - Line 24)	-		

Criteria for Allocation:

- A Other taxes that are incurred through ownership of plant including transmission plant will be allocated based on the Net Plant Allocator. If the taxes are 100% recovered at retail they shall not be included. Real Estate taxes are directly assigned to Transmission.
- B Other taxes that are incurred through ownership of only general or intangible plant will be allocated based on the Wages and Salary Allocator. If the taxes are 100% recovered at retail they shall not be included.
- C Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator.
- D Other taxes except as provided for in A, B and C above, that are incurred and (1) are not fully recovered at retail or (2) are directly or indirectly related to transmission service will be allocated based on the Net Plant Allocator; provided, however, that overheads shall be treated as in footnote B above.
- E Excludes prior period adjustments in the first year of the formula's operation and reconciliation for the first year.

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 3 - Revenue Credit Workpaper

Accounts 450 & 451		Page #'s & Instructions
1 Late Payment Penalties Allocated to Transmission	0	Company Records
Account 454 - Rent from Electric Property		
2 Rent from Electric Property - Transmission Related (Note 2)	1,702,790	Company Records
Account 456 - Other Electric Revenues		
3 Transmission for Others	0	Company Records
4 Schedule 1A	4,700,000	Company Records
5 Net revenues associated with Network Integration Transmission Service (NITS) for which the load is not included in the divisor (difference between NITS credits from PJM and PJM NITS charges paid by Transmission Owner)	13,000,000	Company Records
6 Point to Point Service revenues for which the load is not included in the divisor received by Transmission Owner	50,000	Company Records
7 Professional Services (Note 2)	7,986,905	Company Records
8 Revenues from Directly Assigned Transmission Facility Charges (Note 1)	4,833,125	Company Records
9 Rent or Attachment Fees associated with Transmission Facilities (Note 2)	32,272,820	Company Records
10 Gross Revenue Credits	(Sum Lines 1-9)	
	<u>32,272,820</u>	
11 Less line 18	- line 18	
	(4,218,608)	
12 Total Revenue Credits	line 10 + line 11	
	<u>28,054,212</u>	
13 Revenues associated with lines 2, 7, and 9 (Note 2)	6,585,915	
14 Income Taxes associated with revenues in line 13	1,851,301	
15 One half margin ((line 13 - line 14)/2)	2,367,307	
16 All expenses (other than income taxes) associated with revenues in line 13 that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service at issue.	-	
17 Line 15 plus line 16	2,367,307	
18 Line 13 less line 17	4,218,608	

Note 1 If the costs associated with the Directly Assigned Transmission Facility Charges are included in the Rates, the associated revenues are included in the Rates. If the costs associated with the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated revenues are not included in the Rates.

Note 2 Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of-way leases and leases for space on transmission facilities for telecommunications; (2) transmission tower licenses for wireless antennas; (3) right-of-way property leases for farming, grazing or nurseries; (4) licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5) transmission maintenance and consulting services (including energized circuit maintenance, high-voltage substation maintenance, safety training, transformer oil testing, and circuit breaker testing) to other utilities and large customers (collectively, products). PSE&G will retain 50% of net revenues consistent with *Pacific Gas and Electric Company*, 90 FERC ¶ 61,314. Note: in order to use lines 13-18, the utility must track in separate subaccounts the revenues and costs associated with each secondary use (except for the cost of the associated income taxes).

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 4 - Calculation of 100 Basis Point Increase in ROE

A	Return and Taxes with 100 Basis Point increase in ROE			
	100 Basis Point increase in ROE and Income Taxes		Line 27 + Line 50 from below	1,201,689,981
B	100 Basis Point increase in ROE			1.00%
Return Calculation				
			Appendix A Line or Source Reference	
1	Rate Base		(Line 48 + Line 64)	11,527,591,371
2	Long Term Interest		p117.62.c through 67.c	410,648,532
3	Preferred Dividends	enter positive	p118.29.d	0
	Common Stock			
4	Proprietary Capital		Attachment 5	12,552,746,353
5	Less Accumulated Other Comprehensive Income Account 219		p112.15.c	2,033,749
6	Less Preferred Stock		(Line 114)	0
7	Less Account 216.1		Attachment 5	46,890
8	Common Stock		(Line 104 - 105 - 106 - 107)	12,550,665,714
	Capitalization			
9	Long Term Debt		Attachment 5	10,453,880,700
10	Less: Loss on Reacquired Debt		Attachment 5	39,182,135
11	Plus: Gain on Reacquired Debt		Attachment 5	0
12	Less: ADIT associated with Gain or Loss		Attachment 5	4,620,615
13	Total Long Term Debt		(Line 109 - 110 + 111 - 112)	10,410,077,951
14	Preferred Stock		Attachment 5	0
15	Common Stock		(Line 108)	12,550,665,714
16	Total Capitalization		(Sum Lines 113 to 115)	22,960,743,665
17	Debt %	Total Long Term Debt	(Line 109 / (Line 109 + 114 + 115))	45.4%
18	Preferred %	Preferred Stock	(Line 114 / (Line 109 + 114 + 115))	0.0%
19	Common %	Common Stock	(Line 115 / (Line 109 + 114 + 115))	54.6%
20	Debt Cost	Total Long Term Debt	(Line 102 / Line 113)	0.0394
21	Preferred Cost	Preferred Stock	(Line 103 / Line 114)	0.0000
22	Common Cost	Common Stock	(Line 122 + 100 basis points)	0.1140
23	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 117 * Line 120)	0.0179
24	Weighted Cost of Preferred	Preferred Stock	(Line 118 * Line 121)	0.0000
25	Weighted Cost of Common	Common Stock	(Line 119 * Line 122)	0.0622
26	Rate of Return on Rate Base (ROR)		(Sum Lines 123 to 125)	0.0801
27	Investment Return = Rate Base * Rate of Return		(Line 65 * Line 126)	923,604,682
Composite Income Taxes				
	Income Tax Rates			
28	FIT=Federal Income Tax Rate			21.00%
29	SIT=State Income Tax Rate or Composite			9.00%
30	p = percent of federal income tax deductible for state purposes		Per State Tax Code	0.00%
31	T	$T=1 - ((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p)$		28.11%
32	CIT = T / (1-T)			39.10%
33	1 / (1-T)			139.10%
	ITC Adjustment			
34	Amortized Investment Tax Credit		Attachment 5	-493,265
35	1/(1-T)		1 / (1 - Line 131)	139.10%
36	Net Plant Allocation Factor		(Line 18)	63.6159%
37	ITC Adjustment Allocated to Transmission		(Line 133 * Line 134 * Line 135)	-436,493
	State and Local Tax Credits			
38	State and Local Tax Credits		Attachment 5	0
39	1/(1-T)		1 / (1 - Line 131)	139.10%
40	State and Local Tax Credit Adjustment		(Line 137 * Line 138)	0
	Deficient/Excess Deferred Taxes Amortization			
41	Amortized Deficient Deferred Taxes (Account 410.1)		(Line 140)	0
42	Amortized Excess Deferred Taxes (Account 411.1)		(Line 141)	-3,054,643
43	Total		(Line 140 + Line 141)	-3,054,643
44	1/(1-T)		1 / (1 - Line 131)	139.10%
45	Deficient/Excess Deferred Taxes Allocated to Transmission		(Line 142 * Line 143)	-4,249,051
	AFUDC Equity Permanent Difference			
46	Tax Effect of AFUDC Equity Permanent Difference		(Line 145)	1,745,768
47	1/(1-T)		1 / (1 - Line 131)	139.10%
48	AFUDC Equity Permanent Difference Tax Adjustment		(Line 145 * Line 146)	2,428,388
49	Income Tax Component =	$CIT=(T/(1-T)) * Investment\ Return * (1-(WCLTD/R)) =$		280,342,456
50	Total Income Taxes		(Lines 37 + 40 + 45 + 48 + 49)	278,085,299

Adjustments to A & G Expense

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
69	Total A&G Expenses	(Note O)	p323.197.b	29,710,436
70	Actual FBOP expense	(Note J)	Company Records	-60,018,100
71	Actual FBOP expense	(Note O)	Company Records	-60,018,100

Regulatory Expense Related to Transmission Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
Allocated General & Common Expenses				
73	Regulatory Commission Exp Account 928	(Note E & O)	p323.189.b	11,213,000
Directly Assigned A&G				
79	Transmission Regulatory Commission Exp Account 928	(Note G & O)	p350	500,000

General & Common Expenses

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
75	EPRI Dues	(Note D & O)	p352-353	0

Safety Related Advertising Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Safety Related	Non-safety Related
Directly Assigned A&G						
83	General Advertising Exp Account 930.1	(Note F & O)	p323.191.b	2,237,971	0	2,237,971

Education and Out Reach Cost Support

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Education & Outreach	Other
Directly Assigned A&G						
80	General Advertising Exp Account 930.1	(Note K & O)	p323.191.b	2,237,971	0	2,237,971

Depreciation Expense

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
Depreciation Expense				
88	Depreciation-Transmission	(Note J & O)	p336.7.f	331,091,576
90	Depreciation-General & Common	(Note J & O)	p336.10.f & .11.f	26,481,248
91	Depreciation-General Expense Associated with Acct. 397	(Note J & O)	Company Records	5,799,333
93	Depreciation-Intangible	(Note A & O)	p336.11.f	16,389,349
97	Transmission Depreciation Expense for Acct. 397	(Note J & O)	Company Records	600,465

Direct Assignment of Transmission Real Estate Taxes

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year	Transmission Related	Non-Transmission
100	Real Estate Taxes - Directly Assigned to Transmission		p263.33.i	26,915,160	11,363,000	15,552,160

PSE&G's real estate taxes detail is in an access database which contains a list of the towns PSE&G pays taxes to, which are billed on a quarterly basis for various parcels of property by major classification. Every parcel is associated with a Lot & Block number. These Lot & Blocks are identified to a particular type of property and are labeled. This is the breakout of transmission real estate taxes from total electric.

Return 1 Capitalization

Line #s	Descriptions	Notes	Page #'s & Instructions	2019 End of Year	2020 End of Year	Average
104	Proprietary Capital	(Note P)	p112.16.c.d	11,943,377,961	13,162,114,745	12,552,746,353
105	Accumulated Other Comprehensive Income Account 219	(Note P)	p112.15.c.d	1,512,695	2,554,902	2,033,749
107	Account 216.1	(Note P)	p119.53.c&d	121,890	-28,110	46,890
109	Long Term Debt	(Note P)	p112.18.c.d thru 21.c.d	9,908,380,700	10,999,380,700	10,453,880,700
110	Loss on Reacquired Debt	(Note P)	p111.81.c.d	42,297,978	36,066,291	39,182,135
111	Gain on Reacquired Debt	(Note P)	p113.61.c.d	0	0	-
112	ADIT associated with Gain or Loss on Reacquired Debt	(Note P)	p277.3.k (footnote)	5,120,272	4,120,957	4,620,615
114	Preferred Stock	(Note P)	p112.3.c.d	0	0	-

MultiState Workpaper

Line #s	Descriptions	Notes	Page #'s & Instructions	State 1	State 2	State 3
Income Tax Rates						
129	SIT-Slate Income Tax Rate or Composite	(Note I)		NJ	9.00%	

Amortized Investment Tax Credit

Line #s	Descriptions	Notes	Page #'s & Instructions	End of Year
133	Amortized Investment Tax Credit	(Note O)	p266.8.f (footnote), enter negative	-493,265

State and Local Tax Credits

Line #	Descriptions	Notes	Page #'s & Instructions	End of Year	Allocators	Transmission Related
	State and Local Tax Credits					
	Labor-related	(Note O)	Tax Return, enter negative	0	21.00%	0
	Plant-related	(Note O)	Tax Return, enter negative	0	63.62%	0
	Transmission-related	(Note O)	Tax Return, enter negative	0	100.00%	0
137	Total			0		0

Excluded Transmission Facilities

Line #	Descriptions	Notes	Page #'s & Instructions	Form 1Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Form 1 Dec	Average
160	Excluded Transmission Facilities	(Note B & M)		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Interest on Outstanding Network Credits Cost Support

Line #	Descriptions	Notes	Page #'s & Instructions	End of Year
166	Interest on Network Credits	(Note N & O)		0

Facility Credits under Section 30.9 of the PJM OATT

Line #	Descriptions	Notes	Page #'s & Instructions	End of Year
182	Revenue Requirement Facility Credits under Section 30.9 of the PJM OATT			0

PJM Load Cost Support

Line #	Descriptions	Notes	Page #'s & Instructions	1 CP Peak
184	Network Zonal Service Rate 1 CP Peak	(Note L)	PJM Data	10,064.1

Abandoned Transmission Projects

Line #	Descriptions	Notes	Page #'s & Instructions	Project X	Project Y	Project Z
	a Beginning Balance of Unamortized Transmission Plant		Per FERC Order			
	b Amortization Period (Months)		Per FERC Order			
	c Monthly Amortization		(line a / line b)	-	-	-
89	d Months in Year to be Amortized	(Note R)	(e * d)			
	e Amortization in Rate Year			-	-	-
	f Beginning of Year Balance of Unamortized Transmission Plant					
	g End of Year Balance of Unamortized Transmission Plant		(f - e)	-	-	-
54	h Average Balance of Unamortized Abandoned Transmission Plant	(Note R)	(f + g)/2	-	-	-

Unfunded Reserves

Line #	List of all reserves:	BOY Balance	EOY Balance	Average Balance	Enter 1 if NOT in a trust or reserved account, enter zero (0) if included in a trust or reserved account	Enter 1 if the accrual account is included in the formula rate, enter zero (0) if the accrual account is NOT included in the formula rate	Enter the percentage paid for by the transmission formula customers	Allocation	Amount Allocated
	Injuries and Damages (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i) = (d * e * f * g * h)
		(5,533,820)	(5,533,820)	(5,533,820)	1.00	1.00	100%	32.09%	(1,775,343)
	Worker's Compensation (A&G)	(134,048)	(134,048)	(134,048)	1.00	1.00	100%	32.09%	(43,019)
	Worker's Compensation (Transmission)	(2,605,079)	(2,605,079)	(2,605,079)	1.00	1.00	100%	100.00%	(2,605,079)
	SERP and Deferred Compensation	10,178,502	10,178,502	10,178,502	0.00	1.00	100%	32.09%	0
	Annual Incentive Plan (A&G)	(364,032)	(364,032)	(364,032)	1.00	1.00	100%	32.09%	(116,827)
	Annual Incentive Plan (Transmission)	(7,074,550)	(7,074,550)	(7,074,550)	1.00	1.00	100%	100.00%	(7,074,550)
	Vacation Accruals	(928,236)	(928,236)	(928,236)	1.00	1.00	100%	100.00%	(928,236)
	Environmental Reserves	(1,194,000)	(1,194,000)	(1,194,000)	1.00	1.00	100%	100.00%	(1,194,000)
62	Total	(7,655,263)	(7,655,263)	(7,655,263)					(13,737,655)

Notes:
The Formula Rate shall include a credit to rate base for all unfunded reserves (funds collected from customers that (1) have not been set aside in a trust, escrow or restricted account; (2) whose balance are collected from customers through cost accruals to accounts that are recovered under the Formula Rate; and (3) exclude the portion of any balance offset by a balance sheet account). The allocator in Col. (h) will be the same allocator used in the formula for the cost accruals to the account that is recovered under the Formula Rate. Since reserves can be created by an offsetting balance sheet account, rather than through cost accruals, the amount to be deducted from rate base should exclude the portion offset by another balance sheet account.

Unfunded Reserve amounts in Col. (b) and (c) are to be entered as a negative.

**Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 6 - True-up Adjustment for Network Integration Transmission Service - December 31, 2022**

True-up Revenue Requirement For Year 2020	Projection Revenue Requirement For Year 2020	True-up Adjustment - (Over)/Under Recovery	True-up Year: 2020
\$1,485,383,800	\$1,472,012,929	\$13,370,871	Intermediate Year: 2021
			Rate Year: 2022

Month	(Refunds)/Surcharges	Cumulative (Refunds)/Surcharges - Beginning of Month (Without Interest)	Base for Quarterly Compound Interest	Base for Monthly Interest	Monthly Interest Rate	Calculated Interest	Amortization	Cumulative (Refunds)/Surcharges and Interest - End of Month
Calculation of Interest								
<i>True-Up Year</i>								
1/1/2020	1,114,239	-	-	-	0.420%	-		1,114,239
2/1/2020	1,114,239	1,114,239	-	1,114,239	0.390%	4,346		2,232,824
3/1/2020	1,114,239	2,228,478	-	2,228,478	0.420%	9,360		3,356,423
4/1/2020	1,114,239	3,342,718	13,705	3,356,423	0.390%	13,090		4,483,752
5/1/2020	1,114,239	4,456,957	13,705	4,470,662	0.400%	17,883		5,615,874
6/1/2020	1,114,239	5,571,196	13,705	5,584,901	0.390%	21,781		6,751,894
7/1/2020	1,114,239	6,685,435	66,459	6,751,894	0.290%	19,580		7,885,714
8/1/2020	1,114,239	7,799,675	66,459	7,866,134	0.290%	22,812		9,022,765
9/1/2020	1,114,239	8,913,914	66,459	8,980,373	0.280%	25,145		10,162,149
10/1/2020	1,114,239	10,028,153	133,996	10,162,149	0.280%	28,454		11,304,843
11/1/2020	1,114,239	11,142,392	133,996	11,276,389	0.270%	30,446		12,449,528
12/1/2020	1,114,239	12,256,632	133,996	12,390,628	0.280%	34,694		13,598,461
<i>Intermediate Year</i>								
1/1/2021	-	13,370,871	227,590	13,598,461	0.280%	38,076		13,636,537
2/1/2021	-	13,370,871	227,590	13,598,461	0.250%	33,996		13,670,533
3/1/2021	-	13,370,871	227,590	13,598,461	0.280%	38,076		13,708,609
4/1/2021	-	13,370,871	337,738	13,708,609	0.270%	37,013		13,745,622
5/1/2021	-	13,370,871	337,738	13,708,609	0.280%	38,384		13,784,006
6/1/2021	-	13,370,871	337,738	13,708,609	0.270%	37,013		13,821,019
7/1/2021	-	13,370,871	450,148	13,821,019	0.280%	38,699		13,859,718
8/1/2021	-	13,370,871	450,148	13,821,019	0.280%	38,699		13,898,417
9/1/2021	-	13,370,871	450,148	13,821,019	0.270%	37,317		13,935,734
10/1/2021	-	13,370,871	564,863	13,935,734	0.280%	39,020		13,974,754
11/1/2021	-	13,370,871	564,863	13,935,734	0.270%	37,626		14,012,380
12/1/2021	-	13,370,871	564,863	13,935,734	0.280%	39,020		14,051,400
<i>(Over)/Under Recovery Plus Interest Amortized and Recovered Over 12 Months</i>								
<i>Rate Year</i>								
1/1/2022	-	13,370,871	680,529	14,051,400	0.274%	38,524	(1,191,922)	12,898,002
2/1/2022	-	13,370,871	680,529	12,898,002	0.274%	35,362	(1,191,922)	11,741,442
3/1/2022	-	13,370,871	680,529	11,741,442	0.274%	32,191	(1,191,922)	10,581,711
4/1/2022	-	13,370,871	786,607	10,581,711	0.274%	29,012	(1,191,922)	9,418,801
5/1/2022	-	13,370,871	786,607	9,418,801	0.274%	25,823	(1,191,922)	8,252,702
6/1/2022	-	13,370,871	786,607	8,252,702	0.274%	22,626	(1,191,922)	7,083,406
7/1/2022	-	13,370,871	864,068	7,083,406	0.274%	19,420	(1,191,922)	5,910,904
8/1/2022	-	13,370,871	864,068	5,910,904	0.274%	16,206	(1,191,922)	4,735,188
9/1/2022	-	13,370,871	864,068	4,735,188	0.274%	12,982	(1,191,922)	3,556,248
10/1/2022	-	13,370,871	912,676	3,556,248	0.274%	9,750	(1,191,922)	2,374,076
11/1/2022	-	13,370,871	912,676	2,374,076	0.274%	6,509	(1,191,922)	1,188,663
12/1/2022	-	13,370,871	912,676	1,188,663	0.274%	3,259	(1,191,922)	-

True-Up Adjustment with Interest	14,303,065
Less (Over)/Under Recovery	13,370,871
Total Interest	932,194

Note 1: The revenue requirements based on actual and projected costs included for the previous calendar year excludes the true-up adjustment and is sourced from the Net Zonal Revenue Requirement line on Appendix A.

Note 2: The monthly interest rates to be applied to the over recovery or under recovery amounts during the true-up year and the intermediate year will be determined using the monthly FERC interest rates (as determined pursuant to 18 C.F.R. Section 35.19a) posted at <https://www.ferc.gov/interest-calculation-rates-and-methodology>. The monthly interest rate to be applied to the over recovery or under recovery amounts each month during the rate year will equal a simple average of the 12 monthly interest rates for the intermediate year.

Note 3: An over or under collection will be recovered prorata over the true-up year, held for the intermediate year and returned prorata over the rate year.

This section is used to input and compute the interest rates to be applied to each year's revenue requirement true-ups.

Applicable FERC Interest Rate (Note A):	
1	1/1/2020 0.420%
2	2/1/2020 0.390%
3	3/1/2020 0.420%
4	4/1/2020 0.390%
5	5/1/2020 0.400%
6	6/1/2020 0.390%
7	7/1/2020 0.290%
8	8/1/2020 0.290%
9	9/1/2020 0.280%
10	10/1/2020 0.280%
11	11/1/2020 0.270%

12	12/1/2020	0.280%
13	1/1/2021	0.280%
14	2/1/2021	0.250%
15	3/1/2021	0.280%
16	4/1/2021	0.270%
17	5/1/2021	0.280%
18	6/1/2021	0.270%
19	7/1/2021	0.280%
20	8/1/2021	0.280%
21	9/1/2021	0.270%
22	10/1/2021	0.280%
23	11/1/2021	0.270%
24	12/1/2021	0.280%
25	Average Monthly Rate - Lines 13- 24	0.274%

Note A - Lines 1-24 are the FERC interest rates under section 35.19a of the regulations for the period shown, as posted at <https://www.ferc.gov/enforcement/acct-matts/interest-rates.asp>.

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 7A - True-up Adjustment for Transmission Enhancement Charges (TECs) (PJM OATT Schedule 12) - December 31, 2022

TEC True-up Revenue Requirement For Year 2020	TEC Projection Revenue Requirement For Year 2020	TEC True-up Adjustment - (Over)/Under Recovery	True-up Year:	2020
\$624,785,098	\$602,248,962	\$22,536,136	Intermediate Year:	
			Rate Year:	

Month	(Refunds)/Surcharges	Cumulative (Refunds)/Surcharges - Beginning of Month (Without Interest)	Base for Quarterly Compound Interest	Base for Monthly Interest	Monthly Interest Rate	Calculated Interest	Amortization	Cumulative (Refunds)/Surcharges and Interest - End of Month
Calculation of Interest								
<i>True-Up Year</i>								
1/1/2020	1,878,011	-	-	-	0.420%	-		1,878,011
2/1/2020	1,878,011	1,878,011	-	1,878,011	0.390%	7,324		3,763,347
3/1/2020	1,878,011	3,756,023	-	3,756,023	0.420%	15,775		5,657,134
4/1/2020	1,878,011	5,634,034	23,100	5,657,134	0.390%	22,063		7,557,208
5/1/2020	1,878,011	7,512,045	23,100	7,535,145	0.400%	30,141		9,465,360
6/1/2020	1,878,011	9,390,057	23,100	9,413,156	0.390%	36,711		11,380,082
7/1/2020	1,878,011	11,268,068	112,014	11,380,082	0.290%	33,002		13,291,096
8/1/2020	1,878,011	13,146,080	112,014	13,258,094	0.290%	38,448		15,207,556
9/1/2020	1,878,011	15,024,091	112,014	15,136,105	0.280%	42,381		17,127,948
10/1/2020	1,878,011	16,902,102	225,846	17,127,948	0.280%	47,958		19,053,918
11/1/2020	1,878,011	18,780,114	225,846	19,005,960	0.270%	51,316		20,983,245
12/1/2020	1,878,011	20,658,125	225,846	20,883,971	0.280%	58,475		22,919,732
<i>Intermediate Year</i>								
1/1/2021	-	22,536,136	383,596	22,919,732	0.280%	64,175		22,983,907
2/1/2021	-	22,536,136	383,596	22,919,732	0.250%	57,299		23,041,206
3/1/2021	-	22,536,136	383,596	22,919,732	0.280%	64,175		23,105,382
4/1/2021	-	22,536,136	569,245	23,105,382	0.270%	62,385		23,167,766
5/1/2021	-	22,536,136	569,245	23,105,382	0.280%	64,695		23,232,461
6/1/2021	-	22,536,136	569,245	23,105,382	0.270%	62,385		23,294,846
7/1/2021	-	22,536,136	758,709	23,294,846	0.280%	65,226		23,360,071
8/1/2021	-	22,536,136	758,709	23,294,846	0.280%	65,226		23,425,297
9/1/2021	-	22,536,136	758,709	23,294,846	0.270%	62,896		23,488,193
10/1/2021	-	22,536,136	952,057	23,488,193	0.280%	65,767		23,553,960
11/1/2021	-	22,536,136	952,057	23,488,193	0.270%	63,418		23,617,378
12/1/2021	-	22,536,136	952,057	23,488,193	0.280%	65,767		23,683,145
(Over)/Under Recovery Plus Interest Amortized and Recovered Over 12 Months								
<i>Rate Year</i>								
1/1/2022	-	22,536,136	1,147,009	23,683,145	0.274%	64,931	(2,008,943)	21,739,133
2/1/2022	-	22,536,136	1,147,009	21,739,133	0.274%	59,601	(2,008,943)	19,789,792
3/1/2022	-	22,536,136	1,147,009	19,789,792	0.274%	54,257	(2,008,943)	17,835,106
4/1/2022	-	22,536,136	1,325,798	17,835,106	0.274%	48,898	(2,008,943)	15,875,060
5/1/2022	-	22,536,136	1,325,798	15,875,060	0.274%	43,524	(2,008,943)	13,909,641
6/1/2022	-	22,536,136	1,325,798	13,909,641	0.274%	38,136	(2,008,943)	11,938,834
7/1/2022	-	22,536,136	1,456,356	11,938,834	0.274%	32,732	(2,008,943)	9,962,623
8/1/2022	-	22,536,136	1,456,356	9,962,623	0.274%	27,314	(2,008,943)	7,980,994
9/1/2022	-	22,536,136	1,456,356	7,980,994	0.274%	21,881	(2,008,943)	5,993,932
10/1/2022	-	22,536,136	1,538,284	5,993,932	0.274%	16,433	(2,008,943)	4,001,423
11/1/2022	-	22,536,136	1,538,284	4,001,423	0.274%	10,971	(2,008,943)	2,003,450
12/1/2022	-	22,536,136	1,538,284	2,003,450	0.274%	5,493	(2,008,943)	-

TEC True-Up Adjustment with Interest	24,107,317
Less TEC (Over)/Under Recovery	22,536,136
Total Interest	1,571,181

Note 1: The revenue requirements based on actual and projected costs included for the previous calendar year for PJM OATT Schedule 12 Transmission Enhancement Charges (Attachment 7).

Note 2: The monthly interest rates to be applied to the over recovery or under recovery amounts during the true-up year and the intermediate year will be determined using the monthly FERC interest rates (as determined pursuant to 18 C.F.R. Section 35.19a) posted at <https://www.ferc.gov/interest-calculation-rates-and-methodology>. The monthly interest rate to be applied to the over recovery or under recovery amounts each month during the rate year will equal a simple average of the 12 monthly interest rates for the intermediate year.

Note 3: An over or under collection of a TEC will be recovered prorata over the true-up year, held for the intermediate year and returned prorata over the rate year.

This section lists the interest rates to be applied to each year's revenue requirement true-ups from Attachment 6.

Applicable FERC Interest Rate (Note A):		
1	1/1/2020	0.420%
2	2/1/2020	0.390%
3	3/1/2020	0.420%
4	4/1/2020	0.390%
5	5/1/2020	0.400%
6	6/1/2020	0.390%
7	7/1/2020	0.290%
8	8/1/2020	0.290%
9	9/1/2020	0.280%
10	10/1/2020	0.280%
11	11/1/2020	0.270%
12	12/1/2020	0.280%

13	1/1/2021	0.280%
14	2/1/2021	0.250%
15	3/1/2021	0.280%
16	4/1/2021	0.270%
17	5/1/2021	0.280%
18	6/1/2021	0.270%
19	7/1/2021	0.280%
20	8/1/2021	0.280%
21	9/1/2021	0.270%
22	10/1/2021	0.280%
23	11/1/2021	0.270%
24	12/1/2021	0.280%
25	Average Monthly Rate - Lines 13- 24	0.274%

Note A - Lines 1-24 are the FERC interest rates under section 35.19a of the regulations for the period shown, as posted at <https://www.ferc.gov/enforcement/acct-matts/interest-rates.asp>.

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 8 - Depreciation Rates

<u>FERC Account</u>	<u>Account Description</u>	<u>Depreciation Rate</u>
Transmission		
350.30	Sidewalks and Curbs	1.12%
352.00	Structures and Improvements	1.44%
353.00	Station Equipment	2.24%
354.00	Towers and Fixtures	1.27%
355.00	Poles and Fixtures	1.47%
356.00	Overhead Conductors and Devices	2.11%
357.00	Underground Conduit	1.07%
358.00	Underground Conductors and Devices	2.54%
359.00	Roads and Trails	0.57%
Intangible, General and Common		
303.00	Intangible Plant	Various
390.00	Structures and Improvements	1.40%
390.11	Leasehold - Improvements	Various
390.30	Improvements Other than Park Plaza	1.40%
391.10	Office Furniture	5.00%
391.20	Office Equipment	25.00%
391.30	Office Computer Equipment	14.29%
391.33	Office Personal Computers	33.33%
392.11	Transportation Equipment 13K lb and below	Various
392.20	Transportation Equipment over 13K lb	Various
393.00	Stores Equipment	14.29%
394.00	Tools, Shop and Garage Equipment	14.29%
395.00	Laboratory Equipment	20.00%
396.00	Power Operated Equipment	Various
397.00	Communications Equipment	10.00%
398.00	Miscellaneous Equipment	14.29%

Depreciation Rates as approved by the Commission in Docket ER21-2450.

Public Service Electric and Gas Company
ATTACHMENT H-10A
Attachment 9 - Excess/(Deficient) Deferred Income Taxes - FERC Order 864 Worksheet (4)

Line No.	Year	Description:	Vintage:	Beginning of the Year Excess/(Deficient) ADIT Regulatory Liability/(Asset)			D=(C*Tax Gross-up rate) (1)	E=(C+D)	Amortization Period		Amount Amortized			L=(K*Tax Gross-up rate) (1)	M=(K+L)	End of the Year Balance		
				Protected	Unprotected	Total Excess/(Deficient) Deferred Taxes	Income Tax Gross-Up	Total Account 254/(Account 182.3)	Protected	Unprotected	FERC Account No. (3)	Protected	Unprotected	Total Amortization	Income Tax Gross-Up	Total Amortization with Gross-up	Excess/(Deficient) DIT	Excess/(Deficient) DIT with Gross-Up
				Original Account 282	Original Account 190/282/283	Account 254/(Account 182.3)												
1	2022	Protected	2017 TCJA	(2)	674,658,624	674,658,624	263,801,001	938,459,625	ARAM		411.1	(3,054,643)	(3,054,643)	(1,194,408)	(4,249,052)	671,603,981	934,210,574	
2	2022	Unprotected	2017 TCJA	(2)	-	-	-	-	1 Year	411.1		-	-	-	-	-	-	
3		Total Excess/(Deficient) DIT:			674,658,624	-	674,658,624	263,801,001				(3,054,643)	-	(3,054,643)	(1,194,408)	(4,249,052)	671,603,981	934,210,574

Notes:

(1) The Tax Cuts and Jobs Act was enacted on December 22, 2017 ("TCJA"). The TCJA reduced the federal corporate income tax rate from 35% to 21%, effective January 1, 2018. The composite and gross-up rates used for the remeasurement of ADIT balances are:

	Pre TCJA	Post TCJA
Federal income tax rate	35.00%	21.00%
State income tax rate	9.00%	9.00%
Federal benefit of deduction for state income tax	-3.15%	-1.89%
Composite federal/state income tax rate	40.85%	28.11%
Composite federal/state tax gross-up factor	1.69062	1.39101

(2) These amounts represent the future refunds to customers of PSE&G's excess deferred income tax liabilities as a result of the TCJA reduction in the federal corporate income tax rate effective January 1, 2018 and as reflected in PSE&G's FERC-approved Section 205 filing in Docket No. ER19-204.

(3) Excess DIT is amortized to FERC Account 411.1 and Deficient DIT is amortized to FERC Account 410.1.

(4) Unamortized Excess/(Deficient) Deferred Tax Regulatory Liabilities/(Assets) and the amortization of those Regulatory Liabilities/(Assets) arising from future tax changes may only be included pursuant to Commission approval authorizing such inclusion.

Public Service Electric and Gas Company
Projected Costs of Plant in Forecasted Rate Base and In-Service Dates
12 Months Ended December 31, 2022

Required Transmission Enhancements

Upgrade ID	RTEP Baseline Project Description	Estimated/Actual Project Cost (thru 2022) *	Anticipated/Actual In-Service Date *
b0130	Replace all derated Branchburg 500/230 kv transformers	\$20,614,102	Jan-06
b0134	Reconductor Kittatinny - Newtown 230 kV with 1590 ACSS	\$8,069,022	Aug-07
b0145	Build new Essex - Aldene 230 kV cable connected through phase angle regulator at Essex	\$86,467,721	Aug-07
b0411	Install 4th 500/230 kV transformer at New Freedom	\$22,188,863	May-07
b0498	Loop the 5021 circuit into New Freedom 500 kV substation	\$27,005,248	May-08
b0161	Install 230-138kV transformer at Metuchen substation	\$25,654,455	Nov-09
b0169	Build a new 230 kV section from Branchburg - Flagtown and move the Flagtown - Somerville 230 kV circuit to the new section	\$15,731,554	May-09
b0170	Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	\$6,961,495	May-08
b0172.2	Replace wave trap at Branchburg 500kV substation	\$27,988	Feb-08
b0274	Replace both 230/138 kV transformers at Roseland	\$21,014,433	May-09
b0813	Reconductor Hudson - South Waterfront 230kV circuit	\$9,158,918	May-10
b1017	Reconductor South Mahwah 345 kV J-3410 Circuit	\$20,626,991	Dec-11
b1018	Reconductor South Mahwah 345 kV K-3411 Circuit	\$21,163,173	May-11
b0290	Branchburg 400 MVAR Capacitor	\$77,234,030	Nov-12
b0472	Saddle Brook - Athenia Upgrade Cable	\$14,404,842	Nov-12
b0664-b0665	Branchburg-Somerville-Flagtown Reconductor	\$18,664,931	Apr-12
b0668	Somerville -Bridgewater Reconductor	\$6,390,403	Apr-12
b0814	New Essex-Kearny 138 kV circuit and Kearny 138 kV bus tie	\$45,985,436	Dec-12
b1410-b1415	Replace Salem 500 kV breakers	\$15,865,267	Oct-11
b1228	230kV Lawrence Switching Station Upgrade	\$21,732,218	May-13
b1155	Branchburg-Middlesex Swich Rack	\$62,938,142	Dec-13
b1399	Aldene-Springfield Rd. Conversion	\$72,364,662	Dec-14
b1590	Upgrade Camden-Richmond 230kV Circuit	\$11,276,183	Apr-14
b1588	Upgrade EaglePoint-Gloucester 230kV Circuit	\$12,087,610	May-15
b2139	Build Mickleton-Gloucester Corridor Ultimate Design	\$19,515,077	Dec-15
b1255	Ridge Road 69kV Breaker Station	\$43,237,859	Jun-16
b1787	New Cox's Corner-Lumberton 230kV Circuit	\$32,029,640	Nov-15
b0376	Install Conemaugh 250MVAR Cap Bank	\$1,108,058	Mar-16
b1589	Reconfigure Kearny- Loop in P2216 Ckt	\$22,063,887	May-18
b2146	Reconfigure Brunswick Sw-New 69kVckt-T	\$157,753,301	Oct-17
b2702	350 MVAR Reactor Hopatcong 500kV	\$22,307,024	Jun-18
b0489.5-b0489.15	Susquehanna Roseland Breakers	\$5,857,687	Jun-10
b0489.4	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (Below 500 kV elements of the project)	\$40,538,248	Nov-11
b0489	Build new 500 kV transmission facilities from Pennsylvania - New Jersey border at Bushkill to Roseland (500kV and above elements of the project)	\$722,051,427	Mar-12
b1156	Burlington - Camden 230kV Conversion	\$356,574,888	Oct-11
b1398 - b1398.7	Mickleton-Gloucester-Camden	\$438,520,267	Jun-13
b1154	North Central Reliability (West Orange Conversion)	\$369,946,472	Jun-12
b1304.1-b1304.4	Northeast Grid Reliability Project	\$625,130,357	Jun-13
b1304.5-b1304.21	Northeast Grid Reliability Project	\$350,930,385	Dec-16
b2436.10	Convert the Bergen - Marion 138 kV path to double circuit 345 kV and associated substation upgrades	\$179,555,171	Jan-16
b2436.21	Convert the Marion - Bayonne "L" 138 kV circuit to 345 kV and any associated substation upgrades	\$66,257,729	May-16
b2436.22	Convert the Marion - Bayonne "C" 138 kV circuit to 345 kV and any associated substation upgrades	\$48,925,535	May-16
b2436.33	Construct a new Bayway - Bayonne 345 kV circuit and any associated substation upgrades	\$158,390,211	Dec-15
b2436.34	Construct a new North Ave - Bayonne 345 kV circuit and any associated substation upgrades	\$126,351,339	Apr-18
b2436.50	Construct a new North Ave - Airport 345 kV circuit and any associated substation upgrades (B2436.50)	\$65,292,252	Apr-18

Upgrade ID	RTEP Baseline Project Description	Estimated/Actual Project Cost (thru 2022) *	Anticipated/Actual In-Service Date *
b2436.60	Relocate the underground portion of North Ave - Linden "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades	\$42,714,094	Dec-15
b2436.70	Construct a new Airport - Bayway 345 kV circuit and any associated substation upgrades	\$81,640,433	Dec-15
b2436.81	Relocate the overhead portion of Linden - North Ave "T" 138 kV circuit to Bayway, convert it to 345 kV, and any associated substation upgrades	\$54,853,856	Dec-15
b2436.83	Convert the Bayway - Linden "Z" 138 kV circuit to 345 kV and any associated substation upgrades	\$54,853,856	Dec-15
b2436.84	Convert the Bayway - Linden "W" 138 kV circuit to 345 kV and any associated substation upgrades	\$53,416,988	Dec-15
b2436.85	Convert the Bayway - Linden "M" 138 kV circuit to 345 kV and any associated substation upgrades	\$53,416,987	Dec-15
b2436.90	Relocate Farragut - Hudson "B" and "C" 345 kV circuits to Marion 345 kV and any associated substation upgrades	\$31,289,210	May-16
b2436.91	Relocate the Hudson 2 generation to inject into the 345 kV at Marion and any associated upgrades	\$25,015,321	Jun-16
b2437.10	New Bergen 345/230 kV transformer and any associated substation upgrades	\$27,880,477	May-16
b2437.11	New Bergen 345/138 kV transformer #1 and any associated substation upgrades	\$27,880,477	Jun-16
b2437.20	New Bayway 345/138 kV transformer #1 and any associated substation upgrades	\$9,118,014	Dec-15
b2437.21	New Bayway 345/138 kV transformer #2 and any associated substation upgrades	\$9,118,014	Dec-15
b2437.30	New Linden 345/230 kV transformer and any associated substation upgrades	\$33,836,505	Jul-16
b2437.33	New Bayonne 345/69 kV transformer and any associated substation upgrades	\$14,585,239	Apr-18
b2633.4	New 500 kV bay at Hope Creek (Expansion of Hope Creek substation)	\$52,308,870	Dec-20
b2633.5	New 500/230 kV autotransformer at Hope Creek and a new Hope Creek 230 kV substation	\$69,901,382	Dec-20
b2955	Rebuild Aldene-Warinanco-Linden VFT 230kV Circuit	\$97,595,959	Jun-20
b2986.12	Roseland-Branchburg 230kV corridor rebuild (Readington - Branchburg)	\$465,727	Jun-21
b2986.21	Branchburg-Pleasant Valley 230kV corridor rebuild (Branchburg - East Flemington)	\$57,063,419	Jun-21
b2986.22	Branchburg-Pleasant Valley 230kV corridor rebuild (East Flemington - Pleasant Valley)	\$49,161,550	May-22
b2835.1	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Brunswick - Meadow Road)	\$85,722,172	May-18
b2835.2	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Meadow Road - Pierson Ave)	\$54,358,639	May-18
b2835.3	Convert the R-1318 and Q1317 (Edison - Metuchen) 138 kV circuits to one 230 kV circuit (Pierson Ave - Metuchen)	\$8,451,440	Mar-19
b2836.1	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Brunswick - Hunterglen)	\$66,605,450	May-18
b2836.2	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Hunterglen - Trenton)	\$78,400,161	May-18
b2836.3	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Brunswick - Devils Brook)	\$51,138,868	May-19
b2836.4	Convert the N-1340 and T-1372/D-1330 (Brunswick - Trenton) 138 kV circuits to 230 kV circuits (Devils Brook - Trenton)	\$98,169,331	Apr-19
b2837.1	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Trenton - Yardville K)	\$37,440,079	Nov-17
b2837.2	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Yardville - Ward Ave K)	\$13,538,242	Nov-17
b2837.3	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Ward Ave - Crosswicks Y)	\$9,768,536	Jan-19
b2837.4	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Crosswicks - Bustleton Y)	\$35,690,391	Jan-19
b2837.5	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Bustleton - Burlington Y)	\$37,628,523	Dec-19
b2837.6	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Trenton - Yardville F)	\$37,308,585	Apr-19
b2837.7	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Yardville - Ward Ave F)	\$13,155,473	Apr-19
b2837.8	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Ward Ave - Crosswicks Z)	\$9,768,536	Jan-19
b2837.9	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Crosswicks - Williams Z)	\$3,285,359	Jan-19
b2837.10	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Williams - Bustleton Z)	\$32,405,889	Dec-19
b2837.11	Convert the F-1358/Z-1326 and K-1363/Y-1325 (Trenton - Burlington) 138 kV circuits to 230 kV circuits (Bustleton - Burlington Z)	\$37,628,523	Dec-19
	Total	\$6,052,545,075	

* May vary from original PJM Data due to updated information.

Attachment 9
JCP&L Formula Rate for January 1, 2022 to December 31, 2022



76 South Main Street
Akron, Ohio 44308

P. Nikhil Rao
Senior Corporate Counsel

330-384-2422
Fax: 330-384-3875

November 1, 2021

To: Parties to FERC Docket No. ER20-227

**Re: Jersey Central Power & Light Company
PJM Open Access Transmission Tariff, Attachment H-4
Projected Transmission Revenue Requirement for Rate Year 2022**

Pursuant to section II.D of the Formula Rate Implementation Protocols (“Protocols”) set forth in Attachment H-4B of the PJM Open Access Transmission Tariff (“PJM OATT”),¹ Jersey Central Power & Light Company (“JCP&L”) is submitting its Projected Transmission Revenue Requirement (“PTRR”) for Rate Year 2022 to PJM for posting.

The 2022 PTRR was developed pursuant to the JCP&L formula rate as set forth in Attachment H-4 of the PJM OATT. JCP&L has asked PJM to post a copy of the 2022 PTRR to the formula rates section of its internet site, located at:

<http://www.pjm.com/markets-and-operations/billing-settlements-and-credit/formula-rates.aspx>

A copy of the 2022 PTRR is attached. Pursuant to section II.I of the Protocols, JCP&L shall hold an open meeting among Interested Parties (“Annual Projected Rate Meeting”) no earlier than five (5) business days following this posting and no later than November 30. No fewer than five (5) days prior to such Annual Projected Rate Meeting, JCP&L shall provide notice on PJM’s website of the time, date, and webcast registration information of the Annual Projected Rate Meeting.

Formula Rate - Non-Levelized		Rate Formula Template Utilizing FERC Form 1 Data		For the 12 months ended 12/31/2022	
Line No.	(1)	(2)	Jersey Central Power & Light (3)	(4)	(5) Allocated Amount
1	GROSS REVENUE REQUIREMENT [page 3, line 18, col 5]				\$ 189,302,324
	REVENUE CREDITS	(Note M)	Total	Allocator	
2	Revenue Credits	Attachment 18, Line 9, Col. (E)	1,681,202	DA 1.00000	1,681,202
3	TEC Revenue	Attachment 11, Page 2, Line 3, Col. 12	20,312,393	DA 1.00000	20,312,393
4	TOTAL REVENUE CREDITS (sum lines 2-3)		21,993,594		21,993,594
5	True-up Adjustment with Interest	Enter Negative of Attachment 13, Line 50			(690,717)
6	NET REVENUE REQUIREMENT (Line 1 - Line 4 + Line 5)				\$ 166,618,012
7	DIVISOR				Total
8	1 Coincident Peak (CP) (MW)			(Note A)	6,169.1
9	Average 12 CPs (MW)			(Note S)	4,108.6
10	Annual Rate (\$/MW/Yr)	(line 6 / line 8)	Total 27,008.48		
11	Point-to-Point Rate (\$/MW/Year)	(line 6 / line 9)	Peak Rate 40,553.48		Off-Peak Rate 40,553.48
12	Point-to-Point Rate (\$/MW/Month)	(line 11/12)	3,379.46		3,379.46
13	Point-to-Point Rate (\$/MW/Week)	(line 11/52)	779.87		779.87
14	Point-to-Point Rate (\$/MW/Day)	(line 13/5; line 13/7)	155.97		111.41
15	Point-to-Point Rate (\$/MWh)	(line 11/4,160; line 11/8,760)	9.75		4.63

For the 12 months ended 12/31/2022

Formula Rate - Non-Levelized		Rate Formula Template Utilizing FERC Form 1 Data			Jersey Central Power & Light	
(1)	(2)	(3)	(4)	(5)		
Line No.	RATE BASE:	Source	Company Total	Allocator	Transmission (Col 3 times Col 4)	
GROSS PLANT IN SERVICE						
1	Production	Attachment 3, Line 14, Col. 1 (Notes N & O)	308	NA		
2	Transmission	Attachment 3, Line 14, Col. 2 (Notes N & O)	1,980,442,867	TP	1.00000	1,980,442,867
3	Distribution	Attachment 3, Line 14, Col. 3 (Notes N & O)	5,453,484,888	NA		
4	General & Intangible	Attachment 3, Line 14, Col. 4 & 5 (Notes N & O)	444,049,439	W/S	0.09804	43,533,373
5	TOTAL GROSS PLANT (sum lines 1-4)		<u>7,877,977,503</u>	GP=	25.692%	<u>2,023,976,240</u>
ACCUMULATED DEPRECIATION						
7	Production	Attachment 4, Line 14, Col. 1 (Notes N & O)	(28)	NA		
8	Transmission	Attachment 4, Line 14, Col. 2 (Notes N & O)	461,709,906	TP	1.00000	461,709,906
9	Distribution	Attachment 4, Line 14, Col. 3 (Notes N & O)	1,697,700,901	NA		
10	General & Intangible	Attachment 4, Line 14, Col. 4 & 5 (Notes N & O)	215,869,519	W/S	0.09804	21,163,248
11	TOTAL ACCUM. DEPRECIATION (sum lines 7-10)		<u>2,375,280,298</u>			<u>482,873,153</u>
NET PLANT IN SERVICE						
13	Production	(line 1 - line 7)	336			
14	Transmission	(line 2 - line 8)	1,518,732,962			1,518,732,962
15	Distribution	(line 3 - line 9)	3,755,783,987			
16	General & Intangible	(line 4 - line 10)	228,179,920			22,370,125
17	TOTAL NET PLANT (sum lines 13-16)		<u>5,502,697,205</u>			<u>1,541,103,087</u>
ADJUSTMENTS TO RATE BASE						
19	Accumulated Deferred Income Taxes	Attachment 5, Line 19, Col. (J) (Notes C, D)	(391,711,498)	DA	1.00000	(391,711,498)
20	Unfunded Reserves	Enter Negative Attachment 14b, Line 14, Col. (S), (Note C)	(981,109)	DA	1.00000	(981,109)
21	FERC Approved Regulatory Assets and Liabilities	Attachment 19, Line 7, Col. (W) (Notes O & R)	-	DA	1.00000	-
22	CWIP	Attachment 17, Line 3, Col. (W) (Notes O & P)	-	DA	1.00000	-
23	Unamortized Abandoned Plant	Attachment 16, Line 15, Col. 7 (Notes O & R)	-	DA	1.00000	-
24	TOTAL ADJUSTMENTS (sum lines 19-23)		<u>(392,692,607)</u>			<u>(392,692,607)</u>
25	LAND HELD FOR FUTURE USE	(Attachment 14a, Line 5, Col. S) (Note E)	-	DA	1.00000	-
WORKING CAPITAL (Note F)						
27	CWC	1/8*(Page 3, Line 6 minus Page 3, Line 5)	4,725,008			4,725,008
28	Materials & Supplies	Attachment 14a, Line 4, Col. (S) (Notes O & E)	-	DA	1.00000	-
29	Prepayments (Account 165)	Attachment 14a, Line 2, Col. (S) (Note O)	-	DA	1.00000	-
30	TOTAL WORKING CAPITAL (sum lines 27 - 29)		<u>4,725,008</u>			<u>4,725,008</u>
31	RATE BASE (sum lines 17, 24, 25, & 30)		<u>5,114,729,605</u>			<u>1,153,135,488</u>

For the 12 months ended 12/31/2022

Formula Rate - Non-Levelized		Rate Formula Template Utilizing FERC Form 1 Data			Jersey Central Power & Light	
Line No.	(1)	(2)	(3)	(4)	(5)	
		Source	Company Total	Allocator	Transmission (Col 3 times Col 4)	
1	Operating Expenses					
2	Transmission	Attachment 20, Line 26, Col. (G)	37,650,598	DA	37,650,598	
3	PBOPs Expense Adjustment	Attachment 6, Line 11 (Note C)	(62,300)	DA	(62,300)	
4	A&G	Attachment 20, Line 41, Col. (I)	965,029	DA	965,029	
5	FERC Approved Reg. Asset/Liab. Amortizations	Attachment 19, Line 7, Col. (Y) (Note R)	-	DA	-	
6	TOTAL OPERATING EXPENSES (sum lines 2 through 5)		<u>38,553,328</u>		<u>38,553,328</u>	
7	DEPRECIATION AND AMORTIZATION EXPENSE					
8	Transmission	336.7.b (Note N)	40,966,101	TP	40,966,101	
9	General & Intangible	336.1.b,d,e & 336.10.b,d,e (Note N)	24,834,353	W/S	2,434,691	
10	Amortization of Abandoned Plant	Attachment 16, Line 15, Col. 5 (Note R)	-	DA	-	
11	TOTAL DEPRECIATION (sum lines 8 -10)		<u>65,800,454</u>		<u>43,400,792</u>	
12	TOTAL OTHER TAXES	Attachment 7, Line 2, Col. (E)	2,282,884	DA	2,282,884	
13	INCOME TAXES	(Note G)				
14	Total Income Taxes	Attachment 15, Line 22	19,967,955	DA	19,967,955	
15	RETURN	[Rate Base (page 2, line 31) * Rate of Return (page 4, line 21, col. 6)]	377,449,149	NA	85,097,364	
16	GROSS REV. REQUIREMENT (WITHOUT INCENTIVE)	(sum lines 6, 11, 12, 14, 15)	<u>504,053,770</u>		<u>189,302,324</u>	
17	ADDITIONAL INCENTIVE REVENUE	Attachment 11, Page 2, Line 4, Col. 11 (Note Q)	0		0	
18	GROSS REV. REQUIREMENT	(line 16 + line 17)	<u>504,053,770</u>		<u>189,302,324</u>	

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data
Jersey Central Power & Light

For the 12 months ended 12/31/2022

SUPPORTING CALCULATIONS AND NOTES

Line No.	(1)	(2)	(3)	(4)	(5)	(6)
TRANSMISSION PLANT INCLUDED IN ISO RATES						
1	Total transmission plant (page 2, line 2, column 3)					1,980,442,867
2	Less transmission plant excluded from ISO rates (Note H)					-
3	Less transmission plant included in OATT Ancillary Services (Note I)					-
4	Transmission plant included in ISO rates (line 1 less lines 2 & 3)					1,980,442,867
5	Percentage of transmission plant included in ISO Rates (line 4 divided by line 1)				TP=	1.00000
TRANSMISSION EXPENSES						
6	Total transmission expenses (Attachment 20, Line 26, Col. C)					39,399,165
7	Less transmission expenses included in OATT Ancillary Services (Note B)					1,511,576
8	Included transmission expenses (line 6 less line 7)					37,887,589
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)					0.96163
10	Percentage of transmission plant included in ISO Rates (line 5)				TP	1.00000
11	Percentage of transmission expenses included in ISO Rates (line 9 times line 10)				TE=	0.96163
WAGES & SALARY ALLOCATOR (W&S)						
	Form 1 Reference	\$	TP	Allocation		
12	Production	354.20.b	-	0.00	-	
13	Transmission	354.21.b	8,159,549	1.00	8,159,549	
14	Distribution	354.23.b	59,068,037	0.00	-	W&S Allocator
15	Other	354.24, 354.25, 354.26.b	16,001,508	0.00	-	(\$ / Allocation)
16	Total (sum lines 12-15)		83,229,094		8,159,549	= 0.0980 = WS
RETURN (R)						
17	Preferred Dividends (118.29c) (positive number)					-
Cost (Note K) Weighted						
18	Long Term Debt (Attachment 8, Line 14, Col. 7) (Note O)	\$	%	Cost (Note K)	Weighted	
19	Preferred Stock (112.3d) (Attachment 8, Line 14, Col. 2) (Note O)	2,150,000,000	50%	0.0458	0.0230 =WCLTD	
20	Common Stock Attachment 8, Line 14, Col. 6) (Note O)	-	0%	0.0000	0.0000	
21	Total (sum lines 18-20)	2,134,220,204	50%	10.2%	0.0508	
		4,284,220,204			0.0738 =ROR	
REVENUE CREDITS						
ACCOUNT 447 (SALES FOR RESALE) (310-311) (Note L)						
22	a. Bundled Non-RQ Sales for Resale (311.x.h)					-
23	b. Bundled Sales for Resale included in Divisor on page 1					-
24	Total of (a)-(b)					-

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2022

Jersey Central Power & Light

General Note: References to pages in this formulary rate are indicated as: (page#, line#, col.#)
References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

Note
Letter

- A As provided by PJM and in effect at the time of the annual rate calculations pursuant to Section 34.1 of the PJM OATT.
- B Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including Account Nos. 561.1 - 561.3, and 561.X., and related to generation step-up facilities, which are deemed included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- C Transmission-related only
- D The balances in Accounts 190, 281, 282 and 283, should exclude all FASB 106 or 109 related amounts. For example, any and all amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109 should be excluded. The balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note G. Account 281 is not allocated.
- E Identified in Form 1 as being only transmission related.
- F Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission at page 3, line 6, column 5 minus amortization of regulatory assets (page 3, line 5, col. 5). Total company Prepayments are the electric related prepayments booked to Account No. 165 and reported on Page 111, line 57 in the Form 1. JCP&L to include transmission prepayments only.
- G 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". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, 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) multiplied by (1/(1-T)).
- H Removes transmission plant determined by Commission order to be state-jurisdictional according to the seven-factor test (until Form 1 balances are adjusted to reflect application of seven-factor test).
- I Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- J Enter dollar amounts
- K Debt cost rate = Attachment 10, Column (j) total. Preferred cost rate = preferred dividends (line 21) / preferred outstanding (line 23). No change in ROE may be made absent a filing with FERC under Section 205 or Section 206 of the Federal Power Act. Per the Settlement Agreement in Docket No. ER20-227-000, JCP&L's stated ROE is set to 10.20% (9.7% base ROE plus 50 basis point adder for RTO participation).
- L Line 22 must equal zero since all short-term power sales must be unbundled and the transmission component reflected in Account No. 456.1 and all other uses are to be included in the divisor.
- M The revenues credited on page 1, Line 2 do not include revenues associated with FERC annual charges, gross receipts taxes, ancillary services, or facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template. The revenue on Line 3 is supported by its own reference.
- N Plant in Service, Accumulated Depreciation, and Depreciation Expense amounts exclude Asset Retirement Obligation and Account 405 amounts unless authorized by FERC.
- O Calculate using a 13 month average balance.
- P Includes only CWIP authorized by the Commission for inclusion in rate base.
- Q Any actual ROE incentive must be approved by the Commission; therefore, line will remain zero until a project(s) is granted an ROE incentive adder.
- R Unamortized Abandoned Plant, Amortization of Abandoned Plant, and Regulatory assets and liabilities will be zero until the Commission accepts or approves recovery or refund. Utility must submit a Section 205 filing to recover or refund.
- S Peak as would be reported on page 401, column d of Form 1 at the time of the zonal peak for the twelve month period ending October 31 of the calendar year used to calculate rates. The projection year will utilize the most recent preceding 12-month period at the time of the filing.

Schedule 1A Rate Calculation

1	\$ 1,511,576	Attachment 20, Lines 2+3+4, Col. C
2	\$ 129,301	Revenue Credits for Sched 1A - Note A
3	\$ 1,382,275	Net Schedule 1A Expenses (Line 1 - Line 2)
4	22,248,472	Annual MWh in JCP&L Zone - Note B
5	\$ 0.0621	Schedule 1A rate \$/MWh (Line 3/ Line 4)

Note:

- A Revenues received pursuant to PJM Schedule 1A revenue allocation procedures for transmission service outside of JCP&L's zone during the year used to calculate rates under Attachment H-4A.
- B Load expressed in MWh consistent with load used for billing under Schedule 1A for the JCP&L zone. Data from RTO settlement systems for the calendar year prior to the rate year.

Incentive ROE Calculation

Attachment H-4A, Attachment 2
page 1 of 1
For the 12 months ended 12/31/2022

Return Calculation		Source Reference		
1	Rate Base	Attachment H-4A, page 2, Line 31, Col. 5	1,153,135,488	
2	Preferred Dividends	enter positive	0	
Common Stock				
3	Proprietary Capital	Attachment 8, Line 14, Col. 1	3,939,659,944	
4	Less Preferred Stock	Attachment 8, Line 14, Col. 2	0	
5	Less Accumulated Other Comprehensive Income Account 219	Attachment 8, Line 14, Col. 4	-5,451,287	
6	Less Account 216.1 & Goodwill	Attachment 8, Line 14, Col. 3 & 5	1,810,891,027	
7	Common Stock	Attachment 8, Line 14, Col. 6	2,134,220,204	
Capitalization				
8	Long Term Debt	Attachment H-4A, page 4, Line 18, Col. 3	2,150,000,000	
9	Preferred Stock	Attachment H-4A, page 4, Line 19, Col. 3	0	
10	Common Stock	Attachment H-4A, page 4, Line 20, Col. 3	2,134,220,204	
11	Total Capitalization	Attachment H-4A, page 4, Line 21, Col. 3	4,284,220,204	
12	Debt %	Total Long Term Debt	Attachment H-4A, page 4, Line 18, Col. 4	50.1842%
13	Preferred %	Preferred Stock	Attachment H-4A, page 4, Line 19, Col. 4	0.0000%
14	Common %	Common Stock	Attachment H-4A, page 4, Line 20, Col. 4	49.8158%
15	Debt Cost	Total Long Term Debt	Attachment H-4A, page 4, Line 18, Col. 5	0.0458
16	Preferred Cost	Preferred Stock	Attachment H-4A, page 4, Line 19, Col. 5	0.0000
17	Common Cost	Common Stock		0.1020
18	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 12 * Line 15)	0.0230
19	Weighted Cost of Preferred	Preferred Stock	(Line 13 * Line 16)	0.0000
20	Weighted Cost of Common	Common Stock	(Line 14 * Line 17)	0.0508
21	Rate of Return on Rate Base (ROR)		(Sum Lines 18 to 20)	0.0738
22	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 21)	85,097,364
Income Taxes				
Income Tax Rates				
23	$T = 1 - (((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p)) =$	T from Attachment 15, line 8	28.11%	
24	$CIT = (T/1-T) * (1-(WCLTD/R)) =$	Calculated	26.92%	
25	$1 / (1 - T) =$ (from line 23)		1.3910	
26	Amortized Investment Tax Credit (266.8.f) (enter negative)	Attachment 15, line 17	(131,199)	
27	Tax Effect of Permanent Differences and AFUDC Equity	Attachment 15, line 16	164,592	
28	(Excess)/Deficient Deferred Income Taxes	Attachment 15, line 18	(2,246,499)	
29	Income Tax Calculation	(line 22 * line 24)	22,910,803	
30	ITC adjustment	Line 25 * Line 26 * GP	(46,887)	
31	Permanent Differences and AFUDC Equity Tax Adjustment	Line 25 * Line 27	228,950	
32	(Excess)/Deficient Deferred Income Tax Adjustment	Line 25 * Line 28	(3,124,911)	
33	Total Income Taxes	Sum lines 29 to 32	19,967,955	
Increased Return and Taxes				
34	Return and Income taxes with increase in ROE	(Line 22 + Line 33)	105,065,319.41	
35	Return without incentive adder	Attachment H-4A, Page 3, Line 15, Col. 5	85,097,364.23	
36	Income Tax without incentive adder	Attachment H-4A, Page 3, Line 14, Col. 5	19,967,955.18	
37	Return and Income taxes <u>without</u> increase in ROE	Line 35 + Line 36	105,065,319.41	
38	Return and Income taxes with increase in ROE	Line 34	105,065,319.41	
39	Incremental Return and incomes taxes for increase in ROE	Line 38 - Line 37	-	
40	Rate Base	Line 1	1,153,135,487.63	
41	Incremental Return and incomes taxes for increase in ROE divided by rate base	Line 39 / Line 40	-	

Notes:
Line 17 to include an incentive ROE that is used only to determine the increase in return and incomes taxes associated with a specific increase in ROE. Any actual ROE incentive must be approved by the Commission. Until an ROE incentive is approved, line 17 will reflect the current ROE.

Attachment H-4A, Attachment 3

page 1 of 1

Gross Plant Calculation

For the 12 months ended 12/31/2022

		[1]	[2]	[3]	[4]	[5]	[6]	
		Production	Transmission	Distribution	Intangible	General	Total	
1	December	2021	308	1,910,406,436	5,398,528,005	158,859,612	264,793,876	7,732,588,237
2	January	2022	308	1,916,883,142	5,409,036,736	159,263,173	265,847,767	7,751,031,126
3	February	2022	308	1,918,995,396	5,417,895,402	159,713,262	267,669,283	7,764,273,651
4	March	2022	308	1,923,138,567	5,424,670,252	161,510,358	269,239,751	7,778,559,236
5	April	2022	308	1,951,061,757	5,432,431,176	162,006,316	270,074,236	7,815,573,792
6	May	2022	308	1,958,379,646	5,440,309,360	162,614,164	271,054,804	7,832,358,282
7	June	2022	308	1,981,254,001	5,454,926,117	163,723,757	271,992,026	7,871,896,208
8	July	2022	308	1,984,393,417	5,464,189,386	164,316,950	272,765,116	7,885,665,176
9	August	2022	308	1,990,306,579	5,472,674,770	165,149,838	274,215,987	7,902,347,482
10	September	2022	308	1,999,683,109	5,480,753,998	166,064,274	276,126,803	7,922,628,492
11	October	2022	308	2,035,829,967	5,489,812,198	191,307,007	277,660,315	7,994,609,795
12	November	2022	308	2,048,877,135	5,499,209,294	192,032,014	278,663,544	8,018,782,295
13	December	2022	308	2,126,548,125	5,510,866,851	223,311,368	282,667,112	8,143,393,765
14	13-month Average	[A] [C]	308	1,980,442,867	5,453,484,888	171,528,623	272,520,817	7,877,977,503
			Production	Transmission	Distribution	Intangible	General	Total
		[B]	205.46.g	207.58.g	207.75.g	205.5.g	207.99.g	
15	December	2021	308	1,910,409,847	5,398,573,662	158,859,612	266,389,487	7,734,232,915
16	January	2022	308	1,916,886,552	5,409,082,393	159,263,173	267,443,378	7,752,675,804
17	February	2022	308	1,918,998,806	5,417,941,058	159,713,262	269,264,895	7,765,918,329
18	March	2022	308	1,923,141,977	5,424,715,908	161,510,358	270,835,363	7,780,203,914
19	April	2022	308	1,951,065,167	5,432,476,832	162,006,316	271,669,847	7,817,218,471
20	May	2022	308	1,958,383,056	5,440,355,017	162,614,164	272,650,415	7,834,002,960
21	June	2022	308	1,981,257,412	5,454,971,773	163,723,757	273,587,637	7,873,540,887
22	July	2022	308	1,984,396,828	5,464,235,042	164,316,950	274,360,727	7,887,309,855
23	August	2022	308	1,990,309,989	5,472,720,426	165,149,838	275,811,598	7,903,992,160
24	September	2022	308	1,999,686,520	5,480,799,655	166,064,274	277,722,414	7,924,273,170
25	October	2022	308	2,035,833,377	5,489,857,855	191,307,007	279,255,926	7,996,254,473
26	November	2022	308	2,048,880,546	5,499,254,951	192,032,014	280,259,156	8,020,426,974
27	December	2022	308	2,126,551,536	5,510,912,508	223,311,368	284,262,724	8,145,038,443
28	13-month Average		308	1,980,446,278	5,453,530,545	171,528,623	274,116,428	7,879,622,181

Asset Retirement Costs			Production	Transmission	Distribution	Intangible	General
		[B]	205.44.g	207.57.g	207.74.g	company records	207.98.g
29	December	2021		3,410	45,657		1,595,611
30	January	2022		3,410	45,657		1,595,611
31	February	2022		3,410	45,657		1,595,611
32	March	2022		3,410	45,657		1,595,611
33	April	2022		3,410	45,657		1,595,611
34	May	2022		3,410	45,657		1,595,611
35	June	2022		3,410	45,657		1,595,611
36	July	2022		3,410	45,657		1,595,611
37	August	2022		3,410	45,657		1,595,611
38	September	2022		3,410	45,657		1,595,611
39	October	2022		3,410	45,657		1,595,611
40	November	2022		3,410	45,657		1,595,611
41	December	2022		3,410	45,657		1,595,611
42	13-month Average		-	3,410	45,657	-	1,595,611

Notes:

[A] Taken to Attachment H-4A, page 2, lines 1-4, Col. 3

[B] Reference for December balances as would be reported in FERC Form 1.

[C] Balance excludes Asset Retirements Costs

Attachment H-4A, Attachment 4

page 1 of 1

Accumulated Depreciation Calculation

For the 12 months ended 12/31/2022

			[1]	[2]	[3]	[4]	[5]	[6]	
			Production	Transmission	Distribution	Intangible	General	Total	
1	December	2021	(31)	456,328,127	1,645,891,489	109,019,528	97,130,377	2,308,369,490	
2	January	2022	(31)	457,630,838	1,654,392,487	109,997,397	97,193,025	2,319,213,716	
3	February	2022	(30)	459,425,871	1,663,066,831	110,978,822	97,863,244	2,331,334,738	
4	March	2022	(30)	460,764,734	1,671,890,422	111,969,611	98,566,970	2,343,191,707	
5	April	2022	(29)	459,644,753	1,680,683,176	112,969,954	99,356,028	2,352,653,883	
6	May	2022	(28)	460,938,536	1,689,457,991	113,974,896	100,131,182	2,364,502,577	
7	June	2022	(28)	461,116,753	1,697,333,575	114,986,994	100,913,693	2,374,350,988	
8	July	2022	(27)	463,733,715	1,706,136,756	115,896,814	101,716,551	2,387,483,810	
9	August	2022	(26)	465,535,600	1,714,985,795	116,812,576	102,447,278	2,399,781,223	
10	September	2022	(26)	466,754,661	1,723,658,067	117,735,619	103,132,450	2,411,280,770	
11	October	2022	(25)	464,922,841	1,732,346,684	118,767,650	103,865,266	2,419,902,415	
12	November	2022	(25)	465,826,679	1,740,982,406	119,907,879	104,660,833	2,431,377,772	
13	December	2022	(24)	459,605,664	1,749,286,033	121,181,460	105,127,655	2,435,200,788	
14	13-month Average	[A] [C]	(28)	461,709,906	1,697,700,901	114,938,400	100,931,119	2,375,280,298	
				Production	Transmission	Distribution	Intangible	General	Total
			[B]	219.20-24.c	219.25.c	219.26.c	200.21.c	219.28.c	
15	December	2021	(31)	456,329,773	1,645,921,173	109,019,528	97,924,512	2,309,194,955	
16	January	2022	(31)	457,632,488	1,654,422,245	109,997,397	97,993,928	2,320,046,028	
17	February	2022	(30)	459,427,525	1,663,096,663	110,978,822	98,670,917	2,332,173,896	
18	March	2022	(30)	460,766,391	1,671,920,327	111,969,611	99,381,411	2,344,037,712	
19	April	2022	(29)	459,646,415	1,680,713,156	112,969,954	100,177,239	2,353,506,735	
20	May	2022	(28)	460,940,202	1,689,488,045	113,974,896	100,959,161	2,365,362,275	
21	June	2022	(28)	461,118,423	1,697,363,702	114,986,994	101,748,441	2,375,217,533	
22	July	2022	(27)	463,735,389	1,706,166,957	115,896,814	102,558,067	2,388,357,201	
23	August	2022	(26)	465,537,278	1,715,016,070	116,812,576	103,295,564	2,400,661,461	
24	September	2022	(26)	466,756,343	1,723,688,415	117,735,619	103,987,504	2,412,167,855	
25	October	2022	(25)	464,924,527	1,732,377,106	118,767,650	104,727,089	2,420,796,346	
26	November	2022	(25)	465,828,368	1,741,012,902	119,907,879	105,529,425	2,432,278,549	
27	December	2022	(24)	459,607,358	1,749,316,603	121,181,460	106,003,016	2,436,108,412	
28	13-month Average		(28)	461,711,575	1,697,731,028	114,938,400	101,765,867	2,376,146,843	

Reserve for Depreciation of Asset Retirement Costs

			Production	Transmission	Distribution	Intangible	General
			Company Records	Company Records	Company Records	Company Records	Company Records
29	December	2021		1,646	29,684		794,135
30	January	2022		1,650	29,758		800,904
31	February	2022		1,654	29,832		807,673
32	March	2022		1,658	29,906		814,441
33	April	2022		1,662	29,980		821,210
34	May	2022		1,666	30,053		827,979
35	June	2022		1,670	30,127		834,748
36	July	2022		1,674	30,201		841,517
37	August	2022		1,678	30,275		848,286
38	September	2022		1,682	30,348		855,054
39	October	2022		1,686	30,422		861,823
40	November	2022		1,690	30,496		868,592
41	December	2022		1,694	30,570		875,361
42	13-month Average		-	1,670	30,127	-	834,748

Notes:

- [A] Taken to Attachment H-4A, page 2, lines 7-10, Col. 3
[B] Reference for December balances as would be reported in FERC Form 1.
[C] Balance excludes reserve for depreciation of asset retirement costs

Ln.	Text Description	(A) Allocator	(B) Allocator Output	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
					2021 December 31 Balance	2022 March Balance	2022 June Balance	2022 September Balance	2022 December Balance	To Rate Base (f)	Total
1 FERC Account No. 190 (e)											
1.01	Accrued Taxes: FICA on Vacation Accrual	WS	0.0980	291,249	294,586	297,922	301,259	304,596	29,862		
1.02	Accrued Taxes: Tax Audit Reserves	GP	0.2569	56,220	49,193	42,165	35,138	28,110	7,222		
1.03	Accumulated Provision For Injuries and Damage-General Liability	WS	0.0980	513,476	606,708	699,939	793,171	886,402	86,900		
1.04	Accumulated Provision For Injuries and Damage-Workers Compensation	WS	0.0980	1,063,505	1,013,105	962,706	912,306	861,906	84,499		
1.05	Company Debt - Issuance Discount	GP	0.2569	69,150	63,056	56,962	50,867	44,773	11,503		
1.06	Deferral of Federal Social Security Taxes (Employer Portion)	WS	0.0980	841,028	630,771	420,514	210,257	0	0		
1.07	FAS 112 - Medical Benefit Accrual	WS	0.0980	4,131,312	4,133,564	4,135,816	4,138,068	4,140,320	405,905		
1.08	FAS 123R - Performance Shares	WS	0.0980	32,303	24,227	16,151	8,076	-	-		
1.09	FAS 123R - Restricted Stock	WS	0.0980	86,424	90,746	95,067	99,388	103,709	10,167		
1.10	FAS 123R - Restricted Stock Units	WS	0.0980	386,876	414,267	441,657	469,048	496,439	48,670		
1.11	Federal NOL - Protected	DA	1.0000	4,160,198	4,160,198	4,160,198	4,160,198	3,617,766	3,617,766		
1.12	Federal NOL - Non-protected	DA	1.0000	6,589,668	6,589,668	6,589,668	6,589,668	5,730,466	5,730,466		
1.13	General Business Credit Carryforward	WS	0.0980	1,386,989	1,386,989	1,386,989	1,386,989	1,386,989	135,977		
1.14	GR&F Tax Audit	GP	0.2569	372,613	372,613	372,613	372,613	372,613	95,730		
1.15	ITC FAS 109	DA	1.0000	544,507	531,682	518,857	506,032	493,206	493,206		
1.16	Lease ROU Asset & Liability	GP	0.2569	4,296,409	4,110,606	3,924,804	3,739,001	3,553,199	912,873		
1.17	NOL Deferred Tax Asset - LT NJ	GP	0.2569	38,914,452	38,914,452	38,914,452	38,914,452	39,324,429	10,103,064		
1.18	Pension EDCP-SERP Payments	WS	0.0980	1,847,328	1,850,990	1,854,653	1,858,315	1,861,977	182,543		
1.19	Pension OPEB - Other Deferred Credit or Debit	WS	0.0980	76,987,716	76,987,716	76,987,716	76,987,716	76,987,716	7,547,662		
1.20	Pensions and Benefits in Excess of Max	WS	0.0980	759,782	752,045	744,308	736,571	728,835	71,453		
1.21	Pensions Expense	WS	0.0980	17,630,498	14,032,788	10,435,079	6,837,369	3,239,660	317,607		
1.22	Post Retirement Benefits SFAS 106 Accrual	WS	0.0980	75,394,194	75,273,574	75,152,954	75,032,335	74,911,715	7,344,136		
1.23	Capitalized Pay Accrual	WS	0.0980	3,360,609	3,404,225	3,447,842	3,491,458	3,535,075	346,569		
1.24	Capitalized Interest	DA	1.0000	8,408,680	8,420,066	8,431,452	8,442,838	8,454,224	8,454,224		
1.25	Contribution in Aid of Construction	DA	1.0000	9,617,614	9,849,442	10,081,269	10,313,097	10,544,924	10,544,924		
1.26	FAS109 Related to Property	DA	1.0000	(1,910,903)	(1,859,021)	(1,807,138)	(1,755,256)	(1,703,374)	(1,703,374)		
2	Sum of Lines 1.01 through 1.26			255,831,897	252,098,257	248,364,616	244,630,975	239,905,677	54,879,555		
3 FERC Account No. 190 ADIT Adjustments											
3.01	FAS 109 - Non-property	DA	1.0000	(12,853,645)	(12,468,000)	(12,082,355)	(11,696,710)	(11,311,066)	(11,311,066)		
3.02	FAS109 Related to Property	DA	1.0000	(1,910,903)	(1,859,021)	(1,807,138)	(1,755,256)	(1,703,374)	(1,703,374)		
3.03	ITC FAS 109	DA	1.0000	544,507	531,682	518,857	506,032	493,206	493,206		
3.04	Contribution in Aid of Construction	DA	1.0000	9,617,614	9,849,442	10,081,269	10,313,097	10,544,924	10,544,924		
3.05	Post Retirement Benefits SFAS 106 Accrual	WS	0.0980	75,394,194	75,273,574	75,152,954	75,032,335	74,911,715	7,344,136		
3.06	Normalization (d)			-	-	-	-	(3,245,955)	(3,245,955)		
4	Sum of Lines 3.01 through 3.06			70,791,767	71,327,677	71,863,587	72,399,497	69,689,472	2,121,893		
5 FERC Account No. 281											
5.01				-	-	-	-	-	-		
6	Sum of Lines 5.01 through 5.01			-	-	-	-	-	-		
7 FERC Account No. 281 ADIT Adjustments											
7.01				-	-	-	-	-	-		
8	Sum of Lines 7.01 through 7.01			-	-	-	-	-	-		
9 FERC Account No. 282 (e)											
9.01	263A Capitalized Overheads	DA	1.0000	78,734,387	80,100,591	81,466,794	82,832,998	84,199,201	84,199,201		
9.02	Accelerated Depreciation	DA	1.0000	276,321,693	278,021,288	279,720,883	281,420,478	283,120,074	283,120,074		
9.03	AFUDC	DA	1.0000	7,329,883	7,373,616	7,417,349	7,461,082	7,504,815	7,504,815		
9.04	AFUDC Equity (FAS109)	DA	1.0000	3,577,005	3,573,208	3,569,413	3,565,617	3,561,821	3,561,821		
9.05	Capitalized Tree Trimming	DA	1.0000	2,866,863	2,822,167	2,777,471	2,732,775	2,688,079	2,688,079		
9.06	Casualty Loss	DA	1.0000	5,665,977	5,083,912	4,501,848	3,919,783	3,337,719	3,337,719		
9.07	OPEBs	DA	1.0000	419,065	428,065	437,065	446,065	455,065	455,065		
9.08	Other	DA	1.0000	847,405	786,208	725,010	663,813	602,616	602,616		
9.09	Pension and Capitalized Benefits	DA	1.0000	13,778,609	13,661,720	13,544,832	13,427,943	13,311,055	13,311,055		
9.10	Tax Requirs	DA	1.0000	38,505,325	41,771,912	45,038,100	48,304,287	51,570,475	51,570,475		
9.11	FAS109 Related to Property	DA	1.0000	(117,545,061)	(116,796,092)	(116,047,124)	(115,298,155)	(114,549,187)	(114,549,187)		
10	Sum of Lines 9.01 through 9.11			310,501,550	317,026,596	323,551,641	330,076,687	336,601,733	336,601,733		
11 FERC Account No. 282 ADIT Adjustments											
11.01	FAS 109 - Non-property	DA	1.0000	(242)	(232)	(222)	(212)	(202)	(202)		
11.02	FAS109 Related to Property	DA	1.0000	(117,545,061)	(116,796,092)	(116,047,124)	(115,298,155)	(114,549,187)	(114,549,187)		
11.03	AFUDC Equity (FAS109)	DA	1.0000	3,577,005	3,573,208	3,569,413	3,565,617	3,561,821	3,561,821		
11.04	OPEBs/FAS 106	DA	1.0000	419,065	428,065	437,065	446,065	455,065	455,065		
11.05	Normalization (d)			-	-	-	-	13,812,688	13,812,688		
12	Sum of Lines 11.01 through 11.05			(113,549,233)	(112,595,050)	(111,640,868)	(110,686,685)	(95,919,815)	(95,919,815)		
13 FERC Account No. 283 (e)											
13.01	Deferred Charge-EIB	GP	0.2569	437,773	472,271	506,769	541,267	575,765	147,923		
13.02	FE Service Tax Interest Allocation	WS	0.0980	7,219	7,219	7,219	7,219	7,219	708		
13.03	FE Service Trimming Allocation	WS	0.0980	56,693,741	58,514,743	60,335,745	62,156,747	63,977,749	6,272,201		
13.04	PJM Payable (Receivable)	DA	1.0000	(96,677)	(72,508)	(48,339)	(24,169)	0	0		
13.05	Post Retirement Benefits SFAS 106 Payments	WS	0.0980	37,553,673	38,253,205	38,952,737	39,652,269	40,351,802	3,955,978		
13.06	State Income Tax Deductible	GP	0.2569	4,997,978	4,997,978	4,997,978	4,997,978	4,997,978	1,555,601		
13.07	AFUDC Equity Flow Thru (Gross up)	DA	1.0000	1,398,659	1,475,378	1,552,096	1,628,815	1,705,533	1,705,533		
13.08	Property FAS109	DA	1.0000	(45,214,580)	(44,942,010)	(44,669,439)	(44,396,869)	(44,124,298)	(44,124,298)		
14	Sum of Lines 13.01 through 13.08			55,277,786	58,206,277	61,134,767	64,063,258	66,991,748	(30,886,354)		
15 FERC Account No. 283 ADIT Adjustments											
15.01	FAS 109 - Non-property	DA	1.0000	(5,226,883)	(5,009,097)	(4,791,310)	(4,573,523)	(4,355,736)	(4,355,736)		
15.02	AFUDC Equity Flow Thru (Gross up)	DA	1.0000	1,398,659	1,475,378	1,552,096	1,628,815	1,705,533	1,705,533		
15.03	Property FAS109	DA	1.0000	(45,214,580)	(44,942,010)	(44,669,439)	(44,396,869)	(44,124,298)	(44,124,298)		
15.04	Normalization (d)			-	-	-	-	(15,443)	(15,443)		
15.05	Post Retirement Benefits SFAS 106 Payments	WS	0.0980	37,553,673	38,253,205	38,952,737	39,652,269	40,351,802	3,955,978		
16	Sum of Lines 15.01 through 15.05			(11,489,132)	(10,222,524)	(8,955,916)	(7,689,307)	(6,438,143)	(42,833,966)		
17 FERC Account No. 255 (a)											
17.01				-	-	-	-	-	-		
18	Sum of Lines 17.01 through 17.01			-	-	-	-	-	-		
19	(Line 2 - Line 4 - Line 6 + Line 8 - Line 10 + Line 12 - Line 14 + Line 16 + Line 18)									(391,711,498)	

Notes

- (a) ITC/P&L is including an ITC amortization as part of its income tax calculation on Attachment 15, it does not need to input data for FERC Account No. 255 on this Attachment.
- (b) Allocator must be DA, TE, TP, GP, WS, CE, or EXCL.
- (c) JPC&L may add or remove sublines without making a Section 205 filing.
- (d) Normalization is sourced from Attachment 5a, page 1, col. O for PTRR & Attachment 5b, page 2, col. O for ATRR.
- (e) JPC&L to include only balances attributable to transmission.
- (f) JPC&L to include year-end balances.
- (g) JPC&L shall not include ADIT associated with nonoperating items.

Line		A	B	C	D	E	F	G	H	I
		2022 Quarterly Activity and Balances								
1	PTRR	Beginning 190 (including adjustments) 53,959,021	Q1 Activity (787,747)	Ending Q1 53,171,274	Q2 Activity (787,747)	Ending Q2 52,383,526	Q3 Activity (787,747)	Ending Q3 51,595,779	Q4 Activity (2,084,052)	Ending Q4 49,511,727
2	PTRR	Beginning 190 (including adjustments) 53,959,021	Pro-rated Q1 (595,666)		Pro-rated Q2 (399,269)		Pro-rated Q3 (200,714)		Pro-rated Q4 (5,710)	
3	PTRR	Beginning 282 (including adjustments) 424,050,783	Q1 Activity 5,570,863	Ending Q1 429,621,646	Q2 Activity 5,570,863	Ending Q2 435,192,509	Q3 Activity 5,570,863	Ending Q3 440,763,372	Q4 Activity 5,570,863	Ending Q4 446,334,235
4	PTRR	Beginning 282 (including adjustments) 424,050,783	Pro-rated Q1 4,212,488		Pro-rated Q2 2,823,588		Pro-rated Q3 1,419,425		Pro-rated Q4 15,263	
5	PTRR	Beginning 283 (including adjustments) 11,957,083	Q1 Activity (6,229)	Ending Q1 11,950,854	Q2 Activity (6,229)	Ending Q2 11,944,626	Q3 Activity (6,229)	Ending Q3 11,938,397	Q4 Activity (6,229)	Ending Q4 11,932,169
6	PTRR	Beginning 283 (including adjustments) 11,957,083	Pro-rated Q1 (4,710)		Pro-rated Q2 (3,157)		Pro-rated Q3 (1,587)		Pro-rated Q4 (17)	

		2022 PTRR						
Line	Account	J Estimated Ending Balance (Before Adjustments)	K Projected Activity	L Page 1, row 2,4,6 Column A+B+D+F+H Prorated Ending Balance	M Page 1, row 2,4,6 Column J-L Prorated - Estimated End (Before Adjustments)	N Sum of end ADIT Adjustments	O Normalization	P Line 7= J-N-O Lines 8-9= -J+N+O Ending ADIT Balance Included in Formula Rate
7	PTRR Total Account 190	54,879,555	(4,447,294)	52,757,662	2,121,893	5,367,828	(3,245,935)	52,757,662
8	PTRR Total Account 282	336,601,733	22,283,452	432,521,547	(95,919,815)	(109,732,503)	13,812,688	(432,521,547)
9	PTRR Total Account 283	(30,886,354)	(24,914)	11,947,612	(42,833,966)	(42,818,523)	(15,443)	(11,947,612)
10	PTRR Total ADIT Subject to Normalization	(250,835,824)	(26,705,832)	(391,711,498)	140,875,674	(147,183,198)	10,551,310	(391,711,498)

Notes:

- Attachment 5a will only be populated within the PTRR
- Normalization is calculated using transmission ADIT balances/adjustments only.

Line		A	B	C	D	E	F	G	H	I
2022 Quarterly Activity and Balances										
1	PTRR	Beginning 190 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
2	ATRR			0		0		0		0
3	PTRR	Beginning 190 (including adjustments)	Pro-rated Q1		Pro-rated Q2		Pro-rated Q3		Pro-rated Q4	
4	ATRR	0	0		0		0		0	
5	PTRR	Beginning 282 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
6	ATRR			0		0		0		0
7	PTRR	Beginning 282 (including adjustments)	Pro-rated Q1		Pro-rated Q2		Pro-rated Q3		Pro-rated Q4	
8	ATRR	0	0		0		0		0	
9	PTRR	Beginning 283 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
10	ATRR			0		0		0		0
11	PTRR	Beginning 283 (including adjustments)	Pro-rated Q1		Pro-rated Q2		Pro-rated Q3		Pro-rated Q4	
12	ATRR	0	0		0		0		0	

Line	Account	A	B	C		D	E	F	G
		Estimated Ending Balance (Before Adjustments)	Projected Activity	Prorated Ending Balance	Prorated - Estimated End (Before Adjustments)	Sum of end ADIT Adjustments	Normalization	Ending ADIT Balance Included in Formula Rate	
1	PTRR Total Account 190		0	0	-		-	-	
2	PTRR Total Account 282		0	0	-		-	-	
3	PTRR Total Account 283		0	0	-		-	-	
4	PTRR Total ADIT Subject to Normalization	-	-	-	-	-	-	-	

Line	Account	H	I	J		K	L	M	N	O	P
		Actual Ending Balance (Before Adjustments)	Actual Activity	Prorated Ending Balance	Prorated - Actual End (Before Adjustments)	Prorated Activity Not Projected	Sum of end ADIT Adjustments	ADIT Adjustments not projected	Normalization	Ending ADIT Balance Included in Formula Rate	
5	ATRR Total Account 190		0	0	-	-		-	-	-	
6	ATRR Total Account 282		0	0	-	-		-	-	-	
7	ATRR Total Account 283		0	0	-	-		-	-	-	
8	ATRR Total ADIT Subject to Normalization	-	-	-	-	-	-	-	-	-	

- Notes:**
- Attachment 5b will only be populated within the ATRR
 - Normalization is calculated using transmission ADIT balances/adjustments only.

Attachment H-4A, Attachment 6
page 1 of 1
For the 12 months ended 12/31/2022

1 **Calculation of PBOP Expenses**

2 **JCP&L**

	<u>Amount</u>	<u>Source</u>
3 Total FirstEnergy PBOP expenses	-\$155,537,000	FirstEnergy 2018 Actuarial Study
4 Labor dollars (FirstEnergy)	\$2,363,633,077	FirstEnergy 2018 Actual: Company Records
5 cost per labor dollar (line 3 / line 4)	-\$0.0658	
6 labor (labor not capitalized) current year, transmission only	8,058,402	JCP&L Labor: Company Records
7 PBOP Expense for current year (line 5 * line 6)	-\$530,277	
8 PBOP expense in Account 926 for current year, total company	(4,773,464)	JCP&L Account 926: Company Records
9 W&S Labor Allocator	9.804%	
10 Allocated Transmission PBOP (line 8 * line 9)	(467,977)	
11 PBOP Adjustment for Attachment H-4A, page 3, line 3 (line 7 - line 10)	(62,300)	

12 Lines 3-4 cannot change absent a Section 205 or 206 filing approved or accepted by FERC in a separate proceeding

Attachment H-4A, Attachment 7
page 1 of 1
For the 12 months ended 12/31/2022

Ln.	(A) Description	(B) Allocator	(C) Amount	(D) Allocator Output	(E) To Transmission
1	Taxes Other Than Income				
1.01	FICA & Unemployment Taxes	263.i WS	6,322,441	0.0980	619,835
1.02	Heavy Highway Use Tax	263.i WS	1,786	0.0980	175
1.03	Federal Excise Tax	263.i WS	5,349	0.0980	524
1.04	Local Real Estate	263.i GP	6,467,164	0.2569	1,661,516
1.05	PA PURTA Tax	263.i GP	100	0.2569	26
1.06	Sales & Use Tax	263.i GP	3,147	0.2569	809
2	Sum of Lines 1.01 through 1.06		12,799,987		2,282,884
3	FF1, Page 115.14g		-		

Notes

(a) Gross receipts taxes are not included in transmission revenue requirement in the Formula Rate Template since they are recovered elsewhere.

(b) Allocator must be DA, TE, TP, GP, WS, CE, or EXCL.

(c) JCP&L may add or remove sublines applicable to the transmission revenue requirement without an FPA Section 205 filing.

Capital Structure Calculation

For the 12 months ended 12/31/2022

		[1]	[2]	[3]	[4]	[5]	[6]	[7]	
		Proprietary	Preferred Stock	Account 216.1	Account 219	Goodwill	Common Stock	Long Term Debt	
		Capital							
	[A]	112.16.c	112.3.c	112.12.c	112.15.c	233.XX.f	(1) - (2) - (3) - (4) - (5)	112.18-21.c	
1	December	2021	3,856,092,357		(45,098)	(5,630,042)	1,810,936,125	2,050,831,372	2,150,000,000
2	January	2022	3,870,918,079		(45,098)	(5,600,249)	1,810,936,125	2,065,627,301	2,150,000,000
3	February	2022	3,883,945,267		(45,098)	(5,570,457)	1,810,936,125	2,078,624,697	2,150,000,000
4	March	2022	3,878,143,546		(45,098)	(5,540,664)	1,810,936,125	2,072,793,184	2,150,000,000
5	April	2022	3,890,946,229		(45,098)	(5,510,872)	1,810,936,125	2,085,566,074	2,150,000,000
6	May	2022	3,905,291,611		(45,098)	(5,481,080)	1,810,936,125	2,099,881,664	2,150,000,000
7	June	2022	3,914,466,468		(45,098)	(5,451,287)	1,810,936,125	2,109,026,729	2,150,000,000
8	July	2022	3,954,957,385		(45,098)	(5,421,495)	1,810,936,125	2,149,487,852	2,150,000,000
9	August	2022	3,993,295,086		(45,098)	(5,391,702)	1,810,936,125	2,187,795,761	2,150,000,000
10	September	2022	3,999,849,637		(45,098)	(5,361,910)	1,810,936,125	2,194,320,520	2,150,000,000
11	October	2022	4,013,524,595		(45,098)	(5,332,118)	1,810,936,125	2,207,965,686	2,150,000,000
12	November	2022	4,026,807,689		(45,098)	(5,302,325)	1,810,936,125	2,221,218,987	2,150,000,000
13	December	2022	4,027,341,324		(45,098)	(5,272,533)	1,810,936,125	2,221,722,830	2,150,000,000
14	13-month Average		3,939,659,944	-	(45,098)	(5,451,287)	1,810,936,125	2,134,220,204	2,150,000,000

Notes:

[A] Reference for December balances as would be reported in FERC Form 1.

Stated Value Inputs**Formula Rate Protocols
Section VIII.A****1. Rate of Return on Common Equity ("ROE")**

JCP&L's stated ROE is set to: 10.2%

2. Postretirement Benefits Other Than Pension ("PBOP")**sometimes referred to as Other Post Employment Benefits, or "OPEB"*

Total FirstEnergy PBOP expenses	-\$155,537,000
Labor dollars (FirstEnergy)	\$2,363,633,077
cost per labor dollar	\$-0.0658

3. Depreciation Rates (1)(2)

FERC Account	Depr. %
350.2	1.53%
352	1.14%
353	2.28%
354	0.83%
355	1.81%
356	2.14%
356.1	1.04%
357	1.32%
358	1.67%
359	1.10%
389.2	3.92%
390.1	1.51%
390.2	0.46%
391.1	4.00%
391.15	5.00%
391.2	20.00%
391.25	20.00%
392	3.84%
393	3.33%
394	4.00%
395	5.00%
396	3.03%
397	5.00%
398	5.00%

Note: (1) Account 303 amortization period is 7 years.

(2) Accounts 391.10, 391.15, 391.20, 391.25, 393, 394, 395, 397, and 398 have an unrecovered reserve to be amortized over 5 years separately from the assets in these accounts beginning January 1, 2020 through December 31, 2025; Per the Settlement Agreement in Docket No. ER20-227-000.

Debt Cost Calculation

TABLE 1: Summary Cost of Long Term Debt

CALCULATION OF COST OF DEBT										
YEAR ENDED 12/31/2022										
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Long Term Debt	Issue Date	Maturity Date	ORIGINAL ISSUANCE (table 2, col. cc)	Net Proceeds At Issuance (table 2, col. gg)	Net Amount Outstanding at t=N	Months Outstanding at t=N	Average Net Outstanding in Year* z ² ((col. e. * col. F)/12)	Weighted Outstanding Ratios (col. g/col. g total)	Effective Cost Rate (Table 2, Col. kk)	Weighted Debt Cost at t = N (h) * (i)
Final Mortgage Bonds:										
(1) 6.40% Series	5/12/2006	5/15/2036	\$ 200,000,000	\$ 196,437,127	\$ 199,019,480	12	\$ 199,019,479.82	9.29%	6.54%	0.61%
(2) 6.15% Series	5/16/2007	6/1/2037	\$ 300,000,000	\$ 295,979,779	\$ 298,070,851	12	\$ 298,070,850.76	13.92%	6.25%	0.87%
(3) 4.30% Series	2/8/2019	1/15/2026	\$ 400,000,000	\$ 402,863,753	\$ 401,256,072	12	\$ 401,256,071.69	18.74%	4.18%	0.78%
(4) 4.70% Series	8/21/2013	4/1/2024	\$ 500,000,000	\$ 493,197,650	\$ 499,197,969	12	\$ 499,197,968.54	23.31%	4.87%	1.13%
(5) 4.30% Series	8/18/2015	1/15/2026	\$ 250,000,000	\$ 247,086,512	\$ 246,148,860	12	\$ 246,148,859.95	11.63%	4.44%	0.52%
(6) 2.75% Series	6/10/2021	3/1/2032	\$ 500,000,000	\$ 493,922,500	\$ 494,805,343	12	\$ 494,805,343.38	23.11%	2.88%	0.67%
			\$ 2,150,000,000		\$ 2,141,498,574		\$ 2,141,498,574	100.000%		4.58% **

t = time
The current portion of long term debt is included in the Net Amount Outstanding at t = N in these calculations.
The outstanding amount (column (e)) for debt retired during the year is the outstanding amount at the last month it was outstanding.
* z = Average of monthly balances for months outstanding during the year (average of the balances for the 12 months of the year, with zero in months that the issuance is not outstanding in a month).
Interim (individual debenture) debt cost calculations shall be taken to four decimals in percentages (7.9300%, 6.2582%, etc.). Final Total Weighted Average Debt Cost for the Formula Rate shall be rounded to two decimals of a percent (7.03%).
** This Total Weighted Average Debt Cost will be shown on page 4, line 18, column 5 of Formula rate Attachment H-4A.

TABLE 2: Effective Cost Rates For Traditional Front-Loaded Debt Issuances:

YEAR ENDED 12/31/2022											
Long Term Debt Affiliate	(aa) Issue Date	(bb) Maturity Date	(cc) Amount Issued	(dd) (Discount) Premium at Issuance	(ee) Issuance Expense	(ff) Loss/Gain on Reacquired Debt	(gg) Net Proceeds (col. cc + col. dd - col. ee - col. ff)	(hh) Net Proceeds Ratio ((col. gg / col. cc)*100)	(ii) Coupon Rate Percentage (%)	(jj) Annual Interest (col. cc * col. ii)	(kk) Effective Cost Rate* (Yield to Maturity at Issuance, t = 0)
(1) 6.40% Series	5/12/2006	5/15/2036	\$ 200,000,000	\$ (1,216,000)	\$ 2,346,873		\$ 196,437,127	98.2186	6.40%	\$ 12,800,000	6.54%
(2) 6.15% Series	5/16/2007	6/1/2037	\$ 300,000,000	\$ (3,693,000)	\$ 327,221		\$ 295,979,779	98.6599	6.15%	\$ 18,450,000	6.25%
(3) 4.30% Series	2/8/2019	1/15/2026	\$ 400,000,000	\$ 5,884,000	\$ 3,020,247		\$ 402,863,753	100.7159	4.30%	\$ 17,200,000	4.18%
(4) 4.70% Series	8/21/2013	4/1/2024	\$ 500,000,000	\$ (2,595,000)	\$ 4,207,350		\$ 493,197,650	98.6395	4.70%	\$ 23,500,000	4.87%
(5) 4.30% Series	8/18/2015	1/15/2026	\$ 250,000,000	\$ (800,000)	\$ 2,113,488		\$ 247,086,512	98.8346	4.30%	\$ 10,750,000	4.44%
(6) 2.75% Series	6/10/2021	3/1/2032	\$ 500,000,000	\$ (1,370,000)	\$ 4,707,500		\$ 493,922,500	98.7845	2.75%	\$ 13,750,000	2.88%
TOTALS			\$ 2,150,000,000	\$ (3,790,000)	\$ 16,722,679		\$ 2,129,487,321			\$ 96,450,000	

* YTM at issuance calculated from an acceptable bond table or from YTM = Internal Rate of Return (IRR) calculation
Effective Cost Rate of Individual Debenture (YTM at issuance): the IY Cashflow C_t equals Net Proceeds column (gg); Semi-annual (or other) interest cashflows (C_{1/2}, C_{3/4}, etc.)

Transmission Enhancement Charge (TEC) Worksheet
To be completed in conjunction with Attachment H-4A

(1)	(2)	(3)	(4)
Line No.	Reference	Transmission	Allocator
1	Gross Transmission Plant - Total Attach. H-4A, p. 2, line 2, col. 5 (Note A)	\$ 1,980,442,867	
2	Net Transmission Plant - Total Attach. H-4A, p. 2, line 14, col. 5 (Note B)	\$ 1,518,732,962	
O&M EXPENSE			
3	Total O&M Allocated to Transmission Attach. H-4A, p. 3, line 6, col. 5	\$ 38,553,308	
4	Annual Allocation Factor for O&M (line 3 divided by line 1, col. 3)	1.946702%	1.946702%
GENERAL & INTANGIBLE (G & I) DEPRECIATION EXPENSE			
5	Total G & I depreciation expense Attach. H-4A, p. 3, line 9, col. 5	\$ 2,434,691	
6	Annual allocation factor for G & I depreciation expense (line 5 divided by line 1, col. 3)	0.122937%	0.122937%
TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes Attach. H-4A, p. 3, line 11, col. 5	\$ 2,282,884	
8	Annual Allocation Factor for Other Taxes (line 7 divided by line 1, col. 3)	0.115271%	0.115271%
9	Annual Allocation Factor for Expense	Sum of line 4, 6, & 8	2.184910%
INCOME TAXES			
10	Total Income Taxes Attach. H-4A, p. 3, line 13, col. 5	\$ 19,967,955	
11	Annual Allocation Factor for Income Taxes (line 10 divided by line 2, col. 3)	1.314777%	1.314777%
RETURN			
12	Return on Rate Base Attach. H-4A, p. 3, line 14, col. 5	\$ 85,007,364	
13	Annual Allocation Factor for Return on Rate Base (line 12 divided by line 2, col. 3)	5.603181%	5.603181%
14	Annual Allocation Factor for Return	Sum of line 11 and 13	6.917959%

Columns 5-6 (page 1) only applies with incentive ROE project(s) (Note F)				
(5)	(6)	(7)	(8)	(9)
Line No.	Reference	Transmission	Allocator	
INCOME TAXES				
10b	Total Income Taxes Attachment 2, line 33	\$ 19,967,955		
11b	Annual Allocation Factor for Income Taxes (line 10b divided by line 2, col. 3)	1.314777%		1.314777%
RETURN				
12b	Return on Rate Base Attachment 2, line 22	\$ 85,007,364		
13b	Annual Allocation Factor for Return on Rate Base (line 12b divided by line 2, col. 3)	5.603181%		5.603181%
14b	Annual Allocation Factor for Return	Sum of line 11b and 13b		6.917959%
15	Additional Annual Allocation Factor for Return	Line 14 b, col. 9 less line 14, col. 4		0.00000%

Transmission Enhancement Charge (TEC) Worksheet
To be completed in conjunction with Attachment H-4A.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
Line No.	Project Name	RTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	Additional Incentive Annual Allocation Factor for Return (Note F)	Total Annual Revenue Requirement	True-up Adjustment	Net Revenue Requirement with True-up
1		(Note C & H)	(Page 1, line 9)	(Col. 3 * Col. 4)	(Note D & H)	Page 1, line 14	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8, & 9)	(Col. 6 * Page 1, line 14, Col. 9)	(Sum Col. 10 & 11)	(Note G)	(Sum Col. 12 & 13)	
2a	Upgrade the Portland - Greystone 230kV circuit	b0174	\$ 12,288,103	2.184910%	\$275,041	\$ 9,088,346	6.917959%	\$928,202	\$ 268,226	\$1,172,859	\$ -	\$1,172,859	\$13,865.88	\$1,186,725
2b	Reconductor the 8 mile Gilbert - Glen Gardens 230 kV circuit	b0296	\$ 5,985,501	2.184910%	\$130,734	\$ 4,664,370	6.917959%	\$321,296	\$ 128,047	\$580,077	\$ -	\$580,077	\$ 5,132.69	\$635,209
2c	Add a 2nd Rantan River 230/115 kV transformer	b0726	\$ 7,324,741	2.184910%	\$160,039	\$ 6,142,734	6.917959%	\$424,556	\$ 167,004	\$751,999	\$ -	\$751,999	\$16,680.13	\$768,679
2d	Build a new 230 kV circuit from Lumbree to Coosawaw	b2015	\$ 171,768,879	2.184910%	\$3,752,596	\$ 154,244,206	6.917959%	\$10,670,550	\$3,383,914	\$17,807,461	\$ -	\$17,807,461	\$56,044.36	\$18,211,505
3	Transmission Enhancement Credit taken to Attachment H-4A Page 1, Line 3, Col. 3													
4	Additional Incentive Revenue taken to Attachment H-4A, Page 3, Line 16											\$0.00	\$20,312,393	

Notes

- A Gross Transmission Plant as that identified on page 2 line 2 of Attachment H-4A.
- B Net Transmission Plant is that identified on page 2 line 14 of Attachment H-4A.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 above. This value includes subsequent capital investments required to maintain the project in-service.
- D Project Net Plant is the Project Gross Plant identified in Column 3 less the associated Accumulated Depreciation.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment H-4A, page 3, line 8.
- F Any actual ROE incentive must be approved by the Commission.
- G True-up adjustment is calculated on the project true-up schedule, attachment 12 column j.
- H Based on a 13-month average.

TEC Worksheet Support
Net Plant Detail

Attachment H-4A, Attachment 11a
page 1 of 2
For the 12 months ended 12/31/2022

Line No.	Project Name	RTEP Project Number	Project Gross Plant	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
				(Note A)	(Note B)	(Note B)	(Note B)	(Note B)	(Note B)	(Note B)	(Note B)	(Note B)	(Note B)	(Note B)	(Note B)	(Note B)
2a	Upgrade the Portland – Greystone 230kV circuit	b0174	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193	\$ 12,588,193
2b	Reconductor the 8 mile Gilbert – Glen Gardner 230 kV circuit	b0268	\$ 5,983,501	\$ 5,983,501	\$ 5,983,501	\$ 5,983,501	\$ 5,983,501	\$ 5,983,501	\$ 5,983,501	\$ 5,983,501	\$ 5,983,501	\$ 5,983,501	\$ 5,983,501	\$ 5,983,501	\$ 5,983,501	\$ 5,983,501
2c	Add a 2nd Raritan River 230/115 kV transformer	b0726	\$ 7,324,741	\$ 7,324,741	\$ 7,324,741	\$ 7,324,741	\$ 7,324,741	\$ 7,324,741	\$ 7,324,741	\$ 7,324,741	\$ 7,324,741	\$ 7,324,741	\$ 7,324,741	\$ 7,324,741	\$ 7,324,741	\$ 7,324,741
2d	Build a new 230 kV circuit from Larrabee to Oceanview	b2015	\$ 171,768,879	\$ 171,768,879	\$ 171,768,879	\$ 171,768,879	\$ 171,768,879	\$ 171,768,879	\$ 171,768,879	\$ 171,768,879	\$ 171,768,879	\$ 171,768,879	\$ 171,768,879	\$ 171,768,879	\$ 171,768,879	\$ 171,768,879

NOTE

[A] Project Gross Plant is the total capital investment for the project, including subsequent capital investments required to maintain the project in-service. Utilizing a 13-month average.

[B] Company records

TEC Worksheet Support
Net Plant Detail

Attachment H-4A, Attachment 11a
page 2 of 2
For the 12 months ended 12/31/2022

Accumulated Depreciation (Note C)	Dec-21 (Note B)	Jan-22 (Note B)	Feb-22 (Note B)	Mar-22 (Note B)	Apr-22 (Note B)	May-22 (Note B)	Jun-22 (Note B)	Jul-22 (Note B)	Aug-22 (Note B)	Sep-22 (Note B)	Oct-22 (Note B)	Nov-22 (Note B)	Dec-22 (Note B)	Project Net Plant (Note C & D)
\$ 3,501,846	\$ 3,367,233	\$ 3,389,669	\$ 3,412,104	\$ 3,434,540	\$ 3,456,975	\$ 3,479,411	\$ 3,501,846	\$ 3,524,282	\$ 3,546,717	\$ 3,569,153	\$ 3,591,588	\$ 3,614,024	\$ 3,636,459	\$9,086,346
\$ 1,339,131	\$ 1,275,108	\$ 1,285,778	\$ 1,296,449	\$ 1,307,119	\$ 1,317,790	\$ 1,328,460	\$ 1,339,131	\$ 1,349,802	\$ 1,360,472	\$ 1,371,143	\$ 1,381,813	\$ 1,392,484	\$ 1,403,154	\$4,644,370
\$ 1,181,947	\$ 1,098,445	\$ 1,112,362	\$ 1,126,279	\$ 1,140,196	\$ 1,154,113	\$ 1,168,030	\$ 1,181,947	\$ 1,195,864	\$ 1,209,781	\$ 1,223,698	\$ 1,237,615	\$ 1,251,532	\$ 1,265,449	\$6,142,794
\$ 17,524,673	\$ 15,832,716	\$ 16,114,709	\$ 16,396,702	\$ 16,678,695	\$ 16,960,687	\$ 17,242,680	\$ 17,524,673	\$ 17,806,666	\$ 18,088,659	\$ 18,370,652	\$ 18,652,644	\$ 18,934,637	\$ 19,216,630	\$154,244,206

NOTE

[B] Company records

[C] Utilizing a 13-month average.

[D] Taken to Attachment 11, Page 2, Col. 6

TEC - True-up

To be completed after Attachment 11 for the True-up Year is updated using actual data

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Line No.	Project Name	RTEP Project Number	Actual Revenues for Attachment 11	Projected Annual Revenue Requirement	% of Total Revenue Requirement	Revenue Received	Actual Annual Revenue Requirement	True-up Adjustment Principal Over/(Under)	Applicable Interest Rate on Over/(Under)	Total True-up Adjustment with Interest Over/(Under)
			Attachment 13b line 26, col E	PTRR (True-up Vintage) Attachment 11 p 2 of 2, col. 14	Col d, line 2 / Col. d, line 3	Col c, line 1 * Col e	ATRR (True-up Vintage) Attachment 11 p 2 of 2, col. 14	Col. f - Col. G	Col. H line 2x / Col. H line 3 * Col. J line 4	Col. h + Col. i
1	[A] Actual RTEP Credit Revenues for true-up year		22,083,138							
2a	b0174			1,300,508	0.06	1,300,278	1,313,260	(12,982)	(904.16)	(13,886)
2b	b0268			642,197	0.03	642,083	646,882	(4,798)	(334.21)	(5,133)
2c	b0726			819,833	0.04	819,688	835,282	(15,594)	(1,086.11)	(16,680)
2d	b2015			19,324,505	0.87	19,321,088	19,698,824	(377,736)	(26,308.86)	(404,044)
3	Subtotal			22,087,043			22,494,247.53	(411,110)		(439,743)
4	Total Interest (Sourced from Attachment 13a, line 49)									(28,633.34)

NOTE

[A] Amount included in revenues reported on pages 328-330 of FERC Form 1.

Attachment H-4A, Attachment 13
page 1 of 1
For the 12 months ended 12/31/2022

	(A)	(B)	(C)	(D)	(E)	(F)
Line	Month	Annual Rate	Monthly	True-Up Adj.	Interest	Compounding
1	Jan-20	0.0496	0.0042	0.0833	0.0004	-
2	Feb-20	0.0496	0.0039	0.1667	0.0007	-
3	Mar-20	0.0496	0.0042	0.2500	0.0011	0.0021
4	Apr-20	0.0475	0.0039	0.3354	0.0013	-
5	May-20	0.0475	0.0040	0.4187	0.0017	-
6	Jun-20	0.0475	0.0039	0.5021	0.0020	0.0050
7	Jul-20	0.0343	0.0029	0.5904	0.0017	-
8	Aug-20	0.0343	0.0029	0.6737	0.0020	-
9	Sep-20	0.0343	0.0028	0.7570	0.0021	0.0058
10	Oct-20	0.0325	0.0028	0.8462	0.0023	-
11	Nov-20	0.0325	0.0027	0.9295	0.0025	-
12	Dec-20	0.0325	0.0028	1.0128	0.0028	0.0076
13	Year 1 True-Up Adjustment + Interest EB			1.0205		
14	Jan-21	0.0325	0.0028	1.0205	0.0028	-
15	Feb-21	0.0325	0.0025	1.0205	0.0025	-
16	Mar-21	0.0325	0.0028	1.0205	0.0028	0.0082
17	Apr-21	0.0325	0.0027	1.0286	0.0027	-
18	May-21	0.0325	0.0028	1.0286	0.0028	-
19	Jun-21	0.0325	0.0027	1.0286	0.0027	0.0083
20	Jul-21	0.0325	0.0028	1.0370	0.0029	-
21	Aug-21	0.0325	0.0028	1.0370	0.0029	-
22	Sep-21	0.0325	0.0027	1.0370	0.0028	0.0085
23	Oct-21	0.0325	0.0028	1.0455	0.0029	-
24	Nov-21	0.0325	0.0027	1.0455	0.0028	-
25	Dec-21	0.0325	0.0028	1.0455	0.0029	0.0086
26	Year 2 True-Up Adjustment + Interest EB			1.0540		
27	Principle Amortization			0.0878		
28	Interest Amortization			+ 0.0013	(Found using Excel Solver/Goal Seek/or equivalent)	
29	Year 3 Monthly Amortization			0.0891		
30	Jan-22	0.0325	0.0028	0.9649	0.0027	-
31	Feb-22	0.0325	0.0025	0.8757	0.0022	-
32	Mar-22	0.0325	0.0028	0.7866	0.0022	0.0070
33	Apr-22	0.0325	0.0027	0.7045	0.0019	-
34	May-22	0.0325	0.0028	0.6154	0.0017	-
35	Jun-22	0.0325	0.0027	0.5262	0.0014	0.0050
36	Jul-22	0.0325	0.0028	0.4421	0.0012	-
37	Aug-22	0.0325	0.0028	0.3529	0.0010	-
38	Sep-22	0.0325	0.0027	0.2638	0.0007	0.0029
39	Oct-22	0.0325	0.0028	0.1776	0.0005	-
40	Nov-22	0.0325	0.0027	0.0884	0.0002	-
41	Dec-22	0.0325	0.0028	(0.0007)	(0.0000)	0.0007
42	Year 3 True-Up Adjustment + Interest EB			0.0000		
43	Total Amount Refunded/Surcharged			1.0696		
44	True-Up Before Interest			- 1.0000		
45	Interest Refunded/Surcharged			0.0696		
46	Attachment 13b - PJM Billings, Line 13, Col. E:			147,512,832		
47	2020 Rate Year ATRR (c):			- 146,867,091		
48	Base Refund or (Surcharge):			645,742		
49	Interest (Line 45 × Line 48):			+ 44,975		
50	Total Refund or (Surcharge):			690,717		

Notes

(a) Interest rate inputs will be equal to C.F.R. 35.19a.

(b) The interest rate to be applied to the True-up will be determined as follows: (i) for time periods for which there is an interest rate posted on FERC's website, the True-up will reflect each applicable quarter's annual rate; (ii) for time periods for which there is no interest rate posted on FERC's website (i.e., future time periods, in which an interest rate is not yet available), the True-up will reflect the last known quarter's annual rate, as posted on FERC's website and as determined prior to the posting of the JCP&L PTRR that includes the applicable True-up.

(c) The ATRR is used to compare against the billed revenue in the true-up calculation. This section will not contain true-up amounts.

Attachment H-4A, Attachment 13a
page 1 of 1
For the 12 months ended 12/31/2022

Line	(A) Month	(B) Annual Rate	(C) Monthly	(D) True-Up Adj.	(E) Interest	(F) Compounding
1	Jan-20	0.0496	0.0042	0.0833	0.0004	-
2	Feb-20	0.0496	0.0039	0.1667	0.0007	-
3	Mar-20	0.0496	0.0042	0.2500	0.0011	0.0021
4	Apr-20	0.0475	0.0039	0.3354	0.0013	-
5	May-20	0.0475	0.0040	0.4187	0.0017	-
6	Jun-20	0.0475	0.0039	0.5021	0.0020	0.0050
7	Jul-20	0.0343	0.0029	0.5904	0.0017	-
8	Aug-20	0.0343	0.0029	0.6737	0.0020	-
9	Sep-20	0.0343	0.0028	0.7570	0.0021	0.0058
10	Oct-20	0.0325	0.0028	0.8462	0.0023	-
11	Nov-20	0.0325	0.0027	0.9295	0.0025	-
12	Dec-20	0.0325	0.0028	1.0128	0.0028	0.0076
13	Year 1 True-Up Adjustment + Interest EB			1.0205		
14	Jan-21	0.0325	0.0028	1.0205	0.0028	-
15	Feb-21	0.0325	0.0025	1.0205	0.0025	-
16	Mar-21	0.0325	0.0028	1.0205	0.0028	0.0082
17	Apr-21	0.0325	0.0027	1.0286	0.0027	-
18	May-21	0.0325	0.0028	1.0286	0.0028	-
19	Jun-21	0.0325	0.0027	1.0286	0.0027	0.0083
20	Jul-21	0.0325	0.0028	1.0370	0.0029	-
21	Aug-21	0.0325	0.0028	1.0370	0.0029	-
22	Sep-21	0.0325	0.0027	1.0370	0.0028	0.0085
23	Oct-21	0.0325	0.0028	1.0455	0.0029	-
24	Nov-21	0.0325	0.0027	1.0455	0.0028	-
25	Dec-21	0.0325	0.0028	1.0455	0.0029	0.0086
26	Year 2 True-Up Adjustment + Interest EB			1.0540		
27	Principle Amortization			0.0878		
28	Interest Amortization			+ 0.0013	(Found using Excel Solver/Goal Seek/or equivalent)	
29	Year 3 Monthly Amortization			0.0891		
30	Jan-22	0.0325	0.0028	0.9649	0.0027	-
31	Feb-22	0.0325	0.0025	0.8757	0.0022	-
32	Mar-22	0.0325	0.0028	0.7866	0.0022	0.0070
33	Apr-22	0.0325	0.0027	0.7045	0.0019	-
34	May-22	0.0325	0.0028	0.6154	0.0017	-
35	Jun-22	0.0325	0.0027	0.5262	0.0014	0.0050
36	Jul-22	0.0325	0.0028	0.4421	0.0012	-
37	Aug-22	0.0325	0.0028	0.3529	0.0010	-
38	Sep-22	0.0325	0.0027	0.2638	0.0007	0.0029
39	Oct-22	0.0325	0.0028	0.1776	0.0005	-
40	Nov-22	0.0325	0.0027	0.0884	0.0002	-
41	Dec-22	0.0325	0.0028	(0.0007)	(0.0000)	0.0007
42	Year 3 True-Up Adjustment + Interest EB			(0.0000)		
43	Total Amount Refunded/Surcharged			1.0696		
44	True-Up Before Interest			- 1.0000		
45	Interest Refunded/Surcharged			0.0696		
46	Attachment 13b - PJM Billings, Line 26, Col. E:			22,083,138		
47	2020 rate Year ATRR (c):			- 22,494,248		
48	Base Refund or (Surcharge):			(411,110)		
49	Interest (Line 45 × Line 48):			+ (28,633)		
50	Total Refund or (Surcharge):			<u>(439,743)</u>		

Notes

(a) Interest rate inputs will be equal to C.F.R. 35.19a.

(b) The interest rate to be applied to the True-up will be determined as follows: (i) for time periods for which there is an interest rate posted on FERC's website, the True-up will reflect each applicable quarter's annual rate; (ii) for time periods for which there is no interest rate posted on FERC's website (i.e., future time periods, in which an interest rate is not yet available), the True-up will reflect the last known quarter's annual rate, as posted on FERC's website and as determined prior to the posting of the JCP&L PTRR that includes the applicable True-up.

(c) The ATRR is used to compare against the billed revenue in the true-up calculation. This section will not contain true-up amounts.

Attachment H-4A, Attachment 13b
page 1 of 1
For the 12 months ended 12/31/2022

Line	(A)	(B)	(C)	(D)	(E)
	Month	PJM Bill NITS Charge Code	True-up (a)	Other (b)	Total
1	January	12,494,720			12,494,720
2	February	11,688,610			11,688,610
3	March	12,494,720			12,494,720
4	April	12,091,664			12,091,664
5	May	12,494,719			12,494,719
6	June	12,091,664			12,091,664
7	July	12,494,720			12,494,720
8	August	12,494,720			12,494,720
9	September	12,091,664			12,091,664
10	October	12,494,720			12,494,720
11	November	12,091,664			12,091,664
12	December	12,494,719			12,494,719
13	Total	147,518,304	-	5,472	147,512,832

	Month	(B)	(C)	(D)	(E)
		PJM Bill TEC Charge Code	True-up (a)	Other (b)	Total
14	January	1,840,587			1,840,587
15	February	1,840,587			1,840,587
16	March	1,840,587			1,840,587
17	April	1,840,587			1,840,587
18	May	1,840,587			1,840,587
19	June	1,840,587			1,840,587
20	July	1,840,587			1,840,587
21	August	1,840,587			1,840,587
22	September	1,840,587			1,840,587
23	October	1,840,587			1,840,587
24	November	1,840,587			1,840,587
25	December	1,840,587			1,840,587
26	Total	22,087,043	-	3,905	22,083,138

Notes

(a) The PJM NITS & TEC charges will include a true-up for the over/under recovery from a prior rate period.

(b) JCP&L to include any necessary prior period adjustments including those identified through the discovery or challenge procedures, as defined within the protocols.

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)
			2021	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022				
Ln.	Text Description	Allocator (b) (d) (f)	Exp. Acct. (c) December 31	January 31	February 28/29	March 31	April 30	May 31	June 30	July 31	August 31	September 30	October 31	November 30	December 31	Average	Allocator Output (b)	To Transmission
1	FERC Account No. 165																	
1.01		EXCL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.02		EXCL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Sum of Lines 1.01 through 1.02		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	FERC Form No. 1 p.111.57.d & c		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	FERC Account No. 154 (Transmission Only)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	FERC Form No. 1 p.227.8.b & c		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	FERC Account No. 105 (Transmission Only)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	FERC Form No. 1 p.214..d		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- Notes**
- (a) Average calculated as [Sum of Columns (D) through (P)] ÷ 13.
 - (b) Allocator must be DA, TE, TP, GP, WS, CE, or EXCL.
 - (c) JCP&L may add or remove sublines for prepayments without a FPA Section 205 filing.
 - (d) Prepaid income taxes and other prepayments that are considered short-term (12-months or less amortization period) shall have an allocator of "EXCL."
 - (e) The expense account will only be populated with prepaid expense items included in transmission rates.
 - (f) Any line item allocated by "EXCL." will only show year-end balances.

Ln.	Text Description	(B) Exp. Acct.	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P) JCP&L Average (a)	(Q) Allocator	(R) Allocator Output	(S) To Formula Rate (Col. P x Col. R) (c)
			2021 December 31	2022 January 31	2022 February 28/29	2022 March 31	2022 April 30	2022 May 31	2022 June 30	2022 July 31	2022 August 31	2022 September 30	2022 October 31	2022 November 30	2022 December 31				
1																			
2	FERC Account No. 228.1 (d)																		
2.01																			
2.02																			
3	Sum of Lines 2.01 through 2.02																		
4	FERC Account No. 228.2 (d)																		
4.01																			
4.02																			
5	Sum of Lines 4.01 through 4.02																		
6	FERC Account No. 228.3 (d)																		
6.01																			
6.02																			
7	Sum of Lines 6.01 through 6.02																		
8	FERC Account No. 228.4 (d)																		
8.01																			
8.02																			
9	Sum of Lines 8.01 through 8.02																		
10	FERC Account No. 242 (d)																		
10.01	Incentive Compensation	920	18,113,275	18,982,354	1,738,158	2,607,237	3,476,316	4,345,395	6,114,338	7,133,394	9,240,990	12,069,906	13,411,007	14,752,108	18,113,275	10,007,519	WS	0.0980	981,109
10.02																			
11	Sum of Lines 10.01 through 10.02		18,113,275	18,982,354	1,738,158	2,607,237	3,476,316	4,345,395	6,114,338	7,133,394	9,240,990	12,069,906	13,411,007	14,752,108	18,113,275	10,007,519			981,109
12	Other Reserves (d)																		
12.01																			
12.02																			
13	Sum of Lines 12.01 through 12.02																		
14	Total Reserves (Line 3 + Line 5 + Line 7 + Line 9 + Line 11 + Line 13)															10,007,519			981,109

Notes
(a) Average calculated as [Sum of Columns (C) through (O)] ÷ 13.
(b) JCP&L may add or remove sublines without a FPA Section 205 filing.
(c) JCP&L to include as a credit to rate base on Attachment H-4A, page 2, line 20.
(d) JCP&L to include total company balances to allocate to the transmission formula rate component and will only show underlying expense accounts for items that are included as a reduction to rate base.

Line	Item	New Jersey			Combined Tax Rate
1	State				
2	Nominal Federal Tax Rate (FIT)	21.00%		21.00%	21.00% = FIT
3	Apportionment Percentage (p)	100.00%	+		100.00%
4	Nominal State Tax Rate	9.00%			
5	Percent of Federal Deducted for State	0.00%			
6	Line 3 × Line 4	9.00%	+		9.00% = SIT
7	Line 3 × Line 5	0.00%	+		0.00% = p
8		T =			$28.11\% = 1 - \{[(1 - \text{SIT}) * (1 - \text{FIT})] / (1 - \text{SIT} * \text{FIT} * p)\}$
9	Composite Tax Factor (CTF) =	26.92%			$= (T / (1 - T)) * (1 - (\text{WCLTD} / \text{ROR}))$
10					where WCLTD = Attachment H4-A, page 4, line 12, and
11					R= (page 4, line 15)
12	Tax Gross-up Factor (TGUF)				$= 39.10\% = (T / (1 - T))$
13	Return on Rate Base	85,097,364			Attachment H-4A, Page 3, Line 15, Col. 5
14	Composite Tax Factor	×		26.92%	
15	Preliminary Income Taxes Allowable			22,910,803	
16	AFUDC Equity (b)	164,592			
17	Amortization of ITC Tax Credit (a)	(33,707)	=	(131,199) × GP	
18	Amortization of (Excess)/Deficient Deferred Income Tax (c)	+		(2,246,499)	= Attachment 15a, Line 21, Col. (M)
19	Income Tax Adjustments			(2,115,613)	
20	Gross-up on Income Tax Adjustments	+		(827,235)	= Line 19 × TGUF
21	Grossed-Up Income Tax Adjustments			(2,942,848)	
22	Income Taxes Allowable			<u>19,967,955</u>	= Line 15 + Line 21

Notes

(a) FERC Form No. 1, page 266.8.f.

(b) The source shall be company records for current-year AFUDC Equity Depreciation. No additional permanent tax differences may be included without JCP&L making a Section 205 filing.

(c) JCP&L to provide additional attachments for each tax rate change and aggregate related amortization.

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	
	CATEGORY 1			CATEGORY 3			CATEGORY 5						CATEGORY 4	
Line	Description	(Excess/Deficient ADIT Transmission - Beg Balance of Year (e))	Current Period Other Activity	Net Transmission EDIT/DDIT Balance (B + C)	Protected / Non-protected	Property / Non-property	Amortization Start Date	Amort. Period	ARAM/Years Remaining	Unamortized Balance at Year End (D - K)	Amortization for non-ARAM	ARAM Amortization	Net Transmission EDIT/DDIT Amortization	Amortization Account
1	EDIT/DDIT Non-Property													
2	FERC Account No. 190 EDIT/DDIT													
2.01	Accrued Taxes: FICA on Vacation Accrual	5,208		5,208	Non-protected	Non-Property	1/1/2018	10	5	4,340	868		868	410.1
2.02	Accum Prov For Inj and Damage-Gen Liability	9,232		9,232	Non-protected	Non-Property	1/1/2018	10	5	7,693	1,539		1,539	410.1
2.03	Accum Prov For Inj and Damage-Workers Comp	30,490		30,490	Non-protected	Non-Property	1/1/2018	10	5	25,408	5,082		5,082	410.1
2.04	Asset Retirement Obligation Liability	(1,143)		(1,143)	Non-protected	Non-Property	1/1/2018	10	5	(952)	(190)		(190)	411.1
2.05	Company Debt - Insurance Discount	9,862		9,862	Non-protected	Non-Property	1/1/2018	10	5	8,218	1,644		1,644	410.1
2.06	FAS 112 - Medical Benefit Accrual	99,509		99,509	Non-protected	Non-Property	1/1/2018	10	5	82,924	16,585		16,585	410.1
2.07	FAS 158 OPEB OCI Offset	(13,294)		(13,294)	Non-protected	Non-Property	1/1/2018	10	5	(11,079)	(2,216)		(2,216)	411.1
2.08	FAS 158 Pension OCI Offset	1,074		1,074	Non-protected	Non-Property	1/1/2018	10	5	895	179		179	410.1
2.09	Federal Long Term - Protected	4,461,726		4,461,726	Protected	Non-Property	1/1/2018	35	30	4,317,800	143,927		143,927	410.1
2.10	Federal Long Term - Non-protected	4,209,475		4,209,475	Non-protected	Non-Property	1/1/2018	10	5	3,507,896	701,579		701,579	410.1
2.11	GR&F Tax Audit	22,948		22,948	Non-protected	Non-Property	1/1/2018	10	5	18,374	3,675		3,675	410.1
2.12	NOL Deferred Tax Asset - LT NJ	(64,068)		(64,068)	Non-protected	Non-Property	1/1/2018	10	5	(53,390)	(10,678)		(10,678)	411.1
2.13	Pension/OPEB - Other Def Cr. or Dr.	1,365,526		1,365,526	Non-protected	Non-Property	1/1/2018	10	5	1,137,939	227,588		227,588	410.1
2.14	Pensions Expense	1,625,529		1,625,529	Non-protected	Non-Property	1/1/2018	10	5	1,354,607	270,921		270,921	410.1
2.15	PJM Receivable	(829,057)		(829,057)	Non-protected	Non-Property	1/1/2018	10	5	(690,881)	(138,176)		(138,176)	411.1
2.16	Post Retirement Benefits SFAS 106 Accrual	1,864,333		1,864,333	Non-protected	Non-Property	1/1/2018	10	5	1,553,611	310,722		310,722	410.1
2.17	Unamortized Gain on Reacquired Debt	964		964	Non-protected	Non-Property	1/1/2018	10	5	803	161		161	410.1
2.18	Vacation Pay Accrual	56,232		56,232	Non-protected	Non-Property	1/1/2018	10	5	46,860	9,372		9,372	410.1
3	Total FERC Account No. 190 EDIT/DDIT (Sum of 2.[1] sublines)	12,853,645	-	12,853,645						11,311,066	1,542,580		1,542,580	
4	FERC Account No. 282 EDIT/DDIT													
4.01	Sale of Property - Book Gain or (Loss)	56,419		56,419		Property	1/1/2018	35	30	47,016	9,403		9,403	410.1
4.02	Sale of Property - Tax Gain or (Loss)	(56,661)		(56,661)		Property	1/1/2018	35	30	(47,218)	(9,444)		(9,444)	411.1
5	Total FERC Account No. 282 EDIT/DDIT (Sum of 4.[1] sublines)	(242)	-	(242)						(202)	(40)		(40)	
6	FERC Account No. 283 EDIT/DDIT													
6.01	Accrued Taxes: Tax Audit Reserves	3,743		3,743	Non-protected	Non-Property	1/1/2018	10	5	3,119	624		624	410.1
6.02	Deferred Charge-EIB	(9,406)		(9,406)	Non-protected	Non-Property	1/1/2018	10	5	(7,839)	(1,568)		(1,568)	411.1
6.03	FE Service Tax Interest Allocation	(427)		(427)	Non-protected	Non-Property	1/1/2018	10	5	(356)	(71)		(71)	411.1
6.04	FE Service Timing Allocation	(284,646)		(284,646)	Non-protected	Non-Property	1/1/2018	10	5	(237,205)	(47,441)		(47,441)	411.1
6.05	Post Retirement Benefits SFAS 106 Payments	(654,374)		(654,374)	Non-protected	Non-Property	1/1/2018	10	5	(545,312)	(109,062)		(109,062)	411.1
6.06	State Income Tax Deductible	(422,208)		(422,208)	Non-protected	Non-Property	1/1/2018	10	5	(351,840)	(70,368)		(70,368)	411.1
6.07	Storm Damage	(3,719,099)		(3,719,099)	Non-protected	Non-Property	1/1/2018	10	5	(3,099,249)	(619,850)		(619,850)	411.1
6.08	Unamortized Loss on Reacquired Debt	(122,932)		(122,932)	Non-protected	Non-Property	1/1/2018	10	5	(102,444)	(20,489)		(20,489)	411.1
6.09	Vegetation Management	(17,533)		(17,533)	Non-protected	Non-Property	1/1/2018	10	5	(14,610)	(2,922)		(2,922)	411.1
6.10		-		-						-	-		-	
6.11		-		-						-	-		-	
7	Total FERC Account No. 283 EDIT/DDIT (Sum of 6.[1] sublines)	(5,226,883)	-	(5,226,883)						(4,355,736)	(871,147)		(871,147)	
8	Subtotal DDIT/EDIT Non-Property before Gross-Up (Sum of Lines 3, 5, and 7)	7,626,520	-	7,626,520						6,955,127	671,392		671,392	
9	Non-Property Gross-up (Line 8 x TGUF)												262,524	
10	CATEGORY 2: Total Non-Property After Gross-up (Line 8 + Line 9) (e)												933,916	
11	EDIT/DDIT Property													
12	FERC Account No. 190 EDIT/DDIT													
12.01	Property Book-Tax Timing Differences	(1,909,178)	207,342	(1,701,836)	Protected	Property		ARAM	ARAM	(1,701,836)	-	207,342	207,342	410.1/411.1
13	Total FERC Account No. 190 EDIT/DDIT	(1,909,178)	207,342	(1,701,836)						(1,701,836)	-	207,342	207,342	
14	FERC Account No. 282 EDIT/DDIT													
14.01	Property Book-Tax Timing Differences	117,231,479	(3,125,232)	114,106,247	Protected	Property		ARAM	ARAM	114,106,247	-	(3,125,232)	(3,125,232)	410.1/411.1
15	Total FERC Account No. 282 EDIT/DDIT	117,231,479	(3,125,232)	114,106,247						114,106,247	-	(3,125,232)	(3,125,232)	
16	FERC Account No. 283 EDIT/DDIT													
16.01	Property Book-Tax Timing Differences	-	-	-				35		-	-	-	-	410.1/411.1
17	Total FERC Account No. 283 EDIT/DDIT	-	-	-						-	-	-	-	
18	Subtotal DDIT/EDIT Property before Gross-Up (Sum of Lines 13, 15, and 17)	115,322,302	(2,917,891)	-						112,404,411	-	-	(2,917,891)	
19	Property Gross-up (Line 18 x TGUF)												(1,140,936)	
20	CATEGORY 2: Total Property after Gross-up (Line 18 + Line 19) (e)												(4,058,827)	
21	Total EDIT/DDIT before Gross-up (Line 8 + Line 18)												(2,246,499)	
22	Total EDIT/DDIT after Gross-up (Line 10 + Line 20) (e)												(3,124,911)	

Notes:
(a) JCP&L shall provide workpapers supporting amounts shown in Column (B) for all DDIT and EDIT items for any future tax rate changes.
(b) JCP&L shall add or remove as many sublines as needed to adequately show the detail of its balances.
(c) JCP&L to include only balances attributable to transmission.

Notes:
(d) Per settlement of Docket No. ER20-227, the amortization schedule of the DDIT/EDIT balances related to Tax Cuts and Job Act of 2017 by classification is:

Protected Property & Non-Protected Property:	ARAM
Non-Protected, Non-Property:	10
Protected, Non-Property:	35

Attachment H-4A, Attachment 16
page 1 of 1
For the 12 months ended 12/31/2022

		Abandoned Plant					
[1]	[2]	[3]	[4]	[5]	[6]	[7]	
		Months Remaining In Amortization Period	Beginning Balance	Amortization Expense (p114.10.c)	Additions (Deductions)	Ending Balance	
1	Monthly Balance	Source					
2	December 2021	p111.71.d (and Notes)	0				-
3	January	FERC Account 182.2	-1	-	-	-	-
4	February	FERC Account 182.2	-2	-	-	-	-
5	March	FERC Account 182.2	-3	-	-	-	-
6	April	FERC Account 182.2	-4	-	-	-	-
7	May	FERC Account 182.2	-5	-	-	-	-
8	June	FERC Account 182.2	-6	-	-	-	-
9	July	FERC Account 182.2	-7	-	-	-	-
10	August	FERC Account 182.2	-8	-	-	-	-
11	September	FERC Account 182.2	-9	-	-	-	-
12	October	FERC Account 182.2	-10	-	-	-	-
13	November	FERC Account 182.2	-11	-	-	-	-
14	December 2022	p111.71.c (and Notes) Detail on p230b	-12	-	-	-	-
15	Ending Balance 13-Month Average	(sum lines 2-14) /13			<u>\$0.00</u>		<u>\$0.00</u>

Attachment H-4A, page 3, Line 10

Attachment H-4A, page 2, Line 23

Note:
Recovery of abandoned plant is limited to any abandoned plant recovery authorized by FERC and will be zero until the Commission accepts or approves recovery of the cost of abandoned plant

Ln.	Project ID	Text Description	(C) FERC Docket No.	(D) Project Start Date	(E) Original In-Service Date	(F) Revised In-Service Date	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)
							2021	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022
1		Construction Work in Progress																					
2a	[Placeholder 1]																			-		-	-
2b	[Placeholder 2]																			-		-	-
3		Total CWIP in Rate Base					-	-	-	-	-	-	-	-	-	-	-	-	-	-			-

Notes
(a) Average calculated as (Sum of Columns (G) through (S)) ÷ 13.
(b) The allocator in Col. (U) must be zero unless otherwise authorized by order from the FERC. This page will only be populated at such time that CWIP is approved to be included within rate base by FERC.

Attachment H-4A, Attachment 18
page 1 of 1
For the 12 months ended 12/31/2022

Ln.	(A) Text Description	(B) Allocator	(C) Amount	(D) Allocator Output	(E) To Transmission
1	FERC Account No. 451				
1.01				-	-
1.02				-	-
1.XX					
2	Sum of Lines 1.01 through 1.XX		-		-
3	FERC Account No. 454 (d)				
3.01				-	-
3.02				-	-
3.XX					
4	Sum of Lines 3.01 through 3.XX		-		-
5	FERC Account No. 456 (e)				
5.01	Firm Point to Point Revenues	DA	1,681,202	1.0000	1,681,202
5.02				-	-
5.XX					
6	Sum of Lines 5.01 through 5.XX		1,681,202		1,681,202
7	Other				
7.01				-	-
7.02				-	-
7.XX					
8	Sum of Lines 7.01 through 7.XX		-		-
9	Sum of Lines 2, 4, 6, and 8				<u>1,681,202</u>

Notes

(a) Allocator must be DA, TE, TP, GP, WS, CE, or EXCL.

(b) JCP&L may add or remove sublines without a FPA Section 205 filing.

(c) JCP&L to populate column C if item is partially or wholly allocated to the transmission revenue requirement.

(d) Includes income related only to transmission facilities, such as pole attachments, rentals and special use.

(e) Enter revenues from RTO settlements that are associated with NITS and firm Point-to-Point Service for which the load is not included in the divisor to derive JCP&L's zonal rates. Exclude non-firm Point-to-Point revenues and revenues related to RTEP projects.

Ln.	Line Item	(A) Amount	(B) FERC Docket No.	(C) Amort. Start Date	(D) Amort. End Date	(E) Months	(F) Monthly Amort. Expense	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)						
								2021	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	Average (a)	Allocator	To Rate Base	Total Amort. Exp.	To Transmission OpEx	Exp. Acct.
								December 31	January 31	February 28/29	March 31	April 30	May 31	June 30	July 31	August 31	September 30	October 31	November 30	December 31												
1	FERC Account No. 182.3 (e)																															
1.01	182.3 Item 1	-					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
1.02	182.3 Item 2						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
1.XX							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
2	Sum of Lines 1.01 through 1.XX						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
3	FERC Form No. 1, p.232																															
4	FERC Account No. 254 (Enter negatives) (e)																															
4.01	254 Item 1						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
4.02	254 Item 2						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
4.XX							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
5	Sum of Lines 4.01 through 4.XX						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
6	FERC Form No. 1, p.278																															
7	Totals (Sum of Lines 2 and 5)																															

Notes
(a) No costs listed on this attachment shall be recoverable in any way from FERC-jurisdictional ratepayers without explicit authorization from the Federal Energy Regulatory Commission. This page will only be populated at each time that it's approved by FERC.

(b) CP&L may add or remove as many sublines as necessary to list all of the FERC Account No. 182.3 regulatory assets and FERC Account No. 254 regulatory liabilities recorded on its books (in the case of the ATRR) or projected to be on its books (in the case of the PTRR) without filing a Section 205 filing to do so. Adding or removing sublines does not constitute FERC approval for cost recovery.

(c) CP&L to include only balances attributed to transmission.

(d) CP&L to not include any regulatory assets/liabilities related to the Tax Cuts and Jobs act of 2017 or any future income tax changes as these Regulatory assets/liabilities will have their own Attachment 15a or any other FAS 109 related balances adjusted for elsewhere within the template.

Notes:
(h) Column (W) shall equal Column (U) > Column (V) unless the FERC orders CP&L to exclude the unamortized balance from rate base, at which point Column (W) shall equal zero.

Attachment H-4A, Attachment 20
page 1 of 1
For the 12 months ended 12/31/2022

Line	(A) FERC A/C	(B) Title	(B) FERC Form No. 1 Citation	(C) FERC Form No. 1 Balance	(D) TE Allocator	(E) Total Transmission	(F) Transmission Exclusions (a)	(G) To Revenue Req.	(H)	(I)	(J)
1	560	Operation Supervision and Engineering	Page 321.83.b	164,431	0.96163	158,122		158,122			
2	561.1	Load Dispatch-Reliability	Page 321.85.b	1,274,389	0.96163	1,225,496		1,225,496			
3	561.2	Load Dispatch-Monitor and Operate Transmission System	Page 321.86.b	237,187	0.96163	228,087		228,087			
4	561.3	Load-Dispatch-Transmission Service and Scheduling	Page 321.87.b		0.96163	-		-			
5	561.4	Scheduling, System Control and Dispatch Services	Page 321.88.b	228,660	0.96163	219,887	219,887	-			
6	561.5	Reliability, Planning and Standards Development	Page 321.89.b	524,611	0.96163	504,484		504,484			
7	561.6	Transmission Service Studies	Page 321.90.b	57,137	0.96163	54,945		54,945			
8	561.7	Generation Interconnection Studies	Page 321.91.b	186,944	0.96163	179,772		179,772			
9	561.8	Reliability, Planning and Standards Development Services	Page 321.92.b	2,319	0.96163	2,230	2,230	-			
10	562	Station Expenses	Page 321.93.b	678,568	0.96163	652,534		652,534			
11	563	Overhead Lines Expense	Page 321.94.b	290,193	0.96163	279,060		279,060			
12	564	Underground Lines Expense	Page 321.95.b		0.96163	-		-			
13	565	Transmission of Electricity by Others	Page 321.96.b	(152)	0.96163	(146)	(146)	-			
14	566	Miscellaneous Transmission Expense	Page 321.97.b	(9,584,016)	0.96163	(9,216,319)	15,020	(9,231,338)			
15	567	Rents	Page 321.98.b	14,548,732	0.96163	13,990,560		13,990,560			
16	568	Maintenance Supervision and Engineering	Page 321.101.b	3,452,295	0.96163	3,319,845		3,319,845			
17	569	Maintenance of Structures	Page 321.102.b		0.96163	-		-			
18	569.1	Maintenance of Computer Hardware	Page 321.103.b	34,396	0.96163	33,076		33,076			
19	569.2	Maintenance of Computer Software	Page 321.104.b	69,711	0.96163	67,036		67,036			
20	569.3	Maintenance of Communication Equipment	Page 321.105.b	3,285	0.96163	3,159		3,159			
21	569.4	Maintenance of Miscellaneous Regional Transmission Plant	Page 321.106.b		0.96163	-		-			
22	570	Maintenance of Station Equipment	Page 321.107.b	3,727,039	0.96163	3,584,049		3,584,049			
23	571	Maintenance of Overhead Lines	Page 321.108.b	23,493,656	0.96163	22,592,306		22,592,306			
24	572	Maintenance of Underground Lines	Page 321.109.b	-	0.96163	-		-			
25	573	Maintenance of Miscellaneous Transmission Plant	Page 321.110.b	9,780	0.96163	9,405		9,405			
26		Sum of Lines 1 through 25		39,399,165		37,887,589	236,991	37,650,598			

Line	(A) FERC A/C	(B) Title	(B) FERC Form No. 1 Citation	(C) FERC Form No. 1 Balance	(D) Production Exclusion (b)	(E) Total Excluding Production	(F) TE Allocator	(G) Total Transmission	(H) Transmission Exclusions (a)	(I) To Revenue Req.
27	920	Administrative and General Salaries	Page 323.181.b	(519,201)		(519,201)	0.0980	(50,901)		(50,901)
28	921	Office Supplies and Expenses	Page 323.182.b	943,290		943,290	0.0980	92,478		92,478
29	922	Administrative Expenses Transferred - Credit	Page 323.183.b			-	0.0980	-		-
30	923	Outside Services Employed	Page 323.184.b	50,393,657		50,393,657	0.0980	4,940,454	304,929	4,635,525
31	924	Property Insurance	Page 323.185.b	339,520		339,520	0.0980	33,286		33,286
32	925	Injuries and Damages	Page 323.186.b	4,428,330		4,428,330	0.0980	434,141		434,141
33	926	Employee Pensions and Benefits	Page 323.187.b	(50,613,640)		(50,613,640)	0.0980	(4,962,021)		(4,962,021)
34	927	Franchise Requirements	Page 323.188.b			-	0.0980	-		-
35	928	Regulatory Commission Expense	Page 323.189.b	4,202,646		4,202,646	1.0000	4,202,646	4,202,646	-
36	929	(Less) Duplicate Charges-Cr.	Page 323.190.b			-	0.0980	-		-
37	930.1	General Advertising Expenses	Page 323.191.b	724,582		724,582	0.0980	71,036	71,036	-
38	930.2	Miscellaneous General Expenses	Page 323.192.b	2,774,479		2,774,479	0.0980	272,002		272,002
39	931	Rents	Page 323.193.b	2,476,246		2,476,246	0.0980	242,764		242,764
40	935	Maintenance of General Plant	Page 323.196.b	2,731,160		2,731,160	0.0980	267,755		267,755
41		Sum of Lines 27 through 40		17,881,069	-	17,881,069		5,543,641	4,578,611	965,029

Total OpEx (Line 26 + Line 41) \$38,615,627

Notes:

(a) Excluded costs specifically include, but are not limited to any amortization related to Regulatory Assets for which FERC approval has not been granted, EPRI dues, and non-safety advertising included within 930.1. Regulatory commission expenses within 928 that are directly assigned in total or portions allocated to distribution; accounts 561.4, 561.8, and 575.7 that consist of RTO expenses billed to load-serving entities and account 565 transmission of electricity by others.

(b) All production labor or expenses to be excluded from A&G accounts.

(c) JCP&L to include only balances attributable to transmission.

Attachment 10
VEPCo Formula Rate for January 1, 2022 to December 31, 2022

Troutman Pepper Hamilton Sanders LLP
401 9th Street, NW, Suite 1000
Washington, DC 20004-2134



troutman.com

Christopher R. Jones
chris.jones@troutman.com

January 14, 2022

The Honorable Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

**Re: Virginia Electric and Power Company
Informational Filing of 2022 Annual Update
Docket No. ER09-545-000**

Dear Secretary Bose,

Virginia Electric and Power Company d/b/a Dominion Energy Virginia (“Dominion”) hereby submits to the Federal Energy Regulatory Commission (“FERC” or “Commission”) for informational purposes its 2022 Annual Update Informational Filing in accordance with Section 1 of Attachment H-16B to the PJM Interconnection, L.L.C. (“PJM”) Open Access Transmission Tariff (“OATT”).¹ As provided in Section 1(c) of Attachment H-16B, this 2022 Annual Update is an Informational Filing that does not require any Commission action.²

As delineated in Section 1(a) of Attachment H-16B to the PJM OATT, Dominion is required to post on the PJM website an “Annual Update” to its formula rate no later than September 15 of each year, which must include:

- (i) Dominion’s Annual Transmission Revenue Requirement (“ATRR”), its rate for Network Integration Transmission Service (“NITS” or “Network Service”), plus its True-Up Adjustment calculated in accordance with the formula rate set out in Attachment H-16A;
- (ii) An estimate of the Network Service Peak Load (“NSPL”) of the Dominion Zone; and

¹ Attachment H-16B may be found under PJM’s “Intra-PJM Tariffs” title in eTariff, available here: <https://etariff.ferc.gov/TariffBrowser.aspx?tid=1731>. Attachment H-16B was approved by FERC orders dated April 29, 2008 in Docket Nos. ER08-92-000, et al. (*Va. Elec. and Power Co.*, 123 FERC ¶ 61,098 (2008)), and December 15, 2008 in Docket Nos. ER08-92-004, et al. (*Va. Elec. and Power Co.*, unpublished letter order issued on December 15, 2008 in Docket Nos. ER08-92-004 and ER08-92-005).

² See PJM OATT at Attachment H-16B, Section 1(c) (“VEPCO shall cause the Annual Update, as revised pursuant to the procedures set out above, to be included in an informational filing with the Commission by no later than January 15. This filing will not require Commission action.”).

- (iii) An explanation of any change(s) in Dominion’s accounting policies and practices that took effect in the preceding twelve months ending August 31 that is reported in Notes 3 and 4 of Dominion’s Securities and Exchange Commission Form 10-Q (“Material Accounting Changes”).

This Annual Update forms the basis of the instant Informational Filing.

I. Annual Transmission Revenue Requirement

Attachment A to this filing contains the 2022 ATRR and NITS rate, the 2020 True-Up Adjustment, and the Dominion Zone NSPL for 2022 (shown in the calculation of the NITS rate).³ The two parts of Attachment A are as follows:

Part 1 – The transmission formula is based on the 2022 projections, which includes the ATRR for 2022 (page 4, line 168), NITS rate for 2022 (page 4, line 171), True-Up Adjustment for 2020 (page 4, line 163), and NSPL for 2022 (page 4, line 169) (“2022 Projection”).

Part 2 – The transmission formula is based on 2020 actual data, which is used to calculate the True-Up Adjustment for 2020, without interest.

On July 17, 2014, the Commission Staff published “Staff’s Guidance on Formula Rate Updates.”⁴ In response to this guidance, Dominion is providing with this filing: (i) workable Excel files of the formula rate calculations presented in Attachment A; and (ii) a workable Excel file of workpapers supporting the 2020 True-Up Adjustment.

II. Estimate of NSPL of Dominion Zone

Dominion updated the estimated 2022 Dominion Zone NSPL, included in the previous posting of the Annual Update dated October 29, 2021, to reflect PJM’s November 11, 2021 posting of the official Dominion Zone NSPL (20,404.5 MW) for the 2022 rate year.⁵

III. Further Explanations

Pursuant to Attachment H-16B to the PJM OATT, on June 15, 2021, Dominion posted the calculations for the 2020 True-Up Adjustment on the PJM website, followed by a posting of the Annual Update on September 15, 2021 and subsequently on October 29, 2021. In accordance with Section 1 of Attachment H-16B to the PJM OATT, the September 15, 2021

³ This information is also posted and accessible under the “Formula Rates” section of PJM’s website, available here: <https://www.pjm.com/markets-and-operations/billing-settlements-and-credit/formula-rates.aspx>.

⁴ Available here: <https://www.ferc.gov/sites/default/files/2020-04/staff-guidance.pdf>.

⁵ PJM’s posted document is available here: <https://www.pjm.com/-/media/markets-ops/settlements/network-service-peak-loads-2022.ashx>.

posting included a statement that “there were no Material Accounting Changes during the twelve months ending August 31, 2021.”

The instant 2022 Annual Update Informational Filing differs significantly from the October 29, 2021 posting made to PJM’s website with regards to accumulated deferred income taxes (“ADIT”). While the October 29, 2021 posting reflected modifications to the formula rate proposed by Dominion to comply with the Commission’s requirements in Order No. 864 issued on November 21, 2019,⁶ that compliance proceeding is still pending in Docket No. ER20-1085-000.⁷ Therefore, the proposed Order No. 864 compliance changes to the formula rate **are not reflected** in the instant 2022 Annual Update Informational Filing. Rather, the instant 2022 Annual Update filing reflects the version of the formula rate as it existed immediately prior to the proposed Order No. 864 compliance filing made on February 26, 2020. Changes to the 2022 annual revenue requirement resulting from the Commission’s acceptance of the Order No. 864 compliance filing will be trued-up in 2022 and reflected in the 2024 Annual Update.

Furthermore, Part 2 of Attachment A was updated since the October 29, 2021 posting to correct the actual May 2020 General and Intangible Plant balance on Attachment 5 (Cost Support 1) of the formula rate. The correction had no impact on the ending general plant balance as stated on page 207 of VEPCO’s FERC Form 1; however, the 13-month average on Attachment 5 of the 2020 True-Up slightly decreased by less than 0.05%. In addition, due to certain changes made to the 2020 True-Up since the October 29, 2021 posting as stated above, the actual values reflected on Attachments 6, 7, 10B, and 11A slightly changed, which necessitated concomitant updates to the same Attachments in the 2022 Projection. Also updated since the October 29, 2021 posting were the state tax rates found on Attachment 5, along with the Virginia portion of the Dominion Zone NSPL found on Attachment 10 which was computed based on the finalized load values provided by PJM, consistent with PJM’s November 11, 2021 posting of the official Dominion Zone NSPL.

Lastly, the 2022 Annual Update also includes a one-time credit to the customers of \$483,331.05, reflected on Line 149 as a reduction to the 2022 annual revenue requirement, resulting from successful resolution of various preliminary challenges under Dominion’s formula rate protocols.

IV. Miscellaneous

This filing contains no expenses or costs that have been alleged or judged in any administrative or judicial proceeding to be illegal, duplicative, or unnecessary costs that are demonstrably the product of discriminatory employment practices, as defined in 18 C.F.R. § 35.13(b)(7) (2021).

⁶ *Public Utility Transmission Rate Changes to Address Accumulated Deferred Income Taxes*, Order No. 864, 169 FERC ¶ 61,139 (2019).

⁷ *Virginia Electric and Power Company*, Order No. 864 Compliance Filing, Docket No. ER20-1085-000 (filed Feb. 26, 2020).

Dominion will submit this filing to PJM for posting on its website (www.PJM.com).

V. Conclusion

Thank you for your attention to this Informational Filing. Please direct any questions to the undersigned.

Respectfully submitted,

/s/ Christopher R. Jones

Christopher R. Jones
Miles H. Kiger
TROUTMAN PEPPER HAMILTON SANDERS LLP
401 9th Street, NW, Suite 1000
Washington, DC 20004

Cheri Yochelson
Senior Counsel
Dominion Energy Services, Inc.
120 Tredegar Street, RS-5
Richmond, VA 23219

Counsel to Dominion Energy Virginia

CERTIFICATE OF SERVICE

I hereby certify that on this 14th day of January, 2022, I have served a copy of the foregoing document upon each person designated on the official service list compiled by the Secretary in these proceedings.

/s/ Miles H. Kiger

Miles H. Kiger

TROUTMAN PEPPER HAMILTON SANDERS LLP

401 9th Street, NW, Suite 1000

Washington, DC 20004

**Attachment A – Part 1
2022 Projection**

**Virginia Electric and Power Company
ATTACHMENT H-16A**

FERC Form 1 Page # or

2022

Formula Rate -- Appendix A

Notes

Instruction (Note H)

Shaded cells are input cells

(000's)

Allocators

Wages & Salary Allocation Factor				
1	Transmission Wages Expense	p354.21b/ Attachment 5	\$	54,455
2	Less Generator Step-ups	Attachment 5		3
3	Net Transmission Wage Expenses	(Line 1 - 2)		54,452
4	Total Wages Expense	p354.28b/Attachment 5		641,748
5	Less A&G Wages Expense	p354.27b/Attachment 5		88,477
6	Total	(Line 4 - 5)	\$	553,271

7	Wages & Salary Allocator	(Note B)	(Line 3 / 6)	9.8419%
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Plant Allocation Factors				
8	Electric Plant In Service	(Notes A & Q)	p207.104.g/Attachment 5	\$ 50,605,361
9	Common Plant In Service - Electric		(Line 26)	0
10	Total Plant In Service		(Sum Lines 8 & 9)	50,605,361
11	Accumulated Depreciation (Total Electric Plant)	(Notes A & Q)	(Line 15 - 14 - 13 - 12)	19,317,945
12	Accumulated Intangible Amortization	(Notes A & Q)	p200.21c/Attachment 5	184,141
13	Accumulated Common Amortization - Electric	(Notes A & Q)	p356/Attachment 5	0
14	Accumulated Common Plant Depreciation - Electric	(Notes A & Q)	p356/Attachment 5	0
15	Total Accumulated Depreciation		p219.29c/Attachment 5	19,502,086

16	Net Plant		(Line 10 - 15)	31,103,275
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17	Transmission Gross Plant		(Line 31 - 30)	11,710,739
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18	Gross Plant Allocator	(Note B)	(Line 17 / 10)	23.1413%
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19	Transmission Net Plant		(Line 44 - 30)	\$ 9,436,942
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20	Net Plant Allocator	(Note B)	(Line 19 / 16)	30.3407%
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Plant Calculations

Plant In Service				
21	Transmission Plant In Service	(Notes A & Q)	p207.58.g/Attachment 5	\$ 12,187,230
22	Less: Generator Step-ups	(Notes A & Q)	Attachment 5	419,529
23	Less: Interconnect Facilities Installed After March 15, 2000	(Notes A & Q)	Attachment 5	170,101
24	Total Transmission Plant In Service		(Lines 21 - 22 - 23)	11,597,601

25	General & Intangible	(Notes A & Q)	p205.5.g + p207.99.g/Attachment 5	1,149,555
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26	Common Plant (Electric Only)		p356/Attachment 5	0
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27	Total General & Common		(Line 25 + 26)	1,149,555
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28	Wage & Salary Allocation Factor		(Line 7)	9.8419%
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29	General & Common Plant Allocated to Transmission		(Line 27 * 28)	\$ 113,138
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30	Plant Held for Future Use (Including Land)	(Notes C & Q)	p214.47.d/Attachment 5	\$ 6,521
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31	TOTAL Plant In Service		(Line 24 + 29 + 30)	\$ 11,717,260
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Accumulated Depreciation

32	Transmission Accumulated Depreciation	(Notes A & Q)	p219.25.c/Attachment 5	\$ 2,410,093
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33	Less Accumulated Depreciation for Generator Step-ups	(Notes A & Q)	Attachment 5	149,081
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34	Less Accumulated Depreciation for Interconnect Facilities Installed After March 15, 2000	(Notes A & Q)	Attachment 5	39,870
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35	Total Accumulated Depreciation for Transmission		(Line 32 - 33 - 34)	2,221,141
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36	Accumulated General Depreciation	(Notes A & Q)	p219.28.b/Attachment 5	350,870
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37	Accumulated Intangible Amortization	(Notes A & Q)	(Line 12)	184,141
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38	Accumulated Common Amortization - Electric		(Line 13)	0
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39	Common Plant Accumulated Depreciation (Electric Only)		(Line 14)	0
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40	Total Accumulated Depreciation		(Sum Lines 36 to 39)	535,011
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41	Wage & Salary Allocation Factor		(Line 7)	9.8419%
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42	General & Common Allocated to Transmission		(Line 40 * 41)	52,655
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43	TOTAL Accumulated Depreciation		(Line 35 + 42)	\$ 2,273,797
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44	TOTAL Net Property, Plant & Equipment		(Line 31 - 43)	\$ 9,443,464
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Adjustment To Rate Base					
Accumulated Deferred Income Taxes					
45	Average Balance	(Note U)	Attachment 1	\$	(1,733,790)
45A	Accumulated Deferred Income Taxes Attributable To Acquisition Adjustments		Attachment 5	\$	(574)
46	Accumulated Deferred Income Taxes Allocated To Transmission		(Line 45 + 45A)	\$	(1,734,364)
Transmission-Related Assets/Unfunded Reserves Rate Base Adjustment					
47	Transmission-Related Assets/Unfunded Reserves	(Notes A & R)	Attachment 5	\$	(31,763)
Unamortized Excess/Deficient Deferred Income Taxes					
47A	Unamortized Exc/Def Deferral		Attachment 5	\$	22,305
Prepayments					
48	Prepayments	(Notes A & R)	Attachment 5	\$	2,590
49	Total Prepayments Allocated to Transmission		(Line 48)	\$	2,590
Materials and Supplies					
50	Undistributed Stores Exp	(Notes A & R)	Attachment 5	\$	-
51	Wage & Salary Allocation Factor		(Line 7)		9.8419%
52	Total Transmission Allocated Materials and Supplies		(Line 50 * 51)		0
53	Transmission Materials & Supplies	(Note A)	Attachment 5		23,408
54	Total Materials & Supplies Allocated to Transmission		(Line 52 + 53)	\$	23,408
Cash Working Capital					
55	Transmission Operation & Maintenance Expense		(Line 85)	\$	150,934
56	1/8th Rule		x 1/8		12.5%
57	Total Cash Working Capital Allocated to Transmission		(Line 55 * 56)	\$	18,867
Network Credits					
58	Outstanding Network Credits	(Note N)	Attachment 5 / From PJM		0
59	Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credits	(Note N)	Attachment 5 / From PJM		0
60	Net Outstanding Credits		(Line 58 - 59)		0
Electric Plant Acquisition Adjustments Approved by FERC					
60A	Acquisition Adjustments Amount		Attachment 5	\$	8,804
60B	Accumulated Provision for Amortization of Line 60A Amount		Attachment 5		1,007
60C	Transmission Plant Unamortized Acquisition Adjustments Amount		(Line 60A - 60B)	\$	7,797
61	TOTAL Adjustment to Rate Base		(Line 46 + 47 + 47A + 49 + 54 + 57 - 60 + 60C)	\$	(1,691,160)
62	Rate Base		(Line 44 + 61)	\$	7,752,303
O&M					
Transmission O&M					
63	Transmission O&M		p321.112.b/Attachment 5	\$	86,906
64	Less GSU Maintenance		Attachment 5		7
65	Less Account 565 - Transmission by Others		p321.96.b/Attachment 5		(32,504)
66	Plus Schedule 12 Charges billed to Transmission Owner and booked to Account 565	(Note O)	PJM Data		0
67	Transmission O&M		(Lines 63 - 64 + 65 + 66)	\$	119,403
Allocated General & Common Expenses					
68	Common Plant O&M	(Note A)	p356		0
69	Total A&G		Attachment 5		341,685
70	Less Property Insurance Account 924		p323.185b		9,456
71	Less Regulatory Commission Exp Account 928	(Note E)	p323.189b/Attachment 5		35,299
72	Less General Advertising Exp Account 930.1		p323.911b/Attachment 5		2,650
73	Less EPRI Dues	(Note D)	p352-353/Attachment 5		5,252
74	General & Common Expenses		(Lines 68 + 69) - Sum (70 to 73)	\$	289,029
75	Wage & Salary Allocation Factor		(Line 7)		9.8419%
76	General & Common Expenses Allocated to Transmission		(Line 74 * 75)	\$	28,446
Directly Assigned A&G					
77	Regulatory Commission Exp Account 928	(Note G)	p323.189b/Attachment 5	\$	216
78	General Advertising Exp Account 930.1	(Note K)	p323.191b		0
79	Subtotal - Transmission Related		(Line 77 + 78)		216
80	Property Insurance Account 924		p323.185b		9,456
81	General Advertising Exp Account 930.1	(Note F)	Attachment 5		0
82	Total		(Line 80 + 81)		9,456
83	Net Plant Allocation Factor		(Line 20)		30.3407%
84	A&G Directly Assigned to Transmission		(Line 82 * 83)	\$	2,869
85	Total Transmission O&M		(Line 67 + 76 + 79 + 84)	\$	150,934

Depreciation & Amortization Expense

Depreciation Expense				
86	Transmission Depreciation Expense	(Notes A and S)	p336.7b&c/Attachment 5	\$ 307,556
87	Less: GSU Depreciation		Attachment 5	12,809
88	Less Interconnect Facilities Depreciation		Attachment 5	5,194
89	Extraordinary Property Loss		Attachment 5	0
90	Total Transmission Depreciation		(Line 86 - 87 - 88 + 89)	289,553
90A	Amortization of Acquisition Adjustments		Attachment 5	205
91	General Depreciation	(Note A)	p336.10b&c&d/Attachment 5	32,172
92	Intangible Amortization	(Note A)	p336.1d&e/Attachment 5	29,377
93	Total		(Line 91 + 92)	61,549
94	Wage & Salary Allocation Factor		(Line 7)	9.8419%
95	General and Intangible Depreciation Allocated to Transmission		(Line 93 * 94)	6,058
96	Common Depreciation - Electric Only	(Note A)	p336.11.b	0
97	Common Amortization - Electric Only	(Note A)	p356 or p336.11d	0
98	Total		(Line 96 + 97)	0
99	Wage & Salary Allocation Factor		(Line 7)	9.8419%
100	Common Depreciation - Electric Only Allocated to Transmission		(Line 98 * 99)	0

101	Total Transmission Depreciation & Amortization		(Line 90 + 90A + 95 + 100)	\$ 295,816
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Taxes Other than Income

102	Taxes Other than Income		Attachment 2	\$ 81,391
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103	Total Taxes Other than Income		(Line 102)	\$ 81,391
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Return / Capitalization Calculations

Long Term Interest				
104	Long Term Interest	(Note T)	p117.62c through 67c/Attachment 5	\$ 543,232
105	Less LTD Interest on Securitization Bonds	(Note P)	Attachment 8	0
106	Long Term Interest		(Line 104 - 105)	\$ 543,232
107	Preferred Dividends	(Note T), enter positive	p118.29c	\$ -
Common Stock				
108	Proprietary Capital		p112.16c,d/2	\$ 14,272,587
109	Less Preferred Stock	(Note T), enter negative	(Line 117)	0
110	Less Account 219 - Accumulated Other Comprehensive Income	(Note T), enter negative	p112.15c,d/2	\$ 40,812
111	Common Stock		(Sum Lines 108 to 110)	\$ 14,313,399
Capitalization				
112	Long Term Debt		p112.24c,d/2	\$ 13,071,933
113	Less Loss on Reacquired Debt	(Note T), enter negative	p111.81c,d/2	\$ (389)
114	Plus Gain on Reacquired Debt	(Note T), enter positive	p113.61c,d/2	\$ 3,007
115	Less LTD on Securitization Bonds	(Note P)	(Note T), enter negative Attachment 8	0
116	Total Long Term Debt		(Sum Lines 112 to 115)	13,074,551
117	Preferred Stock	(Note T), enter positive	p112.3c,d/2	0
118	Common Stock		(Line 111)	14,313,399
119	Total Capitalization		(Sum Lines 116 to 118)	\$ 27,387,950
120	Debt %	Total Long Term Debt	(Line 116 / 119)	47.7%
121	Preferred %	Preferred Stock	(Line 117 / 119)	0.0%
122	Common %	Common Stock	(Line 118 / 119)	52.3%
123	Debt Cost	Total Long Term Debt	(Line 106 / 116)	0.0415
124	Preferred Cost	Preferred Stock	(Line 107 / 117)	0.0000
125	Common Cost	Common Stock	(Note J) Fixed	0.1140
126	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 120 * 123)	0.0198
127	Weighted Cost of Preferred	Preferred Stock	(Line 121 * 124)	0.0000
128	Weighted Cost of Common	Common Stock	(Line 122 * 125)	0.0596
129	Total Return (R)		(Sum Lines 126 to 128)	0.0794

130	Investment Return = Rate Base * Rate of Return		(Line 62 * 129)	615,634
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Composite Income Taxes

Income Tax Rates				
131	FIT=Federal Income Tax Rate		Attachment 5	21.00%
132	SIT=State Income Tax Rate or Composite	(Note I)	Attachment 5	5.74%
133	p	(percent of federal income tax deductible for state purposes)	Per State Tax Code	0.00%
134	T	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\}$		25.53%
135	T/(1-T)			34.29%
Transmission Related Income Tax Adjustments				
136	Amortized Investment Tax Credit (ITC)	(Note I) enter negative	Attachment 1	\$ (128)
136A	Other Income Tax Adjustments		Attachment 5	\$ (2,066)
137	T/(1-T)		(Line 135)	34.29%
138	Transmission Income Taxes - Income Tax Adjustments		$((\text{Line } 136 + 136A) * (1 + \text{Line } 137))$	\$ (2,947)
139	Transmission Income Taxes - Equity Return =	$\text{CIT}=(T/1-T) * \text{Investment Return} * (1-(\text{WCLTD/R})) =$	$[\text{Line } 135 * 130 * (1-(126 / 129))]$	158,371
140	Total Transmission Income Taxes		(Line 138 + 139)	155,424
REVENUE REQUIREMENT				
Summary				
141	Net Property, Plant & Equipment		(Line 44)	\$ 9,443,464
142	Adjustment to Rate Base		(Line 61)	(1,691,160)
143	Rate Base		(Line 62)	\$ 7,752,303
144	O&M		(Line 85)	150,934
145	Depreciation & Amortization		(Line 101)	295,816
146	Taxes Other than Income		(Line 103)	81,391
147	Investment Return		(Line 130)	615,634
148	Income Taxes		(Line 140)	155,424
149	One-time Credit per Resolution of Preliminary Challenges dated December 16, 2021			(483)
150	Revenue Requirement		(Sum Lines 144 to 149)	\$ 1,298,715
Acquisition Adjustments Revenue Requirement				
150A	Acquisition Adjustments Return		Line 129 * (60C + 45A)	\$ 574
150B	Acquisition Adjustments Income Taxes		$[\text{Line } 135 * 150A * (1 - (126 / 129))]$	148
150C	Amortization of Acquisition Adjustments		(Line 90A)	205
150D	Acquisition Adjustments Revenue Requirement		$(\text{Line } 150A + 150B + 150C)$	\$ 926
Net Plant Carrying Charge				
151	Revenue Requirement excluding Acquisition Adjustments Revenue Requirement		(Line 150 - 150D)	\$ 1,297,789
152	Net Transmission Plant		(Line 24 - 35)	9,376,459
153	Net Plant Carrying Charge without Acquisition Adjustments		(Line 151 / 152)	13.8409%
154	Net Plant Carrying Charge without Acquisition Adjustments and Depreciation		$(\text{Line } 151 - 86) / 152$	10.5608%
155	Net Plant Carrying Charge without Acquisition Adjustments, Depreciation, Return or Income Taxes		$(\text{Line } 150 - 86 - 90A - 130 - 140) / 152$	2.3452%
Net Plant Carrying Charge Calculation with 100 Basis Point increase in ROE				
156	Gross Revenue Requirement Less Return, Income Taxes, and Amortization of Acquisition Adjustments		(Line 150 - 147 - 148 - 90A)	\$ 527,453
157	Increased Return and Taxes		Attachment 4	824,693
158	Net Revenue Requirement excluding Acquisition Adjustments Rev. Req. with 100 Basis Point increase in ROE		$(\text{Line } 156 + 157)$	1,352,146
159	Net Transmission Plant		(Line 152)	9,376,459
160	Net Plant Carrying Charge with 100 Basis Point increase in ROE without Acquisition Adjustments		$(\text{Line } 158 / 159)$	14.4206%
161	Net Plant Carrying Charge with 100 Basis Point increase in ROE without Acquisition Adjustments and Depreciation		$(\text{Line } 158 - 86) / 159$	11.1406%
Revenue Requirement				
162	True-up Adjustment		(Line 150)	\$ 1,298,715
163	Plus any increased ROE calculated on Attachment 7 other than PJM Schedule 12 projects.		Attachment 6	3,146
164	Facility Credits under Section 30.9 of the PJM OATT.		Attachment 7	1,966
165	Revenue Credits		Attachment 5	3,212
166	Interest on Network Credits		Attachment 3	(28,791)
167	Annual Transmission Revenue Requirement (ATRR)		PJM data	0
168			$(\text{Line } 162 + 163 + 164 + 165 + 166 + 167)$	\$ 1,278,249
Rate for Network Integration Transmission Service				
169	1 CP Peak	(Note L)	PJM Data	20,404.5
170	Rate (\$/MW-Year)		(Line 168 / 169)	62,645.46
171	Rate for Network Integration Transmission Service (\$/MW/Year)		(Line 170)	62,645.46

Notes

- A Electric portion only - VEPCO does not have Common Plant.
- B Excludes amounts for Generator Step-ups and Interconnection Facilities, when appropriate.
- C Includes Transmission portion only.
- D Excludes all EPRI Annual Membership Dues.
- E Includes all regulatory commission expenses.
- F Includes all safety related advertising included in Account 930.1.
- G Includes all regulatory commission expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at 351.h.
- H The Form 1 reference indicates only the end-of-year balance used to derive the amount beside the reference. Each plant balance with a Form 1 reference will include the Form 1 balance in an average of the 13 month balances for the year. Each non-plant balance included in rate base with a Form 1 reference will include Form 1 balances in the calculation of the average of the beginning and end of year balances for the year. See notes Q and R below.
- I 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. If the utility includes taxes in more than one state, it must explain in Attachment 5 the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that elected to use 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) multiplied by $(1/1-T)$. A utility must not include tax credits as a reduction to rate base and as an amortization against taxable income.
- J Per FERC order in Docket No. ER08-92, the ROE is 11.4%, which includes a 50 basis point RTO membership adder as authorized by FERC to become effective January 1, 2008. Per FERC order in Docket No. _____, the ROE for each specific project identified in that order will also include either an 150 or 125 basis point transmission incentive adder as authorized by the Commission.
- K Education and outreach expenses relating to transmission, for example siting or billing.
- L As provided for in Section 34.1 of the PJM OATT.
- M Amount of transmission plant excluded from rates per Attachment 5.
- N Outstanding Network Credits is the balance of Network Facilities Upgrades Credits due Transmission Customers who have made lump-sum payments (net of accumulated depreciation) toward the construction of Network Transmission Facilities consistent with Paragraph 657 of Order 2003-A. Interest on the Network Credits as booked each year is added to the revenue requirement on Line 167.
- O Payments made under Schedule 12 of the PJM OATT that are not directly assessed to load in the Zone under Schedule 12 are included in Transmission O&M. If they are booked to Acct 565, they are included on Line 66.
- P Securitization bonds may be included in the capital structure.
- Q Calculated using 13 month average balance. Only beginning and end of year balances are from Form 1.
- R Calculated using average of beginning and end of year balances. Beginning and end of year balances are from Form 1.
- S The depreciation rates are included in Attachment 9.
- T For the initial formula rate calculation, the projected capital structure shall reflect the capital structure from the 2006 FERC Form No. 1 data. For all other formula rate calculations, the projected capital structure and actual capital structure shall reflect the capital structure from the most recent FERC Form No. 1 data available.
- U ADIT amounts included on Line 45A are not to be included on Line 45 or in the underlying attachments in which the Line 45 amount is computed.

END PRINT RANGE ABOVE HASHED LINE -- NO FORMULA COMPONENTS ARE BELOW.

Virginia Electric and Power Company
Attachment 1 - Accumulated Deferred Income Tax (ADIT) Worksheet - December 31 of the Current Year
(In Thousands)

Current Year: **2022**

Wage and Salary Allocator from Line 7 of Appendix A for the Current Year
Gross Plant Allocator from Line 18 of Appendix A for the Current Year

9.8419%
23.1413%

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
ADIT - Liberalized Depreciation (Amounts Including Adjustments)								
1	Liberalized Depreciation - Transmission	\$ (1,560,188)			(1,560,188)	Assigned	100.0000%	(1,560,188)
2	Liberalized Depreciation - General Plant	\$ (58,097)			(58,097)	Wages & Salaries	9.8419%	(5,718)
3	Liberalized Depreciation - Computer Software (Reverse Book Depreciation)	\$ (18,454)			(18,454)	Wages & Salaries	9.8419%	(1,816)
4	Liberalized Depreciation - Computer Software (Tax Depreciation)	\$ -			-	Wages & Salaries	9.8419%	-
5	Total Liberalized Depreciation Amounts Including Adjustments (Sum of Lines 1 - 4)	\$ (1,636,739)			\$ (1,636,739)			\$ (1,567,722)
ADIT - Plant Related Other than Liberalized Depreciation								
6	Transmission Plant (net of GSU/GI Proportion)	85	(172,429)		(172,345)	Assigned	100.0000%	(172,345)
7	General Plant	25	(11,471)		(11,446)	Wages & Salaries	9.8419%	(1,126)
8	Plant - Other	52,204	(120)	(48,983)	3,102	Gross Plant	23.1413%	718
9	Total Plant Related Other than Liberalized Depreciation (Sum of Lines 6 - 8)	\$ 52,314	\$ (184,020)	\$ (48,983)	\$ (180,689)			\$ (172,754)
ADIT - Not Plant Related								
10	Employee Benefits	139,328	-	(86,800)	52,528	Wages & Salaries	9.8419%	5,170
11	Other Operating	9,500	-	(427)	9,073	Wages & Salaries	9.8419%	893
12	Total Not Plant Related (Sum of Lines 10 - 11)	\$ 148,828	\$ -	\$ (87,227)	\$ 61,601			\$ 6,063
13	Total ADIT used for Assignment or Allocation to Transmission (Sum of Lines 5, 9 & 12)	\$ 201,142	\$ (1,820,759)	\$ (136,210)	\$ (1,755,827)			\$ (1,734,413)
Reconciliation to FERC Form 1 Accounts:								
14	Liberalized Depreciation not Allocated or Assigned to Transmission	(4,014,097)						
15	Total Amount of Excluded ADIT in Line 5 due to Adjustments	(53,178)						
16	Excluded Amounts (see Explanations below)	3,404,541	1,717,881	(1,980,272)				
17	Total ADIT Not Used for Assignment or Allocation to Transmission (Sum of Lines 14-16)	\$ 3,404,541	\$ (2,349,393)	\$ (1,980,272)				
18	Total FERC Form 1 Balance (Sum of Lines 13 & 17)	\$ 3,605,683	\$ (4,170,153)	\$ (2,116,481)				

Explanations:

A detailed set of work papers supporting these inputs shall be included with the work papers posted on the PJM website and included in the informational filing with the Commission. Lines 1-4 inputs are from Attachment 1B if the inputs are for a projected rate calculation or from Attachment 1C if the inputs are for a true-up calculation. Lines 6-8, 10-11 and 14 inputs are totals for each category by account obtained from work papers maintained by the Tax Department. Line 15 represents the impact of proration and the removal of ADIT associated with generator step-up transformers as determined on Attachment 1B or 1C. It is the mathematical difference between the inputs for Lines 1-4 and the unadjusted amounts provided in the applicable Attachment 1B or 1C. Line 16 inputs are excluded ADIT items (not otherwise listed in Lines 14 and 15) from the Formula Rate such as ADIT associated with the production and distribution functions, non-operating income and deductions, and other comprehensive income entries or unfunded ADIT balances primarily due to the adoption of SFAS No. 109.

Virginia Electric and Power Company
Attachment 1 -- Continued
(In Thousands)

<u>Line</u>	<u>Description</u>	<u>Balance Date</u>	<u>Amount</u>
	<u>ADIT Summary and Calculation of Average Balance</u>		
19	Transmission Total ADIT from Attachment 1, Line 13	December 31 of the Current Year	\$ (1,734,413)
20	Transmission Total ADIT from Attachment 1A, Line 13 (Note 1)	December 31 of the Previous Year	\$ (1,733,167)
21	Average Balance for Entry on Line 45 of Appendix A		<u>\$ (1,733,790)</u>

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet -- Amortization of ITC-255

<u>Item</u>	<u>Amortization</u>
22 Amortization of Transmission Related for Entry on Line 136 of Appendix A	\$ 128
23 Amortization, Other	\$ (39,699)
24 Current Year Amortization (Line 22 + 23)	<u>\$ (39,571)</u>
25 Current Year Amortization from Form 1 (Current Year Items from p266.8f-g)	\$ (39,571)
26 Difference (Line 24 - 25) (Must be Zero)	\$ -

Note (1): For the true-up of 2017 only, the value entered on Line 20 shall be the December 31, 2016 ADIT balance from the 2016 true-up population of the formula rate in effect on December 31, 2016.

Virginia Electric and Power Company
Attachment 1A - Accumulated Deferred Income Tax (ADIT) Worksheet - December 31 of the Previous Year
(In Thousands)

Previous Year: **2021**

For the true-up of 2017, this Attachment 1A shall not be populated. The December 31, 2016 ADIT balance used in Attachment 1 of the 2017 true-up population shall be the December 31, 2016 ADIT balance from the 2016 true-up population of the formula rate in effect on December 31, 2016.

Wage and Salary Allocator from Line 7 of Appendix A for the Previous Year
Gross Plant Allocator from Line 18 of Appendix A for the Previous Year

10.1376%
22.7075%

Line	(A)	(B)	(C)	(D)	(E)	(F)	Transmission		Transmission Total
							(G)	(H)	
			Account 190	Account 282	Account 283	Total	Allocation / Assignment Method	Allocation / Assignment %	
ADIT - Liberalized Depreciation (Amounts Including Adjustments)									
1	Liberalized Depreciation - Transmission		\$ (1,560,188)			(1,560,188)	Assigned	100.0000%	(1,560,188)
2	Liberalized Depreciation - General Plant		\$ (58,097)			(58,097)	Wages & Salaries	10.1376%	(5,890)
3	Liberalized Depreciation - Computer Software (Reverse Book Depreciation)		\$ (18,454)			(18,454)	Wages & Salaries	10.1376%	(1,871)
4	Liberalized Depreciation - Computer Software (Tax Depreciation)		\$ -			-	Wages & Salaries	10.1376%	-
5	Total Liberalized Depreciation Amounts including Adjustments (Sum of Lines 1 - 4)		\$ -	\$ (1,636,739)		\$ (1,636,739)			\$ (1,567,948)
ADIT - Plant Related Other than Liberalized Depreciation									
6	Transmission Plant (net of GSU/GI Proportion)		84	(171,091)	-	(171,007)	Assigned	100.0000%	(171,007)
7	General Plant		25	(11,471)	-	(11,446)	Wages & Salaries	10.1376%	(1,160)
8	Plant - Other		52,204	(120)	(48,983)	3,102	Gross Plant	22.7075%	704
9	Total Plant Related Other than Liberalized Depreciation (Sum of Lines 6 - 8)		\$ 52,313	\$ (182,682)	\$ (48,983)	\$ (179,351)			\$ (171,463)
ADIT - Not Plant Related									
10	Employee Benefits		139,328	-	(86,800)	52,528	Wages & Salaries	10.1376%	5,325
11	Other Operating		9,500	-	(427)	9,073	Wages & Salaries	10.1376%	920
12	Total Not Plant Related (Sum of Lines 10 - 11)		\$ 148,828	\$ -	\$ (87,227)	\$ 61,601			\$ 6,245
13	Total ADIT used for Assignment or Allocation to Transmission (Sum of Lines 5, 9 & 12)		\$ 201,141	\$ (1,819,421)	\$ (136,210)	\$ (1,754,489)			\$ (1,733,167)
Reconciliation to FERC Form 1 Accounts:									
14	Liberalized Depreciation not Allocated or Assigned to Transmission			(4,014,097)					
15	Total Amount of Excluded ADIT in Line 5 due to Adjustments			(53,178)					
16	Excluded Amounts (see Explanations below)		3,404,541	1,716,542	(1,980,272)				
17	Total ADIT Not Used for Assignment or Allocation to Transmission (Sum of Lines 14-16)		3,404,541	(2,350,732)	(1,980,272)				
18	Total FERC Form 1 Balance (Sum of Lines 13 & 17)		\$ 3,605,683	\$ (4,170,153)	\$ (2,116,481)				

Explanations:

A detailed set of work papers supporting these inputs shall be included with the work papers posted on the PIM website and included in the informational filing with the Commission. Lines 1-4 inputs are from Attachment 1B if the inputs are for a projected rate calculation or from Attachment 1C if the inputs are for a true-up calculation. Lines 6-8, 10-11 and 14 inputs are totals for each category by account obtained from work papers maintained by the Tax Department. Line 15 represents the impact of proration and the removal of ADIT associated with generator step-up transformers as determined on Attachment 1B or 1C. The mathematical difference between the inputs for Lines 1-4 and the unadjusted amounts provided in the applicable Attachment 1B or 1C. Line 16 inputs are excluded ADIT items (not otherwise listed in Lines 14 and 15) from the Formula Rate such as ADIT associated with the production and distribution functions, non-operating income and deductions, and other comprehensive income entries or unfunded ADIT balances primarily due to the adoption of SFAS No. 109.

2,993,527

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 1B – 2020 Projection / 2019 True-Up
Projected Accumulated Deferred Federal Income Taxes Associated with Pro-rata Liberalized Depreciation

Applicable to the Projections of 2019 and Later and True-ups of 2019 and Later

If the formula rate population is for determining a projected ATRR, enter the year for which the projection is being made on line 1 and populate the remainder of this Attachment 1B with the projected data associated with that year. If the formula rate population is for determining a true-up ATRR for use on Line A of Attachment 6, enter the year for which the true-up is being calculated on line 1 and populate the remainder of this Attachment 1B with the data that was included in Attachment 1B of the projection associated with that year.

Sheet 1 of 3

Line 1 Projection for Year: 2022
 Line 2 Number of Days in Year: 365 (Enter 365, or for Leap Year enter 366)

Part 1: Account 282, Transmission Plant In Service

Columns 3, 4, 7, and 8 are in dollars (except line 16).

Line	(1) Year	(2) Month	(3) Projected Transmission Plant in Service ADIT	(4) Activity	(5) Remaining Days	(6) Ratio	(7) Activity with Proration	(8) ADIT with Proration	
3	2021	Dec	(1,622,868,128)					(1,622,868,128)	
4	2022	Jan	(1,625,861,655)	(2,993,527)	335	0.917808	(2,747,484)	(1,625,615,612)	
5	2022	Feb	(1,628,855,182)	(2,993,527)	307	0.841096	(2,517,843)	(1,628,133,455)	
6	2022	Mar	(1,631,848,709)	(2,993,527)	276	0.756164	(2,263,598)	(1,630,397,053)	
7	2022	Apr	(1,634,842,236)	(2,993,527)	246	0.673973	(2,017,555)	(1,632,414,608)	
8	2022	May	(1,637,835,763)	(2,993,527)	215	0.589041	(1,763,310)	(1,634,177,918)	
9	2022	Jun	(1,640,829,289)	(2,993,527)	185	0.506849	(1,517,267)	(1,635,695,185)	
10	2022	Jul	(1,643,822,816)	(2,993,527)	154	0.421918	(1,263,022)	(1,636,958,207)	
11	2022	Aug	(1,646,816,343)	(2,993,527)	123	0.336986	(1,008,778)	(1,637,966,985)	
12	2022	Sep	(1,649,809,870)	(2,993,527)	93	0.254795	(762,734)	(1,638,729,719)	
13	2022	Oct	(1,652,803,397)	(2,993,527)	62	0.169863	(508,490)	(1,639,238,209)	
14	2022	Nov	(1,655,796,924)	(2,993,527)	32	0.087671	(262,446)	(1,639,508,655)	
15	2022	Dec	(1,658,790,451)	(2,993,527)	1	0.002740	(8,201)	(1,639,508,856)	
16	Total Transmission Plant In Service Net of GSU and GI Plant as a Percentage of Total Transmission Plant In Service:								95.16%
17	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate a Projected ATRR:								(1,560,187,879)

Explanations:

Col. 3	Projected Account 282 month-end ADIT (excludes cost of removal).
Col. 4	Monthly change in ADIT balance.
Col. 5	Number of days remaining in the year as of and including the last day of the month.
Col. 6	Col. 5 divided by the number of days in the year.
Col. 7	Col. 4 multiplied by col. 6.
Col. 8, Line 3	Amount from col. 3, line 3.
Col. 8, Lines 4-15	Col. 8 of previous month plus col. 7 of current month.
Col. 8, Line 16	Appendix A Line 24 ÷ Appendix A, Line 21 (from the projection population of the formula)
Col. 8, Line 17	Col. 8, Line 15 multiplied by line 16.

Attachment 1B - 2020 Projection / 2019 True-Up (Continued)
2022
 Sheet 2 of 3

Part 2: Account 282, General Plant

Columns 3, 4, 7, and 8 are in dollars.

(1) Line	(2) Year	(2) Month	(3) Projected General Plant ADIT	(4) Activity	(5) Remaining Days	(6) Ratio	(7) Activity with Proration	(8) ADIT with Proration
1	2021	Dec	(56,162,507)					(56,162,507)
2	2022	Jan	(56,510,464)	(347,957)	335	0.917808	(319,357)	(56,481,864)
3	2022	Feb	(56,858,420)	(347,957)	307	0.841096	(292,665)	(56,774,529)
4	2022	Mar	(57,206,377)	(347,957)	276	0.756164	(263,112)	(57,037,641)
5	2022	Apr	(57,554,334)	(347,957)	246	0.673973	(234,513)	(57,272,154)
6	2022	May	(57,902,290)	(347,957)	215	0.589041	(204,961)	(57,477,115)
7	2022	Jun	(58,250,247)	(347,957)	185	0.506849	(176,362)	(57,653,477)
8	2022	Jul	(58,598,203)	(347,957)	154	0.421918	(146,809)	(57,800,286)
9	2022	Aug	(58,946,160)	(347,957)	123	0.336986	(117,257)	(57,917,543)
10	2022	Sep	(59,294,117)	(347,957)	93	0.254795	(88,657)	(58,006,200)
11	2022	Oct	(59,642,073)	(347,957)	62	0.169863	(59,105)	(58,065,305)
12	2022	Nov	(59,990,030)	(347,957)	32	0.087671	(30,506)	(58,095,811)
13	2022	Dec	(60,337,987)	(347,957)	1	0.002740	(953)	(58,096,764)

14 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments and 1 1A Only When the Formula Rate Population is to Calculate a Projected ATRR: (58,096,764)

Explanations:

- Col. 3 Projected Account 282 month-end ADIT (excludes cost of removal).
- Col. 4 Current month change in ADIT balance.
- Col. 5 Number of days remaining in the year as of and including the last day of the month.
- Col. 6 Col. 5 divided by the number of days in the year.
- Col. 7 Col. 4 multiplied by Col. 6.
- Col. 8, Line 1 Amount from col. 3, line 1.
- Col. 8, Lines 2-13 Col. 8 of previous month plus Col. 7 of current month.
- Col. 8, Line 14 Col. 8, Line 13.

Attachment 1B 2020 Projection / 2019 True-Up (Continued)
2022
 Sheet 3 of 3

Part 3: Account 282, Computer Software - Book Amortization

Columns 3, 4, 7, and 8 are in dollars.
 The column and line explanations are as described for Part 2.

(1) Line	(2) Year	(3) Month	(3) Projected Computer Software Book Amount ADIT	(4) Activity	(5) Remaining Days	(6) Ratio	(7) Activity with Proration	(8) ADIT with Proration
1	2021	Dec	(18,929,948)					(18,929,948)
2	2022	Jan	(18,844,355)	85,593	335	0.917808	78,558	(18,851,390)
3	2022	Feb	(18,758,762)	85,593	307	0.841096	71,992	(18,779,398)
4	2022	Mar	(18,673,169)	85,593	276	0.756164	64,722	(18,714,676)
5	2022	Apr	(18,587,576)	85,593	246	0.673973	57,687	(18,656,989)
6	2022	May	(18,501,983)	85,593	215	0.589041	50,418	(18,606,571)
7	2022	Jun	(18,416,390)	85,593	185	0.506849	43,383	(18,563,188)
8	2022	Jul	(18,330,797)	85,593	154	0.421918	36,113	(18,527,075)
9	2022	Aug	(18,245,204)	85,593	123	0.336986	28,844	(18,498,231)
10	2022	Sep	(18,159,610)	85,593	93	0.254795	21,809	(18,476,422)
11	2022	Oct	(18,074,017)	85,593	62	0.169863	14,539	(18,461,883)
12	2022	Nov	(17,988,424)	85,593	32	0.087671	7,504	(18,454,379)
13	2022	Dec	(17,902,831)	85,593	1	0.002740	235	(18,454,144)

14 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate a Projected ATRR: (18,454,144)

Part 4: Account 282, Computer Software - Tax Amortization

Columns 3, 4, 7, and 8 are in dollars.
 The column and line explanations are as described for Part 2.

(1) Line	(2) Year	(3) Month	(3) Projected Computer Software Tax Amount ADIT	(4) Activity	(5) Remaining Days	(6) Ratio	(7) Activity with Proration	(8) ADIT with Proration
1	2021	Dec	0					0
2	2022	Jan	0	0	335	0.917808	0	0
3	2022	Feb	0	0	307	0.841096	0	0
4	2022	Mar	0	0	276	0.756164	0	0
5	2022	Apr	0	0	246	0.673973	0	0
6	2022	May	0	0	215	0.589041	0	0
7	2022	Jun	0	0	185	0.506849	0	0
8	2022	Jul	0	0	154	0.421918	0	0
9	2022	Aug	0	0	123	0.336986	0	0
10	2022	Sep	0	0	93	0.254795	0	0
11	2022	Oct	0	0	62	0.169863	0	0
12	2022	Nov	0	0	32	0.087671	0	0
13	2022	Dec	0	0	1	0.002740	0	0

14 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate a Projected ATRR: 0

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 1C - 2018
True-up of Accumulated Deferred Federal Income Taxes Associated with Pro-rata Liberalized Depreciation

Applicable Only to the True-up of 2018

If the formula rate population is for determining the 2018 true-up ATRR for use on Line A of Attachment 6, populate this Attachment 1C - 2018 with the actual data associated with that year. Use the amounts from line 17 of Part 1, and line 14 of Parts 2, 3, and 4, in populating Attachment 1 and Attachment 1A as instructed in this Attachment 1C - 2018.

Sheet 1 of 4

Line 1 True-up Year: 2018
 Line 2 Number of Days in Year: 365

Part 1: Account 282, Transmission Plant In Service

Columns 3 through 12 are in dollars (except lines 15b, 15e, and 16).

Line	Year	Month	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
			Actual Transmission Plant In Service ADIT	Actual Activity	Projected Activity from Column (4) of Attachment 1B	Activity Difference	Reversal of Projected Activity Not Realized	Activity Not in Projection	Reversal of Projected Activity Not Realized With Proration	Projected Activity With Proration from Column (7) of Attachment 1B	ADIT Activity for True-up	ADIT Balances for True-up		
3	2017	Dec												
4	2018	Jan												
5	2018	Feb												
6	2018	Mar												
7	2018	Apr												
8	2018	May												
9	2018	Jun												
10	2018	Jul												
11	2018	Aug												
12	2018	Sep												
13	2018	Oct												
14	2018	Nov												
15	2018	Dec												
15a														
15b														
15c														48.49%
15d														
15e														51.51%
15f														
15g														

Pre-change -- Average of Actual ADIT Balance from Col. 12, December 31, 2017 and December 31, 2018
 177 Days Divided by 365 Days
 Component of Average ADIT Balance Attributable to January 1 Through June 26 (15a X 15b)
 48.49%

Post-change -- ADIT Balance for True-up from Col. 12, December 31, 2018
 188 Days Divided by 365 Days
 Component of ADIT Balance Attributable to June 27 Through December 31 (15d X 15e)
 51.51%

Pre-change Component plus Post-change Component (15c + 15f)
 94.25%

16 Total Transmission Plant In Service Net of GSU and GI Plant as a Percentage of Total Transmission Plant In Service:

17 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate the 2018 True-up ATRR:

Explanations:

- Col. 3 Actual Account 282 month-end ADIT (excludes cost of removal).
- Col. 4 Monthly change in ADIT balance.
- Col. 6 Col. 4 minus col. 5
- Col. 7 The portion of the amount in col. 6 included in original projection but not realized.
- Col. 8 The portion of the amount in col. 6 not included in original projection.
- Col. 12, Lines 4-15 Col. 12 of previous month plus col. 11 of current month.
- Col. 12, Line 15b Effective date of change is June 27, 2018.
- Col. 12, Line 15d December 31, 2018 balance minus the sum of the activity in col. 8 times a factor of 50%.

Col. 9 The amount in col. 7 multiplied by the ratio from col. 6 of Attachment 1B, Part 1.
Col. 11 The sum of col. 8, col. 9, and col. 10.
Col. 12, Line 3 Amount from col. 3, line 3.

Col. 12, Line 16 Appendix A, Line 24 ÷ Appendix A, Line 21 (from the true-up population of the formula).
Col. 12, Line 17 Col. 12, Line 15g multiplied by line 16.

Attachment 1C - 2018 (Continued)
 2018
 Sheet 2 of 4

Part 2: Account 282, General Plant

Columns 3 through 12 are in dollars (except lines 13b and 13e).

Line	Year	Month	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
			Actual Plant ADIT	Actual General ADIT	Actual Activity	Projected Activity from Column (4) of Attachment 1B	Activity Difference	Reversal of Projected Activity Not Realized	Projected Activity Not Realized With Proration	Reversal of Projected Activity Not Realized With Proration	Projected Activity With Proration from Column (7) of Attachment 1B	ADIT Activity for True-up	ADIT Balances for True-up
1	2017	Dec											
2	2018	Jan											
3	2018	Feb											
4	2018	Mar											
5	2018	Apr											
6	2018	May											
7	2018	Jun											
8	2018	Jul											
9	2018	Aug											
10	2018	Sep											
11	2018	Oct											
12	2018	Nov											
13	2018	Dec											
13a													
13b													
13c													
13d													
13e													
13f													
13g													
14													

Pre-change -- Average of Actual ADIT Balance from Col. 12, December 31, 2017 and December 31, 2018
 177 Days Divided by 365 Days
 Component of Average ADIT Balance Attributable to January 1 Through June 26 (13a X 13b)
 48.49%

Post-change -- ADIT Balance for True-up from Col. 12, December 31, 2018
 188 Days Divided by 365 Days
 Component of ADIT Balance Attributable to June 27 Through December 31 (13d X 13e)
 51.51%

Pre-change Component plus Post-change Component (13c + 13f)
 Amount to be Entered (in thousands) in Column F of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate the 2018 True-up ATRR:
 -

Explanations:

- Col. 3 Actual Account 282 month-end ADIT (excludes cost of removal).
- Col. 4 Monthly change in ADIT balance.
- Col. 6 Col. 4 minus col. 5
- Col. 7 The portion of the amount in col. 6 included in original projection but not realized.
- Col. 8 The portion of the amount in col. 6 not included in original projection.
- Col. 9 The amount in col. 7 multiplied by the ratio from col. 6 of Attachment 1B, Part 2, 3 or 4 (as appropriate).
- Col. 11 The sum of col. 8, col. 9, and col. 10.
- Col. 12, Line 1 Amount from col. 3, line 1.
- Col. 12, Lines 2-13 Col. 12 of previous month plus col. 11 of current month.
- Col. 12, Line 13d December 31, 2018 balance minus the sum of the activity in col. 8 times a factor of 50%.
- Col. 12, Line 14 Amount from col. 12, line 13g.

Attachment 1C - 2018 (Continued)
2018
 Sheet 3 of 4

Part 3: Account 282, Computer Software - Book Amortization

Columns 3 through 12 are in dollars (except lines 13b and 13e).
 The column and line explanations are as described for Part 2.

Line	Year	Month	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
			Actual Computer Software Book Amount ADIT	Actual Activity	Projected Activity from Column (4) of Attachment 1B	Activity Difference	Reversal of Projected Activity Not Realized	Activity Not in Projection	Reversal of Projected Activity Not Realized With Proration	Projected Activity With Proration from Column (7) of Attachment 1B	ADIT Activity for True-up	ADIT Balances for True-up		
1	2017	Dec												
2	2018	Jan												
3	2018	Feb												
4	2018	Mar												
5	2018	Apr												
6	2018	May												
7	2018	Jun												
8	2018	Jul												
9	2018	Aug												
10	2018	Sep												
11	2018	Oct												
12	2018	Nov												
13	2018	Dec												
13a														
13b														
13c														
13d														
13e														
13f														
13g														
14														

Pre-change -- Average of Actual ADIT Balance from Col. 12, December 31, 2017 and December 31, 2018
 177 Days Divided by 365 Days
 Component of Average ADIT Balance Attributable to January 1 Through June 26 (13a X 13b) 48.49%

Post-change -- ADIT Balance for True-up from Col. 12, December 31, 2018
 188 Days Divided by 365 Days
 Component of ADIT Balance Attributable to June 27 Through December 31 (13d X 13e) 51.51%

Pre-change Component plus Post-change Component (13c + 13f)

Amount to be Entered (in thousands) in Column F of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate the 2018 True-up ATTR:

Attachment 1C - 2018 (Continued)
2018
 Sheet 4 of 4

Part 4: Account 282, Computer Software - Tax Amortization

Columns 3 through 12 are in dollars (except lines 13b and 13e).
 The column and line explanations are as described for Part 2.

Line	Year	Month	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
			Actual Computer Software Tax Amount ADIT	Actual Activity	Projected Activity from Column (4) of Attachment 1B	Activity Difference	Reversal of Projected Activity Not Realized	Activity Not in Projection	Reversal of Projected Activity Not Realized With Proration	Projected Activity With Proration from Column (7) of Attachment 1B	ADIT Activity for True-up	ADIT Balances for True-up	
1	2017	Dec											
2	2018	Jan											
3	2018	Feb											
4	2018	Mar											
5	2018	Apr											
6	2018	May											
7	2018	Jun											
8	2018	Jul											
9	2018	Aug											
10	2018	Sep											
11	2018	Oct											
12	2018	Nov											
13	2018	Dec											
13a													
13b													
13c													48.49%
13d													
13e													51.51%
13f													
13g													

Pre-change -- Average of Actual ADIT Balance from Col. 12, December 31, 2017 and December 31, 2018
 177 Days Divided by 365 Days

Component of Average ADIT Balance Attributable to January 1 Through June 26 (13a X 13b)

Post-change -- ADIT Balance for True-up from Col. 12, December 31, 2018
 188 Days Divided by 365 Days

Component of ADIT Balance Attributable to June 27 Through December 31 (13d X 13e)

Pre-change Component plus Post-change Component (13c + 13f)

14 Amount to be Entered (in thousands) in Column F of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate the 2018 True-up ATTR:

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 1C
True-up of Accumulated Deferred Federal Income Taxes Associated with Pro-rata Liberalized Depreciation

Applicable to the True-ups of 2019 and Later

If the formula rate population is for determining a projected ATRR, do not populate this Attachment 1C. If the formula rate population is for determining a true-up ATRR for use on Line A of Attachment 6, enter the year for which the true-up is being calculated on line 1 and populate the remainder of this Attachment 1C with the actual data associated with that year. Use the amounts from line 17 of Part 1, and line 14 of Parts 2, 3, and 4, in populating Attachment 1 and Attachment 1A as instructed in this Attachment 1C.

Sheet 1 of 3

Line 1 True-up Year: (If Populated, Must Match Attachment 1B, Part 1, Line 1)
Line 2 Number of Days in Year: 365 (From Attachment 1B, Part 1, Line 2)

Part 1: Account 282, Transmission Plant In Service

Columns 3 through 12 are in dollars (except line 16).

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
			Actual Transmission Plant In Service ADIT	Actual Activity	Projected Activity from Column (4) of Attachment 1B	Activity Difference	Reversal of Projected Activity Not Realized	Activity Not in Projection	Reversal of Projected Activity Not Realized With Proration	Projected Activity With Proration from Column (7) of Attachment 1B	ADIT Activity for True-up	ADIT Balances for True-up
Line	Year	Month										
3	-	Dec	 									-
4	-	Jan	 	-	 	-	-	-	-	 	-	-
5	-	Feb	 	-	 	-	-	-	-	 	-	-
6	-	Mar	 	-	 	-	-	-	-	 	-	-
7	-	Apr	 	-	 	-	-	-	-	 	-	-
8	-	May	 	-	 	-	-	-	-	 	-	-
9	-	Jun	 	-	 	-	-	-	-	 	-	-
10	-	Jul	 	-	 	-	-	-	-	 	-	-
11	-	Aug	 	-	 	-	-	-	-	 	-	-
12	-	Sep	 	-	 	-	-	-	-	 	-	-
13	-	Oct	 	-	 	-	-	-	-	 	-	-
14	-	Nov	 	-	 	-	-	-	-	 	-	-
15	-	Dec	 	-	 	-	-	-	-	 	-	-
16	Total Transmission Plant In Service Net of GSU and GI Plant as a Percentage of Total Transmission Plant In Service:											
17	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate a True-up ATRR:											-

Explanations:

- Col. 3 Actual Account 282 month-end ADIT (excludes cost of removal).
- Col. 4 Monthly change in ADIT balance.
- Col. 6 Col. 4 minus col. 5
- Col. 7 The portion of the amount in col. 6 included in original projection but not realized.
- Col. 8 The portion of the amount in col. 6 not included in original projection.
- Col. 9 The amount in col. 7 multiplied by the ratio from col. 6 of Attachment 1B, Part 1.
- Col. 11 The sum of col. 8 times a factor of 50%, col. 9, and col. 10.
- Col. 12, Line 3 Amount from col. 3, line 3.
- Col. 12, Lines 4-15 Col. 12 of previous month plus col. 11 of current month.
- Col. 12, Line 16 Appendix A, Line 24 ÷ Appendix A, Line 21 (from the true-up population of the formula)
- Col. 12, Line 17 Col. 12, Line 15 multiplied by line 16.

Attachment 1C (Continued)

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Sheet 2 of 3

Part 2: Account 282, General Plant

Columns 3 through 12 are in dollars.

Line	(1) Year	(2) Month	(3) Actual General Plant ADIT	(4) Actual Activity	(5) Projected Activity from Column (4) of Attachment 1B	(6) Activity Difference	(7) Reversal of Projected Activity Not Realized	(8) Activity Not in Projection	(9) Reversal of Projected Activity Not Realized With Proration	(10) Projected Activity With Proration from Column (7) of Attachment 1B	(11) ADIT Activity for True-up	(12) ADIT Balances for True-up
1	-	Dec										-
2	-	Jan		-		-	-	-	-		-	-
3	-	Feb		-		-	-	-	-		-	-
4	-	Mar		-		-	-	-	-		-	-
5	-	Apr		-		-	-	-	-		-	-
6	-	May		-		-	-	-	-		-	-
7	-	Jun		-		-	-	-	-		-	-
8	-	Jul		-		-	-	-	-		-	-
9	-	Aug		-		-	-	-	-		-	-
10	-	Sep		-		-	-	-	-		-	-
11	-	Oct		-		-	-	-	-		-	-
12	-	Nov		-		-	-	-	-		-	-
13	-	Dec		-		-	-	-	-		-	-

14 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate a True-up ATRR: -

Explanations:

- Col. 3 Actual Account 282 month-end ADIT (excludes cost of removal).
- Col. 4 Monthly change in ADIT balance.
- Col. 6 Col. 4 minus col. 5
- Col. 7 The portion of the amount in col. 6 included in original projection but not realized.
- Col. 8 The portion of the amount in col. 6 not included in original projection.
- Col. 9 The amount in col. 7 multiplied by the ratio from col. 6 of Attachment 1B, Part 2, 3 or 4 (as appropriate).
- Col. 11 The sum of col. 8 times a factor of 50%, col. 9, and col. 10.
- Col. 12, Line 1 Amount from col. 3, line 1.
- Col. 12, Lines 2-13 Col. 12 of previous month plus col. 11 of current month.
- Col. 12, Line 14 Amount from col. 12, line 13.

Attachment 1C (Continued)

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Sheet 3 of 3

Part 3: Account 282, Computer Software - Book Amortization

Columns 3 through 12 are in dollars.
The column and line explanations are as described for Part 2.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Line	Year	Month	Actual Computer Software Book Amount ADIT	Actual Activity	Projected Activity from Column (4) of Attachment 1B	Activity Difference	Reversal of Projected Activity Not Realized	Activity Not in Projection	Reversal of Projected Activity Not Realized With Proration	Projected Activity With Proration from Column (7) of Attachment 1B	ADIT Activity for True-up	ADIT Balances for True-up
1	-	Dec										-
2	-	Jan		-		-	-	-	-		-	-
3	-	Feb		-		-	-	-	-		-	-
4	-	Mar		-		-	-	-	-		-	-
5	-	Apr		-		-	-	-	-		-	-
6	-	May		-		-	-	-	-		-	-
7	-	Jun		-		-	-	-	-		-	-
8	-	Jul		-		-	-	-	-		-	-
9	-	Aug		-		-	-	-	-		-	-
10	-	Sep		-		-	-	-	-		-	-
11	-	Oct		-		-	-	-	-		-	-
12	-	Nov		-		-	-	-	-		-	-
13	-	Dec		-		-	-	-	-		-	-

14 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate a True-up ATRR: -

Part 4: Account 282, Computer Software - Tax Amortization

Columns 3 through 12 are in dollars.
The column and line explanations are as described for Part 2.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Line	Year	Month	Actual Computer Software Tax Amount ADIT	Actual Activity	Projected Activity from Column (4) of Attachment 1B	Activity Difference	Reversal of Projected Activity Not Realized	Activity Not in Projection	Reversal of Projected Activity Not Realized With Proration	Projected Activity With Proration from Column (7) of Attachment 1B	ADIT Activity for True-up	ADIT Balances for True-up
1	-	Dec										-
2	-	Jan		-		-	-	-	-		-	-
3	-	Feb		-		-	-	-	-		-	-
4	-	Mar		-		-	-	-	-		-	-
5	-	Apr		-		-	-	-	-		-	-
6	-	May		-		-	-	-	-		-	-
7	-	Jun		-		-	-	-	-		-	-
8	-	Jul		-		-	-	-	-		-	-
9	-	Aug		-		-	-	-	-		-	-
10	-	Sep		-		-	-	-	-		-	-
11	-	Oct		-		-	-	-	-		-	-
12	-	Nov		-		-	-	-	-		-	-
13	-	Dec		-		-	-	-	-		-	-

14 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate a True-up ATRR: -

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 2 - Taxes Other Than Income Worksheet
2022 (000's)

<i>Other Taxes</i>	<i>Page 263</i>		<i>Allocated</i>
	<i>Col (j)</i>	<i>Allocator</i>	<i>Amount</i>
Plant Related			
		Gross Plant Allocator	
1 Transmission Personal Property Tax (directly assigned to Transmission)	\$ 76,361	100.0000%	\$ 76,361
1a Other Plant Related Taxes	0	23.1413%	-
2			-
3			-
4			-
5			-
Total Plant Related	\$ 76,361		\$ 76,361
Labor Related			
		Wages & Salary Allocator	
6 Federal FICA & Unemployment & State Unemployment	\$ 51,107		
Total Labor Related	\$ 51,107	9.8419%	\$ 5,030
Other Included			
		Gross Plant Allocator	
7 Sales and Use Tax	\$ -		
Total Other Included	\$ -	23.1413%	\$ -
Total Included	\$ 127,469		\$ 81,391
Currently Excluded			
8 Business and Occupation Tax - West Virginia	\$ 18,079		
9 Gross Receipts Tax	0		
10 IFTA Fuel Tax	0		
11 Property Taxes - Other	216,194		
12 Property Taxes - Generator Step-Ups and Interconnects	2,817		
13 Sales and Use Tax - not allocated to Transmission	2,097		
14 Sales and Use Tax - Retail	0		
15 Other	11,835		
16	0		
17	0		
18	0		
19	0		
20	0		
21 Total "Other" Taxes (included on p. 263)	\$ 251,023		
22 Total "Taxes Other Than Income Taxes" - acct 408.10 (p. 114.14)	<u>\$ 378,492</u>		
23 Difference	\$ (127,469)		

Criteria for Allocation:

- A Other taxes that are incurred through ownership of plant including transmission plant will be either directly assigned or allocated based on the Gross Plant Allocator. If the taxes are 100% recovered at retail they will not be included.
- B Other taxes that are incurred through ownership of only general or intangible plant will be allocated based on the Wages and Salary Allocator. If the taxes are 100% recovered at retail they will not be included.
- C Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator.
- D Other taxes except as provided for in A, B and C above, that are incurred and (1) are not fully recovered at retail or (2) are directly or indirectly related to transmission service will be allocated based on the Gross Plant Allocator; provided, however, that overheads shall be treated as in footnote B above.

VEPCO
ATTACHMENT H-16A
Attachment 2A - Direct Assignment of Property
Taxes Per Function
2022 (000's)

<u>Directly Assigned Property Taxes</u>	\$	295,373
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Production Property Tax		101,712
Transmission Property Tax		76,288
GSU/Interconnect Facilities		2,817
Distribution Property tax		113,807
General Property Tax		748
Total check		295,373

Allocation of General Property Tax to Transmission

General Property Tax	\$	748
Wages & Salary Allocator		9.8419%
Trans General		74

<u>Total Transmission Property Taxes</u>		
Transmission	\$	76,288
General		74
Total Transmission Property Taxes	\$	76,361

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 3 - Revenue Credit Workpaper
2022 (000's)

		Transmission Related	Production/Other Related	Total
Account 454 - Rent from Electric Property				
1	Rent from Electric Property - Transmission Related (Note 3)	14,225		14,225
2	Total Rent Revenues (Sum Lines 1)	14,225	-	14,225
Account 456 - Other Electric Revenues (Note 1)				
3	Schedule 1A			
4	Net revenues associated with Network Integration Transmission Service (NITS) and for the transmission component of the NCEMPA contract rate for which the load is not included in the divisor. (Note 4)	1,816		1,816
5	Point to Point Service revenues received by Transmission Owner for which the load is not included in the divisor (Note 4)	-		-
6	PJM Transitional Revenue Neutrality (Note 1)	-		-
7	PJM Transitional Market Expansion (Note 1)	-		-
8	Professional Services (Note 3)	3,151		3,151
9	Revenues from Directly Assigned Transmission Facility Charges (Note 2)	20,200		20,200
10	Rent or Attachment Fees associated with Transmission Facilities (Note 3)			-
11	Gross Revenue Credits (Accounts 454 and 456) (Sum Lines 2-10)	39,392	-	39,392
12	Less line 14g	(10,601)	-	(10,601)
13	Total Revenue Credits	28,791	-	28,791
Revenue Adjustment to Determine Revenue Credit				
14a	Revenues included in lines 1-11 which are subject to 50/50 sharing. (Lines 1 + 8 + 10)	17,376	-	17,376
14b	Costs associated with revenues in line 14a	3,827		3,827
14c	Net Revenues (14a - 14b)	13,549	-	13,549
14d	50% Share of Net Revenues (14c / 2)	6,774	-	6,774
14e	Cost associated with revenues in line 14b that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service at issue	-	-	-
14f	Net Revenue Credit (14d + 14e)	6,774	-	6,774
14g	Line 14f less line 14a	(10,601)	-	(10,601)

Revenue Adjustment to Determine Revenue Credit

Note 1: All revenues related to transmission that are received as a transmission owner (*i.e.*, not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this Attachment or elsewhere in the formula will be included as a revenue credit or included in the peak on line 169 of Appendix A.

Note 2: If the costs associated with the Directly Assigned Transmission Facility Charges are included in the Rates, the associated revenues are included in the Rates. If the costs associated with the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated revenues are not included in the Rates. Notwithstanding the above, the revenue crediting of the UG Transmission Charge revenues shall be in accordance with section 6 of Attachment 10. Notwithstanding the above, the revenue crediting of the Previous Jointly-Owned Assets shall be in accordance with section 6 of Attachment 11.

Note 3: Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of-way leases and leases for space on transmission facilities for telecommunications; (2) transmission tower licenses for wireless antennas; (3) right-of-way property leases for farming, grazing or nurseries; (4) licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5) transmission maintenance and consulting services (including energized circuit maintenance, high-voltage substation maintenance, safety training, transformer oil testing, and circuit breaker testing) to other utilities and large customers (collectively, products). VEPCO will retain 50% of net revenues consistent with *Pacific Gas and Electric Company*, 90 FERC ¶ 61,314. In order to use lines 14a - 14g, the utility must track in separate subaccounts the revenues and costs associated with each secondary use (except for the cost of the associated income taxes).

Note 4: Revenues from Schedule 12 are not included in the total above to the extent they are credited under Schedule 12. In addition, revenues from Schedule 7, Schedule 8 and H-A are not included in the total above to the extent PJM credits VEPCO's share of these revenues monthly to network customers under Attachment H-16.

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 4 - Calculation of 100 Basis Point Increase in ROE
2022 (000's)

A	Return and Taxes with Basis Point increase in ROE	Basis Point increase in ROE and Income Taxes	(Line 130 + 140)	824,693
B		100 Basis Point increase in ROE (Note J from Appendix A)	Fixed	1.00%
Return Calculation				
62	Rate Base excluding Acquisition Adjustments Amount and Associated ADIT	Appendix A	(Line 44 + 61 - 60C - 45A)	7,745,080
104	Long Term Interest	Long Term Interest	p117.62c through 67c	543,232
105		Less LTD Interest on Securitization (Note P)	Attachment 8	0
106		Long Term Interest	(Line 104 - 105)	543,232
107	Preferred Dividends	enter positive	p118.29c	0
108	Common Stock	Proprietary Capital	p112.16c,d/2	14,272,587
109		Less Preferred Stock	(Line 117)	0
110		Less Account 219 - Accumulated Other Comprehensive Income	p112.15c,d/2	40,812
111		Common Stock	(Sum Lines 108 to 110)	14,313,399
112	Capitalization	Long Term Debt	p112.24c,d/2	13,071,933
113		Less Loss on Reacquired Debt	enter negative	-389
114		Plus Gain on Reacquired Debt	enter positive	3,007
115		Less LTD on Securitization Bonds	enter negative	Attachment 8
116		Total Long Term Debt	(Sum Lines 112 to 115)	13,074,551
117		Preferred Stock	p112.3c,d/2	0
118		Common Stock	(Line 111)	14,313,399
119		Total Capitalization	(Sum Lines 116 to 118)	27,387,950
120		Debt %	Total Long Term Debt	(Line 116 / 119)
121		Preferred %	Preferred Stock	(Line 117 / 119)
122		Common %	Common Stock	(Line 118 / 119)
123		Debt Cost	Total Long Term Debt	(Line 106 / 116)
124		Preferred Cost	Preferred Stock	(Line 107 / 117)
125		Common Cost	Common Stock	Appendix A Line 125 + 100 Basis Points
126		Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 120 * 123)
127		Weighted Cost of Preferred	Preferred Stock	(Line 121 * 124)
128		Weighted Cost of Common	Common Stock	(Line 122 * 125)
129	Total Return (R)		(Sum Lines 126 to 128)	0.0846
130	Investment Return = Rate Base * Rate of Return		(Line 62 * 129)	655,537
Composite Income Taxes				
131	Income Tax Rates	FIT=Federal Income Tax Rate		0.2100
132		SIT=State Income Tax Rate or Composite		0.0574
133		p = percent of federal income tax deductible for state purposes	Per State Tax Code	0.0000
134		T	$T = 1 - ((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p)$	0.2553
135		T/(1-T)		0.3429
136	Transmission Related Income Tax Adjustments			
136A	Amortized Investment Tax Credit (ITC)	(Note I) enter negative	Attachment 1	\$ (128)
137	Other Income Tax Adjustments		Attachment 5	\$ (2,066)
137	T/(1-T)		(Line 135)	34.29%
138	Transmission Income Taxes - Income Tax Adjustments		((Line 136 + 136A) * (1 + Line 137))	\$ (2,947)
139	Transmission Income Taxes - Equity Return =	CIT=(T/(1-T) * Investment Return * (1-(WCLTD/R)) =	[Line 135 * 130 * (1-(126 / 129))]	172,103
140	Total Transmission Income Taxes		(Line 138 + 139)	169,156

Virginia Electric and Power Company
ATTCU Cost of 11-10A
Allocation and Support
2022 (000's)

Line #	Description	Notes	Page # & Instructions	Current Year												Form 1 Use	Averages	Non-electric Portion	Details
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
8	Electric Plant in Service	(Notes A & C)	p207 (Mg) Plant Acc. Depr. Wkst	49,203,313	48,287,197	49,203,089	49,222,178	50,911,148	50,373,522	50,870,390	51,009,704	51,310,115	51,448,099	51,657,197	51,926,574	52,207,955	50,063,981	0	
12	Accumulated Intangible Assets - Electric	(Notes A & C)	p202 (C)	181,059	181,573	182,086	182,600	183,114	183,627	184,141	184,655	185,169	185,682	186,196	186,710	187,224	184,141	0	Respondent is Electric Utility only.
13	Accumulated Depreciation - Electric	(Notes A & C)	p356	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
14	Accumulated Common Plant Depreciation - Electric	(Notes A & C)	p356	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
21	Plant	(Notes A & C)	p207 (S&G) Trans Input SH	11,772,155	11,795,116	11,850,179	12,018,830	12,029,537	12,065,848	12,100,886	12,210,174	12,332,029	12,357,830	12,433,471	12,488,935	12,608,101	12,192,230	0	
15	Generator Step-Up	(Notes A & C)	Trans Input SH	419,329	419,329	419,329	419,329	419,329	419,329	419,329	419,329	419,329	419,329	419,329	419,329	419,329	419,329	0	
16	Generator Step-Up - Facilities	(Notes A & C)	Trans Input SH	37,274	37,274	37,274	37,274	37,274	37,274	37,274	37,274	37,274	37,274	37,274	37,274	37,274	37,274	0	
25	Common Plant (Electric Only)	(Notes A & C)	p205 (S & G) 207 (S&G) GM Wkst	1,151,002	1,150,901	1,150,800	1,150,700	1,150,600	1,150,500	1,149,797	1,149,555	1,149,314	1,149,073	1,148,832	1,148,591	1,148,350	1,148,109	0	
26	Accumulated Depreciation - Depreciation	(Notes A & C)	p207 (S&G) Trans Input SH	2,274,275	2,298,385	2,318,937	2,340,945	2,363,541	2,386,177	2,408,892	2,431,993	2,455,235	2,478,527	2,501,865	2,525,421	2,549,331	2,440,093	0	
33	Transmission Accumulated Depreciation - Generator Step-Up	(Notes A & C)	GSU Input SH	142,679	143,744	144,811	145,879	146,946	148,014	149,081	150,148	151,216	152,283	153,351	154,419	155,485	149,081	0	
34	Transmission Accumulated Depreciation - Interconnect Facilities	(Notes A & C)	Input SH	37,274	37,274	37,274	37,274	37,274	37,274	37,274	37,274	37,274	37,274	37,274	37,274	37,274	37,274	0	
36	Accumulated General Depreciation	(Notes A & C)	p219 (2b)	351,332	356,225	355,178	354,101	353,024	351,947	350,870	349,793	348,716	347,639	346,561	345,484	344,407	350,870	0	Respondent is Electric Utility only.
50	Materials and Supplies	(Notes A & C)	p207 (S&G)	22,059	-	-	-	-	-	-	-	-	-	-	-	-	22,059	0	
53	Materials & Supplies Assigned to Transmission O&M (Estimated)	(Notes A)	M&S Input SH	1,349	-	-	-	-	-	-	-	-	-	-	-	-	1,349	0	
53	Transmission Materials & Supplies	(Notes A)	p207 (S&G)	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	
68	Allocated General & Common Expenses	(Notes A)	p356	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
68	Common Plant O&M	(Notes A)	p356	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
86	Depreciation Expense	(Notes A)	p356 (2b)c	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	
91	Depreciation-General	(Notes A)	p356 (2b)c	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	
92	Depreciation-Intangible	(Notes A)	p356 (2b)c	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	
87	Depreciation-Generator Step-Up	(Notes A)	p356 (2b)c	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	
88	Depreciation-Generator Step-Up - Facilities	(Notes A)	p356 (2b)c	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	
89	Common Depreciation - Electric O&M	(Notes A)	p356 (2b)c	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	
97	Common Amortization - Electric Only	(Notes A)	p356 or p358, 11d	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	

Line #	Description	Notes	Page # & Instructions	Current Year												Form 1 Use	Averages	Non-electric Portion	Details
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
63	Transmission O&M	(Notes A)	p211 (2d) Trans. Input SH	-	8,083	7,326	7,416	6,649	7,297	7,081	6,559	6,739	7,461	6,749	7,085	7,781	86,396	85,588	
64	Generator Step-Up	(Notes A)	Input Sheet	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	
65	Transmission O&M	(Notes A)	p211 (2b)	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	
				Totals												Totals			
				86,396												86,396			
				(52,529)												(52,529)			

Line #	Description	Notes	Page # & Instructions	Current Year												Form 1 Use	Averages	Non-electric Portion	Details
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
4	Wages & Salary	(Notes A)	p254 (2b) Trans. Wkst	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	0	
5	Total AXS Wages Expense	(Notes A)	p254 (2b) Trans. Wkst	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	0	
1	Transmission Wages	(Notes A)	p254 (2b) Trans. Wkst	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	0	
2	Generator Step-Up	(Notes A)	Trans. Wkst	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	
				Totals												Totals			
				64,745												64,745			
				84,777												84,777			
				54,445												54,445			
				3												3			

Line #	Description	Notes	Page # & Instructions	Current Year												Form 1 Use	Averages	Non-transmission Related	Details
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
30	Plant Held for Future Use (Including Lead)	(Notes C & D)	p214 (2 d)	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	13,930	7,400	
				Totals												Totals			
				13,930												13,930			
				13,930												13,930			
				6,821												6,821			

Line #	Description	Notes	Page # & Instructions	Current Year												Form 1 Amount	EPRD Dues	Details	
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
73	Allocated General & Common Expenses	(Notes D)	p253 (5) Attachment 5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,252
				Totals												Totals			
				5,252												5,252			

Specific identification based on interrecords. The following chart
 Transmission
 Non-transmission Related
 7,400
 6,821

Line #	Descriptions	Notes	Page # & Instructions	Form 1 Amount	Transmission Related	Nontransmission Related	Details
71	Allocated General & Common Expenses Less Regulatory Commission Exp Account 628 Directly Assigned AEG	(Note E)	p223 189/Attachment 5	\$ 35,299	216	36,083	See FERC Form 1, pages 390-391.
77	Regulatory Commission Exp Account 638	(Note G)	p223 189/Attachment 5	216			

Line #	Descriptions	Notes	Page # & Instructions	Form 1 Amount	Safety Related	Non-safety Related	Details
81	General Advertising Exp Account 9301	(Note F)	Attachment 5	2,660		2,660	

Line #	Descriptions	Notes	Page # & Instructions	Rate	Wa	NC	Wra	Enter Calculation
132	ST-Share Income Tax Rebur or Comps	(Note I)		5.62%	0.12%	0.02%		5.74%

Line #	Descriptions	Notes	Page # & Instructions	Form 1 Amount	Education & Training	Other	Details
78	General Advertising Exp Account 9301	(Note H)	p223 12/b	2,660			Informing public about transmission operations including service quality.

Line #	Descriptions	Notes	Page # & Instructions	Form 1 Amount	Allocation	Description of the Facilities	Details
79	Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities			0		None	

Line #	Descriptions	Notes	Page # & Instructions	Beginning Year Balance	End of Year Balance	Average Balance	Allocation Method	Allocation	Transmission Related Amount	Details
47	Transmission-Related Assets/Unfunded Reserves	(Note A & R)		\$ 5,715	\$ 6,012	\$ 5,864	Wages & Salaries	9.8419%	\$ 576	
	Miscellaneous Deferred Debits-Workforce Compensation Reserve (182.3)			\$ 286,502	\$ 363,383	\$ 320,243	Wages & Salaries	9.8419%	\$ 3,158	
	Miscellaneous Deferred Debits-Other Post Retirement Benefits (186)			\$ -	\$ -	\$ -	Wages & Salaries	23.1415%	\$ -	
	Miscellaneous Deferred Debits-Pension Asset (105)			\$ -	\$ -	\$ -	Wages & Salaries	9.8419%	\$ -	
	Accumulated Provision for Injuries and Damages Account (228.1)			\$ (195)	\$ (195)	\$ (195)	Wages & Salaries	9.8419%	\$ (19)	
	Accumulated Provision for Pensions and Benefits Account (228.2)			\$ (42,720)	\$ (43,261)	\$ (42,992)	Wages & Salaries	9.8419%	\$ (4,221)	
	Other Deferred Credits-Pension Obligations (228.3)			\$ (781,854)	\$ (435,833)	\$ (608,844)	Wages & Salaries	9.8419%	\$ (6,922)	
	Other Regulatory Liabilities (251)			\$ -	\$ -	\$ -	Wages & Salaries	9.8419%	\$ -	
	Total Transmission-Related Assets/Unfunded Reserves			\$ -	\$ (171,785)	\$ (171,785)			\$ (171,785)	To line 47

Line #	Descriptions	Notes	Page # & Instructions	Beginning Year Balance	End of Year Balance	Average Balance Before Exclusion Account 1	Fixed Payments Exclusion Amount	Final Payments Exclusion Amount	Average Balance	Allocation	Description of the Facilities	Details
48	Payments Wages & Salary Allocator Pension Liabilities (If any, in Account 242)			\$ 11	\$ 11	\$ 11	\$ -	\$ -	\$ 11	9.842%		
	Payments Account 105 Pension (If included in Payments)		p11 157/6c	\$ 27,418	\$ 33,147	\$ 30,283	\$ 3,860	\$ 26,323	\$ 26,323	9.842%		
	Total			\$ 27,429	\$ 33,158	\$ 30,294	\$ 3,860	\$ 26,323	\$ 26,334	9.842%		

Line #	Descriptions	Notes	Page # & Instructions	Beginning Year Balance	End of Year Balance	Average Balance	Allocation	Description of the Credits	Details
58	Outstanding Network Credits	(Note N)	From PDM	\$ -	\$ -	\$ -		General Description of the Credits	None
59	Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credits	(Note N)	From PDM	\$ -	\$ -	\$ -			Add more lines if necessary

Line #	Descriptions	Notes	Page # & Instructions	Beginning Year Balance	End of Year Balance	Average Balance	Allocation	Description of the Credits	Details
57	Outstanding Network Credits	(Note N)	From PDM	\$ -	\$ -	\$ -		General Description of the Credits	None
59	Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credits	(Note N)	From PDM	\$ -	\$ -	\$ -			Add more lines if necessary

Line #	Description	Notes	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
89	Extraordinary Property Loss								
Line #	Description	Notes	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
90	Interest on Outstanding Network Credits Cost Support			0	0				
Line #	Description	Notes	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
91	Facility Credits under Section 39 of the P.M. DATT.								
Line #	Description	Notes	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
105	Revenue Requirement			3,212					
Line #	Description	Notes	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
106	Facility Credits under Section 39B of the P.M. DATT.								

Line #	Description	Notes	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
92	Interest on Long-Term Debt								
Line #	Description	Notes <td>Page # & Instructions</td> <td>Amount</td> <td># of Years <td>Amortization</td> <td>W/ Interest</td> <td>Number of Years <td>Amortization</td> </td></td>	Page # & Instructions	Amount	# of Years <td>Amortization</td> <td>W/ Interest</td> <td>Number of Years <td>Amortization</td> </td>	Amortization	W/ Interest	Number of Years <td>Amortization</td>	Amortization
93	Interest on Long-Term Debt								
Line #	Description	Notes <td>Page # & Instructions</td> <td>Amount</td> <td># of Years <td>Amortization</td> <td>W/ Interest</td> <td>Number of Years <td>Amortization</td> </td></td>	Page # & Instructions	Amount	# of Years <td>Amortization</td> <td>W/ Interest</td> <td>Number of Years <td>Amortization</td> </td>	Amortization	W/ Interest	Number of Years <td>Amortization</td>	Amortization
94	Less: Interest on Short-Term Debt Included in Account 430								
Line #	Description	Notes <td>Page # & Instructions</td> <td>Amount</td> <td># of Years <td>Amortization</td> <td>W/ Interest</td> <td>Number of Years <td>Amortization</td> </td></td>	Page # & Instructions	Amount	# of Years <td>Amortization</td> <td>W/ Interest</td> <td>Number of Years <td>Amortization</td> </td>	Amortization	W/ Interest	Number of Years <td>Amortization</td>	Amortization
95	Total Interest on Long-Term Debt			543,232					

Line #	Description	Notes	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
96	Total AAG Expenses			343,302					
Line #	Description	Notes <td>Page # & Instructions</td> <td>Amount</td> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
97	Plus: Share of PBI			(62,200)					
Line #	Description	Notes <td>Page # & Instructions</td> <td>Amount</td> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
98	Current Year Total AAG Expenses			341,085					

Line #	Description	Notes	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
99	Interest on Long-Term Debt								
Line #	Description	Notes <td>Page # & Instructions</td> <td>Amount</td> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
100	Less: Interest on Short-Term Debt Included in Account 430								
Line #	Description	Notes <td>Page # & Instructions</td> <td>Amount</td> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
101	Total Interest on Long-Term Debt			543,232					

Line #	Description	Notes	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
102	Transmission Depreciation Expense								
Line #	Description	Notes <td>Page # & Instructions</td> <th>Amount</th> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
103	Transmission Depreciation Expense			22,056					
Line #	Description	Notes <td>Page # & Instructions</td> <th>Amount</th> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
104	Unamortized Excluded Deferral to Line 47A			22,056					

Line #	Description	Notes	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
105	Transmission Depreciation Expense								
Line #	Description	Notes <td>Page # & Instructions</td> <th>Amount</th> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
106	Transmission Depreciation Expense			22,056					
Line #	Description	Notes <td>Page # & Instructions</td> <th>Amount</th> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
107	Unamortized Excluded Deferral to Line 47A			22,056					

Line #	Description	Notes	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
108	Transmission Depreciation Expense								
Line #	Description	Notes <td>Page # & Instructions</td> <th>Amount</th> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
109	Transmission Depreciation Expense			22,056					
Line #	Description	Notes <td>Page # & Instructions</td> <th>Amount</th> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
110	Unamortized Excluded Deferral to Line 47A			22,056					

Line #	Description	Notes	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
111	Transmission Depreciation Expense								
Line #	Description	Notes <td>Page # & Instructions</td> <th>Amount</th> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
112	Transmission Depreciation Expense			22,056					
Line #	Description	Notes <td>Page # & Instructions</td> <th>Amount</th> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
113	Unamortized Excluded Deferral to Line 47A			22,056					

Line #	Description	Notes	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
114	Transmission Depreciation Expense								
Line #	Description	Notes <td>Page # & Instructions</td> <th>Amount</th> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
115	Transmission Depreciation Expense			22,056					
Line #	Description	Notes <td>Page # & Instructions</td> <th>Amount</th> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
116	Unamortized Excluded Deferral to Line 47A			22,056					

Line #	Description	Notes	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
117	Transmission Depreciation Expense								
Line #	Description	Notes <td>Page # & Instructions</td> <th>Amount</th> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
118	Transmission Depreciation Expense			22,056					
Line #	Description	Notes <td>Page # & Instructions</td> <th>Amount</th> <th># of Years</th> <th>Amortization</th> <th>W/ Interest</th> <th>Number of Years</th> <th>Amortization</th>	Page # & Instructions	Amount	# of Years	Amortization	W/ Interest	Number of Years	Amortization
119	Unamortized Excluded Deferral to Line 47A			22,056					

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 6 - True-up Adjustment for Network Integration Transmission Service

The True-Up Adjustment component of the Formula Rate for each Rate Year beginning with 2010 shall be determined as follows:¹

- (i) Beginning with 2009, no later than June 15 of each year VEPCO shall recalculate an adjusted Annual Transmission Revenue Requirement for the previous calendar year based on its actual costs as reflected in its Form No. 1 and its books and records for that calendar year, consistent with FERC accounting policies.²
- (ii) VEPCO shall determine the difference between the recalculated Annual Transmission Revenue Requirement as determined in paragraph (i) above, and ATRR based on projected costs for the previous calendar year (True-Up Adjustment Before Interest).
- (iii) The True-Up Adjustment shall be determined as follows:

True-Up Adjustment equals the True-Up Adjustment Before Interest multiplied by $(1+i)^{24}$ months

Where: i = Sum of (the monthly rates for the 7 months ending July 31 of the current year and the monthly rates for the 12 months ending December 31 of the preceding year) divided by 19 months.

Each monthly rate used to calculate i shall be calculated pursuant to the Commission's regulations at 18 C.F.R. § 35.19a.

Summary of Formula Rate Process including True-Up Adjustment

Month	Year	Action
Fall	2007	TO populates the formula with Year 2008 estimated data
Sept	2008	TO populates the formula with Year 2009 estimated data
June	2009	TO populates the formula with Year 2008 actual data and calculates the 2008 True-Up Adjustment Before Interest
Sept	2009	TO calculates the Interest to include in the 2008 True-Up Adjustment
Sept	2009	TO populates the formula with Year 2010 estimated data and 2008 True-Up Adjustment
June	2010	TO populates the formula with Year 2009 actual data and calculates the 2009 True-Up Adjustment Before Interest
Sept	2010	TO calculates the Interest to include in the 2009 True-Up Adjustment
Sept	2010	TO populates the formula with Year 2011 estimated data and 2009 True-Up Adjustment
June	(Year)	TO populates the formula with (Year -1) actual data and calculates the (Year-1) True-Up Adjustment Before Interest
Sept	(Year)	TO calculates the Interest to include in the (Year-1) True-Up Adjustment
Sept	(Year)	TO populates the formula with (Year +1) estimated data and (Year-1) True-Up Adjustment

¹ No True-Up Adjustment will be included in the Annual Transmission Revenue Requirement for 2008 or 2009 since the Formula Rate was not in effect for 2006 or 2007.

² To the extent possible each input to the Formula Rate used to calculate the actual Annual Transmission Revenue Requirement included in the True-Up Adjustment either will be taken directly from the FERC Form No. 1 or will be reconcilable to the FERC Form No. 1 by the application of clearly identified and supported information. If the reconciliation is provided through a worksheet included in the filed Formula Rate template, the inputs to the worksheet must meet this transparency standard, and doing so will satisfy this transparency requirement for the amounts that are output from the worksheet and input to the main body of the Formula Rate.

Calendar Year Do for Each Calendar Year beginning in 2009

A	ATRR based on actual costs included for the previous calendar year but excludes the true-up adjustment.	1,084,815.18
B	ATRR based on projected costs included for the previous calendar year but excludes the true-up adjustment.	1,081,898.39
C	Difference (A-B)	2,917
D	Future Value Factor $(1+i)^{24}$	1.07874
E	True-up Adjustment $(C*D)$	3,146

Where:

i = interest rate as described in (iii) above.

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 6A - True-up Adjustment for Annual Revenue Requirements recovered under Schedule 12

The True-Up Adjustment component of the annual revenue requirement for each project included in Attachment 7 for each Rate Year beginning with 2010 shall be determined as follows:¹

- (i) Beginning with 2009, no later than June 15 of each year VEPCO shall recalculate an adjusted Annual Revenue Requirement for the previous calendar year based on its actual costs as reflected in its Form No. 1 and its books and records for that calendar year, consistent with FERC accounting policies.²
- (ii) VEPCO shall determine the difference between the recalculated Annual Revenue Requirement and the Annual Revenue Requirement based on its projections (True-Up Adjustment Before Interest).
- (iii) The True-Up Adjustment for each project shall be determined as follows:

True-Up Adjustment equals the True-Up Adjustment Before Interest multiplied by $(1+i)^{24}$ months

Where $i =$ Sum of (the monthly rates for the 7 months ending July 31 of the current year and the monthly rates for the 12 months ending December 31 of the proceeding year) divided by 19 months.

Each monthly rate used to calculate i shall be calculated pursuant to the Commission's regulations at 18 C.F.R. § 35.19a.

Summary of Formula Rate Process including True-Up Adjustment

Month Year Action

Fall	2007	TO populates the formula with Year 2008 estimated data
Sept	2008	TO populates the formula with Year 2009 estimated data
June	2009	TO populates the formula with Year 2008 actual data and calculates the 2008 True-Up Adjustment Before Interest
Sept	2009	TO calculates the Interest to include in the 2008 True-Up Adjustment
Sept	2009	TO populates the formula with Year 2010 estimated data and 2008 True-Up Adjustment
June	2010	TO populates the formula with Year 2009 actual data and calculates the 2009 True-Up Adjustment Before Interest
Sept	2010	TO calculates the Interest to include in the 2009 True-Up Adjustment
Sept	2010	TO populates the formula with Year 2011 estimated data and 2009 True-Up Adjustment
June (Year)		TO populates the formula with (Year -1) actual data and calculates the (Year-1) True-Up Adjustment Before Interest
Sept (Year)		TO calculates the Interest to include in the (Year-1) True-Up Adjustment
Sept (Year)		TO populates the formula with (Year +1) estimated data and (Year-1) True-Up Adjustment

¹ No True-Up Adjustment will be included in the annual revenue requirements for 2008 or 2009 since the Formula Rate was not in effect for 2006 or 2007. For all true-up calculations, the ATRR will be adjusted to exclude any true-up adjustment.

² To the extent possible, each input to the Formula Rate used to calculate the actual Annual Revenue Requirement included in the True-Up Adjustment either will be taken directly from the FERC Form No. 1 or will be reconcilable to the FERC Form No. 1 by the application of clearly identified and supported information. If the reconciliation is provided through a worksheet included in the filed Formula Rate template, the inputs to the worksheet must meet this transparency standard, and doing so will satisfy this transparency requirement for the amounts that are output from the worksheet and input to the main body of the Formula Rate.

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
(dollars)

Per FERC order in Docket No. ER08-92, the ROE is 11.4%, which includes a 50 basis point RTO membership adder as authorized by FERC to become effective January 1, 2008. Per FERC order in Docket No. _____, the ROE for each specific project identified in that order will also include either an 150 or 125 basis point transmission incentive adder as authorized by the Commission.

An Annual Revenue Requirement will not be determined in this Attachment 7 for RTEP projects that have not been identified as qualifying for an incentive and for which 100% of the cost is allocated to the Dominion zone. To the extent the cost allocation of such RTEP projects changes to be other than 100% allocated to the Dominion zone, the Annual Revenue Requirements will be determined in this Attachment 7 for such RTEP projects.

1 New Plant Carrying Charge

2 Fixed Charge Rate (FCR) if not a CIAC

3	A	154	Net Plant Carrying Charge without Acquisition Adjustments and Depreciation	10.5608%
4	B	161	Net Plant Carrying Charge with 100 Basis Point increase in ROE without Acquisition Adjustments and Depreciation	11.1406%
5	C		Line B less Line A	0.5797%

6 FCR if a CIAC

7	D	155	Net Plant Carrying Charge without Acquisition Adjustments, Depreciation, Return or Income Taxes	2.3452%
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8 The FCR resulting from Formula is for the rate period only.

9 Therefore actual revenues collected or the lack of revenues collected in other years are not applicable. Depreciation will be calculated for each project using the applicable Life input in effect during the months of each calendar year the project was in service.

These Three Columns are Repeated to Provide Line Number References on All Pages

		Project A				Project A-1			
10	11	Yes	40	b0217	Yes	40	b0217		
11 Schedule 12 (Yes or No)	12 Life	13 FCR W/O incentive Line 3	14 Incentive Factor (Basis Points /100)	15 FCR W incentive L.13 +(L.14*L.5)	16 Investment	17 Annual Depreciation Exp	18 In Service Month (1-12)		
10	11	10.5608%	0	Upgrade Mt.Storm - Doubs 500 kV	10.5608%	911,807	22,795	Replace Capacitors	
13	14	10.5608%	1,039,321		10.5608%	911,807	22,795		
15	16	10.5608%	25,983		10.5608%	911,807	22,795		
17	18	10.5608%	12		10.5608%	911,807	22,795		
19	20	21	22	23	24	25	26	27	28
Invest Yr	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
2006	2006	2006	2006	2006	2006	2006	2006	2006	
2007	1,039,321	849	1,038,472						
2008	1,039,321	849	1,038,472						
2009	1,038,472	20,379	1,018,093						
2010	1,018,093	20,379	997,714						
2011	1,018,093	20,379	997,335						
2012	997,714	20,379	977,335						
2013	997,714	20,379	977,335						
2014	977,335	20,379	956,957						
2015	977,335	20,379	956,957						
2016	956,957	20,379	936,578						
2017	956,957	20,379	936,578						
2018	936,578	23,222	913,355						
2019	936,578	23,222	913,355						
2020	913,355	24,170	889,185		911,807	9,719	902,088		
2021	913,355	24,170	889,185		911,807	9,719	902,088		
2022	889,185	24,170	865,015		902,088	21,205	880,883		
2023	889,185	24,170	865,015		902,088	21,205	880,883		
2024	865,015	24,170	840,844		880,883	21,205	859,678		
2025	865,015	24,170	840,844		880,883	21,205	859,678		
2026	840,844	25,983	814,861		859,678	22,795	836,883		
2027	840,844	25,983	814,861		859,678	22,795	836,883		
2028	814,861	25,983	788,878		836,883	22,795	814,088		
2029	814,861	25,983	788,878		836,883	22,795	814,088		
2030	788,878	25,983	762,895		814,088	22,795	791,293		
2031	788,878	25,983	762,895		814,088	22,795	791,293		
2032	762,895	25,983	736,912		791,293	22,795	768,498		
2033	762,895	25,983	736,912		791,293	22,795	768,498		
2034	736,912	25,983	710,929		768,498	22,795	745,703		
2035	736,912	25,983	710,929		768,498	22,795	745,703		
2036	710,929	25,983	684,946	99,691	745,703	22,795	722,907	100,344	
2037	710,929	25,983	684,946	99,691	745,703	22,795	722,907	100,344	

Lines continue as new rate years are added.

In the formulas used in the Columns for lines 19+ are as follows:

"In Service Month" is the first month during the first year that the project is placed in service or recovery is request for the project.

"Beginning" is the investment on line 16 for the first year and is the "Ending" for the prior year after the first year.

"Depreciation" is the annual depreciation in line 17 divided by twelve times the difference of 12.5 minus line 18 in the first year and line 17 thereafter.

"Ending" is "Beginning" less "Depreciation"

Revenue Requirement used for crediting is ("Beginning" plus "Ending") divided by two times line 13 times the quotient of 12.5 minus line 18 divided by 12 plus "Depreciation" for the first year and ("Beginning" plus "Ending") divided by two times line 13 plus "Depreciation" thereafter.

Revenue Requirement used for charging is ("Beginning" plus "Ending") divided by two times line 15 times the quotient of 12.5 minus line 18 divided by 12 plus "Depreciation" for the first year and ("Beginning" plus "Ending") divided by two times line 15 plus "Depreciation" thereafter.

Formula Logic to be copied on new lines added each year after line 25. Using 2009 as an example, the logic will be included in lines 26 and 27.

Beginning with the annual revenue requirements determined in 2009 for 2010, the annual revenue requirements based on projected costs will include a True-Up Adjustment for the previous calendar year in accordance with Attachment 6 A and as calculated in Lines A through I below.

Projected Revenue Requirements are calculated using the logic described for lines 19 + but with projected data for the indicated year.

Actual Revenue Requirements are calculated using the logic described for lines 19 + but with actual data for the indicated year.

Calendar Year Do for Each Calendar Year beginning in 2009 for True-Up Adjustments applicable to 2010 annual revenue requirements.

A Proj Rev Req w/o Incentive PCY*	Projected Revenue Requirement without Incentive for Previous Calendar Year*	93,840	93,227
B Proj Rev Req w/ Incentive PCY*	Projected Revenue Requirement with Incentive for Previous Calendar Year*	93,840	93,227
C Actual Rev Req w/o Incentive PCY*	Actual Revenue Requirement without Incentive for Previous Calendar Year *	102,557	102,431
D Actual Rev Req w/ Incentive PCY*	Actual Revenue Requirement with Incentive for Previous Calendar Year *	102,557	102,431
E TUA w/o Int w/ Incentive PCY (C-A)	True-Up Adjustment Before Interest without Incentive for Previous Calendar Year (C-A)	8,717	9,204
F TUA w/o Int w/ Incentive PCY (B-D)	True-Up Adjustment Before Interest with Incentive for Previous Calendar Year (B-D)	8,717	9,204
G Future Value Factor (1+) ⁿ /24 mo (ATT6)	Future Value Factor (1+) ⁿ /24 months from Attachment 6	1.07874	1.07874
H True-Up Adjustment w/o Incentive (E*G)	True-Up Adjustment without Incentive (E*G)	9,403	9,929
I True-Up Adjustment w/ Incentive (F*G)	True-Up Adjustment with Incentive (F*G)	9,403	9,929

TUA = True-Up Adjustment
PCY = Previous Calendar Year

* These amounts do not include any True-Up Adjustments.

Additional columns to be inserted after the last project as new projects are added to formula.

Projected Revenue Requirement including True-up Adjustment, if applicable			
W / O incentive	109,094		110,273
W incentive	109,094		110,273

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project B				Project B-1				Project E			
Line Number	(Yes or No)	Yes	b0222	40	Yes	b0222	40	Yes	B0226	40	Yes	B0226	40
10		10.5608%	0	1,070,848	10.5608%	0	1,070,848	10.5608%	0	10.5608%	0	7,557,110	188,928
11	Schedule 12	0	0	0	0	0	0	0	0	0	0	0	0
12	Life	10.5608%	0	1,070,848	10.5608%	0	1,070,848	10.5608%	0	10.5608%	0	7,557,110	188,928
13	FOR W/O incentive	0	0	0	0	0	0	0	0	0	0	0	0
14	Incentive Factor (Basis Points /100)	0	0	0	0	0	0	0	0	0	0	0	0
15	FOR W incentive L.13 +(L.14*L.5)	0	0	0	0	0	0	0	0	0	0	0	0
16	Investment	10.5608%	0	1,070,848	10.5608%	0	1,070,848	10.5608%	0	10.5608%	0	7,557,110	188,928
17	Annual Depreciation Exp	0	0	26,771	0	0	26,771	0	0	0	0	7,557,110	188,928
18	In Service Month (1-12)	0	0	9	0	0	9	0	0	0	0	8	8
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive	2006	1,070,848	6,124	1,064,724								
21	W incentive	2006	1,070,848	6,124	1,064,724								
22	W / O incentive	2007	1,064,724	20,997	1,043,727					7,557,110	55,567	7,501,543	
23	W incentive	2007	1,064,724	20,997	1,043,727					7,557,110	55,567	7,501,543	
24	W / O incentive	2008	1,043,727	20,997	1,022,730					7,501,543	148,179	7,353,364	
25	W incentive	2008	1,043,727	20,997	1,022,730					7,501,543	148,179	7,353,364	
26	W / O incentive	2009	1,022,730	20,997	1,001,733					7,353,364	148,179	7,205,186	
27	W incentive	2009	1,022,730	20,997	1,001,733					7,353,364	148,179	7,205,186	
28	W / O incentive	2010	1,001,733	20,997	980,736					7,205,186	148,179	7,057,007	
29	W incentive	2010	1,001,733	20,997	980,736					7,205,186	148,179	7,057,007	
30	W / O incentive	2011	980,736	20,997	959,739					7,057,007	148,179	6,908,829	
31	W incentive	2011	980,736	20,997	959,739					7,057,007	148,179	6,908,829	
32	W / O incentive	2012	959,739	20,997	938,742					6,908,829	148,179	6,760,650	
33	W incentive	2012	959,739	20,997	938,742					6,908,829	148,179	6,760,650	
34	W / O incentive	2013	938,742	23,927	914,815		591,996	9,752	582,244	6,760,650	168,855	6,591,795	
35	W incentive	2013	938,742	23,927	914,815		591,996	9,752	582,244	6,760,650	168,855	6,591,795	
36	W / O incentive	2014	914,815	24,903	889,911		582,244	13,767	568,477	6,591,795	175,747	6,416,048	
37	W incentive	2014	914,815	24,903	889,911		582,244	13,767	568,477	6,591,795	175,747	6,416,048	
38	W / O incentive	2015	889,911	24,903	865,008		568,477	13,767	554,709	6,416,048	175,747	6,240,302	
39	W incentive	2015	889,911	24,903	865,008		568,477	13,767	554,709	6,416,048	175,747	6,240,302	
40	W / O incentive	2016	865,008	24,903	840,105		554,709	13,767	540,942	6,240,302	175,747	6,064,555	
41	W incentive	2016	865,008	24,903	840,105		554,709	13,767	540,942	6,240,302	175,747	6,064,555	
42	W / O incentive	2017	840,105	26,771	813,333		540,942	14,800	526,142	6,064,555	188,928	5,875,627	
43	W incentive	2017	840,105	26,771	813,333		540,942	14,800	526,142	6,064,555	188,928	5,875,627	
44	W / O incentive	2018	813,333	26,771	786,562		526,142	14,800	511,342	5,875,627	188,928	5,686,699	
45	W incentive	2018	813,333	26,771	786,562		526,142	14,800	511,342	5,875,627	188,928	5,686,699	
46	W / O incentive	2019	786,562	26,771	759,791		511,342	14,800	496,542	5,686,699	188,928	5,497,772	
47	W incentive	2019	786,562	26,771	759,791		511,342	14,800	496,542	5,686,699	188,928	5,497,772	
48	W / O incentive	2020	759,791	26,771	733,020		496,542	14,800	481,742	5,497,772	188,928	5,308,844	
49	W incentive	2020	759,791	26,771	733,020		496,542	14,800	481,742	5,497,772	188,928	5,308,844	
50	W / O incentive	2021	733,020	26,771	706,249		481,742	14,800	466,943	5,308,844	188,928	5,119,916	
51	W incentive	2021	733,020	26,771	706,249		481,742	14,800	466,943	5,308,844	188,928	5,119,916	
52	W / O incentive	2022	706,249	26,771	679,477	99,943	466,943	14,800	452,143	63,331	5,119,916	188,928	4,930,988
53	W incentive	2022	706,249	26,771	679,477	99,943	466,943	14,800	452,143	63,331	5,119,916	188,928	4,930,988
A	Proj Rev Req w/o Incentive PCY*				93,546				58,991				669,315
B	Proj Rev Req w/ Incentive PCY*				93,546				58,991				669,315
C	Actual Rev Req w/o Incentive PCY*				102,988				64,747				740,667
D	Actual Rev Req w/ Incentive PCY*				102,988				64,747				740,667
E	TUA w/o Int w/ Incentive PCY (C-A)				9,442				5,756				71,351
F	TUA w/o Int w/ Incentive PCY (B-D)				9,442				5,756				71,351
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1,07874				1,07874				1,07874
H	True-Up Adjustment w/o Incentive (E'G)				10,185				6,209				76,970
I	True-Up Adjustment w/ Incentive (F'G)				10,185				6,209				76,970
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					110,129				69,541				796,628
W incentive					110,129				69,541				796,628

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project G-1 is labled as Project G in the 2008 and 2009 Annual Updates													
Line Number	Yes	Project E-1				Yes	Project G-1				Yes	Project G-1A			
10	40	B0226 Install 500/230 kV transformer at Clifton and Clifton 500 KV 150 MVAR capacitor				40	B0403 2nd Dooms 500/230 kV transformer addition				40	B0403 2nd Dooms 500/230 kV transformer addition			
13 FOR W/O incentive	10.5608%					10.5608%					10.5608%				
14 Incentive Factor (Basis Points /100)	0					0					0				
15 FOR W incentive L.13 +(L.14*L.5)	10.5608%					10.5608%					10.5608%				
16 Investment	914,051					6,196,285					516,125				
17 Annual Depreciation Exp	22,851					154,907					12,903				
18 In Service Month (1-12)	10					11					4				
	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req			
19															
20 W / O incentive	2006														
21 W incentive	2006														
22 W / O incentive	2007				6,196,285	15,187	6,181,098								
23 W incentive	2007				6,196,285	15,187	6,181,098								
24 W / O incentive	2008				6,181,098	121,496	6,059,602								
25 W incentive	2008				6,181,098	121,496	6,059,602								
26 W / O incentive	2009				6,059,602	121,496	5,938,107								
27 W incentive	2009				6,059,602	121,496	5,938,107								
28 W / O incentive	2010				5,938,107	121,496	5,816,611								
29 W incentive	2010				5,938,107	121,496	5,816,611								
30 W / O incentive	2011				5,816,611	121,496	5,695,115								
31 W incentive	2011				5,816,611	121,496	5,695,115								
32 W / O incentive	2012				5,695,115	121,496	5,573,619								
33 W incentive	2012				5,695,115	121,496	5,573,619								
34 W / O incentive	2013				5,573,619	138,449	5,435,171								
35 W incentive	2013				5,573,619	138,449	5,435,171								
36 W / O incentive	2014				5,435,171	144,100	5,291,071								
37 W incentive	2014				5,435,171	144,100	5,291,071								
38 W / O incentive	2015				5,291,071	144,100	5,146,971								
39 W incentive	2015				5,291,071	144,100	5,146,971								
40 W / O incentive	2016	914,051	4,429	909,622	5,146,971	144,100	5,002,872		516,125	8,502	507,623				
41 W incentive	2016	914,051	4,429	909,622	5,146,971	144,100	5,002,872		516,125	8,502	507,623				
42 W / O incentive	2017	909,622	22,851	886,771	5,002,872	154,907	4,847,964		507,623	12,903	494,720				
43 W incentive	2017	909,622	22,851	886,771	5,002,872	154,907	4,847,964		507,623	12,903	494,720				
44 W / O incentive	2018	886,771	22,851	863,920	4,847,964	154,907	4,693,057		494,720	12,903	481,817				
45 W incentive	2018	886,771	22,851	863,920	4,847,964	154,907	4,693,057		494,720	12,903	481,817				
46 W / O incentive	2019	863,920	22,851	841,069	4,693,057	154,907	4,538,150		481,817	12,903	468,914				
47 W incentive	2019	863,920	22,851	841,069	4,693,057	154,907	4,538,150		481,817	12,903	468,914				
48 W / O incentive	2020	841,069	22,851	818,217	4,538,150	154,907	4,383,243		468,914	12,903	456,010				
49 W incentive	2020	841,069	22,851	818,217	4,538,150	154,907	4,383,243		468,914	12,903	456,010				
50 W / O incentive	2021	818,217	22,851	795,366	4,383,243	154,907	4,228,336		456,010	12,903	443,107				
51 W incentive	2021	818,217	22,851	795,366	4,383,243	154,907	4,228,336		456,010	12,903	443,107				
52 W / O incentive	2022	795,366	22,851	772,515	4,228,336	154,907	4,073,429	593,275	443,107	12,903	430,204	59,018			
53 W incentive	2022	795,366	22,851	772,515	4,228,336	154,907	4,073,429	593,275	443,107	12,903	430,204	59,018			
A Proj Rev Req w/o Incentive PCY*				98,830			613,901					54,648			
B Proj Rev Req w/ Incentive PCY*				98,830			613,901					54,648			
C Actual Rev Req w/o Incentive PCY*				107,567			610,395					60,126			
D Actual Rev Req w/ Incentive PCY*				107,567			610,395					60,126			
E TUA w/o Int w/o Incentive PCY (C-A)				8,737			(3,506)					5,478			
F TUA w/o Int w/ Incentive PCY (B-D)				8,737			(3,506)					5,478			
G Future Value Factor (1+) ²⁴ mo (ATT6)				1,07874			1,07874					1,07874			
H True-Up Adjustment w/o Incentive (E*G)				9,425			(3,782)					5,909			
I True-Up Adjustment w/ Incentive (F*G)				9,425			(3,782)					5,909			
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O incentive				115,067			589,494					64,927			
W incentive				115,067			589,494					64,927			

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages													
		Project G-2				Project G-2A				Project H-1			
		Yes	B0403			Yes	B0403			Yes	b0328.1		
		40	2nd Dooms 500/230 kV transformer addition			40	2nd Dooms 500/230 kV transformer addition			40	Build new Meadowbrook-Loudoun 500kV circuit (30 of 50 miles)		
		10.5608%				10.5608%				10.5608%	1.5		
		0	Spare Transformer Addition			0	Spare Transformer Addition			11.4304%	line 2101 v11		
		2,245,293				257,907				21,850,320			
		56,132				6,448				546,258			
		4				4				6			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009	2,245,293	31,185	2,214,108					21,850,320	232,070	21,618,250	
27	W incentive	2009	2,245,293	31,185	2,214,108					21,850,320	232,070	21,618,250	
28	W / O incentive	2010	2,214,108	44,025	2,170,083					21,618,250	428,438	21,189,812	
29	W incentive	2010	2,214,108	44,025	2,170,083					21,618,250	428,438	21,189,812	
30	W / O incentive	2011	2,170,083	44,025	2,126,058					21,189,812	428,438	20,761,374	
31	W incentive	2011	2,170,083	44,025	2,126,058					21,189,812	428,438	20,761,374	
32	W / O incentive	2012	2,126,058	44,025	2,082,032					20,761,374	428,438	20,332,937	
33	W incentive	2012	2,126,058	44,025	2,082,032					20,761,374	428,438	20,332,937	
34	W / O incentive	2013	2,082,032	50,168	2,031,864					20,332,937	488,220	19,844,717	
35	W incentive	2013	2,082,032	50,168	2,031,864					20,332,937	488,220	19,844,717	
36	W / O incentive	2014	2,031,864	52,216	1,979,648					19,844,717	508,147	19,336,570	
37	W incentive	2014	2,031,864	52,216	1,979,648					19,844,717	508,147	19,336,570	
38	W / O incentive	2015	1,979,648	52,216	1,927,432					19,336,570	508,147	18,828,423	
39	W incentive	2015	1,979,648	52,216	1,927,432					19,336,570	508,147	18,828,423	
40	W / O incentive	2016	1,927,432	52,216	1,875,216	257,907	4,248	253,659		18,828,423	508,147	18,320,276	
41	W incentive	2016	1,927,432	52,216	1,875,216	257,907	4,248	253,659		18,828,423	508,147	18,320,276	
42	W / O incentive	2017	1,875,216	56,132	1,819,083	253,659	6,448	247,211		18,320,276	546,258	17,774,018	
43	W incentive	2017	1,875,216	56,132	1,819,083	253,659	6,448	247,211		18,320,276	546,258	17,774,018	
44	W / O incentive	2018	1,819,083	56,132	1,762,951	247,211	6,448	240,763		17,774,018	546,258	17,227,760	
45	W incentive	2018	1,819,083	56,132	1,762,951	247,211	6,448	240,763		17,774,018	546,258	17,227,760	
46	W / O incentive	2019	1,762,951	56,132	1,706,819	240,763	6,448	234,316		17,227,760	546,258	16,681,502	
47	W incentive	2019	1,762,951	56,132	1,706,819	240,763	6,448	234,316		17,227,760	546,258	16,681,502	
48	W / O incentive	2020	1,706,819	56,132	1,650,686	234,316	6,448	227,868		16,681,502	546,258	16,135,244	
49	W incentive	2020	1,706,819	56,132	1,650,686	234,316	6,448	227,868		16,681,502	546,258	16,135,244	
50	W / O incentive	2021	1,650,686	56,132	1,594,554	227,868	6,448	221,420		16,135,244	546,258	15,588,986	
51	W incentive	2021	1,650,686	56,132	1,594,554	227,868	6,448	221,420		16,135,244	546,258	15,588,986	
52	W / O incentive	2022	1,594,554	56,132	1,538,422	221,567	6,448	214,972	29,491	15,588,986	546,258	15,042,728	2,163,742
53	W incentive	2022	1,594,554	56,132	1,538,422	221,567	6,448	214,972	29,491	15,588,986	546,258	15,042,728	2,296,924
					207,972			27,307					2,030,281
A Proj Rev Req w/o Incentive PCY*					207,972			27,307					2,133,018
B Proj Rev Req w/ Incentive PCY*					227,552			30,045					2,221,739
C Actual Rev Req w/ Incentive PCY*					19,580			2,737					191,457
D Actual Rev Req w/ Incentive PCY*					19,580			2,737					228,912
E TUA w/o Int w/ Incentive PCY (C-A)					1,07874			1,07874					1,07874
F TUA w/o Int w/ Incentive PCY (B-D)					21,122			2,953					206,533
G Future Value Factor (1+i)^24 mo (ATT6)					21,122			2,953					246,938
H True-Up Adjustment w/o Incentive (E'G)													
I True-Up Adjustment w/ Incentive (F'G)													
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					242,689			32,444					2,370,275
W incentive					242,689			32,444					2,543,861

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages														
		Project H-2				Project H-3				Project H-4				
		Yes	b0328.1			Yes	b0328.1			Yes	b0328.1			
		40	Build new Meadowbrook-Loudon 500kV circuit			40	Build new Meadowbrook-Loudon 500kV circuit			40	Build new Meadowbrook-Loudon 500kV circuit			
		10.5608%	(30 of 50 miles)			10.5608%	(30 of 50 miles)			10.5608%	(30 of 50 miles)			
		11.4304%	Line 2030 & 559 v12 & v13			11.4304%	Line 580 - Phase 1			11.4304%	Line 124			
		45,089,209				13,581,000				11,224,282				
		1,127,230				339,525				280,607				
		12				7				4				
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
19														
20	W / O incentive	2006												
21	W incentive	2006												
22	W / O incentive	2007												
23	W incentive	2007												
24	W / O incentive	2008												
25	W incentive	2008												
26	W / O incentive	2009	45,089,209	36,838	45,052,371									
27	W incentive	2009	45,089,209	36,838	45,052,371									
28	W / O incentive	2010	45,052,371	884,102	44,168,269	13,581,000	122,051	13,458,949		11,224,282	155,893	11,068,389		
29	W incentive	2010	45,052,371	884,102	44,168,269	13,581,000	122,051	13,458,949		11,224,282	155,893	11,068,389		
30	W / O incentive	2011	44,168,269	884,102	43,284,167	13,458,949	266,294	13,192,654		11,068,389	220,084	10,848,305		
31	W incentive	2011	44,168,269	884,102	43,284,167	13,458,949	266,294	13,192,654		11,068,389	220,084	10,848,305		
32	W / O incentive	2012	43,284,167	884,102	42,400,065	13,192,654	266,294	12,926,360		10,848,305	220,084	10,628,221		
33	W incentive	2012	43,284,167	884,102	42,400,065	13,192,654	266,294	12,926,360		10,848,305	220,084	10,628,221		
34	W / O incentive	2013	42,400,065	1,007,465	41,392,600	12,926,360	303,451	12,622,909		10,628,221	250,793	10,377,428		
35	W incentive	2013	42,400,065	1,007,465	41,392,600	12,926,360	303,451	12,622,909		10,628,221	250,793	10,377,428		
36	W / O incentive	2014	41,392,600	1,048,586	40,344,014	12,622,909	315,837	12,307,072		10,377,428	261,030	10,116,398		
37	W incentive	2014	41,392,600	1,048,586	40,344,014	12,622,909	315,837	12,307,072		10,377,428	261,030	10,116,398		
38	W / O incentive	2015	40,344,014	1,048,586	39,295,427	12,307,072	315,837	11,991,234		10,116,398	261,030	9,855,368		
39	W incentive	2015	40,344,014	1,048,586	39,295,427	12,307,072	315,837	11,991,234		10,116,398	261,030	9,855,368		
40	W / O incentive	2016	39,295,427	1,048,586	38,246,841	11,991,234	315,837	11,675,397		9,855,368	261,030	9,594,338		
41	W incentive	2016	39,295,427	1,048,586	38,246,841	11,991,234	315,837	11,675,397		9,855,368	261,030	9,594,338		
42	W / O incentive	2017	38,246,841	1,127,230	37,119,611	11,675,397	339,525	11,335,872		9,594,338	280,607	9,313,731		
43	W incentive	2017	38,246,841	1,127,230	37,119,611	11,675,397	339,525	11,335,872		9,594,338	280,607	9,313,731		
44	W / O incentive	2018	37,119,611	1,127,230	35,992,381	11,335,872	339,525	10,996,347		9,313,731	280,607	9,033,124		
45	W incentive	2018	37,119,611	1,127,230	35,992,381	11,335,872	339,525	10,996,347		9,313,731	280,607	9,033,124		
46	W / O incentive	2019	35,992,381	1,127,230	34,865,150	10,996,347	339,525	10,656,822		9,033,124	280,607	8,752,517		
47	W incentive	2019	35,992,381	1,127,230	34,865,150	10,996,347	339,525	10,656,822		9,033,124	280,607	8,752,517		
48	W / O incentive	2020	34,865,150	1,127,230	33,737,920	10,656,822	339,525	10,317,297		8,752,517	280,607	8,471,910		
49	W incentive	2020	34,865,150	1,127,230	33,737,920	10,656,822	339,525	10,317,297		8,752,517	280,607	8,471,910		
50	W / O incentive	2021	33,737,920	1,127,230	32,610,690	10,317,297	339,525	9,977,772		8,471,910	280,607	8,191,303		
51	W incentive	2021	33,737,920	1,127,230	32,610,690	10,317,297	339,525	9,977,772		8,471,910	280,607	8,191,303		
52	W / O incentive	2022	32,610,690	1,127,230	31,483,460	4,511,673	9,977,772	339,525	9,638,247	1,375,334	8,191,303	280,607	7,910,696	1,130,861
53	W incentive	2022	32,610,690	1,127,230	31,483,460	4,790,343	9,977,772	339,525	9,638,247	1,460,621	8,191,303	280,607	7,910,696	1,200,670
A Proj Rev Req w/o Incentive PCY*					4,229,083				1,287,692				1,059,322	
B Proj Rev Req w/ Incentive PCY*					4,443,931				1,353,404				1,113,277	
C Actual Rev Req w/o Incentive PCY*					4,629,806				1,410,373				1,160,012	
D Actual Rev Req w/ Incentive PCY*					4,922,875				1,499,973				1,233,594	
E TUA w/o Int w/o Incentive PCY (C-A)					400,722				122,681				100,690	
F TUA w/o Int w/ Incentive PCY (B-D)					478,944				146,569				120,317	
G Future Value Factor (1+i)^24 mo (ATT6)					1.07874				1.07874				1.07874	
H True-Up Adjustment w/o Incentive (E'G)					432,276				132,341				108,618	
I True-Up Adjustment w/ Incentive (F'G)					516,658				158,110				129,791	
TUA = True-Up Adjustment PCY = Previous Calendar Year														
W / O incentive					4,943,949				1,507,675				1,239,479	
W incentive					5,307,001				1,618,731				1,330,660	

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages													
		Project H-5				Project H-6				Project H-7			
		Yes	b0328.1			Yes	b0328.1			Yes	b0328.1		
		40	Build new Meadowbrook-Loudon 500kV circuit			40	Build new Meadowbrook-Loudon 500kV circuit			40	Build new Meadowbrook-Loudon 500kV circuit		
		10.5608%	(30 of 50 miles)			10.5608%	(30 of 50 miles)			10.5608%	(30 of 50 miles)		
		1.5	Line 114			1.5	Clevenger DP/580			1.5	Line 580 - Phase 2		
		11.4304%				11.4304%				11.4304%			
		14,655,559				16,900,800				11,362,770			
		366,389				422,520				284,069			
		6				9				12			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009											
27	W incentive	2009											
28	W / O incentive	2010	14,655,559	155,655	14,499,904	16,900,800	96,655	16,804,145		11,362,770	9,283	11,353,487	
29	W incentive	2010	14,655,559	155,655	14,499,904	16,900,800	96,655	16,804,145		11,362,770	9,283	11,353,487	
30	W / O incentive	2011	14,499,904	287,364	14,212,540	16,804,145	331,388	16,472,757		11,353,487	222,799	11,130,687	
31	W incentive	2011	14,499,904	287,364	14,212,540	16,804,145	331,388	16,472,757		11,353,487	222,799	11,130,687	
32	W / O incentive	2012	14,212,540	287,364	13,925,176	16,472,757	331,388	16,141,369		11,130,687	222,799	10,907,888	
33	W incentive	2012	14,212,540	287,364	13,925,176	16,472,757	331,388	16,141,369		11,130,687	222,799	10,907,888	
34	W / O incentive	2013	13,925,176	327,461	13,597,715	16,141,369	377,628	15,763,740		10,907,888	253,888	10,654,000	
35	W incentive	2013	13,925,176	327,461	13,597,715	16,141,369	377,628	15,763,740		10,907,888	253,888	10,654,000	
36	W / O incentive	2014	13,597,715	340,827	13,256,888	15,763,740	393,042	15,370,698		10,654,000	264,250	10,389,750	
37	W incentive	2014	13,597,715	340,827	13,256,888	15,763,740	393,042	15,370,698		10,654,000	264,250	10,389,750	
38	W / O incentive	2015	13,256,888	340,827	12,916,061	15,370,698	393,042	14,977,656		10,389,750	264,250	10,125,499	
39	W incentive	2015	13,256,888	340,827	12,916,061	15,370,698	393,042	14,977,656		10,389,750	264,250	10,125,499	
40	W / O incentive	2016	12,916,061	340,827	12,575,234	14,977,656	393,042	14,584,615		10,125,499	264,250	9,861,249	
41	W incentive	2016	12,916,061	340,827	12,575,234	14,977,656	393,042	14,584,615		10,125,499	264,250	9,861,249	
42	W / O incentive	2017	12,575,234	366,389	12,208,845	14,584,615	422,520	14,162,095		9,861,249	284,069	9,577,180	
43	W incentive	2017	12,575,234	366,389	12,208,845	14,584,615	422,520	14,162,095		9,861,249	284,069	9,577,180	
44	W / O incentive	2018	12,208,845	366,389	11,842,456	14,162,095	422,520	13,739,575		9,577,180	284,069	9,293,110	
45	W incentive	2018	12,208,845	366,389	11,842,456	14,162,095	422,520	13,739,575		9,577,180	284,069	9,293,110	
46	W / O incentive	2019	11,842,456	366,389	11,476,067	13,739,575	422,520	13,317,055		9,293,110	284,069	9,009,041	
47	W incentive	2019	11,842,456	366,389	11,476,067	13,739,575	422,520	13,317,055		9,293,110	284,069	9,009,041	
48	W / O incentive	2020	11,476,067	366,389	11,109,678	13,317,055	422,520	12,894,535		9,009,041	284,069	8,724,972	
49	W incentive	2020	11,476,067	366,389	11,109,678	13,317,055	422,520	12,894,535		9,009,041	284,069	8,724,972	
50	W / O incentive	2021	11,109,678	366,389	10,743,289	12,894,535	422,520	12,472,015		8,724,972	284,069	8,440,903	
51	W incentive	2021	11,109,678	366,389	10,743,289	12,894,535	422,520	12,472,015		8,724,972	284,069	8,440,903	
52	W / O incentive	2022	10,743,289	366,389	10,376,900	12,472,015	422,520	12,049,495	1,717,359	8,440,903	284,069	8,156,833	1,160,500
53	W incentive	2022	10,743,289	366,389	10,376,900	12,472,015	422,520	12,049,495	1,823,975	8,440,903	284,069	8,156,833	1,232,664
A Proj Rev Req w/o Incentive PCY*					1,387,437				1,607,396				
B Proj Rev Req w/ Incentive PCY*					1,458,195				1,689,527				
C Actual Rev Req w/o Incentive PCY*					1,519,519				1,760,770				
D Actual Rev Req w/ Incentive PCY*					1,616,005				1,872,745				
E TUA w/o Int w/o Incentive PCY (C-A)					132,082				153,374				
F TUA w/o Int w/ Incentive PCY (B-D)					157,810				183,218				
G Future Value Factor (1+i)^24 mo (ATT6)					1,07874				1,07874				
H True-Up Adjustment w/o Incentive (E*G)					142,483				165,451				
I True-Up Adjustment w/ Incentive (F*G)					170,236				197,645				
TUA = True-Up Adjustment													
PCY = Previous Calendar Year													
W / O incentive					1,624,107				1,882,811				
W incentive					1,743,687				2,021,620				

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project H-8				Project H-9				Project H-9A			
Line Number	(Yes or No)	Yes	b0328.1	40	Yes	b0328.3	40	Yes	b0328.3	40	Yes	b0328.3	40
11 Schedule 12	(Yes or No)	10.5608%	Build new Meadowbrook-Loudoun 500kV circuit	10.5608%	10.5608%	Upgrade Mt Storm 500 kV Substation	10.5608%	10.5608%	Upgrade Mt Storm 500 kV Substation	10.5608%	10.5608%	Upgrade Mt Storm 500 kV Substation	10.5608%
12 Life		15	(30 of 50 miles)	15	15		15	0		0	0		0
13 FOR W/O incentive	Line 3	11.4304%	Line 535	11.4304%	11.4304%		11.4304%	10.5608%		10.5608%	10.5608%		10.5608%
14 Incentive Factor (Basis Points /100)		95,055,273		13,601,204	13,601,204		223,827	223,827		223,827	223,827		223,827
15 FOR W incentive L.13 +(L.14*L.5)		2,376,382		340,030	340,030		5,596	5,596		5,596	5,596		5,596
16 Investment		4		5	5		9	9		9	9		9
17 Annual Depreciation Exp													
18 In Service Month (1-12)													
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009											
27	W incentive	2009											
28	W / O incentive	2010											
29	W incentive	2010											
30	W / O incentive	2011	95,055,273	1,320,212	93,735,061	13,601,204	166,681	13,434,523					
31	W incentive	2011	95,055,273	1,320,212	93,735,061	13,601,204	166,681	13,434,523					
32	W / O incentive	2012	93,735,061	1,863,829	91,871,232	13,434,523	266,690	13,167,832					
33	W incentive	2012	93,735,061	1,863,829	91,871,232	13,434,523	266,690	13,167,832					
34	W / O incentive	2013	91,871,232	2,123,898	89,747,334	13,167,832	303,903	12,863,929					
35	W incentive	2013	91,871,232	2,123,898	89,747,334	13,167,832	303,903	12,863,929					
36	W / O incentive	2014	89,747,334	2,210,588	87,536,746	12,863,929	316,307	12,547,622					
37	W incentive	2014	89,747,334	2,210,588	87,536,746	12,863,929	316,307	12,547,622					
38	W / O incentive	2015	87,536,746	2,210,588	85,326,158	12,547,622	316,307	12,231,315					
39	W incentive	2015	87,536,746	2,210,588	85,326,158	12,547,622	316,307	12,231,315					
40	W / O incentive	2016	85,326,158	2,210,588	83,115,571	12,231,315	316,307	11,915,008					
41	W incentive	2016	85,326,158	2,210,588	83,115,571	12,231,315	316,307	11,915,008					
42	W / O incentive	2017	83,115,571	2,376,382	80,739,189	11,915,008	340,030	11,574,978		223,827	1,632	222,195	
43	W incentive	2017	83,115,571	2,376,382	80,739,189	11,915,008	340,030	11,574,978		223,827	1,632	222,195	
44	W / O incentive	2018	80,739,189	2,376,382	78,362,807	11,574,978	340,030	11,234,948		222,195	5,596	216,599	
45	W incentive	2018	80,739,189	2,376,382	78,362,807	11,574,978	340,030	11,234,948		222,195	5,596	216,599	
46	W / O incentive	2019	78,362,807	2,376,382	75,986,425	11,234,948	340,030	10,894,918		216,599	5,596	211,004	
47	W incentive	2019	78,362,807	2,376,382	75,986,425	11,234,948	340,030	10,894,918		216,599	5,596	211,004	
48	W / O incentive	2020	75,986,425	2,376,382	73,610,043	10,894,918	340,030	10,554,888		211,004	5,596	205,408	
49	W incentive	2020	75,986,425	2,376,382	73,610,043	10,894,918	340,030	10,554,888		211,004	5,596	205,408	
50	W / O incentive	2021	73,610,043	2,376,382	71,233,662	10,554,888	340,030	10,214,858		205,408	5,596	199,812	
51	W incentive	2021	73,610,043	2,376,382	71,233,662	10,554,888	340,030	10,214,858		205,408	5,596	199,812	
52	W / O incentive	2022	71,233,662	2,376,382	68,857,280	10,214,858	340,030	9,874,828	1,400,851	199,812	5,596	194,217	26,402
53	W incentive	2022	71,233,662	2,376,382	68,857,280	10,214,858	340,030	9,874,828	1,488,197	199,812	5,596	194,217	26,402
A Proj Rev Req w/o Incentive PCY*					9,143,099			1,292,328					59,284
B Proj Rev Req w/ Incentive PCY*					9,612,406			1,358,381					59,284
C Actual Rev Req w/o Incentive PCY*					10,014,129			1,435,164					26,856
D Actual Rev Req w/ Incentive PCY*					10,653,199			1,526,797					26,856
E TUA w/o Int w/o Incentive PCY (C-A)					871,030			142,836					(32,428)
F TUA w/o Int w/ Incentive PCY (B-D)					1,040,793			168,416					(32,428)
G Future Value Factor (1+i)^24 mo (ATT6)					1,07874			1,07874					1,07874
H True-Up Adjustment w/o Incentive (E*G)					939,617			154,084					(34,981)
I True-Up Adjustment w/ Incentive (F*G)					1,122,748			181,677					(34,981)
TUA = True-Up Adjustment													
PCY = Previous Calendar Year													
W / O incentive					10,713,393			1,554,934					(8,579)
W incentive					11,505,616			1,669,874					(8,579)

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project H-10				Project I-1				Project I-2A			
Line Number	Yes	40	b0328.4	Upgrade Loudoun 500 kV Substation	Yes	40	b0329	Carson-Suffolk 500 kV line + Suffolk 500/230 # 2 transformer + Suffolk - Thrasher 230kV line	Yes	40	b0329	Carson-Suffolk 500 kV line + Suffolk 500/230 # 2 transformer + Suffolk - Thrasher 230kV line	
10 Schedule 12 (Yes or No)	10.5608%				10.5608%				10.5608%				
12 Life	1.5				1.5				1.5				
13 FCR W/O incentive Line 3	11.4304%				11.4304%				11.4304%				
14 Incentive Factor (Basis Points /100)	3,123.926				2,434.850		Cost associated with below 500 kV elements.		38,312.185		Cost associated with below 500 kV elements.		
15 FCR W incentive L.13 +(L.14*L.5)	78.098				60.871				957.805				
16 Investment	5				12				6				
17 Annual Depreciation Exp													
18 In Service Month (1-12)													
19	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
20 W / O incentive 2006													
21 W incentive 2006													
22 W / O incentive 2007													
23 W incentive 2007													
24 W / O incentive 2008													
25 W incentive 2008													
26 W / O incentive 2009					2,434.850	1,989	2,432.861						
27 W incentive 2009					2,434.850	1,989	2,432.861						
28 W / O incentive 2010					2,432.861	47,742	2,385,119						
29 W incentive 2010					2,432.861	47,742	2,385,119						
30 W / O incentive 2011	3,123.926	38,283	3,085,643		2,385,119	47,742	2,337,376		38,312.185	406,910	37,905,275		
31 W incentive 2011	3,123.926	38,283	3,085,643		2,385,119	47,742	2,337,376		38,312.185	406,910	37,905,275		
32 W / O incentive 2012	3,085,643	61,253	3,024,389		2,337,376	47,742	2,289,634		37,905,275	751,219	37,154,056		
33 W incentive 2012	3,085,643	61,253	3,024,389		2,337,376	47,742	2,289,634		37,905,275	751,219	37,154,056		
34 W / O incentive 2013	3,024,389	69,800	2,954,589		2,289,634	54,404	2,235,230		37,154,056	856,041	36,298,015		
35 W incentive 2013	3,024,389	69,800	2,954,589		2,289,634	54,404	2,235,230		37,154,056	856,041	36,298,015		
36 W / O incentive 2014	2,954,589	72,649	2,881,939		2,235,230	56,624	2,178,606		36,298,015	890,981	35,407,034		
37 W incentive 2014	2,954,589	72,649	2,881,939		2,235,230	56,624	2,178,606		36,298,015	890,981	35,407,034		
38 W / O incentive 2015	2,881,939	72,649	2,809,290		2,178,606	56,624	2,121,982		35,407,034	890,981	34,516,053		
39 W incentive 2015	2,881,939	72,649	2,809,290		2,178,606	56,624	2,121,982		35,407,034	890,981	34,516,053		
40 W / O incentive 2016	2,809,290	72,649	2,736,640		2,121,982	56,624	2,065,357		34,516,053	890,981	33,625,072		
41 W incentive 2016	2,809,290	72,649	2,736,640		2,121,982	56,624	2,065,357		34,516,053	890,981	33,625,072		
42 W / O incentive 2017	2,736,640	78,098	2,658,542		2,065,357	60,871	2,004,486		33,625,072	957,805	32,667,267		
43 W incentive 2017	2,736,640	78,098	2,658,542		2,065,357	60,871	2,004,486		33,625,072	957,805	32,667,267		
44 W / O incentive 2018	2,658,542	78,098	2,580,444		2,004,486	60,871	1,943,615		32,667,267	957,805	31,709,463		
45 W incentive 2018	2,658,542	78,098	2,580,444		2,004,486	60,871	1,943,615		32,667,267	957,805	31,709,463		
46 W / O incentive 2019	2,580,444	78,098	2,502,346		1,943,615	60,871	1,882,743		31,709,463	957,805	30,751,658		
47 W incentive 2019	2,580,444	78,098	2,502,346		1,943,615	60,871	1,882,743		31,709,463	957,805	30,751,658		
48 W / O incentive 2020	2,502,346	78,098	2,424,248		1,882,743	60,871	1,821,872		30,751,658	957,805	29,793,853		
49 W incentive 2020	2,502,346	78,098	2,424,248		1,882,743	60,871	1,821,872		30,751,658	957,805	29,793,853		
50 W / O incentive 2021	2,424,248	78,098	2,346,150		1,821,872	60,871	1,761,001		29,793,853	957,805	28,836,049		
51 W incentive 2021	2,424,248	78,098	2,346,150		1,821,872	60,871	1,761,001		29,793,853	957,805	28,836,049		
52 W / O incentive 2022	2,346,150	78,098	2,268,051	321,747	1,761,001	60,871	1,700,130	243,634	28,836,049	957,805	27,878,244	3,952,559	
53 W incentive 2022	2,346,150	78,098	2,268,051	341,809	1,761,001	60,871	1,700,130	258,682	28,836,049	957,805	27,878,244	4,199,143	
A Proj Rev Req w/o Incentive PCY*				300,758				228,374				3,752,742	
B Proj Rev Req w/ Incentive PCY*				316,202				239,975				3,945,556	
C Actual Rev Req w/o Incentive PCY*				329,629				250,013				4,048,996	
D Actual Rev Req w/ Incentive PCY*				350,675				265,839				4,307,644	
E TUA w/o Int w/ Incentive PCY (C-A)				28,871				21,639				296,254	
F TUA w/ Int w/ Incentive PCY (B-D)				34,473				25,863				362,088	
G Future Value Factor (1+) ²⁴ mo (ATT6)				1.07874				1.07874				1.07874	
H True-Up Adjustment w/o Incentive (E*G)				31,144				23,343				319,582	
I True-Up Adjustment w/ Incentive (F*G)				37,187				27,900				390,600	
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive				352,891				266,977				4,272,141	
W incentive				378,997				286,582				4,589,743	

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project I-2B				Project I-3				Project J			
Line Number	(Yes or No)	Yes	b0329	Carson-Suffolk 500 kV line + Suffolk 500/230 # 2 transformer + Suffolk - Thrasher 230kV line	Yes	b0329	Carson-Suffolk 500 kV line + Suffolk 500/230 # 2 transformer + Suffolk - Thrasher 230kV line	Yes	b0512	MAPP Project -- Dominion Portion	Yes	b0512	MAPP Project -- Dominion Portion
10		40			40			40			40		
11	Schedule 12	10.5608%			10.5608%			10.5608%			10.5608%		
12	Life	1.5			0			0			1.5		
13	FOR W/O incentive	11.4304%			10.5608%			10.5608%			11.4304%		
14	Incentive Factor (Basis Points /100)												
15	FOR W incentive L.13 +(L.14*L.5)	163,410,059			915,823			915,823			163,410,059		
16	Investment	4,085,251			22,896			22,896			4,085,251		
17	Annual Depreciation Exp												
18	In Service Month (1-12)	5			3			3			5		
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive												
21	W incentive												
22	W / O incentive												
23	W incentive												
24	W / O incentive												
25	W incentive												
26	W / O incentive												
27	W incentive												
28	W / O incentive												
29	W incentive												
30	W / O incentive	163,410,059	2,002,574	161,407,485									
31	W incentive	163,410,059	2,002,574	161,407,485									
32	W / O incentive	161,407,485	3,204,119	158,203,366									
33	W incentive	161,407,485	3,204,119	158,203,366									
34	W / O incentive	158,203,366	3,651,205	154,552,161									
35	W incentive	158,203,366	3,651,205	154,552,161									
36	W / O incentive	154,552,161	3,800,234	150,751,927									
37	W incentive	154,552,161	3,800,234	150,751,927									
38	W / O incentive	150,751,927	3,800,234	146,951,693									
39	W incentive	150,751,927	3,800,234	146,951,693									
40	W / O incentive	146,951,693	3,800,234	143,151,459									
41	W incentive	146,951,693	3,800,234	143,151,459									
42	W / O incentive	143,151,459	4,085,251	139,066,208									
43	W incentive	143,151,459	4,085,251	139,066,208									
44	W / O incentive	139,066,208	4,085,251	134,980,956	915,823	18,126	897,697						
45	W incentive	139,066,208	4,085,251	134,980,956	915,823	18,126	897,697						
46	W / O incentive	134,980,956	4,085,251	130,895,705	897,697	22,896	874,801						
47	W incentive	134,980,956	4,085,251	130,895,705	897,697	22,896	874,801						
48	W / O incentive	130,895,705	4,085,251	126,810,453	874,801	22,896	851,906						
49	W incentive	130,895,705	4,085,251	126,810,453	874,801	22,896	851,906						
50	W / O incentive	126,810,453	4,085,251	122,725,202	851,906	22,896	829,010						
51	W incentive	126,810,453	4,085,251	122,725,202	851,906	22,896	829,010						
52	W / O incentive	122,725,202	4,085,251	118,639,950	829,010	22,896	806,115	109,237					
53	W incentive	122,725,202	4,085,251	118,639,950	829,010	22,896	806,115	109,237					
A	Proj Rev Req w/o Incentive PCY*				15,732,104				111,807				-
B	Proj Rev Req w/ Incentive PCY*				16,539,939				111,807				-
C	Actual Rev Req w/o Incentive PCY*				17,242,610				111,054				-
D	Actual Rev Req w/ Incentive PCY*				18,343,522				111,054				-
E	TUA w/o Int w/ Incentive PCY (C-A)				1,510,507				(754)				-
F	TUA w/ Int w/ Incentive PCY (B-D)				1,803,583				(754)				-
G	Future Value Factor (1+)^24 mo (ATT6)				1.07874			1.07874					1.07874
H	True-Up Adjustment w/o Incentive (E'G)				1,629,448				(813)				-
I	True-Up Adjustment w/ Incentive (F'G)				1,945,601				(813)				-
	TUA = True-Up Adjustment PCY = Previous Calendar Year												
	W / O incentive				18,459,801				108,424				-
	W incentive				19,825,369				108,424				-

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages													
		Project K-1				Project K-2				Project L-1a			
		No	Loudoun Bank # 1 transformer replacement			No	Loudoun Bank # 2 transformer replacement			No	Ox Bank # 1 transformer replacement		
		40				40				40			
		10.5608%				10.5608%				10.5608%			
		1.5				1.5				1.5			
		11.4304%				11.4304%				11.4304%			
		12,786,365				13,698,170				10,056,166			
		319,659				342,454				251,404			
		12				5				7			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009	12,786,365	10,446	12,775,919					10,056,166	90,374	9,965,792	
27	W incentive	2009	12,786,365	10,446	12,775,919					10,056,166	90,374	9,965,792	
28	W / O incentive	2010	12,775,919	250,713	12,525,206	13,698,170	167,870	13,530,300		9,965,792	197,180	9,768,612	
29	W incentive	2010	12,775,919	250,713	12,525,206	13,698,170	167,870	13,530,300		9,965,792	197,180	9,768,612	
30	W / O incentive	2011	12,525,206	250,713	12,274,493	13,530,300	268,592	13,261,709		9,768,612	197,180	9,571,433	
31	W incentive	2011	12,525,206	250,713	12,274,493	13,530,300	268,592	13,261,709		9,768,612	197,180	9,571,433	
32	W / O incentive	2012	12,274,493	250,713	12,023,780	13,261,709	268,592	12,993,117		9,571,433	197,180	9,374,253	
33	W incentive	2012	12,274,493	250,713	12,023,780	13,261,709	268,592	12,993,117		9,571,433	197,180	9,374,253	
34	W / O incentive	2013	12,023,780	285,696	11,738,083	12,993,117	306,069	12,687,048		9,374,253	224,693	9,149,560	
35	W incentive	2013	12,023,780	285,696	11,738,083	12,993,117	306,069	12,687,048		9,374,253	224,693	9,149,560	
36	W / O incentive	2014	11,738,083	297,357	11,440,726	12,687,048	318,562	12,368,486		9,149,560	233,864	8,915,695	
37	W incentive	2014	11,738,083	297,357	11,440,726	12,687,048	318,562	12,368,486		9,149,560	233,864	8,915,695	
38	W / O incentive	2015	11,440,726	297,357	11,143,369	12,368,486	318,562	12,049,923		8,915,695	233,864	8,681,831	
39	W incentive	2015	11,440,726	297,357	11,143,369	12,368,486	318,562	12,049,923		8,915,695	233,864	8,681,831	
40	W / O incentive	2016	11,143,369	297,357	10,846,011	12,049,923	318,562	11,731,361		8,681,831	233,864	8,447,967	
41	W incentive	2016	11,143,369	297,357	10,846,011	12,049,923	318,562	11,731,361		8,681,831	233,864	8,447,967	
42	W / O incentive	2017	10,846,011	319,659	10,526,352	11,731,361	342,454	11,388,907		8,447,967	251,404	8,196,562	
43	W incentive	2017	10,846,011	319,659	10,526,352	11,731,361	342,454	11,388,907		8,447,967	251,404	8,196,562	
44	W / O incentive	2018	10,526,352	319,659	10,206,693	11,388,907	342,454	11,046,453		8,196,562	251,404	7,945,158	
45	W incentive	2018	10,526,352	319,659	10,206,693	11,388,907	342,454	11,046,453		8,196,562	251,404	7,945,158	
46	W / O incentive	2019	10,206,693	319,659	9,887,034	11,046,453	342,454	10,703,999		7,945,158	251,404	7,693,754	
47	W incentive	2019	10,206,693	319,659	9,887,034	11,046,453	342,454	10,703,999		7,945,158	251,404	7,693,754	
48	W / O incentive	2020	9,887,034	319,659	9,567,375	10,703,999	342,454	10,361,544		7,693,754	251,404	7,442,350	
49	W incentive	2020	9,887,034	319,659	9,567,375	10,703,999	342,454	10,361,544		7,693,754	251,404	7,442,350	
50	W / O incentive	2021	9,567,375	319,659	9,247,716	10,361,544	342,454	10,019,090		7,442,350	251,404	7,190,946	
51	W incentive	2021	9,567,375	319,659	9,247,716	10,361,544	342,454	10,019,090		7,442,350	251,404	7,190,946	
52	W / O incentive	2022	9,247,716	319,659	8,928,057	1,279,417	10,019,090	342,454	9,676,636	1,382,472	7,190,946	6,939,542	997,554
53	W incentive	2022	9,247,716	319,659	8,928,057	1,358,442	10,019,090	342,454	9,676,636	1,468,106	7,190,946	6,939,542	1,056,991
					1,199,280				1,360,080				935,864
A Proj Rev Req w/o Incentive PCY*													
B Proj Rev Req w/ Incentive PCY*					1,260,207				1,429,399				863,252
C Actual Rev Req w/o Incentive PCY*					1,312,917				1,417,970				1,024,188
D Actual Rev Req w/ Incentive PCY*					1,396,025				1,507,961				1,068,849
E TUA w/o Int w/o Incentive PCY (C-A)					113,637				57,889				88,324
F TUA w/o Int w/ Incentive PCY (B-D)					135,819				78,562				105,597
G Future Value Factor (1+) ²⁴ mo (ATT6)					1,07874				1,07874				1,07874
H True-Up Adjustment w/o Incentive (E*G)					122,585				62,448				95,279
I True-Up Adjustment w/ Incentive (F*G)					146,513				84,748				113,912
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					1,402,001				1,444,919				1,092,833
W incentive					1,504,955				1,552,854				1,172,902

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages													
		Project L-1b				Project L-2				Project M			
10		No				No				No			
11	Schedule 12 (Yes or No)	40	Ox Bank # 1 transformer spare			40	Ox Bank # 2 transformer replacement			40	Yadkin Bank # 2 transformer replacement		
12	Life	10.5608%				10.5608%				10.5608%			
13	FOR W/O incentive Line 3	1.5				1.5				1.5			
14	Incentive Factor (Basis Points /100)	11.4304%				11.4304%				11.4304%			
15	FOR W incentive L.13 +(L.14*L.5)	2,857,132				11,501,538				16,350,882			
16	Investment	71,428				287,538				408,772			
17	Annual Depreciation Exp	12				3				6			
18	In Service Month (1-12)												
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009	2,857,132	2,334	2,854,798		11,501,538	178,537	11,323,001					
27	W incentive 2009	2,857,132	2,334	2,854,798		11,501,538	178,537	11,323,001					
28	W / O incentive 2010	2,854,798	56,022	2,798,776		11,323,001	225,520	11,097,481		16,350,882	173,661	16,177,221	
29	W incentive 2010	2,854,798	56,022	2,798,776		11,323,001	225,520	11,097,481		16,350,882	173,661	16,177,221	
30	W / O incentive 2011	2,798,776	56,022	2,742,753		11,097,481	225,520	10,871,960		16,177,221	320,606	15,856,615	
31	W incentive 2011	2,798,776	56,022	2,742,753		11,097,481	225,520	10,871,960		16,177,221	320,606	15,856,615	
32	W / O incentive 2012	2,742,753	56,022	2,686,731		10,871,960	225,520	10,646,440		15,856,615	320,606	15,536,010	
33	W incentive 2012	2,742,753	56,022	2,686,731		10,871,960	225,520	10,646,440		15,856,615	320,606	15,536,010	
34	W / O incentive 2013	2,686,731	63,839	2,622,892		10,646,440	256,988	10,389,452		15,536,010	365,341	15,170,668	
35	W incentive 2013	2,686,731	63,839	2,622,892		10,646,440	256,988	10,389,452		15,536,010	365,341	15,170,668	
36	W / O incentive 2014	2,622,892	66,445	2,556,447		10,389,452	267,478	10,121,974		15,170,668	380,253	14,790,415	
37	W incentive 2014	2,622,892	66,445	2,556,447		10,389,452	267,478	10,121,974		15,170,668	380,253	14,790,415	
38	W / O incentive 2015	2,556,447	66,445	2,490,002		10,121,974	267,478	9,854,496		14,790,415	380,253	14,410,162	
39	W incentive 2015	2,556,447	66,445	2,490,002		10,121,974	267,478	9,854,496		14,790,415	380,253	14,410,162	
40	W / O incentive 2016	2,490,002	66,445	2,423,557		9,854,496	267,478	9,587,019		14,410,162	380,253	14,029,909	
41	W incentive 2016	2,490,002	66,445	2,423,557		9,854,496	267,478	9,587,019		14,410,162	380,253	14,029,909	
42	W / O incentive 2017	2,423,557	71,428	2,352,129		9,587,019	287,538	9,299,480		14,029,909	408,772	13,621,137	
43	W incentive 2017	2,423,557	71,428	2,352,129		9,587,019	287,538	9,299,480		14,029,909	408,772	13,621,137	
44	W / O incentive 2018	2,352,129	71,428	2,280,701		9,299,480	287,538	9,011,942		13,621,137	408,772	13,212,365	
45	W incentive 2018	2,352,129	71,428	2,280,701		9,299,480	287,538	9,011,942		13,621,137	408,772	13,212,365	
46	W / O incentive 2019	2,280,701	71,428	2,209,272		9,011,942	287,538	8,724,403		13,212,365	408,772	12,803,593	
47	W incentive 2019	2,280,701	71,428	2,209,272		9,011,942	287,538	8,724,403		13,212,365	408,772	12,803,593	
48	W / O incentive 2020	2,209,272	71,428	2,137,844		8,724,403	287,538	8,436,865		12,803,593	408,772	12,394,821	
49	W incentive 2020	2,209,272	71,428	2,137,844		8,724,403	287,538	8,436,865		12,803,593	408,772	12,394,821	
50	W / O incentive 2021	2,137,844	71,428	2,066,416		8,436,865	287,538	8,149,327		12,394,821	408,772	11,986,049	
51	W incentive 2021	2,137,844	71,428	2,066,416		8,436,865	287,538	8,149,327		12,394,821	408,772	11,986,049	
52	W / O incentive 2022	2,066,416	71,428	1,994,987	285,868	8,149,327	287,538	7,861,788	1,132,993	11,986,049	408,772	11,577,277	1,653,015
53	W incentive 2022	2,066,416	71,428	1,994,987	303,546	8,149,327	287,538	7,861,788	1,202,607	11,986,049	408,772	11,577,277	1,755,465
A	Proj Rev Req w/o Incentive PCY*				267,981				1,063,659				1,546,998
B	Proj Rev Req w/ Incentive PCY*				281,595				1,117,374				1,625,876
C	Actual Rev Req w/o Incentive PCY*				293,373				1,163,718				1,695,294
D	Actual Rev Req w/ Incentive PCY*				311,944				1,237,031				1,802,941
E	TUA w/o Int w/ Incentive PCY (C-A)				25,392				100,060				148,296
F	TUA w/o Int w/ Incentive PCY (B-D)				30,349				119,656				177,065
G	Future Value Factor (1+i)^24 mo (ATT6)				1,07874				1,07874				1,07874
H	True-Up Adjustment w/o Incentive (E*G)				27,392				107,939				159,973
I	True-Up Adjustment w/ Incentive (F*G)				32,739				129,078				191,007
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					313,279	1,240,932					1,812,989		
W incentive					336,284	1,331,685					1,946,472		

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages													
		Project N				Project O				Project P			
		No 40	Carson Bank # 1 transformer replacement			No 40	Lexington Bank # 1 transformer replacement			No 40	Dooms Bank # 7 transformer replacement		
		10.5608%				10.5608%				10.5608%			
		1.5				1.5				1.5			
		11.4304%				11.4304%				11.4304%			
		18,431,682				9,761,643				18,889,751			
		460,792				244,041				472,244			
		5				12				8			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009											
27	W incentive	2009											
28	W / O incentive	2010	18,431,682	225,878	18,205,804								
29	W incentive	2010	18,431,682	225,878	18,205,804								
30	W / O incentive	2011	18,205,804	361,406	17,844,398	9,761,643	7,975	9,753,668		18,889,751	138,895	18,750,856	
31	W incentive	2011	18,205,804	361,406	17,844,398	9,761,643	7,975	9,753,668		18,889,751	138,895	18,750,856	
32	W / O incentive	2012	17,844,398	361,406	17,482,992	9,753,668	191,405	9,562,263		18,750,856	370,387	18,380,468	
33	W incentive	2012	17,844,398	361,406	17,482,992	9,753,668	191,405	9,562,263		18,750,856	370,387	18,380,468	
34	W / O incentive	2013	17,482,992	411,834	17,071,158	9,562,263	218,112	9,344,151		18,380,468	422,069	17,958,399	
35	W incentive	2013	17,482,992	411,834	17,071,158	9,562,263	218,112	9,344,151		18,380,468	422,069	17,958,399	
36	W / O incentive	2014	17,071,158	428,644	16,642,515	9,344,151	227,015	9,117,136		17,958,399	439,297	17,519,103	
37	W incentive	2014	17,071,158	428,644	16,642,515	9,344,151	227,015	9,117,136		17,958,399	439,297	17,519,103	
38	W / O incentive	2015	16,642,515	428,644	16,213,871	9,117,136	227,015	8,890,121		17,519,103	439,297	17,079,806	
39	W incentive	2015	16,642,515	428,644	16,213,871	9,117,136	227,015	8,890,121		17,519,103	439,297	17,079,806	
40	W / O incentive	2016	16,213,871	428,644	15,785,227	8,890,121	227,015	8,663,106		17,079,806	439,297	16,640,510	
41	W incentive	2016	16,213,871	428,644	15,785,227	8,890,121	227,015	8,663,106		17,079,806	439,297	16,640,510	
42	W / O incentive	2017	15,785,227	460,792	15,324,435	8,663,106	244,041	8,419,065		16,640,510	472,244	16,168,266	
43	W incentive	2017	15,785,227	460,792	15,324,435	8,663,106	244,041	8,419,065		16,640,510	472,244	16,168,266	
44	W / O incentive	2018	15,324,435	460,792	14,863,643	8,419,065	244,041	8,175,024		16,168,266	472,244	15,696,022	
45	W incentive	2018	15,324,435	460,792	14,863,643	8,419,065	244,041	8,175,024		16,168,266	472,244	15,696,022	
46	W / O incentive	2019	14,863,643	460,792	14,402,851	8,175,024	244,041	7,930,983		15,696,022	472,244	15,223,778	
47	W incentive	2019	14,863,643	460,792	14,402,851	8,175,024	244,041	7,930,983		15,696,022	472,244	15,223,778	
48	W / O incentive	2020	14,402,851	460,792	13,942,059	7,930,983	244,041	7,686,941		15,223,778	472,244	14,751,535	
49	W incentive	2020	14,402,851	460,792	13,942,059	7,930,983	244,041	7,686,941		15,223,778	472,244	14,751,535	
50	W / O incentive	2021	13,942,059	460,792	13,481,267	7,686,941	244,041	7,442,900		14,751,535	472,244	14,279,291	
51	W incentive	2021	13,942,059	460,792	13,481,267	7,686,941	244,041	7,442,900		14,751,535	472,244	14,279,291	
52	W / O incentive	2022	13,481,267	460,792	13,020,475	7,442,900	244,041	7,198,859	1,017,188	14,279,291	472,244	13,807,047	1,955,321
53	W incentive	2022	13,481,267	460,792	13,020,475	7,442,900	244,041	7,198,859	1,080,848	14,279,291	472,244	13,807,047	2,077,436
A Proj Rev Req w/o Incentive PCY*					1,627,811				949,785				
B Proj Rev Req w/ Incentive PCY*					1,708,713				998,763				
C Actual Rev Req w/o Incentive PCY*					1,907,960				1,041,425				
D Actual Rev Req w/ Incentive PCY*					2,029,049				1,108,144				
E TUA w/o Int w/ Incentive PCY (C-A)					280,149				91,640				
F TUA w/ Int w/ Incentive PCY (B-D)					320,335				109,381				
G Future Value Factor (1+) ²⁴ mo (ATT6)					1,07874				1,07874				
H True-Up Adjustment w/o Incentive (E*G)					302,208				98,855				
I True-Up Adjustment w/ Incentive (F*G)					345,559				117,994				
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					2,162,405				1,116,043				
W incentive					2,320,981				1,198,842				

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages														
		Project Q				Project R-1				Project R-2				
		No 40	Valley Bank # 1 transformer replacement			No 40	s0124 Garrisonville 230 kV UG line Phase 1			No 40	s0124 Garrisonville 230 kV UG line Phase 2			
		10.5608%	1.5			10.5608%	11.2855%			10.5608%	11.2855%			
		11.4304%	12,056,414			91,286,357	2,282,159			32,204,664	805,117			
		301,410	12			6				6				
		19	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
10	Schedule 12 (Yes or No)													
11	Life													
12	FOR W/O incentive Line 3													
13	Incentive Factor (Basis Points /100)													
14	FOR W incentive L.13 +(L.14*L.5)													
15	Investment													
16	Annual Depreciation Exp													
17	In Service Month (1-12)													
18														
19	W / O incentive	2006												
20	W incentive	2006												
21	W / O incentive	2007												
22	W incentive	2007												
23	W / O incentive	2008												
24	W incentive	2008												
25	W / O incentive	2009												
26	W incentive	2009												
27	W / O incentive	2010	12,056,414	9,850	12,046,564		91,286,357	969,545	90,316,812					
28	W incentive	2010	12,056,414	9,850	12,046,564		91,286,357	969,545	90,316,812					
29	W / O incentive	2011	12,046,564	236,400	11,810,164		90,316,812	1,789,929	88,526,884		32,204,664	342,043	31,862,621	
30	W incentive	2011	12,046,564	236,400	11,810,164		90,316,812	1,789,929	88,526,884		32,204,664	342,043	31,862,621	
31	W / O incentive	2012	11,810,164	236,400	11,573,763		88,526,884	1,789,929	86,736,955		31,862,621	631,464	31,231,157	
32	W incentive	2012	11,810,164	236,400	11,573,763		88,526,884	1,789,929	86,736,955		31,862,621	631,464	31,231,157	
33	W / O incentive	2013	11,573,763	269,386	11,304,377		86,736,955	2,039,686	84,697,269		31,231,157	719,575	30,511,582	
34	W incentive	2013	11,573,763	269,386	11,304,377		86,736,955	2,039,686	84,697,269		31,231,157	719,575	30,511,582	
35	W / O incentive	2014	11,304,377	280,382	11,023,995		84,697,269	2,122,939	82,574,331		30,511,582	748,946	29,762,636	
36	W incentive	2014	11,304,377	280,382	11,023,995		84,697,269	2,122,939	82,574,331		30,511,582	748,946	29,762,636	
37	W / O incentive	2015	11,023,995	280,382	10,743,614		82,574,331	2,122,939	80,451,392		29,762,636	748,946	29,013,690	
38	W incentive	2015	11,023,995	280,382	10,743,614		82,574,331	2,122,939	80,451,392		29,762,636	748,946	29,013,690	
39	W / O incentive	2016	10,743,614	280,382	10,463,232		80,451,392	2,122,939	78,328,454		29,013,690	748,946	28,264,745	
40	W incentive	2016	10,743,614	280,382	10,463,232		80,451,392	2,122,939	78,328,454		29,013,690	748,946	28,264,745	
41	W / O incentive	2017	10,463,232	301,410	10,161,822		78,328,454	2,282,159	76,046,295		28,264,745	805,117	27,459,628	
42	W incentive	2017	10,463,232	301,410	10,161,822		78,328,454	2,282,159	76,046,295		28,264,745	805,117	27,459,628	
43	W / O incentive	2018	10,161,822	301,410	9,860,411		76,046,295	2,282,159	73,764,136		27,459,628	805,117	26,654,512	
44	W incentive	2018	10,161,822	301,410	9,860,411		76,046,295	2,282,159	73,764,136		27,459,628	805,117	26,654,512	
45	W / O incentive	2019	9,860,411	301,410	9,559,001		73,764,136	2,282,159	71,481,977		26,654,512	805,117	25,849,395	
46	W incentive	2019	9,860,411	301,410	9,559,001		73,764,136	2,282,159	71,481,977		26,654,512	805,117	25,849,395	
47	W / O incentive	2020	9,559,001	301,410	9,257,591		71,481,977	2,282,159	69,199,818		25,849,395	805,117	25,044,278	
48	W incentive	2020	9,559,001	301,410	9,257,591		71,481,977	2,282,159	69,199,818		25,849,395	805,117	25,044,278	
49	W / O incentive	2021	9,257,591	301,410	8,956,180		69,199,818	2,282,159	66,917,659		25,044,278	805,117	24,239,162	
50	W incentive	2021	9,257,591	301,410	8,956,180		69,199,818	2,282,159	66,917,659		25,044,278	805,117	24,239,162	
51	W / O incentive	2022	8,956,180	301,410	8,654,770	1,231,343	66,917,659	2,282,159	64,635,500	9,228,723	24,239,162	805,117	23,434,045	3,322,464
52	W incentive	2022	8,956,180	301,410	8,654,770	1,307,912	66,917,659	2,282,159	64,635,500	9,705,365	24,239,162	805,117	23,434,045	3,495,193
53														
A Proj Rev Req w/o Incentive PCY*						1,151,938				8,642,005				3,105,227
B Proj Rev Req w/ Incentive PCY*						1,210,908				9,009,281				3,238,186
C Actual Rev Req w/o Incentive PCY*						1,262,104				9,464,761				3,403,527
D Actual Rev Req w/ Incentive PCY*						1,342,488				9,965,584				3,584,707
E TUA w/o Int w/o Incentive PCY (C-A)						110,166				822,757				298,300
F TUA w/o Int w/ Incentive PCY (B-D)						131,580				956,303				346,521
G Future Value Factor (1+) ²⁴ mo (ATT6)						1,07874				1,07874				1,07874
H True-Up Adjustment w/o Incentive (E*G)						118,840				887,543				321,788
I True-Up Adjustment w/ Incentive (F*G)						141,941				1,031,604				373,807
TUA = True-Up Adjustment PCY = Previous Calendar Year														
W / O incentive						1,350,184				10,116,265				3,644,252
W incentive						1,449,853				10,736,969				3,869,000

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project R-3				Project S-1				Project S-2					
10		No	s0124			No	s0133			No	s0133				
11	Schedule 12 (Yes or No)	40	Garrisonville 230 kV UG line		40	Pleasant View Hamilton 230kV				40	Pleasant View Hamilton 230kV				
12	Life	1.25			1.25					1.25					
13	FOR W/O incentive Line 3	10.5608%	Phase 3		10.5608%	transmission line				10.5608%	transmission line				
14	Incentive Factor (Basis Points /100)	11.2855%			11.2855%					11.2855%					
15	FOR W incentive L.13 +(L.14*L.5)	13,426,813			84,131,836					1,301,988					
16	Investment	335,670			2,103,296					32,550					
17	Annual Depreciation Exp	2			10					2					
18	In Service Month (1-12)														
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req		
20	W / O incentive 2006														
21	W incentive 2006														
22	W / O incentive 2007														
23	W incentive 2007														
24	W / O incentive 2008														
25	W incentive 2008														
26	W / O incentive 2009														
27	W incentive 2009														
28	W / O incentive 2010					84,131,836	343,676	83,788,160							
29	W incentive 2010					84,131,836	343,676	83,788,160							
30	W / O incentive 2011					83,788,160	1,649,644	82,138,516		1,301,988	22,338	1,279,650			
31	W incentive 2011					83,788,160	1,649,644	82,138,516		1,301,988	22,338	1,279,650			
32	W / O incentive 2012	13,426,813	230,362	13,196,451		82,138,516	1,649,644	80,488,873		1,279,650	25,529	1,254,121			
33	W incentive 2012	13,426,813	230,362	13,196,451		82,138,516	1,649,644	80,488,873		1,279,650	25,529	1,254,121			
34	W / O incentive 2013	13,196,451	300,006	12,896,445		80,488,873	1,879,827	78,609,046		1,254,121	29,091	1,225,029			
35	W incentive 2013	13,196,451	300,006	12,896,445		80,488,873	1,879,827	78,609,046		1,254,121	29,091	1,225,029			
36	W / O incentive 2014	12,896,445	312,251	12,584,193		78,609,046	1,956,554	76,652,491		1,225,029	30,279	1,194,751			
37	W incentive 2014	12,896,445	312,251	12,584,193		78,609,046	1,956,554	76,652,491		1,225,029	30,279	1,194,751			
38	W / O incentive 2015	12,584,193	312,251	12,271,942		76,652,491	1,956,554	74,695,937		1,194,751	30,279	1,164,472			
39	W incentive 2015	12,584,193	312,251	12,271,942		76,652,491	1,956,554	74,695,937		1,194,751	30,279	1,164,472			
40	W / O incentive 2016	12,271,942	312,251	11,959,690		74,695,937	1,956,554	72,739,383		1,164,472	30,279	1,134,193			
41	W incentive 2016	12,271,942	312,251	11,959,690		74,695,937	1,956,554	72,739,383		1,164,472	30,279	1,134,193			
42	W / O incentive 2017	11,959,690	335,670	11,624,020		72,739,383	2,103,296	70,636,087		1,134,193	32,550	1,101,643			
43	W incentive 2017	11,959,690	335,670	11,624,020		72,739,383	2,103,296	70,636,087		1,134,193	32,550	1,101,643			
44	W / O incentive 2018	11,624,020	335,670	11,288,350		70,636,087	2,103,296	68,532,791		1,101,643	32,550	1,069,094			
45	W incentive 2018	11,624,020	335,670	11,288,350		70,636,087	2,103,296	68,532,791		1,101,643	32,550	1,069,094			
46	W / O incentive 2019	11,288,350	335,670	10,952,679		68,532,791	2,103,296	66,429,495		1,069,094	32,550	1,036,544			
47	W incentive 2019	11,288,350	335,670	10,952,679		68,532,791	2,103,296	66,429,495		1,069,094	32,550	1,036,544			
48	W / O incentive 2020	10,952,679	335,670	10,617,009		66,429,495	2,103,296	64,326,199		1,036,544	32,550	1,003,994			
49	W incentive 2020	10,952,679	335,670	10,617,009		66,429,495	2,103,296	64,326,199		1,036,544	32,550	1,003,994			
50	W / O incentive 2021	10,617,009	335,670	10,281,339		64,326,199	2,103,296	62,222,903		1,003,994	32,550	971,445			
51	W incentive 2021	10,617,009	335,670	10,281,339		64,326,199	2,103,296	62,222,903		1,003,994	32,550	971,445			
52	W / O incentive 2022	10,281,339	335,670	9,945,668	1,403,742	62,222,903	2,103,296	60,119,607	8,563,498	971,445	32,550	938,895	133,424		
53	W incentive 2022	10,281,339	335,670	9,945,668	1,477,028	62,222,903	2,103,296	60,119,607	9,006,769	971,445	32,550	938,895	140,345		
A Proj Rev Req w/o Incentive PCY*						1,310,318				8,013,866				124,779	
B Proj Rev Req w/ Incentive PCY*						1,366,693				8,355,310				130,109	
C Actual Rev Req w/o Incentive PCY*						1,436,925				8,779,115				136,731	
D Actual Rev Req w/ Incentive PCY*						1,513,713				9,244,601				143,995	
E TUA w/o Int w/o Incentive PCY (C-A)						126,607				765,248				11,951	
F TUA w/o Int w/ Incentive PCY (B-D)						147,020				899,291				13,886	
G Future Value Factor (1+) ²⁴ mo (ATT6)						1.07874				1.07874				1.07874	
H True-Up Adjustment w/o Incentive (E*G)						136,576				825,506				12,892	
I True-Up Adjustment w/ Incentive (F*G)						158,597				959,316				14,979	
TUA = True-Up Adjustment															
PCY = Previous Calendar Year															
W / O incentive						1,540,318				9,389,004				146,316	
W incentive						1,635,625				9,966,085				155,324	

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages														
Project T-1														
Project T-2														
Project U-1														
10 Schedule 12 (Yes or No) Yes b0768 b0768 b0453.1 12 Life 40 Glen Carlyn Line 251 GIB substation project 40 Glen Carlyn Line 251 GIB substation project 40 Convert Remington - Sowe 13 FOR W/O incentive Line 3 10.5608% 10.5608% 10.5608% 10.5608% 14 Incentive Factor (Basis Points /100) 1.25 Loop Line 251 Idylwood -- Arlington into the GIS sub 1.25 Loop Line 251 Idylwood -- Arlington into the GIS sub 1.25 15 FOR W incentive L.13 +(L.14*L.5) 11.2855% 11.2855% 11.2855% 11.2855% 16 Investment 205,578 23,483,583 1,472,605 17 Annual Depreciation Exp 5,139 587,090 36,815 18 In Service Month (1-12) 6 6 9														
	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req		
19														
20 W / O incentive	2006													
21 W incentive	2006													
22 W / O incentive	2007													
23 W incentive	2007													
24 W / O incentive	2008													
25 W incentive	2008													
26 W / O incentive	2009													
27 W incentive	2009													
28 W / O incentive	2010	205,578	2,183	203,395					1,472,605	8,422	1,464,183			
29 W incentive	2010	205,578	2,183	203,395					1,472,605	8,422	1,464,183			
30 W / O incentive	2011	203,395	4,031	199,364	23,483,583	249,417	23,234,166		1,464,183	28,875	1,435,309			
31 W incentive	2011	203,395	4,031	199,364	23,483,583	249,417	23,234,166		1,464,183	28,875	1,435,309			
32 W / O incentive	2012	199,364	4,031	195,333	23,234,166	460,462	22,773,703		1,435,309	28,875	1,406,434			
33 W incentive	2012	199,364	4,031	195,333	23,234,166	460,462	22,773,703		1,435,309	28,875	1,406,434			
34 W / O incentive	2013	195,333	4,593	190,739	22,773,703	524,713	22,248,990		1,406,434	32,904	1,373,530			
35 W incentive	2013	195,333	4,593	190,739	22,773,703	524,713	22,248,990		1,406,434	32,904	1,373,530			
36 W / O incentive	2014	190,739	4,781	185,958	22,248,990	546,130	21,702,861		1,373,530	34,247	1,339,284			
37 W incentive	2014	190,739	4,781	185,958	22,248,990	546,130	21,702,861		1,373,530	34,247	1,339,284			
38 W / O incentive	2015	185,958	4,781	181,178	21,702,861	546,130	21,156,731		1,339,284	34,247	1,305,037			
39 W incentive	2015	185,958	4,781	181,178	21,702,861	546,130	21,156,731		1,339,284	34,247	1,305,037			
40 W / O incentive	2016	181,178	4,781	176,397	21,156,731	546,130	20,610,601		1,305,037	34,247	1,270,791			
41 W incentive	2016	181,178	4,781	176,397	21,156,731	546,130	20,610,601		1,305,037	34,247	1,270,791			
42 W / O incentive	2017	176,397	5,139	171,257	20,610,601	587,090	20,023,511		1,270,791	36,815	1,233,975			
43 W incentive	2017	176,397	5,139	171,257	20,610,601	587,090	20,023,511		1,270,791	36,815	1,233,975			
44 W / O incentive	2018	171,257	5,139	166,118	20,023,511	587,090	19,436,422		1,233,975	36,815	1,197,160			
45 W incentive	2018	171,257	5,139	166,118	20,023,511	587,090	19,436,422		1,233,975	36,815	1,197,160			
46 W / O incentive	2019	166,118	5,139	160,978	19,436,422	587,090	18,849,332		1,197,160	36,815	1,160,345			
47 W incentive	2019	166,118	5,139	160,978	19,436,422	587,090	18,849,332		1,197,160	36,815	1,160,345			
48 W / O incentive	2020	160,978	5,139	155,839	18,849,332	587,090	18,262,243		1,160,345	36,815	1,123,530			
49 W incentive	2020	160,978	5,139	155,839	18,849,332	587,090	18,262,243		1,160,345	36,815	1,123,530			
50 W / O incentive	2021	155,839	5,139	150,699	18,262,243	587,090	17,675,153		1,123,530	36,815	1,086,715			
51 W incentive	2021	155,839	5,139	150,699	18,262,243	587,090	17,675,153		1,123,530	36,815	1,086,715			
52 W / O incentive	2022	150,699	5,139	145,560	17,675,153	587,090	17,088,064	2,422,735	1,086,715	36,815	1,049,900	149,637		
53 W incentive	2022	150,699	5,139	145,560	17,675,153	587,090	17,088,064	2,548,688	1,086,715	36,815	1,049,900	157,379		
A Proj Rev Req w/o Incentive PCY*				19,462				2,264,326					140,056	
B Proj Rev Req w/ Incentive PCY*				20,289				2,361,279					146,020	
C Actual Rev Req w/o Incentive PCY*				21,315				2,481,846					153,420	
D Actual Rev Req w/ Incentive PCY*				22,443				2,613,962					161,550	
E TUA w/o Int w/ Incentive PCY (C-A)				1,853				217,520					13,364	
F TUA w/o Int w/ Incentive PCY (B-D)				2,153				252,683					15,531	
G Future Value Factor (1+i)^24 mo (ATT6)				1,07874				1,07874					1,07874	
H True-Up Adjustment w/o Incentive (E*G)				1,999				234,648					14,416	
I True-Up Adjustment w/ Incentive (F*G)				2,323				272,579					16,754	
TUA = True-Up Adjustment PCY = Previous Calendar Year														
W / O incentive				22,782				2,657,382					164,054	
W incentive				24,180				2,821,268					174,133	

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages														
Project U-2														
Project V														
Project W														
b0453.2 Add Sowego - Gainsville 230 kV														
b0337 Build Lexington 230kV ring bus														
b0467.2 Reconductor the Dickerson - Pleasant View 230 kV circuit														
Line 3														
Line 13 + (L 14+L 5)														
Line 1-12														
Beginning Depreciation Ending Rev Req														
Beginning Depreciation Ending Rev Req														
Beginning Depreciation Ending Rev Req														
10	11 Schedule 12 (Yes or No)	Yes	b0453.2	Yes	b0337	Yes	b0467.2							
12	Life	40	Add Sowego - Gainsville 230 kV	40	Build Lexington 230kV ring bus	40	Reconductor the Dickerson - Pleasant View 230 kV circuit							
13	FOR W/O incentive	10.5608%		10.5608%		10.5608%								
14	Incentive Factor (Basis Points /100)	1.25		1.25		1.25								
15	FOR W incentive L 13 +(L 14+L 5)	11.2855%		11.2855%		11.2855%								
16	Investment	13,559,633		6,389,531		5,249,379								
17	Annual Depreciation Exp	338,991		159,738		131,234								
18	In Service Month (1-12)	5		3		6								
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
20	W / O incentive													
21	W incentive													
22	W / O incentive													
23	W incentive													
24	W / O incentive													
25	W incentive													
26	W / O incentive					6,389,531	99,184	6,290,347						
27	W incentive					6,389,531	99,184	6,290,347						
28	W / O incentive					6,290,347	125,285	6,165,062						
29	W incentive					6,290,347	125,285	6,165,062						
30	W / O incentive					6,165,062	125,285	6,039,777		5,249,379	55,753	5,193,626		
31	W incentive					6,165,062	125,285	6,039,777		5,249,379	55,753	5,193,626		
32	W / O incentive					6,039,777	125,285	5,914,492		5,193,626	102,929	5,090,697		
33	W incentive					6,039,777	125,285	5,914,492		5,193,626	102,929	5,090,697		
34	W / O incentive					5,914,492	142,767	5,771,726		5,090,697	117,291	4,973,406		
35	W incentive					5,914,492	142,767	5,771,726		5,090,697	117,291	4,973,406		
36	W / O incentive					5,771,726	148,594	5,623,132		4,973,406	122,079	4,851,327		
37	W incentive					5,771,726	148,594	5,623,132		4,973,406	122,079	4,851,327		
38	W / O incentive					5,623,132	148,594	5,474,538		4,851,327	122,079	4,729,248		
39	W incentive					5,623,132	148,594	5,474,538		4,851,327	122,079	4,729,248		
40	W / O incentive					5,474,538	148,594	5,325,945		4,729,248	122,079	4,607,170		
41	W incentive					5,474,538	148,594	5,325,945		4,729,248	122,079	4,607,170		
42	W / O incentive					5,325,945	159,738	5,166,206		4,607,170	131,234	4,475,935		
43	W incentive					5,325,945	159,738	5,166,206		4,607,170	131,234	4,475,935		
44	W / O incentive					5,166,206	159,738	5,006,468		4,475,935	131,234	4,344,701		
45	W incentive					5,166,206	159,738	5,006,468		4,475,935	131,234	4,344,701		
46	W / O incentive					5,006,468	159,738	4,846,730		4,344,701	131,234	4,213,466		
47	W incentive					5,006,468	159,738	4,846,730		4,344,701	131,234	4,213,466		
48	W / O incentive					4,846,730	159,738	4,686,991		4,213,466	131,234	4,082,232		
49	W incentive					4,846,730	159,738	4,686,991		4,213,466	131,234	4,082,232		
50	W / O incentive					4,686,991	159,738	4,527,253		4,082,232	131,234	3,950,997		
51	W incentive					4,686,991	159,738	4,527,253		4,082,232	131,234	3,950,997		
52	W / O incentive					4,527,253	159,738	4,367,515	629,420	3,950,997	131,234	3,819,763	541,564	
53	W incentive					4,527,253	159,738	4,367,515	661,647	3,950,997	131,234	3,819,763	569,718	
A Proj Rev Req w/o Incentive PCY*														
B Proj Rev Req w/ Incentive PCY*														
C Actual Rev Req w/o Incentive PCY*														
D Actual Rev Req w/ Incentive PCY*														
E TUA w/o Int w/ Incentive PCY (C-A)														
F TUA w/ Int w/ Incentive PCY (B-D)														
G Future Value Factor (1+) ²⁴ mo (ATT6)														
H True-Up Adjustment w/o Incentive (E'G)														
I True-Up Adjustment w/ Incentive (F'G)														
TUA = True-Up Adjustment														
PCY = Previous Calendar Year														
W / O incentive														
W incentive														

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages													
		Project X				Project AA - 1				Project AA - 1B			
		Yes	b0311			Yes	b0231			Yes	b0231		
		40	Reconductor Idylwood to Arlington			40	Install 500 kV breakers and			40	Install 500 kV breakers and		
		10.5608%	230 kV			10.5608%	500 kV bus work at Suffolk			10.5608%	500 kV bus work at Suffolk - Replacement of bushings		
		11.2855%				10.5608%				0			
		3,196,608				21,905,733				832,048			
		79,915				547,643				20,801			
		8				11				11			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009	3,196,608	23,504	3,173,104	21,905,733	53,691	21,852,042					
27	W incentive	2009	3,196,608	23,504	3,173,104	21,905,733	53,691	21,852,042					
28	W / O incentive	2010	3,173,104	62,679	3,110,425	21,852,042	429,524	21,422,518					
29	W incentive	2010	3,173,104	62,679	3,110,425	21,852,042	429,524	21,422,518					
30	W / O incentive	2011	3,110,425	62,679	3,047,746	21,422,518	429,524	20,992,994					
31	W incentive	2011	3,110,425	62,679	3,047,746	21,422,518	429,524	20,992,994					
32	W / O incentive	2012	3,047,746	62,679	2,985,068	20,992,994	429,524	20,563,470					
33	W incentive	2012	3,047,746	62,679	2,985,068	20,992,994	429,524	20,563,470					
34	W / O incentive	2013	2,985,068	71,424	2,913,643	20,563,470	489,458	20,074,012					
35	W incentive	2013	2,985,068	71,424	2,913,643	20,563,470	489,458	20,074,012					
36	W / O incentive	2014	2,913,643	74,340	2,839,304	20,074,012	509,436	19,564,577					
37	W incentive	2014	2,913,643	74,340	2,839,304	20,074,012	509,436	19,564,577					
38	W / O incentive	2015	2,839,304	74,340	2,764,964	19,564,577	509,436	19,055,141					
39	W incentive	2015	2,839,304	74,340	2,764,964	19,564,577	509,436	19,055,141					
40	W / O incentive	2016	2,764,964	74,340	2,690,624	19,055,141	509,436	18,545,705					
41	W incentive	2016	2,764,964	74,340	2,690,624	19,055,141	509,436	18,545,705					
42	W / O incentive	2017	2,690,624	79,915	2,610,709	18,545,705	547,643	17,998,062		832,048	2,600	829,448	
43	W incentive	2017	2,690,624	79,915	2,610,709	18,545,705	547,643	17,998,062		832,048	2,600	829,448	
44	W / O incentive	2018	2,610,709	79,915	2,530,794	17,998,062	547,643	17,450,419		829,448	20,801	808,647	
45	W incentive	2018	2,610,709	79,915	2,530,794	17,998,062	547,643	17,450,419		829,448	20,801	808,647	
46	W / O incentive	2019	2,530,794	79,915	2,450,879	17,450,419	547,643	16,902,775		808,647	20,801	787,845	
47	W incentive	2019	2,530,794	79,915	2,450,879	17,450,419	547,643	16,902,775		808,647	20,801	787,845	
48	W / O incentive	2020	2,450,879	79,915	2,370,963	16,902,775	547,643	16,355,132		787,845	20,801	767,044	
49	W incentive	2020	2,450,879	79,915	2,370,963	16,902,775	547,643	16,355,132		787,845	20,801	767,044	
50	W / O incentive	2021	2,370,963	79,915	2,291,048	16,355,132	547,643	15,807,489		767,044	20,801	746,243	
51	W incentive	2021	2,370,963	79,915	2,291,048	16,355,132	547,643	15,807,489		767,044	20,801	746,243	
52	W / O incentive	2022	2,291,048	79,915	2,211,133	15,807,489	547,643	15,259,845	2,188,130	746,243	20,801	725,442	98,512
53	W incentive	2022	2,291,048	79,915	2,211,133	15,807,489	547,643	15,259,845	2,188,130	746,243	20,801	725,442	98,512
A Proj Rev Req w/o Incentive PCY*					297,955				2,050,552				220,742
B Proj Rev Req w/ Incentive PCY*					310,536				2,050,552				220,742
C Actual Rev Req w/o Incentive PCY*					326,098				2,245,648				100,187
D Actual Rev Req w/ Incentive PCY*					343,263				2,245,648				100,187
E TUA w/o Int w/o Incentive PCY (C-A)					28,143				195,096				(120,555)
F TUA w/o Int w/ Incentive PCY (B-D)					32,727				195,096				(120,555)
G Future Value Factor (1+i)^24 mo (ATT6)					1,07874				1,07874				1,07874
H True-Up Adjustment w/o Incentive (E*G)					30,359				210,458				(130,048)
I True-Up Adjustment w/ Incentive (F*G)					35,304				210,458				(130,048)
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					348,008				2,398,588				(31,535)
W incentive					369,266				2,398,588				(31,535)

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project AB-2				Project AC				Project AG			
10	11 Schedule 12 (Yes or No)	Yes	b0456	40	Yes	b0227	40	Yes	b0455	40	10.5608%	0	10.5608%
12 Life	13 FOR W/O incentive Line 3	10.5608%	Re-Conductor 9.4 miles of Edinburg - Mt. Jackson 115 kV	0	10.5608%	Install 500/230 kV transformer at Bristers; build new 230 kV Bristers- Gainesville circuit, upgrade two Loudoun - Brambleton circuits	0	10.5608%	Add 2nd Endless Caverns 230/115kV transformer	0	10.5608%	0	10.5608%
14 Incentive Factor (Basis Points /100)	15 FOR W incentive L.13 +(L.14*L.5)	0		0	0		0	0		0	0	0	0
16 Investment	17 Annual Depreciation Exp	4,847,602		21,117,166	21,117,166		21,117,166	3,424,618		3,424,618	3,424,618	3,424,618	3,424,618
18 In Service Month (1-12)		121,190		527,929	527,929		527,929	85,615		85,615	85,615	85,615	85,615
		11		6	6		6	5		5	5	5	5
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009	4,847,602	11,881	4,835,721	21,117,166	224,284	20,892,882		3,424,618	41,968	3,382,650	
27	W incentive	2009	4,847,602	11,881	4,835,721	21,117,166	224,284	20,892,882		3,424,618	41,968	3,382,650	
28	W / O incentive	2010	4,835,721	95,051	4,740,670	20,892,882	414,062	20,478,820		3,382,650	67,149	3,315,500	
29	W incentive	2010	4,835,721	95,051	4,740,670	20,892,882	414,062	20,478,820		3,382,650	67,149	3,315,500	
30	W / O incentive	2011	4,740,670	95,051	4,645,619	20,478,820	414,062	20,064,758		3,315,500	67,149	3,248,351	
31	W incentive	2011	4,740,670	95,051	4,645,619	20,478,820	414,062	20,064,758		3,315,500	67,149	3,248,351	
32	W / O incentive	2012	4,645,619	95,051	4,550,568	20,064,758	414,062	19,650,696		3,248,351	67,149	3,181,202	
33	W incentive	2012	4,645,619	95,051	4,550,568	20,064,758	414,062	19,650,696		3,248,351	67,149	3,181,202	
34	W / O incentive	2013	4,550,568	108,314	4,442,254	19,650,696	471,838	19,178,858		3,181,202	76,519	3,104,682	
35	W incentive	2013	4,550,568	108,314	4,442,254	19,650,696	471,838	19,178,858		3,181,202	76,519	3,104,682	
36	W / O incentive	2014	4,442,254	112,735	4,329,519	19,178,858	491,097	18,687,761		3,104,682	79,642	3,025,040	
37	W incentive	2014	4,442,254	112,735	4,329,519	19,178,858	491,097	18,687,761		3,104,682	79,642	3,025,040	
38	W / O incentive	2015	4,329,519	112,735	4,216,784	18,687,761	491,097	18,196,664		3,025,040	79,642	2,945,398	
39	W incentive	2015	4,329,519	112,735	4,216,784	18,687,761	491,097	18,196,664		3,025,040	79,642	2,945,398	
40	W / O incentive	2016	4,216,784	112,735	4,104,049	18,196,664	491,097	17,705,567		2,945,398	79,642	2,865,756	
41	W incentive	2016	4,216,784	112,735	4,104,049	18,196,664	491,097	17,705,567		2,945,398	79,642	2,865,756	
42	W / O incentive	2017	4,104,049	121,190	3,982,859	17,705,567	527,929	17,177,638		2,865,756	85,615	2,780,140	
43	W incentive	2017	4,104,049	121,190	3,982,859	17,705,567	527,929	17,177,638		2,865,756	85,615	2,780,140	
44	W / O incentive	2018	3,982,859	121,190	3,861,669	17,177,638	527,929	16,649,709		2,780,140	85,615	2,694,525	
45	W incentive	2018	3,982,859	121,190	3,861,669	17,177,638	527,929	16,649,709		2,780,140	85,615	2,694,525	
46	W / O incentive	2019	3,861,669	121,190	3,740,479	16,649,709	527,929	16,121,780		2,694,525	85,615	2,608,909	
47	W incentive	2019	3,861,669	121,190	3,740,479	16,649,709	527,929	16,121,780		2,694,525	85,615	2,608,909	
48	W / O incentive	2020	3,740,479	121,190	3,619,289	16,121,780	527,929	15,593,851		2,608,909	85,615	2,523,294	
49	W incentive	2020	3,740,479	121,190	3,619,289	16,121,780	527,929	15,593,851		2,608,909	85,615	2,523,294	
50	W / O incentive	2021	3,619,289	121,190	3,498,099	15,593,851	527,929	15,065,922		2,523,294	85,615	2,437,678	
51	W incentive	2021	3,619,289	121,190	3,498,099	15,593,851	527,929	15,065,922		2,523,294	85,615	2,437,678	
52	W / O incentive	2022	3,498,099	121,190	3,376,909	15,065,922	527,929	14,537,992	2,091,141	2,437,678	85,615	2,352,063	338,534
53	W incentive	2022	3,498,099	121,190	3,376,909	15,065,922	527,929	14,537,992	2,091,141	2,437,678	85,615	2,352,063	338,534
A Proj Rev Req w/o Incentive PCY*					454,976				1,962,158				317,708
B Proj Rev Req w/ Incentive PCY*					454,976				1,962,158				317,708
C Actual Rev Req w/o Incentive PCY*					496,948				2,147,192				347,643
D Actual Rev Req w/ Incentive PCY*					496,948				2,147,192				347,643
E TUA w/o Int w/ Incentive PCY (C-A)					41,972				185,033				29,936
F TUA w/o Int w/ Incentive PCY (B-D)					41,972				185,033				29,936
G Future Value Factor (1+)^24 mo (ATT6)					1,07874				1,07874				1,07874
H True-Up Adjustment w/o Incentive (E*G)					45,276				199,603				32,293
I True-Up Adjustment w/ Incentive (F*G)					45,276				199,603				32,293
TUA = True-Up Adjustment													
PCY = Previous Calendar Year													
W / O incentive					529,496				2,290,744				370,827
W incentive					529,496				2,290,744				370,827

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages													
		2009 Add-1				2009 Add-6				Project AJ			
		Yes	B0453.3			Yes	B0837			Yes	B0327		
		40	Add Sowego 230/115/ kV transformer			40	At Mt. Storm, replace the existing MOD on the 500 kV side of the transformer with a circuit breaker			40	Build 2nd Harrisonburg - Valley 230 kV		
11 Schedule 12 (Yes or No)		10.5608%				10.5608%				10.5608%			
12 Life		1.25				0				0			
13 FOR W/O incentive Line 3		11.2855%				10.5608%				10.5608%			
14 Incentive Factor (Basis Points /100)		3,355,513				779,172				6,179,070			
15 FOR W incentive L.13 +(L.14*L.5)		83,888				19,479				154,477			
16 Investment		9				6				7			
17 Annual Depreciation Exp													
18 In Service Month (1-12)													
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009	3,355,513	19,190	3,336,323	779,172	8,276	770,896					
27	W incentive	2009	3,355,513	19,190	3,336,323	779,172	8,276	770,896					
28	W / O incentive	2010	3,336,323	65,794	3,270,529	770,896	15,278	755,619		6,179,070	55,531	6,123,539	
29	W incentive	2010	3,336,323	65,794	3,270,529	770,896	15,278	755,619		6,179,070	55,531	6,123,539	
30	W / O incentive	2011	3,270,529	65,794	3,204,734	755,619	15,278	740,341		6,123,539	121,158	6,002,381	
31	W incentive	2011	3,270,529	65,794	3,204,734	755,619	15,278	740,341		6,123,539	121,158	6,002,381	
32	W / O incentive	2012	3,204,734	65,794	3,138,940	740,341	15,278	725,063		6,002,381	121,158	5,881,222	
33	W incentive	2012	3,204,734	65,794	3,138,940	740,341	15,278	725,063		6,002,381	121,158	5,881,222	
34	W / O incentive	2013	3,138,940	74,975	3,063,965	725,063	17,410	707,653		5,881,222	138,064	5,743,158	
35	W incentive	2013	3,138,940	74,975	3,063,965	725,063	17,410	707,653		5,881,222	138,064	5,743,158	
36	W / O incentive	2014	3,063,965	78,035	2,985,930	707,653	18,120	689,533		5,743,158	143,699	5,599,459	
37	W incentive	2014	3,063,965	78,035	2,985,930	707,653	18,120	689,533		5,743,158	143,699	5,599,459	
38	W / O incentive	2015	2,985,930	78,035	2,907,895	689,533	18,120	671,413		5,599,459	143,699	5,455,760	
39	W incentive	2015	2,985,930	78,035	2,907,895	689,533	18,120	671,413		5,599,459	143,699	5,455,760	
40	W / O incentive	2016	2,907,895	78,035	2,829,859	671,413	18,120	653,292		5,455,760	143,699	5,312,060	
41	W incentive	2016	2,907,895	78,035	2,829,859	671,413	18,120	653,292		5,455,760	143,699	5,312,060	
42	W / O incentive	2017	2,829,859	83,888	2,745,971	653,292	19,479	633,813		5,312,060	154,477	5,157,584	
43	W incentive	2017	2,829,859	83,888	2,745,971	653,292	19,479	633,813		5,312,060	154,477	5,157,584	
44	W / O incentive	2018	2,745,971	83,888	2,662,084	633,813	19,479	614,334		5,157,584	154,477	5,003,107	
45	W incentive	2018	2,745,971	83,888	2,662,084	633,813	19,479	614,334		5,157,584	154,477	5,003,107	
46	W / O incentive	2019	2,662,084	83,888	2,578,196	614,334	19,479	594,854		5,003,107	154,477	4,848,630	
47	W incentive	2019	2,662,084	83,888	2,578,196	614,334	19,479	594,854		5,003,107	154,477	4,848,630	
48	W / O incentive	2020	2,578,196	83,888	2,494,308	594,854	19,479	575,375		4,848,630	154,477	4,694,153	
49	W incentive	2020	2,578,196	83,888	2,494,308	594,854	19,479	575,375		4,848,630	154,477	4,694,153	
50	W / O incentive	2021	2,494,308	83,888	2,410,420	575,375	19,479	555,896		4,694,153	154,477	4,539,677	
51	W incentive	2021	2,494,308	83,888	2,410,420	575,375	19,479	555,896		4,694,153	154,477	4,539,677	
52	W / O incentive	2022	2,410,420	83,888	2,326,532	555,896	19,479	536,417	77,158	4,539,677	154,477	4,385,200	625,748
53	W incentive	2022	2,410,420	83,888	2,326,532	555,896	19,479	536,417	77,158	4,539,677	154,477	4,385,200	625,748
A Proj Rev Req w/o Incentive PCY*					313,256				72,399				588,937
B Proj Rev Req w/ Incentive PCY*					326,492				72,399				588,937
C Actual Rev Req w/o Incentive PCY*					342,868				79,226				641,690
D Actual Rev Req w/ Incentive PCY*					360,926				79,226				641,690
E TUA w/o Int w/ Incentive PCY (C-A)					29,612				6,827				52,753
F TUA w/o Int w/ Incentive PCY (B-D)					34,434				6,827				52,753
G Future Value Factor (1+i)^24 mo (ATT6)					1,07874				1,07874				1,07874
H True-Up Adjustment w/o Incentive (E*G)					31,943				7,365				56,907
I True-Up Adjustment w/ Incentive (F*G)					37,145				7,365				56,907
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					365,962				84,523				682,655
W incentive					388,327				84,523				682,655

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project AK-1				Project AK-2				Project AK-3					
10	11 Schedule 12 (Yes or No)	Yes	B1507	40	Rebuild Mt Storm - Doubs 500 kV	Yes	B1507	40	Rebuild Mt Storm - Doubs 500 kV	Yes	B1507	40	Rebuild Mt. Storm-Doubs 500 kV		
12	Life	10.5608%	0	10.5608%	0	10.5608%	0	10.5608%	0	10.5608%	0	10.5608%	0		
13	FOR W/O incentive Line 3	0		0		0		0		0		0			
14	Incentive Factor (Basis Points /100)	10.5608%		10.5608%		10.5608%		10.5608%		10.5608%		10.5608%			
15	FOR W incentive L.13 +(L.14*L.5)	23,947,642		21,791,010		120,381,556		3,009,539		120,381,556		3,009,539			
16	Investment	598,691		544,775		544,775		5		544,775		5			
17	Annual Depreciation Exp														
18	In Service Month (1-12)	12		5		5		5		5		5			
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req		
20	W / O incentive 2006														
21	W incentive 2006														
22	W / O incentive 2007														
23	W incentive 2007														
24	W / O incentive 2008														
25	W incentive 2008														
26	W / O incentive 2009														
27	W incentive 2009														
28	W / O incentive 2010														
29	W incentive 2010														
30	W / O incentive 2011	23,947,642	19,565	23,928,077											
31	W incentive 2011	23,947,642	19,565	23,928,077											
32	W / O incentive 2012	23,928,077	469,562	23,458,515											
33	W incentive 2012	23,928,077	469,562	23,458,515	21,791,010	267,047	21,523,963								
34	W / O incentive 2013	23,458,515	535,082	22,923,433	21,523,963	488,894	21,037,069			120,381,556	1,749,732	118,631,824			
35	W incentive 2013	23,458,515	535,082	22,923,433	21,523,963	488,894	21,037,069			120,381,556	1,749,732	118,631,824			
36	W / O incentive 2014	22,923,433	556,922	22,366,512	21,037,069	506,768	20,530,301			118,631,824	2,799,571	115,832,253			
37	W incentive 2014	22,923,433	556,922	22,366,512	21,037,069	506,768	20,530,301			118,631,824	2,799,571	115,832,253			
38	W / O incentive 2015	22,366,512	556,922	21,809,590	20,530,301	506,768	20,023,534			115,832,253	2,799,571	113,032,682			
39	W incentive 2015	22,366,512	556,922	21,809,590	20,530,301	506,768	20,023,534			115,832,253	2,799,571	113,032,682			
40	W / O incentive 2016	21,809,590	556,922	21,252,668	20,023,534	506,768	19,516,766			113,032,682	2,799,571	110,233,111			
41	W incentive 2016	21,809,590	556,922	21,252,668	20,023,534	506,768	19,516,766			113,032,682	2,799,571	110,233,111			
42	W / O incentive 2017	21,252,668	598,691	20,653,977	19,516,766	544,775	18,971,991			110,233,111	3,009,539	107,223,572			
43	W incentive 2017	21,252,668	598,691	20,653,977	19,516,766	544,775	18,971,991			110,233,111	3,009,539	107,223,572			
44	W / O incentive 2018	20,653,977	598,691	20,055,286	18,971,991	544,775	18,427,215			107,223,572	3,009,539	104,214,033			
45	W incentive 2018	20,653,977	598,691	20,055,286	18,971,991	544,775	18,427,215			107,223,572	3,009,539	104,214,033			
46	W / O incentive 2019	20,055,286	598,691	19,456,595	18,427,215	544,775	17,882,440			104,214,033	3,009,539	101,204,494			
47	W incentive 2019	20,055,286	598,691	19,456,595	18,427,215	544,775	17,882,440			104,214,033	3,009,539	101,204,494			
48	W / O incentive 2020	19,456,595	598,691	18,857,904	17,882,440	544,775	17,337,665			101,204,494	3,009,539	98,194,955			
49	W incentive 2020	19,456,595	598,691	18,857,904	17,882,440	544,775	17,337,665			101,204,494	3,009,539	98,194,955			
50	W / O incentive 2021	18,857,904	598,691	18,259,213	17,337,665	544,775	16,792,890			98,194,955	3,009,539	95,185,416			
51	W incentive 2021	18,857,904	598,691	18,259,213	17,337,665	544,775	16,792,890			98,194,955	3,009,539	95,185,416			
52	W / O incentive 2022	18,259,213	598,691	17,660,521	2,495,405	16,792,890	544,775	16,248,114	2,289,480	95,185,416	3,009,539	92,175,877	12,903,008		
53	W incentive 2022	18,259,213	598,691	17,660,521	2,495,405	16,792,890	544,775	16,248,114	2,289,480	95,185,416	3,009,539	92,175,877	12,903,008		
A Proj Rev Req w/o Incentive PCY*						2,330,049				2,136,121				12,016,532	
B Proj Rev Req w/ Incentive PCY*						2,330,049				2,136,121				12,016,532	
C Actual Rev Req w/o Incentive PCY*						2,554,863				2,342,961				13,190,010	
D Actual Rev Req w/ Incentive PCY*						2,554,863				2,342,961				13,190,010	
E TUA w/o Int w/ Incentive PCY (C-A)						224,814				206,840				1,173,478	
F TUA w/o Int w/ Incentive PCY (B-D)						224,814				206,840				1,173,478	
G Future Value Factor (1+) ⁿ 24 mo (ATT6)						1.07874				1.07874				1.07874	
H True-Up Adjustment w/o Incentive (E*G)						242,516				223,127				1,265,880	
I True-Up Adjustment w/ Incentive (F*G)						242,516				223,127				1,265,880	
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O incentive						2,737,921				2,512,607				14,168,888	
W incentive						2,737,921				2,512,607				14,168,888	

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages														
Project AK-4														
Project AK-5														
Project AK-6														
Line Number	Yes	B1507 Rebuild Mt. Storm-Doubs 500 kV			Yes	B1507 Rebuild Mt. Storm-Doubs 500 kV			Yes	B1507 Rebuild Mt. Storm-Doubs 500 kV				
10	40				40				40					
11	10.5608%				10.5608%				10.5608%					
12	0				0				0					
13	10.5608%				10.5608%				10.5608%					
14	150,057,664				15,370,002				515,816					
15	3,751,442				384,250				12,895					
16	5				5				6					
17														
18														
19														
20														
21														
22														
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29														
30														
31														
32														
33														
34														
35														
36	150,057,664	2,181,071	147,876,593											
37	150,057,664	2,181,071	147,876,593											
38	147,876,593	3,489,713	144,386,880		15,370,002	223,401	15,146,601							
39	147,876,593	3,489,713	144,386,880		15,370,002	223,401	15,146,601							
40	144,386,880	3,489,713	140,897,167		15,146,601	357,442	14,789,159		515,816	6,498	509,318			
41	144,386,880	3,489,713	140,897,167		15,146,601	357,442	14,789,159		515,816	6,498	509,318			
42	140,897,167	3,751,442	137,145,725		14,789,159	384,250	14,404,909		509,318	12,895	496,423			
43	140,897,167	3,751,442	137,145,725		14,789,159	384,250	14,404,909		509,318	12,895	496,423			
44	137,145,725	3,751,442	133,394,284		14,404,909	384,250	14,020,659		496,423	12,895	483,528			
45	137,145,725	3,751,442	133,394,284		14,404,909	384,250	14,020,659		496,423	12,895	483,528			
46	133,394,284	3,751,442	129,642,842		14,020,659	384,250	13,636,409		483,528	12,895	470,632			
47	133,394,284	3,751,442	129,642,842		14,020,659	384,250	13,636,409		483,528	12,895	470,632			
48	129,642,842	3,751,442	125,891,401		13,636,409	384,250	13,252,159		470,632	12,895	457,737			
49	129,642,842	3,751,442	125,891,401		13,636,409	384,250	13,252,159		470,632	12,895	457,737			
50	125,891,401	3,751,442	122,139,959		13,252,159	384,250	12,867,909		457,737	12,895	444,841			
51	125,891,401	3,751,442	122,139,959		13,252,159	384,250	12,867,909		457,737	12,895	444,841			
52	122,139,959	3,751,442	118,388,517	16,452,363	12,867,909	384,250	12,483,659	1,722,920	444,841	12,895	431,946	59,193		
53	122,139,959	3,751,442	118,388,517	16,452,363	12,867,909	384,250	12,483,659	1,722,920	444,841	12,895	431,946	59,193		
A				15,290,628				1,698,280				54,794		
B				15,290,628				1,698,280				54,794		
C				16,797,912				1,757,064				60,294		
D				16,797,912				1,757,064				60,294		
E				1,507,284				58,784				5,500		
F				1,507,284				58,784				5,500		
G				1,07874				1,07874				1,07874		
H				1,625,971				63,413				5,933		
I				1,625,971				63,413				5,933		
TUA = True-Up Adjustment PCY = Previous Calendar Year														
W / O incentive														
W incentive														
				18,078,335					1,786,333					65,127
				18,078,335					1,786,333					65,127

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project AL				Project AM				Project AO-1			
10	11 Schedule 12 (Yes or No)	Yes	B0457	Yes	B0784	Yes	B1224	Yes	B1224	Yes	B1224	Yes	B1224
12 Life		40	Replace both wave traps on	40	Replace wave traps on North Anna to	40	Install 2nd Clover 500/230	40	Install 2nd Clover 500/230	40	Install 2nd Clover 500/230	40	Install 2nd Clover 500/230
13 FOR W/O incentive	Line 3	10.5608%	Dooms - Lexington 500 kV	10.5608%	Ladysmith 500 kV	10.5608%	Ladysmith 500 kV	10.5608%	Ladysmith 500 kV	10.5608%	Ladysmith 500 kV	10.5608%	Ladysmith 500 kV
14 Incentive Factor (Basis Points /100)		0		0		0		0		0		0	
15 FOR W incentive L.13 +(L.14*L.5)		10.5608%		10.5608%		10.5608%		10.5608%		10.5608%		10.5608%	
16 Investment		108,763		75,695		75,695		13,419,133		13,419,133		13,419,133	
17 Annual Depreciation Exp		2,719		1,892		1,892		335,478		335,478		335,478	
18 In Service Month (1-12)		12		10		10		4		4		4	
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive												
21	W incentive												
22	W / O incentive												
23	W incentive												
24	W / O incentive												
25	W incentive												
26	W / O incentive												
27	W incentive												
28	W / O incentive												
29	W incentive												
30	W / O incentive												
31	W incentive	108,763	89	108,674		75,695	309	75,386					
32	W / O incentive	108,763	89	108,674		75,695	309	75,386					
33	W incentive	108,674	2,133	106,542		75,386	1,484	73,902					
34	W / O incentive	108,674	2,133	106,542		75,386	1,484	73,902					
35	W incentive	106,542	2,430	104,111		73,902	1,691	72,210					
36	W / O incentive	106,542	2,430	104,111		73,902	1,691	72,210					
37	W incentive	104,111	2,529	101,582		72,210	1,760	70,450		13,419,133	221,052	13,198,081	
38	W / O incentive	104,111	2,529	101,582		72,210	1,760	70,450		13,419,133	221,052	13,198,081	
39	W incentive	101,582	2,529	99,053		70,450	1,760	68,690		13,198,081	312,073	12,886,009	
40	W / O incentive	101,582	2,529	99,053		70,450	1,760	68,690		13,198,081	312,073	12,886,009	
41	W incentive	99,053	2,529	96,523		68,690	1,760	66,929		12,886,009	312,073	12,573,936	
42	W / O incentive	99,053	2,529	96,523		68,690	1,760	66,929		12,886,009	312,073	12,573,936	
43	W incentive	96,523	2,719	93,804		66,929	1,892	65,037		12,573,936	312,073	12,261,863	
44	W / O incentive	96,523	2,719	93,804		66,929	1,892	65,037		12,573,936	312,073	12,261,863	
45	W incentive	93,804	2,719	91,085		65,037	1,892	63,144		12,261,863	335,478	11,926,384	
46	W / O incentive	93,804	2,719	91,085		65,037	1,892	63,144		11,926,384	335,478	11,590,906	
47	W incentive	91,085	2,719	88,366		63,144	1,892	61,252		11,590,906	335,478	11,255,428	
48	W / O incentive	91,085	2,719	88,366		63,144	1,892	61,252		11,590,906	335,478	11,255,428	
49	W incentive	88,366	2,719	85,647		61,252	1,892	59,360		11,255,428	335,478	10,919,950	
50	W / O incentive	88,366	2,719	85,647		61,252	1,892	59,360		11,255,428	335,478	10,919,950	
51	W incentive	85,647	2,719	82,928		59,360	1,892	57,467		10,919,950	335,478	10,584,471	
52	W / O incentive	85,647	2,719	82,928		59,360	1,892	57,467		10,919,950	335,478	10,584,471	
53	W incentive	82,928	2,719	80,209	11,333	57,467	1,892	55,575	7,861	10,584,471	335,478	10,248,993	1,435,573
		82,928	2,719	80,209	11,333	57,467	1,892	55,575	7,861	10,584,471	335,478	10,248,993	1,435,573
A Proj Rev Req w/o Incentive PCY*					10,582				7,343				1,411,055
B Proj Rev Req w/ Incentive PCY*					10,582				7,343				1,411,055
C Actual Rev Req w/o Incentive PCY*					11,603				8,050				1,467,657
D Actual Rev Req w/ Incentive PCY*					11,603				8,050				1,467,657
E TUA w/o Int w/ Incentive PCY (C-A)					1,021				707				56,602
F TUA w/ Int w/ Incentive PCY (B-D)					1,021				707				56,602
G Future Value Factor (1+) ²⁴ mo (ATT6)					1,07874				1,07874				1,07874
H True-Up Adjustment w/o Incentive (E*G)					1,101				763				61,059
I True-Up Adjustment w/ Incentive (F*G)					1,101				763				61,059
TUA = True-Up Adjustment													
PCY = Previous Calendar Year													
W / O incentive					12,435				8,625				1,496,633
W incentive					12,435				8,625				1,496,633

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project AO-2				Project AP-1				Project AP-2			
Line Number	(Yes or No)	Yes			Yes			Yes					
10													
11	Schedule 12	40	B1224		40	B1508.3		40	B1508.3				
12	Life	10.5608%	Install 2nd Clover 500/230 kV transformer and a 150 MVar capacitor		10.5608%	Upgrade a 115 kV shunt capacitor banks at Merck and Edinburg		10.5608%	Upgrade a 115 kV shunt capacitor banks at Merck and Edinburg				
13	FOR W/O incentive	0			0			0					
14	Incentive Factor (Basis Points /100)	10.5608%			10.5608%	Merck		10.5608%	Edinburg				
15	FOR W incentive L.13 +(L.14*L.5)	1,022,795			501,754			734,802					
16	Investment	25,570			12,544			18,370					
17	Annual Depreciation Exp	9			7			2					
18	In Service Month (1-12)												
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive												
21	W incentive												
22	W / O incentive												
23	W incentive												
24	W / O incentive												
25	W incentive												
26	W / O incentive												
27	W incentive												
28	W / O incentive												
29	W incentive												
30	W / O incentive												
31	W incentive												
32	W / O incentive					501,754	4,509	497,245		734,802	12,607	722,195	
33	W incentive					501,754	4,509	497,245		734,802	12,607	722,195	
34	W / O incentive					497,245	11,211	486,034		722,195	16,418	705,777	
35	W incentive					497,245	11,211	486,034		722,195	16,418	705,777	
36	W / O incentive					486,034	11,669	474,365		705,777	17,088	688,688	
37	W incentive					486,034	11,669	474,365		705,777	17,088	688,688	
38	W / O incentive					474,365	11,669	462,696		688,688	17,088	671,600	
39	W incentive					474,365	11,669	462,696		688,688	17,088	671,600	
40	W / O incentive					462,696	11,669	451,028		671,600	17,088	654,512	
41	W incentive					462,696	11,669	451,028		671,600	17,088	654,512	
42	W / O incentive					451,028	12,544	438,484		654,512	18,370	636,142	
43	W incentive					451,028	12,544	438,484		654,512	18,370	636,142	
44	W / O incentive					438,484	12,544	425,940		636,142	18,370	617,771	
45	W incentive					438,484	12,544	425,940		636,142	18,370	617,771	
46	W / O incentive					425,940	12,544	413,396		617,771	18,370	599,401	
47	W incentive					425,940	12,544	413,396		617,771	18,370	599,401	
48	W / O incentive	1,022,795	7,458	1,015,337		413,396	12,544	400,852		599,401	18,370	581,031	
49	W incentive	1,022,795	7,458	1,015,337		413,396	12,544	400,852		599,401	18,370	581,031	
50	W / O incentive	1,015,337	25,570	989,767		400,852	12,544	388,308		581,031	18,370	562,661	
51	W incentive	1,015,337	25,570	989,767		400,852	12,544	388,308		581,031	18,370	562,661	
52	W / O incentive	989,767	25,570	964,197	128,747	388,308	12,544	375,765	52,890	562,661	18,370	544,291	76,822
53	W incentive	989,767	25,570	964,197	128,747	388,308	12,544	375,765	52,890	562,661	18,370	544,291	76,822
A Proj Rev Req w/o Incentive PCY*									50,242				68,909
B Proj Rev Req w/ Incentive PCY*									50,242				68,909
C Actual Rev Req w/o Incentive PCY*					37,808				54,116				78,638
D Actual Rev Req w/ Incentive PCY*					37,808				54,116				78,638
E TUA w/o Int w/o Incentive PCY (C-A)									3,874				9,729
F TUA w/o Int w/ Incentive PCY (B-D)									3,874				9,729
G Future Value Factor (1+i)^24 mo (ATT6)					1,07874				1,07874				1,07874
H True-Up Adjustment w/o Incentive (E*G)					40,785				4,179				10,495
I True-Up Adjustment w/ Incentive (F*G)					40,785				4,179				10,495
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					169,533				57,069				87,316
W incentive					169,533				57,069				87,316

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project AQ				Project AR				Project AS			
10	11 Schedule 12 (Yes or No)	Yes	B1647	Yes	B1648	Yes	B1649	Yes	B1649	Yes	B1649	Yes	B1649
12 Life		40	Upgrade the name plate rating at Morrisville 500 kV breaker 'H11573' with 50kA breaker	40	Upgrade the name plate rating at Morrisville 500 kV breaker 'H21545' with 50kA breaker	40	Replace Morrisville 500 kV breaker 'H11580' with 50kA breaker	40	Replace Morrisville 500 kV breaker 'H11580' with 50kA breaker	40	Replace Morrisville 500 kV breaker 'H11580' with 50kA breaker	40	Replace Morrisville 500 kV breaker 'H11580' with 50kA breaker
13 FCR W/O incentive	Line 3	10.5608%		10.5608%		10.5608%		10.5608%		10.5608%		10.5608%	
14 Incentive Factor (Basis Points /100)		0		0		0		0		0		0	
15 FCR W incentive L.13 +(L.14*L.5)		10.5608%		10.5608%		10.5608%		10.5608%		10.5608%		10.5608%	
16 Investment		16,278		16,278		858,877		858,877		858,877		858,877	
17 Annual Depreciation Exp		407		407		21,472		21,472		21,472		21,472	
18 In Service Month (1-12)		1		1		1		1		1		1	
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20 W / O incentive	2006												
21 W incentive	2006												
22 W / O incentive	2007												
23 W incentive	2007												
24 W / O incentive	2008												
25 W incentive	2008												
26 W / O incentive	2009												
27 W incentive	2009												
28 W / O incentive	2010												
29 W incentive	2010												
30 W / O incentive	2011												
31 W incentive	2011												
32 W / O incentive	2012												
33 W incentive	2012												
34 W / O incentive	2013	16,278	350	15,928	1,733	16,278	350	15,928	1,733	858,877	18,489	840,388	85,197
35 W incentive	2013	16,278	350	15,928	1,733	16,278	350	15,928	1,733	858,877	18,489	840,388	85,197
36 W / O incentive	2014	15,928	379	15,549	1,733	15,928	379	15,549	1,733	840,388	19,974	820,414	83,493
37 W incentive	2014	15,928	379	15,549	1,733	15,928	379	15,549	1,733	840,388	19,974	820,414	83,493
38 W / O incentive	2015	15,549	379	15,170	1,733	15,549	379	15,170	1,733	820,414	19,974	800,440	81,798
39 W incentive	2015	15,549	379	15,170	1,733	15,549	379	15,170	1,733	820,414	19,974	800,440	81,798
40 W / O incentive	2016	15,170	379	14,792	1,733	15,170	379	14,792	1,733	800,440	19,974	780,466	79,103
41 W incentive	2016	15,170	379	14,792	1,733	15,170	379	14,792	1,733	800,440	19,974	780,466	79,103
42 W / O incentive	2017	14,792	407	14,385	1,733	14,792	407	14,385	1,733	780,466	21,472	758,995	77,408
43 W incentive	2017	14,792	407	14,385	1,733	14,792	407	14,385	1,733	780,466	21,472	758,995	77,408
44 W / O incentive	2018	14,385	407	13,978	1,733	14,385	407	13,978	1,733	758,995	21,472	737,523	75,713
45 W incentive	2018	14,385	407	13,978	1,733	14,385	407	13,978	1,733	758,995	21,472	737,523	75,713
46 W / O incentive	2019	13,978	407	13,571	1,733	13,978	407	13,571	1,733	737,523	21,472	716,051	74,018
47 W incentive	2019	13,978	407	13,571	1,733	13,978	407	13,571	1,733	737,523	21,472	716,051	74,018
48 W / O incentive	2020	13,571	407	13,164	1,733	13,571	407	13,164	1,733	716,051	21,472	694,579	72,323
49 W incentive	2020	13,571	407	13,164	1,733	13,571	407	13,164	1,733	716,051	21,472	694,579	72,323
50 W / O incentive	2021	13,164	407	12,757	1,733	13,164	407	12,757	1,733	694,579	21,472	673,107	70,628
51 W incentive	2021	13,164	407	12,757	1,733	13,164	407	12,757	1,733	694,579	21,472	673,107	70,628
52 W / O incentive	2022	12,757	407	12,350	1,733	12,757	407	12,350	1,733	673,107	21,472	651,635	68,933
53 W incentive	2022	12,757	407	12,350	1,733	12,757	407	12,350	1,733	673,107	21,472	651,635	68,933
A Proj Rev Req w/o Incentive PCY*					1,615				1,615				85,197
B Proj Rev Req w/ Incentive PCY*					1,615				1,615				85,197
C Actual Rev Req w/o Incentive PCY*					1,772				1,772				93,493
D Actual Rev Req w/ Incentive PCY*					1,772				1,772				93,493
E TUA w/o Int w/ Incentive PCY (C-A)					157				157				8,296
F TUA w/o Int w/ Incentive PCY (B-D)					157				157				8,296
G Future Value Factor (1+) ²⁴ mo (ATT6)					1,07874				1,07874				1,07874
H True-Up Adjustment w/o Incentive (E*G)					170				170				8,949
I True-Up Adjustment w/ Incentive (F*G)					170				170				8,949
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					1,902				1,902				100,373
W incentive					1,902				1,902				100,373

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project AT				Project AU-1				Project AU-2				
Line Number	(Yes or No)	Yes	B1650	40	Yes	B1188.6	40	Yes	B1188.6	40	10.5608%	0	10.5608%	0
11	Schedule 12	10.5608%	Replace Morrisville 500 kV breaker 'H21569' with 50kA breaker	0	10.5608%	Install one 500/230 kV transformer and two 230 kV breakers at Brambleton	0	10.5608%	Install one 500/230 kV transformer and two 230 kV breakers at Brambleton	0	10.5608%	0	10.5608%	0
14	Incentive Factor (Basis Points /100)	10.5608%			10.5608%			10.5608%		10.5608%			10.5608%	
15	FOR W incentive L.13 +(L.14*L.5)	0			0			0		0			0	
16	Investment	858,877			235,892			15,547,555		388,689			12	
17	Annual Depreciation Exp	21,472			5,897			388,689						
18	In Service Month (1-12)	1			6									
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
20	W / O incentive													
21	W incentive													
22	W / O incentive													
23	W incentive													
24	W / O incentive													
25	W incentive													
26	W / O incentive													
27	W incentive													
28	W / O incentive													
29	W incentive													
30	W / O incentive													
31	W incentive													
32	W / O incentive													
33	W incentive					235,892	2,505	233,387						
34	W / O incentive	858,877	18,489	840,388		233,387	5,271	228,116		15,547,555	15,065	15,532,489		
35	W incentive	858,877	18,489	840,388		233,387	5,271	228,116		15,547,555	15,065	15,532,489		
36	W / O incentive	840,388	19,974	820,414		228,116	5,486	222,630		15,532,489	361,571	15,170,918		
37	W incentive	840,388	19,974	820,414		228,116	5,486	222,630		15,532,489	361,571	15,170,918		
38	W / O incentive	820,414	19,974	800,440		222,630	5,486	217,144		15,170,918	361,571	14,809,347		
39	W incentive	820,414	19,974	800,440		222,630	5,486	217,144		15,170,918	361,571	14,809,347		
40	W / O incentive	800,440	19,974	780,466		217,144	5,486	211,658		14,809,347	361,571	14,447,776		
41	W incentive	800,440	19,974	780,466		217,144	5,486	211,658		14,809,347	361,571	14,447,776		
42	W / O incentive	780,466	21,472	758,995		211,658	5,897	205,761		14,447,776	388,689	14,059,087		
43	W incentive	780,466	21,472	758,995		211,658	5,897	205,761		14,447,776	388,689	14,059,087		
44	W / O incentive	758,995	21,472	737,523		205,761	5,897	199,864		14,059,087	388,689	13,670,399		
45	W incentive	758,995	21,472	737,523		205,761	5,897	199,864		14,059,087	388,689	13,670,399		
46	W / O incentive	737,523	21,472	716,051		199,864	5,897	193,966		13,670,399	388,689	13,281,710		
47	W incentive	737,523	21,472	716,051		199,864	5,897	193,966		13,670,399	388,689	13,281,710		
48	W / O incentive	716,051	21,472	694,579		193,966	5,897	188,069		13,281,710	388,689	12,893,021		
49	W incentive	716,051	21,472	694,579		193,966	5,897	188,069		13,281,710	388,689	12,893,021		
50	W / O incentive	694,579	21,472	673,107		188,069	5,897	182,172		12,893,021	388,689	12,504,332		
51	W incentive	694,579	21,472	673,107		188,069	5,897	182,172		12,893,021	388,689	12,504,332		
52	W / O incentive	673,107	21,472	651,635	91,424	182,172	5,897	176,275	24,825	12,504,332	388,689	12,115,643	1,688,728	
53	W incentive	673,107	21,472	651,635	91,424	182,172	5,897	176,275	24,825	12,504,332	388,689	12,115,643	1,688,728	
A	Proj Rev Req w/o Incentive PCY*				85,197				23,158				1,689,041	
B	Proj Rev Req w/ Incentive PCY*				85,197				23,158				1,689,041	
C	Actual Rev Req w/o Incentive PCY*				93,493				25,402				1,725,057	
D	Actual Rev Req w/ Incentive PCY*				93,493				25,402				1,725,057	
E	TUA w/o Int w/o Incentive PCY (C-A)				8,296				2,244				36,016	
F	TUA w/o Int w/ Incentive PCY (B-D)				8,296				2,244				36,016	
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1,07874				1,07874				1,07874	
H	True-Up Adjustment w/o Incentive (E'G)				8,949				2,421				38,852	
I	True-Up Adjustment w/ Incentive (F'G)				8,949				2,421				38,852	
TUA = True-Up Adjustment PCY = Previous Calendar Year														
<hr/>														
W / O incentive														
W incentive														
<hr/>														

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project AU-3				Project AV-1				Project AV-2			
Line Number	Description	Yes	B1188.6	40	10.5608%	Yes	B1188	40	10.5608%	Yes	B1188	40	10.5608%
10													
11	Schedule 12 (Yes or No)	40	B1188.6	40	10.5608%	40	B1188	40	10.5608%	40	B1188	40	10.5608%
12	Life	0	Install one 500/230 kV transformer and two 230 kV breakers at Brambleton	0	10.5608%	0	Build new Brambleton 500 kV three ring bus connected to the Loudoun to Pleasant View 500 kV line	0	10.5608%	0	Build new Brambleton 500 kV three ring bus connected to the Loudoun to Pleasant View 500 kV line	0	10.5608%
13	FOR W/O incentive Line 3	10.5608%		10.5608%		10.5608%		10.5608%		10.5608%		10.5608%	
14	Incentive Factor (Basis Points /100)	0		0		0		0		0		0	
15	FOR W incentive L.13 +(L.14*L.5)	10.5608%		10.5608%		10.5608%		10.5608%		10.5608%		10.5608%	
16	Investment	982,054		982,054		982,054		982,054		1,480,947		1,480,947	
17	Annual Depreciation Exp	24,551		24,551		24,551		24,551		37,024		37,024	
18	In Service Month (1-12)	10		10		10		10		1		1	
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014									1,480,947	33,006	1,447,941	
37	W incentive 2014									1,480,947	33,006	1,447,941	
38	W / O incentive 2015									1,447,941	34,441	1,413,500	
39	W incentive 2015									1,447,941	34,441	1,413,500	
40	W / O incentive 2016									1,413,500	34,441	1,379,060	
41	W incentive 2016									1,413,500	34,441	1,379,060	
42	W / O incentive 2017									1,379,060	37,024	1,342,036	
43	W incentive 2017									1,379,060	37,024	1,342,036	
44	W / O incentive 2018									1,342,036	37,024	1,305,013	
45	W incentive 2018									1,342,036	37,024	1,305,013	
46	W / O incentive 2019									1,305,013	37,024	1,267,989	
47	W incentive 2019									1,305,013	37,024	1,267,989	
48	W / O incentive 2020	982,054	5,115	976,939						1,267,989	37,024	1,230,965	
49	W incentive 2020	982,054	5,115	976,939						1,267,989	37,024	1,230,965	
50	W / O incentive 2021	976,939	24,551	952,388						1,230,965	37,024	1,193,942	
51	W incentive 2021	976,939	24,551	952,388						1,230,965	37,024	1,193,942	
52	W / O incentive 2022	952,388	24,551	927,836	123,835					1,193,942	37,024	1,156,918	161,159
53	W incentive 2022	952,388	24,551	927,836	123,835					1,193,942	37,024	1,156,918	161,159
A Proj Rev Req w/o Incentive PCY*					-				-				160,259
B Proj Rev Req w/ Incentive PCY*					-				-				160,259
C Actual Rev Req w/o Incentive PCY*					25,952				-				164,609
D Actual Rev Req w/ Incentive PCY*					25,952				-				164,609
E TUA w/o Int w/o Incentive PCY (C-A)					25,952				-				4,350
F TUA w/o Int w/ Incentive PCY (B-D)					25,952				-				4,350
G Future Value Factor (1+) ²⁴ mo (ATT6)					1,07874				1,07874				1,07874
H True-Up Adjustment w/o Incentive (E*G)					27,995				-				4,693
I True-Up Adjustment w/ Incentive (F*G)					27,995				-				4,693
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					151,831				-				165,852
W incentive					151,831				-				165,852

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project AW				Project AX-1				Project AX-2			
Line Number	Yes	40	10.5608%	0	Yes	40	10.5608%	0	Yes	40	10.5608%	0	
10													
11 Schedule 12 (Yes or No)													
12 Life													
13 FCR W/O incentive Line 3													
14 Incentive Factor (Basis Points /100)													
15 FCR W incentive L.13 +(L.14*L.5)													
16 Investment													
17 Annual Depreciation Exp													
18 In Service Month (1-12)													
	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
19													
20 W / O incentive 2006													
21 W incentive 2006													
22 W / O incentive 2007													
23 W incentive 2007													
24 W / O incentive 2008													
25 W incentive 2008													
26 W / O incentive 2009													
27 W incentive 2009													
28 W / O incentive 2010													
29 W incentive 2010													
30 W / O incentive 2011													
31 W incentive 2011													
32 W / O incentive 2012													
33 W incentive 2012													
34 W / O incentive 2013													
35 W incentive 2013													
36 W / O incentive 2014													
37 W incentive 2014													
38 W / O incentive 2015	-	-	-	-	31,931,622	587,888	31,343,734		6,368,620	80,225	6,288,395		
39 W incentive 2015	-	-	-	-	31,931,622	587,888	31,343,734		6,368,620	80,225	6,288,395		
40 W / O incentive 2016	-	-	-	-	31,343,734	742,596	30,601,138		6,288,395	148,107	6,140,288		
41 W incentive 2016	-	-	-	-	31,343,734	742,596	30,601,138		6,288,395	148,107	6,140,288		
42 W / O incentive 2017	-	-	-	-	30,601,138	798,291	29,802,847		6,140,288	159,216	5,981,072		
43 W incentive 2017	-	-	-	-	30,601,138	798,291	29,802,847		6,140,288	159,216	5,981,072		
44 W / O incentive 2018	-	-	-	-	29,802,847	798,291	29,004,557		5,981,072	159,216	5,821,857		
45 W incentive 2018	-	-	-	-	29,802,847	798,291	29,004,557		5,981,072	159,216	5,821,857		
46 W / O incentive 2019	-	-	-	-	29,004,557	798,291	28,206,266		5,821,857	159,216	5,662,641		
47 W incentive 2019	-	-	-	-	29,004,557	798,291	28,206,266		5,821,857	159,216	5,662,641		
48 W / O incentive 2020	-	-	-	-	28,206,266	798,291	27,407,976		5,662,641	159,216	5,503,426		
49 W incentive 2020	-	-	-	-	28,206,266	798,291	27,407,976		5,662,641	159,216	5,503,426		
50 W / O incentive 2021	-	-	-	-	27,407,976	798,291	26,609,685		5,503,426	159,216	5,344,210		
51 W incentive 2021	-	-	-	-	27,407,976	798,291	26,609,685		5,503,426	159,216	5,344,210		
52 W / O incentive 2022	-	-	-	-	26,609,685	798,291	25,811,394	3,566,345	5,344,210	159,216	5,184,995	715,202	
53 W incentive 2022	-	-	-	-	26,609,685	798,291	25,811,394	3,566,345	5,344,210	159,216	5,184,995	715,202	
A Proj Rev Req w/o Incentive PCY*								3,447,928				663,049	
B Proj Rev Req w/ Incentive PCY*								3,447,928				663,049	
C Actual Rev Req w/o Incentive PCY*								3,637,713				729,306	
D Actual Rev Req w/ Incentive PCY*								3,637,713				729,306	
E TUA w/o Int w/o Incentive PCY (C-A)								189,785				66,258	
F TUA w/o Int w/ Incentive PCY (B-D)								189,785				66,258	
G Future Value Factor (1+) ²⁴ mo (ATT6)				1.07874				1.07874				1.07874	
H True-Up Adjustment w/o Incentive (E*G)								204,729				71,475	
I True-Up Adjustment w/ Incentive (F*G)								204,729				71,475	
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive								3,771,074				786,677	
W incentive								3,771,074				786,677	

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project AY-1				Project AY-2				Project AZ					
10	11 Schedule 12 (Yes or No)	Yes	B0756.1	Yes	B0756.1	Yes	B1797	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
12	Life	40	Install two 500 kV breakers at Chancellor 500 kV	40	Install two 500 kV breakers at Chancellor 500 kV	40	Wreck and rebuild 7 miles of the Dominion owned section of Cloverdale - Lexington 500 kV								
13	FOR W/O incentive Line 3	10.5608%		10.5608%		10.5608%									
14	Incentive Factor (Basis Points /100)	0		0		0									
15	FOR W incentive L.13 +(L.14*L.5)	10.5608%		10.5608%		10.5608%									
16	Investment	4,076,165		116,523		18,459,911									
17	Annual Depreciation Exp	101,904		2,913		461,498									
18	In Service Month (1-12)	5		12		10									
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req		
20	W / O incentive 2006														
21	W incentive 2006														
22	W / O incentive 2007														
23	W incentive 2007														
24	W / O incentive 2008														
25	W incentive 2008														
26	W / O incentive 2009														
27	W incentive 2009														
28	W / O incentive 2010														
29	W incentive 2010														
30	W / O incentive 2011														
31	W incentive 2011														
32	W / O incentive 2012														
33	W incentive 2012														
34	W / O incentive 2013	4,076,165	59,247	4,016,918						18,459,911	89,438	18,370,473			
35	W incentive 2013	4,076,165	59,247	4,016,918						18,459,911	89,438	18,370,473			
36	W / O incentive 2014	4,016,918	94,795	3,922,124		116,523	113	116,410		18,370,473	429,300	17,941,173			
37	W incentive 2014	4,016,918	94,795	3,922,124		116,523	113	116,410		18,370,473	429,300	17,941,173			
38	W / O incentive 2015	3,922,124	94,795	3,827,329		116,410	2,710	113,700		17,941,173	429,300	17,511,873			
39	W incentive 2015	3,922,124	94,795	3,827,329		116,410	2,710	113,700		17,941,173	429,300	17,511,873			
40	W / O incentive 2016	3,827,329	94,795	3,732,535		113,700	2,710	110,990		17,511,873	429,300	17,082,573			
41	W incentive 2016	3,827,329	94,795	3,732,535		113,700	2,710	110,990		17,511,873	429,300	17,082,573			
42	W / O incentive 2017	3,732,535	101,904	3,630,631		110,990	2,913	108,077		17,082,573	461,498	16,621,075			
43	W incentive 2017	3,732,535	101,904	3,630,631		110,990	2,913	108,077		17,082,573	461,498	16,621,075			
44	W / O incentive 2018	3,630,631	101,904	3,528,727		108,077	2,913	105,164		16,621,075	461,498	16,159,577			
45	W incentive 2018	3,630,631	101,904	3,528,727		108,077	2,913	105,164		16,621,075	461,498	16,159,577			
46	W / O incentive 2019	3,528,727	101,904	3,426,822		105,164	2,913	102,251		16,159,577	461,498	15,698,079			
47	W incentive 2019	3,528,727	101,904	3,426,822		105,164	2,913	102,251		16,159,577	461,498	15,698,079			
48	W / O incentive 2020	3,426,822	101,904	3,324,918		102,251	2,913	99,338		15,698,079	461,498	15,236,582			
49	W incentive 2020	3,426,822	101,904	3,324,918		102,251	2,913	99,338		15,698,079	461,498	15,236,582			
50	W / O incentive 2021	3,324,918	101,904	3,223,014		99,338	2,913	96,425		15,236,582	461,498	14,775,084			
51	W incentive 2021	3,324,918	101,904	3,223,014		99,338	2,913	96,425		15,236,582	461,498	14,775,084			
52	W / O incentive 2022	3,223,014	101,904	3,121,110	436,901	96,425	2,913	93,512	12,943	14,775,084	461,498	14,313,586	1,997,503		
53	W incentive 2022	3,223,014	101,904	3,121,110	436,901	96,425	2,913	93,512	12,943	14,775,084	461,498	14,313,586	1,997,503		
A Proj Rev Req w/o Incentive PCY*					406,884				12,015					1,858,658	
B Proj Rev Req w/ Incentive PCY*					406,884				12,015					1,858,658	
C Actual Rev Req w/o Incentive PCY*					446,619				13,205					2,040,887	
D Actual Rev Req w/ Incentive PCY*					446,619				13,205					2,040,887	
E TUA w/o Int w/ Incentive PCY (C-A)					39,734				1,191					182,229	
F TUA w/o Int w/ Incentive PCY (B-D)					39,734				1,191					182,229	
G Future Value Factor (1+i)^24 mo (ATT6)					1,07874				1,07874					1,07874	
H True-Up Adjustment w/o Incentive (E'G)					42,863				1,284					196,579	
I True-Up Adjustment w/ Incentive (F'G)					42,863				1,284					196,579	
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O incentive					479,764				14,227					2,194,081	
W incentive					479,764				14,227					2,194,081	

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project BA				Project BB-1				Project BB-2			
Line Number	(Yes or No)	Yes	B1799	40	B1798	Yes	B1798	40	B1798	Yes	B1798	40	B1798
10	Schedule 12	10.5608%	Build 150 MVAR Switched Shunt at Pleasant View 500 kV	10.5608%	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV	10.5608%	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV	10.5608%	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV	10.5608%	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV	10.5608%	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV
11	Life	0		0		0		0		0		0	
13	FOR W/O incentive	26,070,960		3,131,641		35,293,503		882,338		35,293,503		882,338	
14	Incentive Factor (Basis Points /100)	651,774		78,291		882,338		5		882,338		5	
15	FOR W incentive L.13 +(L.14*L.5)	11		12		5							
16	Investment												
17	Annual Depreciation Exp												
18	In Service Month (1-12)												
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive												
21	W incentive												
22	W / O incentive												
23	W incentive												
24	W / O incentive												
25	W incentive												
26	W / O incentive												
27	W incentive												
28	W / O incentive												
29	W incentive												
30	W / O incentive												
31	W incentive												
32	W / O incentive												
33	W incentive												
34	W / O incentive					3,131,641	3,035	3,128,606					
35	W incentive					3,131,641	3,035	3,128,606					
36	W / O incentive	26,070,960	75,788	25,995,172		3,128,606	72,829	3,055,778		35,293,503	512,987	34,780,516	
37	W incentive	26,070,960	75,788	25,995,172		3,128,606	72,829	3,055,778		35,293,503	512,987	34,780,516	
38	W / O incentive	25,995,172	606,301	25,388,871		3,055,778	72,829	2,982,949		34,780,516	820,779	33,959,737	
39	W incentive	25,995,172	606,301	25,388,871		3,055,778	72,829	2,982,949		34,780,516	820,779	33,959,737	
40	W / O incentive	25,388,871	606,301	24,782,570		2,982,949	72,829	2,910,120		33,959,737	820,779	33,138,958	
41	W incentive	25,388,871	606,301	24,782,570		2,982,949	72,829	2,910,120		33,959,737	820,779	33,138,958	
42	W / O incentive	24,782,570	651,774	24,130,796		2,910,120	78,291	2,831,829		33,138,958	882,338	32,256,620	
43	W incentive	24,782,570	651,774	24,130,796		2,910,120	78,291	2,831,829		33,138,958	882,338	32,256,620	
44	W / O incentive	24,130,796	651,774	23,479,022		2,831,829	78,291	2,753,538		32,256,620	882,338	31,374,283	
45	W incentive	24,130,796	651,774	23,479,022		2,831,829	78,291	2,753,538		32,256,620	882,338	31,374,283	
46	W / O incentive	23,479,022	651,774	22,827,248		2,753,538	78,291	2,675,247		31,374,283	882,338	30,491,945	
47	W incentive	23,479,022	651,774	22,827,248		2,753,538	78,291	2,675,247		31,374,283	882,338	30,491,945	
48	W / O incentive	22,827,248	651,774	22,175,474		2,675,247	78,291	2,596,956		30,491,945	882,338	29,609,607	
49	W incentive	22,827,248	651,774	22,175,474		2,675,247	78,291	2,596,956		30,491,945	882,338	29,609,607	
50	W / O incentive	22,175,474	651,774	21,523,700		2,596,956	78,291	2,518,665		29,609,607	882,338	28,727,270	
51	W incentive	22,175,474	651,774	21,523,700		2,596,956	78,291	2,518,665		29,609,607	882,338	28,727,270	
52	W / O incentive	21,523,700	651,774	20,871,926	2,890,442	2,518,665	78,291	2,440,374	340,149	28,727,270	882,338	27,844,932	3,869,589
53	W incentive	21,523,700	651,774	20,871,926	2,890,442	2,518,665	78,291	2,440,374	340,149	28,727,270	882,338	27,844,932	3,869,589
A	Proj Rev Req w/o Incentive PCY*				2,686,981				316,398				3,607,887
B	Proj Rev Req w/ Incentive PCY*				2,686,981				316,398				3,607,887
C	Actual Rev Req w/o Incentive PCY*				2,949,418				347,467				3,950,862
D	Actual Rev Req w/ Incentive PCY*				2,949,418				347,467				3,950,862
E	TUA w/o Int w/ Incentive PCY (C-A)				262,437				31,069				342,975
F	TUA w/o Int w/ Incentive PCY (B-D)				262,437				31,069				342,975
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1,07874				1,07874				1,07874
H	True-Up Adjustment w/o Incentive (E*G)				283,102				33,516				369,982
I	True-Up Adjustment w/ Incentive (F*G)				283,102				33,516				369,982
TUA = True-Up Adjustment PCY = Previous Calendar Year													
<hr/>													
W / O incentive					3,173,544				373,665				4,239,571
W incentive					3,173,544				373,665				4,239,571

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages													
		Project BB-3				Project BB-4				Project BB-5			
		Yes	B1798			Yes	B1798			Yes	B1798		
		40	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV			40	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV			40	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV		
		10.5608%				10.5608%				10.5608%			
		0				0				0			
		18,023,576				38,035,625				12,313,467			
		450,589				950,891				307,837			
		6				8				12			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009											
27	W incentive	2009											
28	W / O incentive	2010											
29	W incentive	2010											
30	W / O incentive	2011											
31	W incentive	2011											
32	W / O incentive	2012											
33	W incentive	2012											
34	W / O incentive	2013											
35	W incentive	2013											
36	W / O incentive	2014	18,023,576	227,041	17,796,535	38,035,625	331,706	37,703,919		12,313,467	11,932	12,301,535	
37	W incentive	2014	18,023,576	227,041	17,796,535	38,035,625	331,706	37,703,919		12,313,467	11,932	12,301,535	
38	W / O incentive	2015	17,796,535	419,153	17,377,382	37,703,919	884,549	36,819,370		12,301,535	286,360	12,015,176	
39	W incentive	2015	17,796,535	419,153	17,377,382	37,703,919	884,549	36,819,370		12,301,535	286,360	12,015,176	
40	W / O incentive	2016	17,377,382	419,153	16,958,229	36,819,370	884,549	35,934,820		12,015,176	286,360	11,728,816	
41	W incentive	2016	17,377,382	419,153	16,958,229	36,819,370	884,549	35,934,820		12,015,176	286,360	11,728,816	
42	W / O incentive	2017	16,958,229	450,589	16,507,640	35,934,820	950,891	34,983,930		11,728,816	307,837	11,420,979	
43	W incentive	2017	16,958,229	450,589	16,507,640	35,934,820	950,891	34,983,930		11,728,816	307,837	11,420,979	
44	W / O incentive	2018	16,507,640	450,589	16,057,050	34,983,930	950,891	34,033,039		11,420,979	307,837	11,113,143	
45	W incentive	2018	16,507,640	450,589	16,057,050	34,983,930	950,891	34,033,039		11,420,979	307,837	11,113,143	
46	W / O incentive	2019	16,057,050	450,589	15,606,461	34,033,039	950,891	33,082,148		11,113,143	307,837	10,805,306	
47	W incentive	2019	16,057,050	450,589	15,606,461	34,033,039	950,891	33,082,148		11,113,143	307,837	10,805,306	
48	W / O incentive	2020	15,606,461	450,589	15,155,871	33,082,148	950,891	32,131,258		10,805,306	307,837	10,497,469	
49	W incentive	2020	15,606,461	450,589	15,155,871	33,082,148	950,891	32,131,258		10,805,306	307,837	10,497,469	
50	W / O incentive	2021	15,155,871	450,589	14,705,282	32,131,258	950,891	31,180,367		10,497,469	307,837	10,189,633	
51	W incentive	2021	15,155,871	450,589	14,705,282	32,131,258	950,891	31,180,367		10,497,469	307,837	10,189,633	
52	W / O incentive	2022	14,705,282	450,589	14,254,693	31,180,367	950,891	30,229,476	4,193,590	10,189,633	307,837	9,881,796	1,367,693
53	W incentive	2022	14,705,282	450,589	14,254,693	31,180,367	950,891	30,229,476	4,193,590	10,189,633	307,837	9,881,796	1,367,693
A Proj Rev Req w/o Incentive PCY*					1,848,776				3,896,815	1,275,649			
B Proj Rev Req w/ Incentive PCY*					1,848,776				3,896,815	1,275,649			
C Actual Rev Req w/o Incentive PCY*					2,021,181				4,280,404	1,395,464			
D Actual Rev Req w/ Incentive PCY*					2,021,181				4,280,404	1,395,464			
E TUA w/o Int w/o Incentive PCY (C-A)					172,405				383,589	119,815			
F TUA w/o Int w/ Incentive PCY (B-D)					172,405				383,589	119,815			
G Future Value Factor (1+) ²⁴ mo (ATT6)					1,07874				1,07874	1,07874			
H True-Up Adjustment w/o Incentive (E'G)					185,981				413,794	129,250			
I True-Up Adjustment w/ Incentive (F'G)					185,981				413,794	129,250			
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					2,165,779				4,607,384	1,496,943			
W incentive					2,165,779				4,607,384	1,496,943			

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project BB-6				Project BC				Project BD-1				
Line Number	(Yes or No)	Yes	B1798	40	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV	Yes	B1805	40	Install a 250 MVAR SVC at the existing Mt. Storm 500 kV substation	Yes	B1508.1	40	Build a 2nd 230kV line Harrisonburg to Endless Caverns	
13 FOR W/O incentive	Line 3	10.5608%		0		10.5608%		0		10.5608%		0		
14 Incentive Factor (Basis Points /100)		0		0		0		0		0		0		
15 FOR W incentive L.13 +(L.14*L.5)		4,574,038		37,153,276		37,153,276		4,803,713		4,803,713		120,093		
16 Investment		114,351		928,832		928,832		120,093		120,093		10		
17 Annual Depreciation Exp		1		6		6		10		10				
18 In Service Month (1-12)														
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
19														
20 W / O incentive	2006													
21 W incentive	2006													
22 W / O incentive	2007													
23 W incentive	2007													
24 W / O incentive	2008													
25 W incentive	2008													
26 W / O incentive	2009													
27 W incentive	2009													
28 W / O incentive	2010													
29 W incentive	2010													
30 W / O incentive	2011													
31 W incentive	2011													
32 W / O incentive	2012													
33 W incentive	2012													
34 W / O incentive	2013									4,803,713	23,274	4,780,439		
35 W incentive	2013									4,803,713	23,274	4,780,439		
36 W / O incentive	2014					37,153,276	468,016	36,685,260		4,780,439	111,714	4,668,725		
37 W incentive	2014					37,153,276	468,016	36,685,260		4,780,439	111,714	4,668,725		
38 W / O incentive	2015	4,574,038	101,941	4,472,097		36,685,260	864,030	35,821,230		4,668,725	111,714	4,557,011		
39 W incentive	2015	4,574,038	101,941	4,472,097		36,685,260	864,030	35,821,230		4,668,725	111,714	4,557,011		
40 W / O incentive	2016	4,472,097	106,373	4,365,724		35,821,230	864,030	34,957,201		4,557,011	111,714	4,445,296		
41 W incentive	2016	4,472,097	106,373	4,365,724		35,821,230	864,030	34,957,201		4,557,011	111,714	4,445,296		
42 W / O incentive	2017	4,365,724	114,351	4,251,373		34,957,201	928,832	34,028,369		4,445,296	120,093	4,325,204		
43 W incentive	2017	4,365,724	114,351	4,251,373		34,957,201	928,832	34,028,369		4,445,296	120,093	4,325,204		
44 W / O incentive	2018	4,251,373	114,351	4,137,022		34,028,369	928,832	33,099,537		4,325,204	120,093	4,205,111		
45 W incentive	2018	4,251,373	114,351	4,137,022		34,028,369	928,832	33,099,537		4,325,204	120,093	4,205,111		
46 W / O incentive	2019	4,137,022	114,351	4,022,671		33,099,537	928,832	32,170,705		4,205,111	120,093	4,085,018		
47 W incentive	2019	4,137,022	114,351	4,022,671		33,099,537	928,832	32,170,705		4,205,111	120,093	4,085,018		
48 W / O incentive	2020	4,022,671	114,351	3,908,320		32,170,705	928,832	31,241,873		4,085,018	120,093	3,964,925		
49 W incentive	2020	4,022,671	114,351	3,908,320		32,170,705	928,832	31,241,873		4,085,018	120,093	3,964,925		
50 W / O incentive	2021	3,908,320	114,351	3,793,970		31,241,873	928,832	30,313,041		3,964,925	120,093	3,844,832		
51 W incentive	2021	3,908,320	114,351	3,793,970		31,241,873	928,832	30,313,041		3,964,925	120,093	3,844,832		
52 W / O incentive	2022	3,793,970	114,351	3,679,619	508,988	30,313,041	928,832	29,384,209	4,081,099	3,844,832	120,093	3,724,739	519,798	
53 W incentive	2022	3,793,970	114,351	3,679,619	508,988	30,313,041	928,832	29,384,209	4,081,099	3,844,832	120,093	3,724,739	519,798	
A Proj Rev Req w/o Incentive PCY*					472,423					3,792,290				481,130
B Proj Rev Req w/ Incentive PCY*					472,423					3,792,290				481,130
C Actual Rev Req w/o Incentive PCY*					519,273					4,166,403				531,088
D Actual Rev Req w/ Incentive PCY*					519,273					4,166,403				531,088
E TUA w/o Int w/o Incentive PCY (C-A)					46,850					374,113				49,958
F TUA w/o Int w/ Incentive PCY (B-D)					46,850					374,113				49,958
G Future Value Factor (1+)^24 mo (ATT6)					1,07874					1,07874				1,07874
H True-Up Adjustment w/o Incentive (E'G)					50,539					403,572				53,891
I True-Up Adjustment w/ Incentive (F'G)					50,539					403,572				53,891
TUA = True-Up Adjustment														
PCY = Previous Calendar Year														
W / O incentive					559,527					4,484,671				573,690
W incentive					559,527					4,484,671				573,690

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project BD-2				Project BD-3				Project BD-4			
10	11 Schedule 12 (Yes or No)	Yes	B1508.1	Yes	B1508.1	Yes	B1508.1	Yes	B1508.1	Yes	B1508.1	Yes	B1508.1
12 Life		40	Build a 2nd 230kV line Harrisonburg to	40	Build a 2nd 230kV line Harrisonburg to	40	Build a 2nd 230kV line Harrisonburg to	40	Build a 2nd 230kV line Harrisonburg to	40	Build a 2nd 230kV line Harrisonburg to	40	Build a 2nd 230kV line Harrisonburg to
13 FOR W/O incentive Line 3		10.5608%	Endless Caverns	10.5608%	Endless Caverns	10.5608%	Endless Caverns	10.5608%	Endless Caverns	10.5608%	Endless Caverns	10.5608%	Endless Caverns
14 Incentive Factor (Basis Points /100)		0		0		0		0		0		0	
15 FOR W incentive L.13 +(L.14*L.5)		10.5608%		10.5608%		10.5608%		10.5608%		10.5608%		10.5608%	
16 Investment		51,208,945		2,000,000		2,000,000		6,228,143		6,228,143		155,704	
17 Annual Depreciation Exp		1,280,224		50,000		50,000		155,704		155,704		6	
18 In Service Month (1-12)		9		12		12		6		6		6	
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009											
27	W incentive	2009											
28	W / O incentive	2010											
29	W incentive	2010											
30	W / O incentive	2011											
31	W incentive	2011											
32	W / O incentive	2012											
33	W incentive	2012											
34	W / O incentive	2013											
35	W incentive	2013											
36	W / O incentive	2014	51,208,945	347,347	50,861,598	2,000,000	1,938	1,998,062					
37	W incentive	2014	51,208,945	347,347	50,861,598	2,000,000	1,938	1,998,062					
38	W / O incentive	2015	50,861,598	1,190,906	49,670,692	1,998,062	46,512	1,951,550		6,228,143	78,455	6,149,688	
39	W incentive	2015	50,861,598	1,190,906	49,670,692	1,998,062	46,512	1,951,550		6,228,143	78,455	6,149,688	
40	W / O incentive	2016	49,670,692	1,190,906	48,479,786	1,951,550	46,512	1,905,039		6,149,688	144,841	6,004,847	
41	W incentive	2016	49,670,692	1,190,906	48,479,786	1,951,550	46,512	1,905,039		6,149,688	144,841	6,004,847	
42	W / O incentive	2017	48,479,786	1,280,224	47,199,562	1,905,039	50,000	1,855,039		6,004,847	155,704	5,849,143	
43	W incentive	2017	48,479,786	1,280,224	47,199,562	1,905,039	50,000	1,855,039		6,004,847	155,704	5,849,143	
44	W / O incentive	2018	47,199,562	1,280,224	45,919,339	1,855,039	50,000	1,805,039		5,849,143	155,704	5,693,440	
45	W incentive	2018	47,199,562	1,280,224	45,919,339	1,855,039	50,000	1,805,039		5,849,143	155,704	5,693,440	
46	W / O incentive	2019	45,919,339	1,280,224	44,639,115	1,805,039	50,000	1,755,039		5,693,440	155,704	5,537,736	
47	W incentive	2019	45,919,339	1,280,224	44,639,115	1,805,039	50,000	1,755,039		5,693,440	155,704	5,537,736	
48	W / O incentive	2020	44,639,115	1,280,224	43,358,892	1,755,039	50,000	1,705,039		5,537,736	155,704	5,382,033	
49	W incentive	2020	44,639,115	1,280,224	43,358,892	1,755,039	50,000	1,705,039		5,537,736	155,704	5,382,033	
50	W / O incentive	2021	43,358,892	1,280,224	42,078,668	1,705,039	50,000	1,655,039		5,382,033	155,704	5,226,329	
51	W incentive	2021	43,358,892	1,280,224	42,078,668	1,705,039	50,000	1,655,039		5,382,033	155,704	5,226,329	
52	W / O incentive	2022	42,078,668	1,280,224	40,798,444	1,655,039	50,000	1,605,039	222,146	5,226,329	155,704	5,070,626	699,426
53	W incentive	2022	42,078,668	1,280,224	40,798,444	1,655,039	50,000	1,605,039	222,146	5,226,329	155,704	5,070,626	699,426
A Proj Rev Req w/o Incentive PCY*					5,253,575				206,221				652,182
B Proj Rev Req w/ Incentive PCY*					5,253,575				206,221				652,182
C Actual Rev Req w/o Incentive PCY*					5,773,020				226,657				713,220
D Actual Rev Req w/ Incentive PCY*					5,773,020				226,657				713,220
E TUA w/o Int w/ Incentive PCY (C-A)					519,445				20,436				61,037
F TUA w/o Int w/ Incentive PCY (B-D)					519,445				20,436				61,037
G Future Value Factor (1+) ²⁴ mo (ATT6)					1,07874				1,07874				1,07874
H True-Up Adjustment w/o Incentive (E*G)					560,348				22,045				65,844
I True-Up Adjustment w/ Incentive (F*G)					560,348				22,045				65,844
TUA = True-Up Adjustment													
PCY = Previous Calendar Year													
W / O incentive					6,216,834				244,191				765,270
W incentive					6,216,834				244,191				765,270

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project BD-5				Project BE				Project BF-1														
Line Number	(Yes or No)	Yes	B1508.1	40	B1508.2	Yes	B2053	40	Yes	B2053	40	10.5608%	0	10.5608%	0	10.5608%	6,782,738	169,568	7	9	11			
11	Schedule 12	10.5608%	Build a 2nd 230kV line Harrisonburg to Endless Caverns	0	Install a 3rd 230 - 115 kV Tx at Endless Caverns	0	Rebuild 28 mile line (Altavista - Skimmer, 115kV)	0	10.5608%	6,782,738	169,568	7	9	11										
12	Life	10.5608%		0		10.5608%		0	10.5608%															
13	FOR W/O incentive	10.5608%		0		10.5608%		0	10.5608%															
14	Incentive Factor (Basis Points /100)	10.5608%		0		10.5608%		0	10.5608%															
15	FOR W incentive L.13 +(L.14*L.5)	10.5608%		0		10.5608%		0	10.5608%															
16	Investment	1,165,302		1,165,302		11,994,009		11,994,009	6,782,738		6,782,738		11,994,009		11,994,009		6,782,738		29,133	299,850	299,850	6,782,738		
17	Annual Depreciation Exp	29,133		29,133		299,850		299,850	169,568		169,568		299,850		299,850		169,568		7	9	11			
18	In Service Month (1-12)	7		7		9		9	11		11		9		9		11							
19																								
20	W / O incentive																							
21	W incentive																							
22	W / O incentive																							
23	W incentive																							
24	W / O incentive																							
25	W incentive																							
26	W / O incentive																							
27	W incentive																							
28	W / O incentive																							
29	W incentive																							
30	W / O incentive																							
31	W incentive																							
32	W / O incentive																							
33	W incentive																							
34	W / O incentive																							
35	W incentive																							
36	W / O incentive																							
37	W incentive																							
38	W / O incentive																							
39	W incentive																							
40	W / O incentive	1,165,302	12,421	1,152,881		11,633,724	278,930	11,354,793	6,605,283	157,738	6,447,545		11,633,724	278,930	11,354,793	6,605,283	157,738	6,447,545						
41	W incentive	1,165,302	12,421	1,152,881		11,633,724	278,930	11,354,793	6,605,283	157,738	6,447,545		11,633,724	278,930	11,354,793	6,605,283	157,738	6,447,545						
42	W / O incentive	1,152,881	29,133	1,123,749		11,354,793	299,850	11,054,943	6,447,545	169,568	6,277,976		11,354,793	299,850	11,054,943	6,447,545	169,568	6,277,976						
43	W incentive	1,152,881	29,133	1,123,749		11,354,793	299,850	11,054,943	6,447,545	169,568	6,277,976		11,354,793	299,850	11,054,943	6,447,545	169,568	6,277,976						
44	W / O incentive	1,123,749	29,133	1,094,616		11,054,943	299,850	10,755,093	6,277,976	169,568	6,108,408		11,054,943	299,850	10,755,093	6,277,976	169,568	6,108,408						
45	W incentive	1,123,749	29,133	1,094,616		11,054,943	299,850	10,755,093	6,277,976	169,568	6,108,408		11,054,943	299,850	10,755,093	6,277,976	169,568	6,108,408						
46	W / O incentive	1,094,616	29,133	1,065,483		10,755,093	299,850	10,455,243	6,108,408	169,568	5,938,839		10,755,093	299,850	10,455,243	6,108,408	169,568	5,938,839						
47	W incentive	1,094,616	29,133	1,065,483		10,755,093	299,850	10,455,243	6,108,408	169,568	5,938,839		10,755,093	299,850	10,455,243	6,108,408	169,568	5,938,839						
48	W / O incentive	1,065,483	29,133	1,036,351		10,455,243	299,850	10,155,393	5,938,839	169,568	5,769,271		10,455,243	299,850	10,155,393	5,938,839	169,568	5,769,271						
49	W incentive	1,065,483	29,133	1,036,351		10,455,243	299,850	10,155,393	5,938,839	169,568	5,769,271		10,455,243	299,850	10,155,393	5,938,839	169,568	5,769,271						
50	W / O incentive	1,036,351	29,133	1,007,218		10,155,393	299,850	9,855,542	5,769,271	169,568	5,599,702		10,155,393	299,850	9,855,542	5,769,271	169,568	5,599,702						
51	W incentive	1,036,351	29,133	1,007,218		10,155,393	299,850	9,855,542	5,769,271	169,568	5,599,702		10,155,393	299,850	9,855,542	5,769,271	169,568	5,599,702						
52	W / O incentive	1,007,218	29,133	978,086	133,965	9,855,542	299,850	9,555,692	5,599,702	169,568	5,430,134	751,990	9,855,542	299,850	9,555,692	5,599,702	169,568	5,430,134	751,990					
53	W incentive	1,007,218	29,133	978,086	133,965	9,855,542	299,850	9,555,692	5,599,702	169,568	5,430,134	751,990	9,855,542	299,850	9,555,692	5,599,702	169,568	5,430,134	751,990					
A	Proj Rev Req w/o Incentive PCY*					124,153							1,230,477									698,197		
B	Proj Rev Req w/ Incentive PCY*					124,153							1,230,477										698,197	
C	Actual Rev Req w/o Incentive PCY*					136,443							1,352,140										767,334	
D	Actual Rev Req w/ Incentive PCY*					136,443							1,352,140											767,334
E	TUA w/o Int w/o Incentive PCY (C-A)					12,290							121,663										69,137	
F	TUA w/o Int w/ Incentive PCY (B-D)					12,290							121,663										69,137	
G	Future Value Factor (1+i)^24 mo (ATT6)					1,07874							1,07874										1,07874	
H	True-Up Adjustment w/o Incentive (E'G)					13,258							131,243										74,581	
I	True-Up Adjustment w/ Incentive (F'G)					13,258							131,243										74,581	
TUA = True-Up Adjustment PCY = Previous Calendar Year																								
W / O incentive						147,223								1,456,089				826,572						
W incentive						147,223								1,456,089				826,572						

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project BF-2				Project BF-3				Project BF-4				
Line Number	(Yes or No)	Yes	B2053	40	Rebuild 28 mile line (Altavista - Skimmer, 115kV)	Yes	B2053	40	Rebuild 28 mile line (Altavista - Skimmer, 115kV)	Yes	B2053	40	Rebuild 28 mile line (Altavista - Skimmer, 115kV)	
10		10.5608%	0	0	0	10.5608%	0	0	0	10.5608%	0	0	0	
13	FOR W/O incentive Line 3	23,185,930				12,489,226				1,006,355				
14	Incentive Factor (Basis Points /100)	579,648				312,231				25,159				
15	FOR W incentive L.13 +(L.14*L.5)	3				6				12				
16	Investment													
17	Annual Depreciation Exp													
18	In Service Month (1-12)													
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
20	W / O incentive 2006													
21	W incentive 2006													
22	W / O incentive 2007													
23	W incentive 2007													
24	W / O incentive 2008													
25	W incentive 2008													
26	W / O incentive 2009													
27	W incentive 2009													
28	W / O incentive 2010													
29	W incentive 2010													
30	W / O incentive 2011													
31	W incentive 2011													
32	W / O incentive 2012													
33	W incentive 2012													
34	W / O incentive 2013													
35	W incentive 2013													
36	W / O incentive 2014													
37	W incentive 2014													
38	W / O incentive 2015	23,185,930	426,873	22,759,057		12,489,226	157,326	12,331,900		1,006,355	975	1,005,380		
39	W incentive 2015	23,185,930	426,873	22,759,057		12,489,226	157,326	12,331,900		1,006,355	975	1,005,380		
40	W / O incentive 2016	22,759,057	539,208	22,219,850		12,331,900	290,447	12,041,453		1,005,380	23,404	981,976		
41	W incentive 2016	22,759,057	539,208	22,219,850		12,331,900	290,447	12,041,453		1,005,380	23,404	981,976		
42	W / O incentive 2017	22,219,850	579,648	21,640,201		12,041,453	312,231	11,729,223		981,976	25,159	956,817		
43	W incentive 2017	22,219,850	579,648	21,640,201		12,041,453	312,231	11,729,223		981,976	25,159	956,817		
44	W / O incentive 2018	21,640,201	579,648	21,060,553		11,729,223	312,231	11,416,992		956,817	25,159	931,658		
45	W incentive 2018	21,640,201	579,648	21,060,553		11,729,223	312,231	11,416,992		956,817	25,159	931,658		
46	W / O incentive 2019	21,060,553	579,648	20,480,905		11,416,992	312,231	11,104,761		931,658	25,159	906,500		
47	W incentive 2019	21,060,553	579,648	20,480,905		11,416,992	312,231	11,104,761		931,658	25,159	906,500		
48	W / O incentive 2020	20,480,905	579,648	19,901,257		11,104,761	312,231	10,792,531		906,500	25,159	881,341		
49	W incentive 2020	20,480,905	579,648	19,901,257		11,104,761	312,231	10,792,531		906,500	25,159	881,341		
50	W / O incentive 2021	19,901,257	579,648	19,321,608		10,792,531	312,231	10,480,300		881,341	25,159	856,182		
51	W incentive 2021	19,901,257	579,648	19,321,608		10,792,531	312,231	10,480,300		881,341	25,159	856,182		
52	W / O incentive 2022	19,321,608	579,648	18,741,960	2,589,566	10,480,300	312,231	10,168,069	1,402,552	856,182	25,159	831,023	114,250	
53	W incentive 2022	19,321,608	579,648	18,741,960	2,589,566	10,480,300	312,231	10,168,069	1,402,552	856,182	25,159	831,023	114,250	
A	Proj Rev Req w/o Incentive PCY*				2,402,764				1,300,588				105,857	
B	Proj Rev Req w/ Incentive PCY*				2,402,764				1,300,588				105,857	
C	Actual Rev Req w/o Incentive PCY*				2,641,366				1,430,211				116,438	
D	Actual Rev Req w/ Incentive PCY*				2,641,366				1,430,211				116,438	
E	TUA w/o Int w/ Incentive PCY (C-A)				238,622				129,623				10,581	
F	TUA w/o Int w/ Incentive PCY (B-D)				238,622				129,623				10,581	
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1,07874				1,07874				1,07874	
H	True-Up Adjustment w/o Incentive (E'G)				257,411				139,830				11,415	
I	True-Up Adjustment w/ Incentive (F'G)				257,411				139,830				11,415	
TUA = True-Up Adjustment PCY = Previous Calendar Year														
<hr/>														
W / O incentive					2,846,977						1,542,382	125,665		
W incentive					2,846,977						1,542,382	125,665		

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages																		
Project BG-1																		
Project BG-2																		
Project BH-1																		
10																		
11	Schedule 12	(Yes or No)	Yes	B1906.1	Yes	B1906.1	Yes	B1908										
12	Life		40	At Yadkin 500 kV, install six 500 kV breakers	40	At Yadkin 500 kV, install six 500 kV breakers	40	Rebuild Lexington-Dooms 500 kV										
13	FOR W/O incentive	Line 3	10.5608%		10.5608%		10.5608%											
14	Incentive Factor (Basis Points /100)		0		0		0											
15	FOR W incentive L.13 +(L.14*L.5)		10.5608%		10.5608%		10.5608%											
16	Investment		4,398,307		5,644,742		74,619,245											
17	Annual Depreciation Exp		109,958		141,119		1,865,481											
18	In Service Month (1-12)		5		11		5											
19	Beginning Depreciation Ending Rev Req Beginning Depreciation Ending Rev Req Beginning Depreciation Ending Rev Req																	
20	W / O incentive	2006																
21	W incentive	2006																
22	W / O incentive	2007																
23	W incentive	2007																
24	W / O incentive	2008																
25	W incentive	2008																
26	W / O incentive	2009																
27	W incentive	2009																
28	W / O incentive	2010																
29	W incentive	2010																
30	W / O incentive	2011																
31	W incentive	2011																
32	W / O incentive	2012																
33	W incentive	2012																
34	W / O incentive	2013																
35	W incentive	2013																
36	W / O incentive	2014																
37	W incentive	2014																
38	W / O incentive	2015	4,398,307	63,929	4,334,378	5,644,742	16,409	5,628,333	74,619,245	1,084,582	73,534,663							
39	W incentive	2015	4,398,307	63,929	4,334,378	5,644,742	16,409	5,628,333	74,619,245	1,084,582	73,534,663							
40	W / O incentive	2016	4,334,378	102,286	4,232,092	5,628,333	131,273	5,497,060	73,534,663	1,735,331	71,799,332							
41	W incentive	2016	4,334,378	102,286	4,232,092	5,628,333	131,273	5,497,060	73,534,663	1,735,331	71,799,332							
42	W / O incentive	2017	4,232,092	109,958	4,122,134	5,497,060	141,119	5,355,941	71,799,332	1,865,481	69,933,851							
43	W incentive	2017	4,232,092	109,958	4,122,134	5,497,060	141,119	5,355,941	71,799,332	1,865,481	69,933,851							
44	W / O incentive	2018	4,122,134	109,958	4,012,177	5,355,941	141,119	5,214,823	69,933,851	1,865,481	68,068,369							
45	W incentive	2018	4,122,134	109,958	4,012,177	5,355,941	141,119	5,214,823	69,933,851	1,865,481	68,068,369							
46	W / O incentive	2019	4,012,177	109,958	3,902,219	5,214,823	141,119	5,073,704	68,068,369	1,865,481	66,202,888							
47	W incentive	2019	4,012,177	109,958	3,902,219	5,214,823	141,119	5,073,704	68,068,369	1,865,481	66,202,888							
48	W / O incentive	2020	3,902,219	109,958	3,792,261	5,073,704	141,119	4,932,586	66,202,888	1,865,481	64,337,407							
49	W incentive	2020	3,902,219	109,958	3,792,261	5,073,704	141,119	4,932,586	66,202,888	1,865,481	64,337,407							
50	W / O incentive	2021	3,792,261	109,958	3,682,304	4,932,586	141,119	4,791,467	64,337,407	1,865,481	62,471,926							
51	W incentive	2021	3,792,261	109,958	3,682,304	4,932,586	141,119	4,791,467	64,337,407	1,865,481	62,471,926							
52	W / O incentive	2022	3,682,304	109,958	3,572,346	4,791,467	141,119	4,650,348	62,471,926	1,865,481	60,606,445	8,364,540						
53	W incentive	2022	3,682,304	109,958	3,572,346	4,791,467	141,119	4,650,348	62,471,926	1,865,481	60,606,445	8,364,540						
A Proj Rev Req w/o Incentive PCY*							457,319				592,784				7,850,974			
B Proj Rev Req w/ Incentive PCY*							457,319				592,784				7,850,974			
C Actual Rev Req w/o Incentive PCY*							502,804				651,996				8,530,303			
D Actual Rev Req w/ Incentive PCY*							502,804				651,996				8,530,303			
E TUA w/o Int w/ Incentive PCY (C-A)							45,485				59,213				679,329			
F TUA w/o Int w/ Incentive PCY (B-D)							45,485				59,213				679,329			
G Future Value Factor (1+) ²⁴ mo (ATT6)							1,07874				1,07874				1,07874			
H True-Up Adjustment w/o Incentive (E*G)							49,067				63,875				732,821			
I True-Up Adjustment w/ Incentive (F*G)							49,067				63,875				732,821			
TUA = True-Up Adjustment PCY = Previous Calendar Year																		
W / O incentive							542,100				703,561				9,097,361			
W incentive							542,100				703,561				9,097,361			

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project BH-2				Project BH-3				Project BI			
Line Number	Description	Yes	B1908	Rebuild Lexington-Dooms 500 kV	Yes	B1908	Rebuild Lexington-Dooms 500 kV	Yes	B1698	Install a 2nd 500/230 kV transformer at Brambleton	Yes	B1698	Install a 2nd 500/230 kV transformer at Brambleton
10	Schedule 12 (Yes or No)	40			40			40			40		
12	Life	10.5608%			10.5608%			10.5608%			10.5608%		
13	FOR W/O incentive Line 3	0			0			0			0		
14	Incentive Factor (Basis Points /100)	10.5608%			10.5608%			10.5608%			10.5608%		
15	FOR W incentive L.13 +(L.14*L.5)	29,711,290			22,611,660			21,908,705			547,718		
16	Investment	742,782			565,291			547,718			6		
17	Annual Depreciation Exp	12			12			6					
18	In Service Month (1-12)												
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014												
37	W incentive 2014												
38	W / O incentive 2015	29,711,290	28,790	29,682,500									
39	W incentive 2015	29,711,290	28,790	29,682,500									
40	W / O incentive 2016	29,682,500	690,960	28,991,540	22,611,660	21,911	22,589,749	21,908,705	275,982	21,632,723			
41	W incentive 2016	29,682,500	690,960	28,991,540	22,611,660	21,911	22,589,749	21,908,705	275,982	21,632,723			
42	W / O incentive 2017	28,991,540	742,782	28,248,758	22,589,749	565,291	22,024,457	21,908,705	547,718	21,360,987			
43	W incentive 2017	28,991,540	742,782	28,248,758	22,589,749	565,291	22,024,457	21,908,705	547,718	21,360,987			
44	W / O incentive 2018	28,248,758	742,782	27,505,975	22,024,457	565,291	21,459,166	21,908,705	547,718	21,360,987			
45	W incentive 2018	28,248,758	742,782	27,505,975	22,024,457	565,291	21,459,166	21,908,705	547,718	21,360,987			
46	W / O incentive 2019	27,505,975	742,782	26,763,193	21,459,166	565,291	20,893,875	21,360,987	547,718	20,813,270			
47	W incentive 2019	27,505,975	742,782	26,763,193	21,459,166	565,291	20,893,875	21,360,987	547,718	20,813,270			
48	W / O incentive 2020	26,763,193	742,782	26,020,411	20,893,875	565,291	20,328,583	20,813,270	547,718	20,265,552			
49	W incentive 2020	26,763,193	742,782	26,020,411	20,893,875	565,291	20,328,583	20,813,270	547,718	20,265,552			
50	W / O incentive 2021	26,020,411	742,782	25,277,629	20,328,583	565,291	19,763,292	20,265,552	547,718	19,717,835			
51	W incentive 2021	26,020,411	742,782	25,277,629	20,328,583	565,291	19,763,292	20,265,552	547,718	19,717,835			
52	W / O incentive 2022	25,277,629	742,782	24,534,846	19,763,292	565,291	19,198,000	19,717,835	547,718	19,170,117	2,601,166		
53	W incentive 2022	25,277,629	742,782	24,534,846	19,763,292	565,291	19,198,000	19,717,835	547,718	19,170,117	2,601,166		
A Proj Rev Req w/o Incentive PCY*						3,188,054				2,408,170			
B Proj Rev Req w/ Incentive PCY*						3,188,054				2,408,170			
C Actual Rev Req w/o Incentive PCY*						3,437,684				2,453,566			
D Actual Rev Req w/ Incentive PCY*						3,437,684				2,453,566			
E TUA w/o Int w/o Incentive PCY (C-A)						249,630				45,396			
F TUA w/o Int w/ Incentive PCY (B-D)						249,630				45,396			
G Future Value Factor (1+) ²⁴ mo (ATT6)						1,07874				1,07874			
H True-Up Adjustment w/o Incentive (E'G)						269,287				48,971			
I True-Up Adjustment w/ Incentive (F'G)						269,287				48,971			
TUA = True-Up Adjustment													
PCY = Previous Calendar Year													
W / O incentive						3,642,378				2,671,584			
W incentive						3,642,378				2,671,584			

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project BJ-1				Project BJ-2				Project BK				
Line Number	(Yes or No)	Yes	B1905.1	Surry to Skiffes Creek 500 kV Line (7 miles overhead)	Yes	B1905.1	Surry to Skiffes Creek 500 kV Line (7 miles overhead)	Yes	B1905.2	Surry 500 kV Station Work	Yes	B1905.2	Surry 500 kV Station Work	
10		40			40			40			40			
11	Schedule 12	10.5608%			10.5608%			10.5608%			10.5608%			
12	Life	0			0			0			0			
13	FOR W/O incentive	11,241,771			235,891,867			1,893,335			47,333			
14	Incentive Factor (Basis Points /100)	281,044			5,897,297			281,044			47,333			
15	FOR W incentive L.13 +(L.14*L.5)	9			2			5			5			
16	Investment													
17	Annual Depreciation Exp													
18	In Service Month (1-12)													
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
20	W / O incentive													
21	W incentive													
22	W / O incentive													
23	W incentive													
24	W / O incentive													
25	W incentive													
26	W / O incentive													
27	W incentive													
28	W / O incentive													
29	W incentive													
30	W / O incentive													
31	W incentive													
32	W / O incentive													
33	W incentive													
34	W / O incentive													
35	W incentive													
36	W / O incentive									1,893,335	27,519	1,865,816		
37	W incentive									1,893,335	27,519	1,865,816		
38	W / O incentive									1,865,816	44,031	1,821,785		
39	W incentive									1,865,816	44,031	1,821,785		
40	W / O incentive									1,821,785	44,031	1,777,754		
41	W incentive									1,821,785	44,031	1,777,754		
42	W / O incentive									1,777,754	47,333	1,730,420		
43	W incentive									1,777,754	47,333	1,730,420		
44	W / O incentive	11,241,771	81,971	11,159,800						1,730,420	47,333	1,683,087		
45	W incentive	11,241,771	81,971	11,159,800						1,730,420	47,333	1,683,087		
46	W / O incentive	11,159,800	281,044	10,878,755						1,683,087	47,333	1,635,753		
47	W incentive	11,159,800	281,044	10,878,755	235,891,867	5,160,135	230,731,732			1,683,087	47,333	1,635,753		
48	W / O incentive	10,878,755	281,044	10,597,711	230,731,732	5,897,297	224,834,436			1,635,753	47,333	1,588,420		
49	W incentive	10,878,755	281,044	10,597,711	230,731,732	5,897,297	224,834,436			1,635,753	47,333	1,588,420		
50	W / O incentive	10,597,711	281,044	10,316,667	224,834,436	5,897,297	218,937,139			1,588,420	47,333	1,541,087		
51	W incentive	10,597,711	281,044	10,316,667	224,834,436	5,897,297	218,937,139			1,588,420	47,333	1,541,087		
52	W / O incentive	10,316,667	281,044	10,035,623	218,937,139	5,897,297	213,039,842	28,707,510		1,541,087	47,333	1,493,753	207,586	
53	W incentive	10,316,667	281,044	10,035,623	218,937,139	5,897,297	213,039,842	28,707,510		1,541,087	47,333	1,493,753	207,586	
A	Proj Rev Req w/o Incentive PCY*				91,613				29,037,052				186,930	
B	Proj Rev Req w/ Incentive PCY*				91,613				29,037,052				186,930	
C	Actual Rev Req w/o Incentive PCY*				1,179,321				29,156,530				211,946	
D	Actual Rev Req w/ Incentive PCY*				1,179,321				29,156,530				211,946	
E	TUA w/o Int w/o Incentive PCY (C-A)				1,087,709				119,478				25,016	
F	TUA w/o Int w/ Incentive PCY (B-D)				1,087,709				119,478				25,016	
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1,07874				1,07874				1,07874	
H	True-Up Adjustment w/o Incentive (E*G)				1,173,357				128,886				26,986	
I	True-Up Adjustment w/ Incentive (F*G)				1,173,357				128,886				26,986	
TUA = True-Up Adjustment PCY = Previous Calendar Year														
<hr/>														
W / O incentive						2,529,089				28,836,396				234,572
W incentive						2,529,089				28,836,396				234,572

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project BL-1				Project BL-2				Project BL-3			
Line Number	(Yes or No)	Yes	B1905.3	40	Skiffes Creek 500-230 kV Tx and Switching Station	Yes	B1905.3	40	Skiffes Creek 500-230 kV Tx and Switching Station	Yes	B1905.3	40	Skiffes Creek 500-230 kV Tx and Switching Station
10													
11	Schedule 12	10.5608%				10.5608%				10.5608%			
12	Life	0				0				0			
13	FOR W/O incentive	9,613,413				38,452,563				38,308,019			
14	Incentive Factor (Basis Points /100)	240,335				961,314				957,700			
15	FOR W incentive L.13 +(L.14*L.5)	9				10				11			
16	Investment												
17	Annual Depreciation Exp												
18	In Service Month (1-12)												
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive												
21	W incentive												
22	W / O incentive												
23	W incentive												
24	W / O incentive												
25	W incentive												
26	W / O incentive												
27	W incentive												
28	W / O incentive												
29	W incentive												
30	W / O incentive												
31	W incentive												
32	W / O incentive												
33	W incentive												
34	W / O incentive	9,613,413	70,098	9,543,315		38,452,563	200,274	38,252,289		38,308,019	119,713	38,188,306	
35	W incentive	9,613,413	70,098	9,543,315		38,452,563	200,274	38,252,289		38,308,019	119,713	38,188,306	
36	W / O incentive	9,543,315	240,335	9,302,980		38,252,289	961,314	37,290,975		38,188,306	957,700	37,230,606	
37	W incentive	9,543,315	240,335	9,302,980		38,252,289	961,314	37,290,975		38,188,306	957,700	37,230,606	
38	W / O incentive	9,302,980	240,335	9,062,645		37,290,975	961,314	36,329,661		37,230,606	957,700	36,272,905	
39	W incentive	9,302,980	240,335	9,062,645		37,290,975	961,314	36,329,661		37,230,606	957,700	36,272,905	
40	W / O incentive	9,062,645	240,335	8,822,309		36,329,661	961,314	35,368,347		36,272,905	957,700	35,315,205	
41	W incentive	9,062,645	240,335	8,822,309		36,329,661	961,314	35,368,347		36,272,905	957,700	35,315,205	
42	W / O incentive	8,822,309	240,335	8,581,974	1,159,355	35,368,347	961,314	34,407,033	4,645,749	35,315,205	957,700	34,357,505	4,636,714
43	W incentive	8,822,309	240,335	8,581,974	1,159,355	35,368,347	961,314	34,407,033	4,645,749	35,315,205	957,700	34,357,505	4,636,714
44	W / O incentive												
45	W incentive												
46	W / O incentive												
47	W incentive												
48	W / O incentive												
49	W incentive												
50	W / O incentive												
51	W incentive												
52	W / O incentive												
53	W incentive												
A Proj Rev Req w/o Incentive PCY*					1,209,708				5,960,367				5,487,823
B Proj Rev Req w/ Incentive PCY*					1,209,708				5,960,367				5,487,823
C Actual Rev Req w/o Incentive PCY*					1,178,004				4,720,065				4,710,471
D Actual Rev Req w/ Incentive PCY*					1,178,004				4,720,065				4,710,471
E TUA w/o Int w/o Incentive PCY (C-A)					(31,703)				(1,240,303)				(777,352)
F TUA w/o Int w/ Incentive PCY (B-D)					(31,703)				(1,240,303)				(777,352)
G Future Value Factor (1+) ⁿ 24 mo (ATT6)					1,07874				1,07874				1,07874
H True-Up Adjustment w/o Incentive (E*G)					(34,200)				(1,337,967)				(838,563)
I True-Up Adjustment w/ Incentive (F*G)					(34,200)				(1,337,967)				(838,563)
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					1,125,155				3,307,782				3,798,151
W incentive					1,125,155				3,307,782				3,798,151

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages													
Project BL-4													
Project BL-5													
Project BM-1													
Line Number													
References on All Pages													
10 Schedule 12 (Yes or No)													
12 Life													
13 FOR W/O incentive Line 3													
14 Incentive Factor (Basis Points /100)													
15 FOR W incentive L.13 +(L.14*L.5)													
16 Investment													
17 Annual Depreciation Exp													
18 In Service Month (1-12)													
19													
20 W / O incentive 2006													
21 W incentive 2006													
22 W / O incentive 2007													
23 W incentive 2007													
24 W / O incentive 2008													
25 W incentive 2008													
26 W / O incentive 2009													
27 W incentive 2009													
28 W / O incentive 2010													
29 W incentive 2010													
30 W / O incentive 2011													
31 W incentive 2011													
32 W / O incentive 2012													
33 W incentive 2012													
34 W / O incentive 2013													
35 W incentive 2013													
36 W / O incentive 2014													
37 W incentive 2014													
38 W / O incentive 2015													
39 W incentive 2015													
40 W / O incentive 2016													
41 W incentive 2016													
42 W / O incentive 2017													
43 W incentive 2017													
44 W / O incentive 2018													
45 W incentive 2018													
46 W / O incentive 2019													
47 W incentive 2019													
48 W / O incentive 2020													
49 W incentive 2020													
50 W / O incentive 2021													
51 W incentive 2021													
52 W / O incentive 2022													
53 W incentive 2022													
A Proj Rev Req w/o Incentive PCY*													
B Proj Rev Req w/ Incentive PCY*													
C Actual Rev Req w/o Incentive PCY*													
D Actual Rev Req w/ Incentive PCY*													
E TUA w/o Int w/o Incentive PCY (C-A)													
F TUA w/o Int w/ Incentive PCY (B-D)													
G Future Value Factor (1+) ⁿ 24 mo (ATT6)													
H True-Up Adjustment w/o Incentive (E*G)													
I True-Up Adjustment w/ Incentive (F*G)													
TUA = True-Up Adjustment													
PCY = Previous Calendar Year													
W / O incentive													
W incentive													
Project BL-4				Project BL-5				Project BM-1					
Yes	40	B1905.3	Skiffes Creek 500-230 kV Tx and Switching Station	Yes	40	B1905.3	Skiffes Creek 500-230 kV Tx and Switching Station	Yes	40	B1905.4	Skiffes Creek - Wheaton 230 kV line		
10.5608%	0			10.5608%	0			10.5608%	0				
18,676,442	466,911			6,414,641	160,366			7,585,377	189,634				
12				2				9					
Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req		
								7,585,377	55,310	7,530,067			
								7,585,377	55,310	7,530,067			
18,676,442	19,455	18,656,987						7,530,067	189,634	7,340,433			
18,676,442	19,455	18,656,987						7,530,067	189,634	7,340,433			
18,656,987	466,911	18,190,076		6,414,641	140,320	6,274,321		7,340,433	189,634	7,150,798			
18,656,987	466,911	18,190,076		6,414,641	140,320	6,274,321		7,340,433	189,634	7,150,798			
18,190,076	466,911	17,723,165		6,274,321	160,366	6,113,955		7,150,798	189,634	6,961,164			
18,190,076	466,911	17,723,165		6,274,321	160,366	6,113,955		7,150,798	189,634	6,961,164			
17,723,165	466,911	17,256,254		6,113,955	160,366	5,953,589		6,961,164	189,634	6,771,529			
17,723,165	466,911	17,256,254		6,113,955	160,366	5,953,589		6,961,164	189,634	6,771,529			
17,256,254	466,911	16,789,343	2,264,663	5,953,589	160,366	5,793,223	780,647	6,771,529	189,634	6,581,895	894,752		
17,256,254	466,911	16,789,343	2,264,663	5,953,589	160,366	5,793,223	780,647	6,771,529	189,634	6,581,895	894,752		
			1,790,973				800,338					(912,691)	
			1,790,973				800,338					(912,691)	
			2,300,485				792,858					910,130	
			2,300,485				792,858					910,130	
			509,512				(7,480)					1,822,821	
			509,512				(7,480)					1,822,821	
			1,07874				1,07874					1,07874	
			549,633				(8,069)					1,966,354	
			549,633				(8,069)					1,966,354	
			2,814,295				772,578					2,861,106	
			2,814,295				772,578					2,861,106	

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project BM-2				Project BM-3				Project BM-4			
Line Number	(Yes or No)	Yes	B1905.4 Skiffes Creek - Whealton 230 kV line			Yes	B1905.4 Skiffes Creek - Whealton 230 kV line			Yes	B1905.4 Skiffes Creek - Whealton 230 kV line		
10		40				40				40			
11	Schedule 12	10.5608%				10.5608%				10.5608%			
12	Life	0				0				0			
13	FOR W/O incentive	10.5608%				10.5608%				10.5608%			
14	Incentive Factor (Basis Points /100)	0				0				0			
15	FOR W incentive L.13 +(L.14*L.5)	10.5608%				10.5608%				10.5608%			
16	Investment	14,074,806				9,383,204				586,450			
17	Annual Depreciation Exp	351,870				234,580				14,661			
18	In Service Month (1-12)	3				6				9			
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive												
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40	W / O incentive												
41	W incentive												
42	W / O incentive												
43	W incentive												
44	W / O incentive	14,074,806	278,564	13,796,242		9,383,204	127,064	9,256,140		586,450	4,276	582,174	
45	W incentive	14,074,806	278,564	13,796,242		9,383,204	127,064	9,256,140		586,450	4,276	582,174	
46	W / O incentive	13,796,242	351,870	13,444,372		9,256,140	234,580	9,021,560		582,174	14,661	567,513	
47	W incentive	13,796,242	351,870	13,444,372		9,256,140	234,580	9,021,560		582,174	14,661	567,513	
48	W / O incentive	13,444,372	351,870	13,092,502		9,021,560	234,580	8,786,980		567,513	14,661	552,851	
49	W incentive	13,444,372	351,870	13,092,502		9,021,560	234,580	8,786,980		567,513	14,661	552,851	
50	W / O incentive	13,092,502	351,870	12,740,632		8,786,980	234,580	8,552,399		552,851	14,661	538,190	
51	W incentive	13,092,502	351,870	12,740,632		8,786,980	234,580	8,552,399		552,851	14,661	538,190	
52	W / O incentive	12,740,632	351,870	12,388,762	1,678,808	8,552,399	234,580	8,317,819	1,125,399	538,190	14,661	523,529	70,724
53	W incentive	12,740,632	351,870	12,388,762	1,678,808	8,552,399	234,580	8,317,819	1,125,399	538,190	14,661	523,529	70,724
A	Proj Rev Req w/o Incentive PCY*				3,331,404				1,893,581				97,782
B	Proj Rev Req w/ Incentive PCY*				3,331,404				1,893,581				97,782
C	Actual Rev Req w/o Incentive PCY*				1,706,728				1,143,807				71,862
D	Actual Rev Req w/ Incentive PCY*				1,706,728				1,143,807				71,862
E	TUA w/o Int w/o Incentive PCY (C-A)				(1,624,676)				(749,774)				(25,920)
F	TUA w/o Int w/ Incentive PCY (B-D)				(1,624,676)				(749,774)				(25,920)
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1.07874				1.07874				1.07874
H	True-Up Adjustment w/o Incentive (E*G)				(1,752,607)				(808,813)				(27,961)
I	True-Up Adjustment w/ Incentive (F*G)				(1,752,607)				(808,813)				(27,961)
TUA = True-Up Adjustment PCY = Previous Calendar Year													
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W / O incentive (73,799) 316,586 42,763													
W incentive (73,799) 316,586 42,763													

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages																																																																																																																																														
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<table border="1"> <tbody> <tr> <td>802,990</td> <td>4,182</td> <td>798,808</td> <td></td> <td>40,250,000</td> <td>41,927</td> <td>40,208,073</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>802,990</td> <td>4,182</td> <td>798,808</td> <td></td> <td>40,250,000</td> <td>41,927</td> <td>40,208,073</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>798,808</td> <td>20,075</td> <td>778,733</td> <td></td> <td>40,208,073</td> <td>1,006,250</td> <td>39,201,823</td> <td></td> <td>10,310,535</td> <td>247,023</td> <td>10,063,512</td> <td></td> <td></td> </tr> <tr> <td>798,808</td> <td>20,075</td> <td>778,733</td> <td></td> <td>40,208,073</td> <td>1,006,250</td> <td>39,201,823</td> <td></td> <td>10,310,535</td> <td>247,023</td> <td>10,063,512</td> <td></td> <td></td> </tr> <tr> <td>778,733</td> <td>20,075</td> <td>758,658</td> <td></td> <td>39,201,823</td> <td>1,006,250</td> <td>38,195,573</td> <td></td> <td>10,063,512</td> <td>257,763</td> <td>9,805,748</td> <td></td> <td></td> </tr> <tr> <td>778,733</td> <td>20,075</td> <td>758,658</td> <td></td> <td>39,201,823</td> <td>1,006,250</td> <td>38,195,573</td> <td></td> <td>10,063,512</td> <td>257,763</td> <td>9,805,748</td> <td></td> <td></td> </tr> <tr> <td>758,658</td> <td>20,075</td> <td>738,584</td> <td></td> <td>38,195,573</td> <td>1,006,250</td> <td>37,189,323</td> <td></td> <td>9,805,748</td> <td>257,763</td> <td>9,547,985</td> <td></td> <td></td> </tr> <tr> <td>758,658</td> <td>20,075</td> <td>738,584</td> <td></td> <td>38,195,573</td> <td>1,006,250</td> <td>37,189,323</td> <td></td> <td>9,805,748</td> <td>257,763</td> <td>9,547,985</td> <td></td> <td></td> </tr> <tr> <td>738,584</td> <td>20,075</td> <td>718,509</td> <td>97,015</td> <td>37,189,323</td> <td>1,006,250</td> <td>36,183,073</td> <td>4,880,623</td> <td>9,547,985</td> <td>257,763</td> <td>9,290,222</td> <td>1,252,500</td> <td></td> </tr> <tr> <td>738,584</td> <td>20,075</td> <td>718,509</td> <td>97,015</td> <td>37,189,323</td> <td>1,006,250</td> <td>36,183,073</td> <td>4,880,623</td> <td>9,547,985</td> <td>257,763</td> <td>9,290,222</td> <td>1,252,500</td> <td></td> </tr> </tbody> </table>													802,990	4,182	798,808		40,250,000	41,927	40,208,073							802,990	4,182	798,808		40,250,000	41,927	40,208,073							798,808	20,075	778,733		40,208,073	1,006,250	39,201,823		10,310,535	247,023	10,063,512			798,808	20,075	778,733		40,208,073	1,006,250	39,201,823		10,310,535	247,023	10,063,512			778,733	20,075	758,658		39,201,823	1,006,250	38,195,573		10,063,512	257,763	9,805,748			778,733	20,075	758,658		39,201,823	1,006,250	38,195,573		10,063,512	257,763	9,805,748			758,658	20,075	738,584		38,195,573	1,006,250	37,189,323		9,805,748	257,763	9,547,985			758,658	20,075	738,584		38,195,573	1,006,250	37,189,323		9,805,748	257,763	9,547,985			738,584	20,075	718,509	97,015	37,189,323	1,006,250	36,183,073	4,880,623	9,547,985	257,763	9,290,222	1,252,500		738,584	20,075	718,509	97,015	37,189,323	1,006,250	36,183,073	4,880,623	9,547,985	257,763	9,290,222	1,252,500	
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758,658	20,075	738,584		38,195,573	1,006,250	37,189,323		9,805,748	257,763	9,547,985																																																																																																																																				
758,658	20,075	738,584		38,195,573	1,006,250	37,189,323		9,805,748	257,763	9,547,985																																																																																																																																				
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G Future Value Factor (1+)^24 mo (ATT6) 1,07874 1,07874 1,07874																																																																																																																																														
H True-Up Adjustment w/o Incentive (E*G) (27,940) (376,649) 110,412																																																																																																																																														
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Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

		Project BN				Project BO				Project BP			
		Yes	B1905.5			Yes	B1905.6			Yes	B1905.7		
		40	Wheaton 230 kV breakers			40	Yorktown 230 kV work			40	Lanexa 115 kV work		
		10.5608%				10.5608%				10.5608%			
		0				0				0			
		10.5608%				10.5608%				10.5608%			
		5,306,172				1,360,503				106,041			
		132,654				34,013				2,651			
		6				2				5			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
10	Schedule 12 (Yes or No)												
11	Life												
12	FOR W/O incentive Line 3												
13	Incentive Factor (Basis Points /100)												
14	FOR W incentive L.13 +(L.14*L.5)												
15	Investment												
16	Annual Depreciation Exp												
17	In Service Month (1-12)												
18													
19													
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014												
37	W incentive 2014												
38	W / O incentive 2015												
39	W incentive 2015												
40	W / O incentive 2016	5,306,172	66,841	5,239,331									
41	W incentive 2016	5,306,172	66,841	5,239,331									
42	W / O incentive 2017	5,239,331	132,654	5,106,677									
43	W incentive 2017	5,239,331	132,654	5,106,677									
44	W / O incentive 2018	5,106,677	132,654	4,974,023									
45	W incentive 2018	5,106,677	132,654	4,974,023									
46	W / O incentive 2019	4,974,023	132,654	4,841,368									
47	W incentive 2019	4,974,023	132,654	4,841,368	1,360,503	29,761	1,330,742			106,041	1,657	104,384	
48	W / O incentive 2020	4,841,368	132,654	4,708,714	1,360,503	29,761	1,330,742			106,041	1,657	104,384	
49	W incentive 2020	4,841,368	132,654	4,708,714	1,330,742	34,013	1,296,729			104,384	2,651	101,733	
50	W / O incentive 2021	4,708,714	132,654	4,576,060	1,330,742	34,013	1,296,729			104,384	2,651	101,733	
51	W incentive 2021	4,708,714	132,654	4,576,060	1,296,729	34,013	1,262,716			101,733	2,651	99,082	
52	W / O incentive 2022	4,576,060	132,654	4,443,405	1,296,729	34,013	1,262,716			101,733	2,651	99,082	
53	W incentive 2022	4,576,060	132,654	4,443,405	608,920	1,262,716	34,013	1,228,704	165,570	99,082	2,651	96,431	12,975
					608,920	1,262,716	34,013	1,228,704	165,570	99,082	2,651	96,431	12,975
	A Proj Rev Req w/o Incentive PCY*				609,409				171,680				10,078
	B Proj Rev Req w/ Incentive PCY*				609,409				171,680				10,078
	C Actual Rev Req w/o Incentive PCY*				627,065				168,160				13,174
	D Actual Rev Req w/ Incentive PCY*				627,065				168,160				13,174
	E TUA w/o Int w/ Incentive PCY (C-A)				17,656				(3,520)				3,097
	F TUA w/o Int w/ Incentive PCY (B-D)				17,656				(3,520)				3,097
	G Future Value Factor (1+) ²⁴ mo (ATT6)				1,07874				1,07874				1,07874
	H True-Up Adjustment w/o Incentive (E'G)				19,047				(3,797)				3,340
	I True-Up Adjustment w/ Incentive (F'G)				19,047				(3,797)				3,340
	TUA = True-Up Adjustment												
	PCY = Previous Calendar Year												
	W / O incentive				627,967				161,773				16,315
	W incentive				627,967				161,773				16,315

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

10		Project BR				Project BS				Project BT-1				
11 Schedule 12	(Yes or No)	Yes	B1905.9			Yes	B1907			Yes	B1909			
12 Life		40	Kings Mill, Peninmen, Toano, Waller, Warkwick			40	Install a 3rd 500/230 kV TX at Clover			40	Uprate Breemo -- Midlothian 230 kV to its maximum operating temperature			
13 FOR W/O incentive	Line 3	10.5608%				10.5608%				10.5608%				
14 Incentive Factor (Basis Points /100)		0				0				0				
15 FOR W incentive L.13 +(L.14*L.5)		10.5608%				10.5608%				10.5608%				
16 Investment		84,722				19,042,583				744,063				
17 Annual Depreciation Exp		2,118				476,065				18,602				
18 In Service Month (1-12)		5				4				6				
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
20 W / O incentive	2006													
21 W incentive	2006													
22 W / O incentive	2007													
23 W incentive	2007													
24 W / O incentive	2008													
25 W incentive	2008													
26 W / O incentive	2009													
27 W incentive	2009													
28 W / O incentive	2010													
29 W incentive	2010													
30 W / O incentive	2011													
31 W incentive	2011													
32 W / O incentive	2012													
33 W incentive	2012													
34 W / O incentive	2013													
35 W incentive	2013													
36 W / O incentive	2014													
37 W incentive	2014													
38 W / O incentive	2015									744,063	9,373	734,691		
39 W incentive	2015									744,063	9,373	734,691		
40 W / O incentive	2016					19,042,583	313,686	18,728,897		734,691	17,304	717,387		
41 W incentive	2016					19,042,583	313,686	18,728,897		734,691	17,304	717,387		
42 W / O incentive	2017					18,728,897	476,065	18,252,832		717,387	18,602	698,785		
43 W incentive	2017					18,728,897	476,065	18,252,832		717,387	18,602	698,785		
44 W / O incentive	2018					18,252,832	476,065	17,776,768		698,785	18,602	680,184		
45 W incentive	2018					18,252,832	476,065	17,776,768		698,785	18,602	680,184		
46 W / O incentive	2019	84,722	1,324	83,398		17,776,768	476,065	17,300,703		680,184	18,602	661,582		
47 W incentive	2019	84,722	1,324	83,398		17,776,768	476,065	17,300,703		680,184	18,602	661,582		
48 W / O incentive	2020	83,398	2,118	81,280		17,300,703	476,065	16,824,639		661,582	18,602	642,980		
49 W incentive	2020	83,398	2,118	81,280		17,300,703	476,065	16,824,639		661,582	18,602	642,980		
50 W / O incentive	2021	81,280	2,118	79,162		16,824,639	476,065	16,348,574		642,980	18,602	624,379		
51 W incentive	2021	81,280	2,118	79,162		16,824,639	476,065	16,348,574		642,980	18,602	624,379		
52 W / O incentive	2022	79,162	2,118	77,044	10,366	16,348,574	476,065	15,872,510	2,177,474	624,379	18,602	605,777	83,559	
53 W incentive	2022	79,162	2,118	77,044	10,366	16,348,574	476,065	15,872,510	2,177,474	624,379	18,602	605,777	83,559	
A Proj Rev Req w/o Incentive PCY*					10,728					2,073,204				79,589
B Proj Rev Req w/ Incentive PCY*					10,728					2,073,204				79,589
C Actual Rev Req w/o Incentive PCY*					10,526					2,250,387				85,207
D Actual Rev Req w/ Incentive PCY*					10,526					2,250,387				85,207
E TUA w/o Int w/o Incentive PCY (C-A)					(203)					177,184				5,618
F TUA w/o Int w/ Incentive PCY (B-D)					(203)					177,184				5,618
G Future Value Factor (1+) ²⁴ mo (ATT6)					1,07874					1,07874				1,07874
H True-Up Adjustment w/o Incentive (E*G)					(218)					191,136				6,060
I True-Up Adjustment w/ Incentive (F*G)					(218)					191,136				6,060
TUA = True-Up Adjustment														
PCY = Previous Calendar Year														
W / O incentive					10,148					2,368,610				89,619
W incentive					10,148					2,368,610				89,619

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project BT-2				Project BT-3				Project BU			
10		B1909				B1909				B1328			
11	Schedule 12 (Yes or No)	Yes	Uprate Breomo – Midlothian 230 kV to its maximum operating temperature			Yes	Uprate Breomo – Midlothian 230 kV to its maximum operating temperature			Yes	Uprate the 3.63 mile line section between Possum and Dumfries substations, Replace 1600 amp wave trap at Possum Point		
12	Life	40				40				40			
13	FOR W/O incentive Line 3	10.5608%				10.5608%				10.5608%			
14	Incentive Factor (Basis Points /100)	0				0				0			
15	FOR W incentive L.13 +(L.14*L.5)	10.5608%				10.5608%				10.5608%			
16	Investment	1,217,598				1,389,088				3,881,027			
17	Annual Depreciation Exp	30,440				34,727				97,026			
18	In Service Month (1-12)	6				5				12			
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009											
27	W incentive	2009											
28	W / O incentive	2010											
29	W incentive	2010											
30	W / O incentive	2011											
31	W incentive	2011											
32	W / O incentive	2012											
33	W incentive	2012											
34	W / O incentive	2013											
35	W incentive	2013											
36	W / O incentive	2014											
37	W incentive	2014											
38	W / O incentive	2015								3,881,027	3,761	3,877,266	
39	W incentive	2015								3,881,027	3,761	3,877,266	
40	W / O incentive	2016	1,217,598	15,338	1,202,260					3,877,266	90,256	3,787,010	
41	W incentive	2016	1,217,598	15,338	1,202,260					3,877,266	90,256	3,787,010	
42	W / O incentive	2017	1,202,260	30,440	1,171,820	1,389,088	21,705	1,367,384		3,787,010	97,026	3,689,984	
43	W incentive	2017	1,202,260	30,440	1,171,820	1,389,088	21,705	1,367,384		3,787,010	97,026	3,689,984	
44	W / O incentive	2018	1,171,820	30,440	1,141,380	1,367,384	34,727	1,332,656		3,689,984	97,026	3,592,959	
45	W incentive	2018	1,171,820	30,440	1,141,380	1,367,384	34,727	1,332,656		3,689,984	97,026	3,592,959	
46	W / O incentive	2019	1,141,380	30,440	1,110,940	1,332,656	34,727	1,297,929		3,592,959	97,026	3,495,933	
47	W incentive	2019	1,141,380	30,440	1,110,940	1,332,656	34,727	1,297,929		3,592,959	97,026	3,495,933	
48	W / O incentive	2020	1,110,940	30,440	1,080,500	1,297,929	34,727	1,263,202		3,495,933	97,026	3,398,907	
49	W incentive	2020	1,110,940	30,440	1,080,500	1,297,929	34,727	1,263,202		3,495,933	97,026	3,398,907	
50	W / O incentive	2021	1,080,500	30,440	1,050,060	1,263,202	34,727	1,228,475		3,398,907	97,026	3,301,881	
51	W incentive	2021	1,080,500	30,440	1,050,060	1,263,202	34,727	1,228,475		3,398,907	97,026	3,301,881	
52	W / O incentive	2022	1,050,060	30,440	1,019,620	1,228,475	34,727	1,193,748	162,631	3,301,881	97,026	3,204,856	440,609
53	W incentive	2022	1,050,060	30,440	1,019,620	1,228,475	34,727	1,193,748	162,631	3,301,881	97,026	3,204,856	440,609
A Proj Rev Req w/o Incentive PCY*					134,448				366,710				408,447
B Proj Rev Req w/ Incentive PCY*					134,448				366,710				408,447
C Actual Rev Req w/o Incentive PCY*					143,892				165,487				449,046
D Actual Rev Req w/ Incentive PCY*					143,892				165,487				449,046
E TUA w/o Int w/o Incentive PCY (C-A)					9,444				(201,223)				40,599
F TUA w/o Int w/ Incentive PCY (B-D)					9,444				(201,223)				40,599
G Future Value Factor (1+i)^24 mo (ATT6)					1,07874				1,07874				1,07874
H True-Up Adjustment w/o Incentive (E*G)					10,188				(217,067)				43,796
I True-Up Adjustment w/ Incentive (F*G)					10,188				(217,067)				43,796
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					149,915				(54,437)				484,405
W incentive					149,915				(54,437)				484,405

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project BV-1A				Project BV-1B				Project BV-1C			
Line Number	Description	Yes	B1912	40	Install a 500 MVAR SVC at Landstown 230 kV (Includes project modifications.)	Yes	B1912	40	Install a 500 MVAR SVC at Landstown 230 kV (Includes project modifications.)	Yes	B1912	40	Install a 500 MVAR SVC at Landstown 230 kV (Includes project modifications.)
10	Schedule 12 (Yes or No)	10.5608%				10.5608%				10.5608%			
11	Life	0				0				0			
13	FOR W/O incentive Line 3	10.5608%				10.5608%				10.5608%			
14	Incentive Factor (Basis Points /100)	0				0				0			
15	FOR W incentive L.13 +(L.14*L.5)	10.5608%				10.5608%				10.5608%			
16	Investment	20,609,513				25,346,313				24,992,898			
17	Annual Depreciation Exp	515,238				633,658				624,822			
18	In Service Month (1-12)	4				6				11			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19	W / O incentive												
20	W incentive												
21	W / O incentive												
22	W incentive												
23	W / O incentive												
24	W incentive												
25	W / O incentive												
26	W incentive												
27	W / O incentive												
28	W incentive												
29	W / O incentive												
30	W incentive												
31	W / O incentive												
32	W incentive												
33	W / O incentive												
34	W incentive												
35	W / O incentive												
36	W incentive												
37	W / O incentive												
38	W incentive												
39	W / O incentive												
40	W incentive	20,609,513	339,498	20,270,015		25,346,313	319,285	25,027,028		24,992,898	72,654	24,920,244	
41	W / O incentive	20,609,513	339,498	20,270,015		25,346,313	319,285	25,027,028		24,992,898	72,654	24,920,244	
42	W incentive	20,270,015	515,238	19,754,777		25,027,028	633,658	24,393,370		24,920,244	624,822	24,295,422	
43	W / O incentive	20,270,015	515,238	19,754,777		25,027,028	633,658	24,393,370		24,920,244	624,822	24,295,422	
44	W incentive	19,754,777	515,238	19,239,539		24,393,370	633,658	23,759,712		24,295,422	624,822	23,670,599	
45	W / O incentive	19,754,777	515,238	19,239,539		24,393,370	633,658	23,759,712		24,295,422	624,822	23,670,599	
46	W incentive	19,239,539	515,238	18,724,301		23,759,712	633,658	23,126,055		23,670,599	624,822	23,045,777	
47	W / O incentive	19,239,539	515,238	18,724,301		23,759,712	633,658	23,126,055		23,670,599	624,822	23,045,777	
48	W incentive	18,724,301	515,238	18,209,064		23,126,055	633,658	22,492,397		23,045,777	624,822	22,420,954	
49	W / O incentive	18,724,301	515,238	18,209,064		23,126,055	633,658	22,492,397		23,045,777	624,822	22,420,954	
50	W incentive	18,209,064	515,238	17,693,826		22,492,397	633,658	21,858,739		22,420,954	624,822	21,796,132	
51	W / O incentive	18,209,064	515,238	17,693,826		22,492,397	633,658	21,858,739		22,420,954	624,822	21,796,132	
52	W incentive	17,693,826	515,238	17,178,588	2,356,649	21,858,739	633,658	21,225,081	2,908,666	21,796,132	624,822	21,171,310	2,893,685
53	W / O incentive	17,693,826	515,238	17,178,588	2,356,649	21,858,739	633,658	21,225,081	2,908,666	21,796,132	624,822	21,171,310	2,893,685
	A Proj Rev Req w/o Incentive PCY*				2,337,592				2,806,895				2,862,343
	B Proj Rev Req w/ Incentive PCY*				2,337,592				2,806,895				2,862,343
	C Actual Rev Req w/o Incentive PCY*				2,435,562				2,956,341				2,953,575
	D Actual Rev Req w/ Incentive PCY*				2,435,562				2,956,341				2,953,575
	E TUA w/o Int w/o Incentive PCY (C-A)				97,970				188,446				91,232
	F TUA w/o Int w/ Incentive PCY (B-D)				97,970				188,446				91,232
	G Future Value Factor (1+i)^24 mo (ATT6)				1,07874				1,07874				1,07874
	H True-Up Adjustment w/o Incentive (E'G)				105,685				203,284				98,416
	I True-Up Adjustment w/ Incentive (F'G)				105,685				203,284				98,416
	TUA = True-Up Adjustment PCY = Previous Calendar Year												
	W / O incentive				2,462,334				3,111,950				2,992,101
	W incentive				2,462,334				3,111,950				2,992,101

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project BV-2A				Project BV-2B				Project BW			
Line Number	Yes (or No)	Yes	B1912	Yes	B1912	Yes	B1701	Yes	B1701	Yes	B1701	Yes	B1701
10	Schedule 12	40	125 MVAr STATCOM at Lynnhaven	40	125 MVAr STATCOM at Lynnhaven	40	Reconductor line #2104 (Fredericksburg - Cranes Corner 230 kV)	40	Reconductor line #2104 (Fredericksburg - Cranes Corner 230 kV)	40	Reconductor line #2104 (Fredericksburg - Cranes Corner 230 kV)	40	Reconductor line #2104 (Fredericksburg - Cranes Corner 230 kV)
11	FOR W/O incentive	10.5608%		10.5608%		10.5608%		10.5608%		10.5608%		10.5608%	
14	Incentive Factor (Basis Points /100)	0		0		0		0		0		0	
15	FOR W incentive L.13 +(L.14*L.5)	10.5608%		10.5608%		10.5608%		10.5608%		10.5608%		10.5608%	
16	Investment	27,334,610		94,777		94,777		3,178,496		3,178,496		3,178,496	
17	Annual Depreciation Exp	683,365		2,369		2,369		79,462		79,462		79,462	
18	In Service Month (1-12)	4		10		10		11		11		11	
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19	W / O incentive												
20	W incentive												
21	W / O incentive												
22	W incentive												
23	W / O incentive												
24	W incentive												
25	W / O incentive												
26	W incentive												
27	W / O incentive												
28	W incentive												
29	W / O incentive												
30	W incentive												
31	W / O incentive												
32	W incentive												
33	W / O incentive												
34	W incentive												
35	W / O incentive												
36	W incentive												
37	W / O incentive												
38	W incentive												
39	W / O incentive												
40	W incentive									3,178,496	9,240	3,169,256	
41	W / O incentive									3,178,496	9,240	3,169,256	
42	W incentive	27,334,610	484,050	26,850,560						3,169,256	79,462	3,089,794	
43	W / O incentive	27,334,610	484,050	26,850,560						3,089,794	79,462	3,010,331	
44	W incentive	26,850,560	683,365	26,167,194	94,777	494	94,283			3,089,794	79,462	3,010,331	
45	W / O incentive	26,850,560	683,365	26,167,194	94,777	494	94,283			3,089,794	79,462	3,010,331	
46	W incentive	26,167,194	683,365	25,483,829	94,283	2,369	91,914			3,010,331	79,462	2,930,869	
47	W / O incentive	26,167,194	683,365	25,483,829	94,283	2,369	91,914			3,010,331	79,462	2,930,869	
48	W incentive	25,483,829	683,365	24,800,464	91,914	2,369	89,545			2,930,869	79,462	2,851,407	
49	W / O incentive	25,483,829	683,365	24,800,464	91,914	2,369	89,545			2,930,869	79,462	2,851,407	
50	W incentive	24,800,464	683,365	24,117,099	89,545	2,369	87,175			2,851,407	79,462	2,771,944	
51	W / O incentive	24,800,464	683,365	24,117,099	89,545	2,369	87,175			2,851,407	79,462	2,771,944	
52	W incentive	24,117,099	683,365	23,433,733	3,194,250	87,175	2,369	84,806	11,451	2,771,944	79,462	2,692,482	368,007
53	W / O incentive	24,117,099	683,365	23,433,733	3,194,250	87,175	2,369	84,806	11,451	2,771,944	79,462	2,692,482	368,007
A	Proj Rev Req w/o Incentive PCY*				2,900,851				14,691				350,426
B	Proj Rev Req w/ Incentive PCY*				2,900,851				14,691				350,426
C	Actual Rev Req w/o Incentive PCY*				3,250,663				11,634				375,624
D	Actual Rev Req w/ Incentive PCY*				3,250,663				11,634				375,624
E	TUA w/o Int w/ Incentive PCY (C-A)				349,812				(3,057)				25,198
F	TUA w/ Int w/ Incentive PCY (B-D)				349,812				(3,057)				25,198
G	Future Value Factor (1+i)^24 mo (ATT6)				1,07874				1,07874				1,07874
H	True-Up Adjustment w/o Incentive (E*G)				377,357				(3,298)				27,182
I	True-Up Adjustment w/ Incentive (F*G)				377,357				(3,298)				27,182
TUA = True-Up Adjustment PCY = Previous Calendar Year													
<hr/>													
W / O incentive													
W incentive													
<hr/>													

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages													
		Project BX				Project BY-1				Project BY-2			
		Yes	B1791			Yes	B1694			Yes	B1694		
		40	Wreck and rebuild 2.1 mile section of			40	Rebuild Loudoun - Brambleton 500 kV			40	Rebuild Loudoun - Brambleton 500 kV		
		10.5608%	Gordonsville and Somerset (Line #11)			10.5608%				10.5608%			
		0				0				0			
		10.5608%				10.5608%				10.5608%			
		3,441,461				27,953,612				2,711,987			
		86,037				698,840				67,800			
		5				2				5			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009											
27	W incentive	2009											
28	W / O incentive	2010											
29	W incentive	2010											
30	W / O incentive	2011											
31	W incentive	2011											
32	W / O incentive	2012											
33	W incentive	2012											
34	W / O incentive	2013											
35	W incentive	2013											
36	W / O incentive	2014											
37	W incentive	2014											
38	W / O incentive	2015	3,441,461	50,021	3,391,440								
39	W incentive	2015	3,441,461	50,021	3,391,440								
40	W / O incentive	2016	3,391,440	80,034	3,311,406	27,953,612	568,824	27,384,789		2,711,987	39,418	2,672,569	
41	W incentive	2016	3,391,440	80,034	3,311,406	27,953,612	568,824	27,384,789		2,711,987	39,418	2,672,569	
42	W / O incentive	2017	3,311,406	86,037	3,225,369	27,384,789	698,840	26,685,948		2,672,569	67,800	2,604,769	
43	W incentive	2017	3,311,406	86,037	3,225,369	27,384,789	698,840	26,685,948		2,672,569	67,800	2,604,769	
44	W / O incentive	2018	3,225,369	86,037	3,139,333	26,685,948	698,840	25,987,108		2,604,769	67,800	2,536,969	
45	W incentive	2018	3,225,369	86,037	3,139,333	26,685,948	698,840	25,987,108		2,604,769	67,800	2,536,969	
46	W / O incentive	2019	3,139,333	86,037	3,053,296	25,987,108	698,840	25,288,268		2,536,969	67,800	2,469,170	
47	W incentive	2019	3,139,333	86,037	3,053,296	25,987,108	698,840	25,288,268		2,536,969	67,800	2,469,170	
48	W / O incentive	2020	3,053,296	86,037	2,967,260	25,288,268	698,840	24,589,427		2,469,170	67,800	2,401,370	
49	W incentive	2020	3,053,296	86,037	2,967,260	25,288,268	698,840	24,589,427		2,469,170	67,800	2,401,370	
50	W / O incentive	2021	2,967,260	86,037	2,881,223	24,589,427	698,840	23,890,587		2,401,370	67,800	2,333,570	
51	W incentive	2021	2,967,260	86,037	2,881,223	24,589,427	698,840	23,890,587		2,401,370	67,800	2,333,570	
52	W / O incentive	2022	2,881,223	86,037	2,795,187	23,890,587	698,840	23,191,747	3,184,987	2,333,570	67,800	2,265,771	310,664
53	W incentive	2022	2,881,223	86,037	2,795,187	23,890,587	698,840	23,191,747	3,184,987	2,333,570	67,800	2,265,771	310,664
A Proj Rev Req w/o Incentive PCY*					357,830					2,966,496			296,610
B Proj Rev Req w/ Incentive PCY*					357,830					2,966,496			296,610
C Actual Rev Req w/o Incentive PCY*					393,420					3,245,379			316,468
D Actual Rev Req w/ Incentive PCY*					393,420					3,245,379			316,468
E TUA w/o Int w/o Incentive PCY (C-A)					35,590					278,883			19,858
F TUA w/o Int w/ Incentive PCY (B-D)					35,590					278,883			19,858
G Future Value Factor (1+) ²⁴ mo (ATT6)					1,07874					1,07874			1,07874
H True-Up Adjustment w/o Incentive (E*G)					38,392					300,843			21,422
I True-Up Adjustment w/ Incentive (F*G)					38,392					300,843			21,422
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					424,167					3,485,830			332,086
W incentive					424,167					3,485,830			332,086

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project BY-3				Project BY-4				Project BZ-1			
Line Number	(Yes or No)	Yes	B1694	Rebuild Loudoun - Brambleton 500 kV	Yes	B1694	Rebuild Loudoun - Brambleton 500 kV	Yes	B1696	Install a breaker and a half scheme with a minimum of eight 230 kV breakers for five existing lines at Idylwood 230 kV	Yes	B1696	Install a breaker and a half scheme with a minimum of eight 230 kV breakers for five existing lines at Idylwood 230 kV
10		40			40			40			40		
11	Schedule 12	10.5608%			10.5608%			10.5608%			10.5608%		
12	Life	0			0			0			0		
13	FOR W/O incentive	10.5608%			10.5608%			10.5608%			10.5608%		
14	Incentive Factor (Basis Points /100)	0			0			0			0		
15	FOR W incentive L.13 +(L.14*L.5)	10.5608%			10.5608%			10.5608%			10.5608%		
16	Investment	15,702,803			477,481			2,147,423			2,147,423		
17	Annual Depreciation Exp	392,570			11,937			53,686			53,686		
18	In Service Month (1-12)	6			7			1			1		
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive												
21	W incentive												
22	W / O incentive												
23	W incentive												
24	W / O incentive												
25	W incentive												
26	W / O incentive												
27	W incentive												
28	W / O incentive												
29	W incentive												
30	W / O incentive												
31	W incentive												
32	W / O incentive												
33	W incentive												
34	W / O incentive												
35	W incentive												
36	W / O incentive												
37	W incentive												
38	W / O incentive												
39	W incentive												
40	W / O incentive	15,702,803	197,807	15,504,996	477,481	5,089	472,392	2,147,423	47,859	2,099,564			
41	W incentive	15,702,803	197,807	15,504,996	477,481	5,089	472,392	2,147,423	47,859	2,099,564			
42	W / O incentive	15,504,996	392,570	15,112,426	472,392	11,937	460,455	2,099,564	53,686	2,045,878			
43	W incentive	15,504,996	392,570	15,112,426	472,392	11,937	460,455	2,099,564	53,686	2,045,878			
44	W / O incentive	15,112,426	392,570	14,719,856	460,455	11,937	448,518	2,045,878	53,686	1,992,193			
45	W incentive	15,112,426	392,570	14,719,856	460,455	11,937	448,518	2,045,878	53,686	1,992,193			
46	W / O incentive	14,719,856	392,570	14,327,286	448,518	11,937	436,580	1,992,193	53,686	1,938,507			
47	W incentive	14,719,856	392,570	14,327,286	448,518	11,937	436,580	1,992,193	53,686	1,938,507			
48	W / O incentive	14,327,286	392,570	13,934,716	436,580	11,937	424,643	1,938,507	53,686	1,884,821			
49	W incentive	14,327,286	392,570	13,934,716	436,580	11,937	424,643	1,938,507	53,686	1,884,821			
50	W / O incentive	13,934,716	392,570	13,542,146	424,643	11,937	412,706	1,884,821	53,686	1,831,136			
51	W incentive	13,934,716	392,570	13,542,146	424,643	11,937	412,706	1,884,821	53,686	1,831,136			
52	W / O incentive	13,542,146	392,570	13,149,576	412,706	11,937	400,769	1,831,136	53,686	1,777,450	244,234		
53	W incentive	13,542,146	392,570	13,149,576	412,706	11,937	400,769	1,831,136	53,686	1,777,450	244,234		
A	Proj Rev Req w/o Incentive PCY*				1,677,798			51,973			226,756		
B	Proj Rev Req w/ Incentive PCY*				1,677,798			51,973			226,756		
C	Actual Rev Req w/o Incentive PCY*				1,835,505			55,907			248,888		
D	Actual Rev Req w/ Incentive PCY*				1,835,505			55,907			248,888		
E	TUA w/o Int w/ Incentive PCY (C-A)				157,707			3,935			22,132		
F	TUA w/o Int w/ Incentive PCY (B-D)				157,707			3,935			22,132		
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1,07874			1,07874			1,07874		
H	True-Up Adjustment w/o Incentive (E*G)				170,125			4,244			23,875		
I	True-Up Adjustment w/ Incentive (F*G)				170,125			4,244			23,875		
	TUA = True-Up Adjustment PCY = Previous Calendar Year												
	W / O incentive				1,972,131			59,136			268,109		
	W incentive				1,972,131			59,136			268,109		

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project BZ-2				Project CA-1				Project CA-2			
Line Number	Description	Yes	B1696	Yes	B2373	Yes	B2373	Yes	B2373	Yes	B2373	Yes	B2373
10	11 Schedule 12 (Yes or No)	40		40		40		40		40		40	
12	12 Life	10.5608%		10.5608%		10.5608%		10.5608%		10.5608%		10.5608%	
13	13 FOR W/O incentive Line 3	0		0		0		0		0		0	
14	14 Incentive Factor (Basis Points /100)	10.5608%		10.5608%		10.5608%		10.5608%		10.5608%		10.5608%	
15	15 FOR W incentive L.13 +(L.14*L.5)	39,344,636		28,003,295		28,003,295		14,820,826		14,820,826		370,521	
16	16 Investment	983,616		700,082		700,082		370,521		370,521		9	
17	17 Annual Depreciation Exp	8		12		12		9		9			
18	18 In Service Month (1-12)												
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	20 W / O incentive 2006												
21	21 W incentive 2006												
22	22 W / O incentive 2007												
23	23 W incentive 2007												
24	24 W / O incentive 2008												
25	25 W incentive 2008												
26	26 W / O incentive 2009												
27	27 W incentive 2009												
28	28 W / O incentive 2010												
29	29 W incentive 2010												
30	30 W / O incentive 2011												
31	31 W incentive 2011												
32	32 W / O incentive 2012												
33	33 W incentive 2012												
34	34 W / O incentive 2013												
35	35 W incentive 2013												
36	36 W / O incentive 2014												
37	37 W incentive 2014												
38	38 W / O incentive 2015					28,003,295	27,135	27,976,160					
39	39 W incentive 2015					28,003,295	27,135	27,976,160					
40	40 W / O incentive 2016					27,976,160	651,239	27,324,921		14,820,826	100,529	14,720,297	
41	41 W incentive 2016					27,976,160	651,239	27,324,921		14,820,826	100,529	14,720,297	
42	42 W / O incentive 2017					27,324,921	700,082	26,624,838		14,720,297	370,521	14,349,776	
43	43 W incentive 2017					27,324,921	700,082	26,624,838		14,720,297	370,521	14,349,776	
44	44 W / O incentive 2018					26,624,838	700,082	25,924,756		14,349,776	370,521	13,979,256	
45	45 W incentive 2018					26,624,838	700,082	25,924,756		14,349,776	370,521	13,979,256	
46	46 W / O incentive 2019					25,924,756	700,082	25,224,673		13,979,256	370,521	13,608,735	
47	47 W incentive 2019					25,924,756	700,082	25,224,673		13,979,256	370,521	13,608,735	
48	48 W / O incentive 2020					25,224,673	700,082	24,524,591		13,608,735	370,521	13,238,214	
49	49 W incentive 2020					25,224,673	700,082	24,524,591		13,608,735	370,521	13,238,214	
50	50 W / O incentive 2021					24,524,591	700,082	23,824,509		13,238,214	370,521	12,867,694	
51	51 W incentive 2021					24,524,591	700,082	23,824,509		13,238,214	370,521	12,867,694	
52	52 W / O incentive 2022	39,344,636	368,856	38,975,780	1,919,725	23,824,509	700,082	23,124,426	3,179,185	12,867,694	370,521	12,497,173	1,709,893
53	53 W incentive 2022	39,344,636	368,856	38,975,780	1,919,725	23,824,509	700,082	23,124,426	3,179,185	12,867,694	370,521	12,497,173	1,709,893
A Proj Rev Req w/o Incentive PCY*		2,654,317				2,827,307				1,715,925			
B Proj Rev Req w/ Incentive PCY*		2,654,317				2,827,307				1,715,925			
C Actual Rev Req w/o Incentive PCY*		-				3,240,064				1,741,209			
D Actual Rev Req w/ Incentive PCY*		-				3,240,064				1,741,209			
E TUA w/o Int w/o Incentive PCY (C-A)		(2,654,317)				412,757				25,285			
F TUA w/o Int w/ Incentive PCY (B-D)		(2,654,317)				412,757				25,285			
G Future Value Factor (1+i)^24 mo (ATT6)		1.07874				1.07874				1.07874			
H True-Up Adjustment w/o Incentive (E*G)		(2,863,325)				445,258				27,276			
I True-Up Adjustment w/ Incentive (F*G)		(2,863,325)				445,258				27,276			
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive		(943,600)				3,624,443				1,737,169			
W incentive		(943,600)				3,624,443				1,737,169			

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project CA-3				Project CB-1				Project CB-2			
10		Yes	B2373			Yes	B2582			Yes	B2582		
11	Schedule 12 (Yes or No)	40	Build 2nd Loudoun - Brambleton 500 kV			40	Rebuild the Elmont - Cunningham 500 kV line			40	Rebuild the Elmont - Cunningham 500 kV line		
12	Life	10.5608%	within existing ROW. The Loudoun - Brambleton 230 kV line relocated as an underbuild on the new 500 kV line.			10.5608%				10.5608%			
13	FCR W/O incentive Line 3	0				0				0			
14	Incentive Factor (Basis Points /100)	10.5608%				10.5608%				10.5608%			
15	FOR W incentive L.13 +(L.14*L.5)	1,620,339				70,500,568				23,207,316			
16	Investment	40,508				1,762,514				580,183			
17	Annual Depreciation Exp	12				5				1			
18	In Service Month (1-12)												
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014												
37	W incentive 2014												
38	W / O incentive 2015												
39	W incentive 2015												
40	W / O incentive 2016	1,620,339	1,570	1,618,769									
41	W incentive 2016	1,620,339	1,570	1,618,769									
42	W / O incentive 2017	1,618,769	40,508	1,578,260		70,500,568	1,101,571	69,398,996					
43	W incentive 2017	1,618,769	40,508	1,578,260		70,500,568	1,101,571	69,398,996					
44	W / O incentive 2018	1,578,260	40,508	1,537,752		69,398,996	1,762,514	67,636,482		23,207,316	556,009	22,651,308	
45	W incentive 2018	1,578,260	40,508	1,537,752		69,398,996	1,762,514	67,636,482		23,207,316	556,009	22,651,308	
46	W / O incentive 2019	1,537,752	40,508	1,497,243		67,636,482	1,762,514	65,873,968		22,651,308	580,183	22,071,125	
47	W incentive 2019	1,537,752	40,508	1,497,243		67,636,482	1,762,514	65,873,968		22,651,308	580,183	22,071,125	
48	W / O incentive 2020	1,497,243	40,508	1,456,735		65,873,968	1,762,514	64,111,454		22,071,125	580,183	21,490,942	
49	W incentive 2020	1,497,243	40,508	1,456,735		65,873,968	1,762,514	64,111,454		22,071,125	580,183	21,490,942	
50	W / O incentive 2021	1,456,735	40,508	1,416,227		64,111,454	1,762,514	62,348,939		21,490,942	580,183	20,910,759	
51	W incentive 2021	1,456,735	40,508	1,416,227		64,111,454	1,762,514	62,348,939		21,490,942	580,183	20,910,759	
52	W / O incentive 2022	1,416,227	40,508	1,375,718	187,935	62,348,939	1,762,514	60,586,425	8,254,022	20,910,759	580,183	20,330,576	2,757,900
53	W incentive 2022	1,416,227	40,508	1,375,718	187,935	62,348,939	1,762,514	60,586,425	8,254,022	20,910,759	580,183	20,330,576	2,757,900
A Proj Rev Req w/o Incentive PCY*					174,133				8,567,161				2,859,565
B Proj Rev Req w/ Incentive PCY*					174,133				8,567,161				2,859,565
C Actual Rev Req w/o Incentive PCY*					191,326				8,399,006				2,804,273
D Actual Rev Req w/ Incentive PCY*					191,326				8,399,006				2,804,273
E TUA w/o Int w/o Incentive PCY (C-A)					17,193				(168,155)				(55,291)
F TUA w/o Int w/ Incentive PCY (B-D)					17,193				(168,155)				(55,291)
G Future Value Factor (1+) ⁿ 24 mo (ATT6)					1,07874				1,07874				1,07874
H True-Up Adjustment w/o Incentive (E*G)					18,547				(181,396)				(59,645)
I True-Up Adjustment w/ Incentive (F*G)					18,547				(181,396)				(59,645)
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					206,482				8,072,626				2,698,255
W incentive					206,482				8,072,626				2,698,255

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project CC				Project CD-1				Project CE-1			
10		Yes	B1911			Yes	B2443			Yes	B2471		
11	Schedule 12 (Yes or No)	40	Add a second Valley 500/230 kV TX			40	Glebe to Station C 230 kV UG line			40	R/P Midlothian 500 kV breaker and		
12	Life	10.5608%				10.5608%				10.5608%	M.O. switches with 3 breaker 500 kV ring bus.		
13	FOR W/O incentive Line 3	0				0				0	Terminate Lines #563 Carson - Midlothian,		
14	Incentive Factor (Basis Points /100)	10.5608%				10.5608%				10.5608%	#576 Midlothian - North Anna,		
15	FOR W incentive L.13 +(L.14*L.5)	21,934,675				-				7,896,194	Transformer #2 in new ring		
16	Investment	548,367				-				197,405			
17	Annual Depreciation Exp	6				-				11			
18	In Service Month (1-12)												
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014												
37	W incentive 2014												
38	W / O incentive 2015									7,896,194	22,954	7,873,240	
39	W incentive 2015									7,896,194	22,954	7,873,240	
40	W / O incentive 2016	21,934,675	276,309	21,658,366						7,873,240	183,632	7,689,608	
41	W incentive 2016	21,934,675	276,309	21,658,366						7,873,240	183,632	7,689,608	
42	W / O incentive 2017	21,658,366	548,367	21,109,999						7,689,608	197,405	7,492,203	
43	W incentive 2017	21,658,366	548,367	21,109,999						7,689,608	197,405	7,492,203	
44	W / O incentive 2018	21,109,999	548,367	20,561,632						7,492,203	197,405	7,294,798	
45	W incentive 2018	21,109,999	548,367	20,561,632						7,492,203	197,405	7,294,798	
46	W / O incentive 2019	20,561,632	548,367	20,013,265						7,294,798	197,405	7,097,393	
47	W incentive 2019	20,561,632	548,367	20,013,265						7,294,798	197,405	7,097,393	
48	W / O incentive 2020	20,013,265	548,367	19,464,899						7,097,393	197,405	6,899,988	
49	W incentive 2020	20,013,265	548,367	19,464,899						7,097,393	197,405	6,899,988	
50	W / O incentive 2021	19,464,899	548,367	18,916,532						6,899,988	197,405	6,702,583	
51	W incentive 2021	19,464,899	548,367	18,916,532						6,899,988	197,405	6,702,583	
52	W / O incentive 2022	18,916,532	548,367	18,368,165	2,517,157					6,702,583	197,405	6,505,178	894,831
53	W incentive 2022	18,916,532	548,367	18,368,165	2,517,157					6,702,583	197,405	6,505,178	894,831
	A Proj Rev Req w/o Incentive PCY*				2,338,653				-				829,418
	B Proj Rev Req w/ Incentive PCY*				2,338,653				-				829,418
	C Actual Rev Req w/o Incentive PCY*				2,563,951				-				912,050
	D Actual Rev Req w/ Incentive PCY*				2,563,951				-				912,050
	E TUA w/o Int w/ Incentive PCY (C-A)				225,297				-				82,632
	F TUA w/o Int w/ Incentive PCY (B-D)				225,297				-				82,632
	G Future Value Factor (1+i)^24 mo (ATT6)				1.07874				1.07874				1.07874
	H True-Up Adjustment w/o Incentive (E'G)				243,038				-				89,139
	I True-Up Adjustment w/ Incentive (F'G)				243,038				-				89,139
	TUA = True-Up Adjustment PCY = Previous Calendar Year												
	W / O incentive				2,760,194				-				983,969
	W incentive				2,760,194				-				983,969

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project CF-1				Project CF-2				Project CG-1			
Line Number	(Yes or No)	Yes	B2665	Rebuild the Cunningham - Dooms 500 kV line	Yes	B2665	Rebuild the Cunningham - Dooms 500 kV line	Yes	B2758	Rebuild Line #549 Dooms - Valley 500 kV line	Yes	B2758	Rebuild Line #549 Dooms - Valley 500 kV line
10	Schedule 12	40			40			40			40		
11	Life	10.5608%			10.5608%			10.5608%			10.5608%		
12	FOR W/O incentive	0			0			0			0		
13	Incentive Factor (Basis Points /100)	10.5608%			10.5608%			10.5608%			10.5608%		
14	FOR W incentive L.13 +(L.14*L.5)	26,265,298			53,962,865			464,932			464,932		
15	Investment	656,632			1,349,072			11,623			11,623		
16	Annual Depreciation Exp	5			1			1			1		
17	In Service Month (1-12)												
18													
19													
20	W / O incentive												
21	W incentive												
22	W / O incentive												
23	W incentive												
24	W / O incentive												
25	W incentive												
26	W / O incentive												
27	W incentive												
28	W / O incentive												
29	W incentive												
30	W / O incentive												
31	W incentive												
32	W / O incentive												
33	W incentive												
34	W / O incentive												
35	W incentive												
36	W / O incentive												
37	W incentive												
38	W / O incentive												
39	W incentive												
40	W / O incentive												
41	W incentive												
42	W / O incentive												
43	W incentive												
44	W / O incentive	26,265,298	410,395	25,854,902									
45	W incentive	26,265,298	410,395	25,854,902									
46	W / O incentive	25,854,902	656,632	25,198,270	53,962,865	1,292,860	52,670,004	464,932	11,139	453,793			
47	W incentive	25,854,902	656,632	25,198,270	53,962,865	1,292,860	52,670,004	464,932	11,139	453,793			
48	W / O incentive	25,198,270	656,632	24,541,637	53,962,865	1,292,860	52,670,004	464,932	11,139	453,793			
49	W incentive	25,198,270	656,632	24,541,637	53,962,865	1,292,860	52,670,004	464,932	11,139	453,793			
50	W / O incentive	24,541,637	656,632	23,885,005	52,670,004	1,349,072	51,320,933	453,793	11,623	442,170			
51	W incentive	24,541,637	656,632	23,885,005	52,670,004	1,349,072	51,320,933	453,793	11,623	442,170			
52	W / O incentive	23,885,005	656,632	23,228,373	51,320,933	1,349,072	49,971,861	442,170	11,623	430,547			57,706
53	W incentive	23,885,005	656,632	23,228,373	51,320,933	1,349,072	49,971,861	442,170	11,623	430,547			57,706
A	Proj Rev Req w/o Incentive PCY*				2,938,892			5,641,149					3,196,942
B	Proj Rev Req w/ Incentive PCY*				2,938,892			5,641,149					3,196,942
C	Actual Rev Req w/o Incentive PCY*				3,196,136			6,658,398					57,367
D	Actual Rev Req w/ Incentive PCY*				3,196,136			6,658,398					57,367
E	TUA w/o Int w/ Incentive PCY (C-A)				257,245			1,017,249					(3,139,575)
F	TUA w/o Int w/ Incentive PCY (B-D)				257,245			1,017,249					(3,139,575)
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1,07874			1,07874					1,07874
H	True-Up Adjustment w/o Incentive (E*G)				277,501			1,097,350					(3,386,793)
I	True-Up Adjustment w/ Incentive (F*G)				277,501			1,097,350					(3,386,793)
	TUA = True-Up Adjustment												
	PCY = Previous Calendar Year												
	W / O incentive				3,421,919			7,795,110					(3,329,086)
	W incentive				3,421,919			7,795,110					(3,329,086)

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project CG-2				Project CG-3				Project CI-1			
Line Number	Yes or No	Yes	Depreciation	Ending	Rev Req	Yes	Depreciation	Ending	Rev Req	Yes	Depreciation	Ending	Rev Req
10													
11	Schedule 12 (Yes or No)	40				40				40			
12	Life	10.5608%				10.5608%				10.5608%			
13	FOR W/O incentive Line 3	0				0				0			
14	Incentive Factor (Basis Points /100)	10.5608%				10.5608%				10.5608%			
15	FOR W incentive L.13 +(L.14*L.5)	32,363,872				24,621,989				6,667,910			
16	Investment	809,097				615,550				166,698			
17	Annual Depreciation Exp	12				6				12			
18	In Service Month (1-12)												
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014												
37	W incentive 2014												
38	W / O incentive 2015												
39	W incentive 2015												
40	W / O incentive 2016												
41	W incentive 2016												
42	W / O incentive 2017												
43	W incentive 2017												
44	W / O incentive 2018												
45	W incentive 2018												
46	W / O incentive 2019	32,363,872	33,712	32,330,160						6,667,910	6,946	6,660,964	
47	W incentive 2019	32,363,872	33,712	32,330,160						6,667,910	6,946	6,660,964	
48	W / O incentive 2020	32,363,872	33,712	32,330,160	24,621,989	333,423	24,288,566			6,660,964	166,698	6,494,267	
49	W incentive 2020	32,363,872	33,712	32,330,160	24,621,989	333,423	24,288,566			6,660,964	166,698	6,494,267	
50	W / O incentive 2021	32,330,160	809,097	31,521,063	24,288,566	615,550	23,673,017			6,494,267	166,698	6,327,569	
51	W incentive 2021	32,330,160	809,097	31,521,063	24,288,566	615,550	23,673,017			6,494,267	166,698	6,327,569	
52	W / O incentive 2022	31,521,063	809,097	30,711,966	4,095,264	23,673,017	615,550	23,057,467	3,083,117	6,327,569	166,698	6,160,871	826,140
53	W incentive 2022	31,521,063	809,097	30,711,966	4,095,264	23,673,017	615,550	23,057,467	3,083,117	6,327,569	166,698	6,160,871	826,140
A	Proj Rev Req w/o Incentive PCY*				2,008,877				-				1,199,710
B	Proj Rev Req w/ Incentive PCY*				2,008,877				-				1,199,710
C	Actual Rev Req w/o Incentive PCY*				4,069,063				1,686,052				838,347
D	Actual Rev Req w/ Incentive PCY*				4,069,063				1,686,052				838,347
E	TUA w/o Int w/o Incentive PCY (C-A)				2,060,186				1,686,052				(361,363)
F	TUA w/o Int w/ Incentive PCY (B-D)				2,060,186				1,686,052				(361,363)
G	Future Value Factor (1+i)^24 mo (ATT6)				1,07874				1,07874				1,07874
H	True-Up Adjustment w/o Incentive (E*G)				2,222,410				1,818,815				(389,818)
I	True-Up Adjustment w/ Incentive (F*G)				2,222,410				1,818,815				(389,818)
	TUA = True-Up Adjustment PCY = Previous Calendar Year												
	W / O incentive				6,317,674				4,901,932				436,322
	W incentive				6,317,674				4,901,932				436,322

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project CI-2				Project CJ-1				Project CJ-2			
Line Number	(Yes or No)	Yes	B2729	Yes	B2744	Yes	B2744	Yes	B2744	Yes	B2744	Yes	B2744
10		40	New 175 MVAR Capacitor at Brambleton &	40	Rebuild the Carson-Rogers rd 500 kV circuit	40	Rebuild the Carson-Rogers rd 500 kV circuit	40	Rebuild the Carson-Rogers rd 500 kV circuit	40	Rebuild the Carson-Rogers rd 500 kV circuit	40	Rebuild the Carson-Rogers rd 500 kV circuit
12	Life	10.5608%	Ashburn, New 300 MVAR Cap at Shelhorn, New 150 MVAR Cap at Liberty	10.5608%		10.5608%		10.5608%		10.5608%		10.5608%	
13	FOR W/O incentive	0		0		0		0		0		0	
14	Incentive Factor (Basis Points /100)	10.5608%		10.5608%		10.5608%		10.5608%		10.5608%		10.5608%	
15	FOR W incentive L.13 +(L.14*L.5)	2,415,060		27,730,674		27,730,674		27,325,407		27,325,407		27,325,407	
16	Investment	60,377		693,267		693,267		683,135		683,135		683,135	
17	Annual Depreciation Exp	1		1		1		2		2		2	
18	In Service Month (1-12)												
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive												
21	W incentive												
22	W / O incentive												
23	W incentive												
24	W / O incentive												
25	W incentive												
26	W / O incentive												
27	W incentive												
28	W / O incentive												
29	W incentive												
30	W / O incentive												
31	W incentive												
32	W / O incentive												
33	W incentive					27,730,674	664,381	27,066,293		27,325,407	597,743	26,727,664	
34	W / O incentive					27,730,674	664,381	27,066,293		27,325,407	597,743	26,727,664	
35	W incentive					27,066,293	693,267	26,373,026		26,727,664	683,135	26,044,529	
36	W / O incentive					27,066,293	693,267	26,373,026		26,727,664	683,135	26,044,529	
37	W incentive					26,373,026	693,267	25,679,760		26,044,529	683,135	25,361,393	
38	W / O incentive	2,415,060	57,861	2,357,199		26,373,026	693,267	25,679,760		26,044,529	683,135	25,361,393	
39	W incentive	2,415,060	57,861	2,357,199		26,373,026	693,267	25,679,760		26,044,529	683,135	25,361,393	
40	W / O incentive	2,357,199	60,377	2,296,823		25,679,760	693,267	24,986,493		25,361,393	683,135	24,678,258	
41	W incentive	2,357,199	60,377	2,296,823		25,679,760	693,267	24,986,493		25,361,393	683,135	24,678,258	
42	W / O incentive	2,296,823	60,377	2,236,446	299,752	24,986,493	693,267	24,293,226	3,295,445	24,678,258	683,135	23,995,123	3,253,296
43	W incentive	2,296,823	60,377	2,236,446	299,752	24,986,493	693,267	24,293,226	3,295,445	24,678,258	683,135	23,995,123	3,253,296
44	W / O incentive												
45	W incentive												
46	W / O incentive												
47	W incentive												
48	W / O incentive												
49	W incentive												
50	W / O incentive												
51	W incentive												
52	W / O incentive												
53	W incentive												
A Proj Rev Req w/o Incentive PCY*					-				3,313,750				5,761,284
B Proj Rev Req w/ Incentive PCY*					-				3,313,750				5,761,284
C Actual Rev Req w/o Incentive PCY*					291,360				3,350,856				3,307,699
D Actual Rev Req w/ Incentive PCY*					291,360				3,350,856				3,307,699
E TUA w/o Int w/o Incentive PCY (C-A)					291,360				37,106				(2,453,586)
F TUA w/o Int w/ Incentive PCY (B-D)					291,360				37,106				(2,453,586)
G Future Value Factor (1+i)^24 mo (ATT6)					1,07874				1,07874				1,07874
H True-Up Adjustment w/o Incentive (E*G)					314,302				40,028				(2,646,787)
I True-Up Adjustment w/ Incentive (F*G)					314,302				40,028				(2,646,787)
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					614,054				3,335,473				606,509
W incentive					614,054				3,335,473				606,509

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project CJ-3				Project CK-1				Project CK-2			
10		Yes	B2744			Yes	B2978			Yes	B2978		
11	Schedule 12 (Yes or No)	40	Rebuild the Carson-Rogers rd 500 kV circuit			40	Install 2-125 MVAR Statoms at Rawlings and 1-125 MVAR Statom at Clover 500kV substations			40	Install 2-125 MVAR Statoms at Rawlings and 1-125 MVAR Statom at Clover 500kV substations		
12	Life	10.5608%				10.5608%				10.5608%			
13	FOR W/O incentive Line 3	0				0				0			
14	Incentive Factor (Basis Points /100)	10.5608%				10.5608%				10.5608%			
15	FOR W incentive L.13 +(L.14*L.5)	1,286,571				33,164,778				18,756			
16	Investment	32,164				829,119				469			
17	Annual Depreciation Exp	8				7				1			
18	In Service Month (1-12)												
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014												
37	W incentive 2014												
38	W / O incentive 2015												
39	W incentive 2015												
40	W / O incentive 2016												
41	W incentive 2016												
42	W / O incentive 2017												
43	W incentive 2017												
44	W / O incentive 2018	1,286,571	12,062	1,274,510									
45	W incentive 2018	1,286,571	12,062	1,274,510									
46	W / O incentive 2019	1,274,510	32,164	1,242,345									
47	W incentive 2019	1,274,510	32,164	1,242,345									
48	W / O incentive 2020	1,242,345	32,164	1,210,181									
49	W incentive 2020	1,242,345	32,164	1,210,181									
50	W / O incentive 2021	1,210,181	32,164	1,178,017		33,164,778	380,013	32,784,765		18,756	449	18,307	
51	W incentive 2021	1,210,181	32,164	1,178,017		33,164,778	380,013	32,784,765		18,756	449	18,307	
52	W / O incentive 2022	1,178,017	32,164	1,145,852	154,874	32,784,765	829,119	31,955,645	4,247,687	18,307	469	17,838	2,377
53	W incentive 2022	1,178,017	32,164	1,145,852	154,874	32,784,765	829,119	31,955,645	4,247,687	18,307	469	17,838	2,377
A	Proj Rev Req w/o Incentive PCY*				224,591				-				-
B	Proj Rev Req w/ Incentive PCY*				224,591				-				-
C	Actual Rev Req w/o Incentive PCY*				157,380				-				-
D	Actual Rev Req w/ Incentive PCY*				157,380				-				-
E	TUA w/o Int w/ Incentive PCY (C-A)				(67,211)				-				-
F	TUA w/o Int w/ Incentive PCY (B-D)				(67,211)				-				-
G	Future Value Factor (1+)^24 mo (ATT6)								1,07874				1,07874
H	True-Up Adjustment w/o Incentive (E*G)				(72,504)				-				-
I	True-Up Adjustment w/ Incentive (F*G)				(72,504)				-				-
	TUA = True-Up Adjustment PCY = Previous Calendar Year												
	W / O incentive				82,371				4,247,687				2,377
	W incentive				82,371				4,247,687				2,377

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project CK-3				Project CK-4				Project CM-1			
Line Number	Yes (Yes or No)	40	B2978	10.5608%	0	40	B2978	10.5608%	0	40	B2759	10.5608%	0
10	Schedule 12	40	B2978	10.5608%	0	40	B2978	10.5608%	0	40	B2759	10.5608%	0
11	Life	40	Install 2-125 MVAR Statoms at Rawlings and 1-125 MVAR Statcom at Clover 500kV substations	10.5608%	0	40	Install 2-125 MVAR Statoms at Rawlings and 1-125 MVAR Statcom at Clover 500kV substations	10.5608%	0	40	Rebuild Line # 550 Mount Storm -Valley 500kV	10.5608%	0
12	FOR W/O incentive	40		10.5608%	0	40		10.5608%	0	40		10.5608%	0
13	Incentive Factor (Basis Points /100)	40		10.5608%	0	40		10.5608%	0	40		10.5608%	0
14	FOR W incentive L.13 +(L.14*L.5)	40		10.5608%	0	40		10.5608%	0	40		10.5608%	0
15	Investment	24,000,000		24,000,000		24,365,701		24,365,701		107,383,706		107,383,706	
16	Annual Depreciation Exp	600,000		600,000		609,143		609,143		2,684,593		2,684,593	
17	In Service Month (1-12)	11		11		2		2		12		12	
18													
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive												
21	W incentive												
22	W / O incentive												
23	W incentive												
24	W / O incentive												
25	W incentive												
26	W / O incentive												
27	W incentive												
28	W / O incentive												
29	W incentive												
30	W / O incentive												
31	W incentive												
32	W / O incentive												
33	W incentive												
34	W / O incentive												
35	W incentive												
36	W / O incentive												
37	W incentive												
38	W / O incentive												
39	W incentive												
40	W / O incentive												
41	W incentive												
42	W / O incentive												
43	W incentive												
44	W / O incentive												
45	W incentive												
46	W / O incentive												
47	W incentive												
48	W / O incentive									107,383,706	111,858	107,271,848	
49	W incentive									107,383,706	111,858	107,271,848	
50	W / O incentive	24,000,000	75,000	23,925,000						107,271,848	2,684,593	104,587,255	
51	W incentive	24,000,000	75,000	23,925,000						107,271,848	2,684,593	104,587,255	
52	W / O incentive	23,925,000	600,000	23,325,000	3,095,000	24,365,701	533,000	23,832,701	2,759,944	104,587,255	2,684,593	101,902,663	13,588,134
53	W incentive	23,925,000	600,000	23,325,000	3,095,000	24,365,701	533,000	23,832,701	2,759,944	104,587,255	2,684,593	101,902,663	13,588,134
A	Proj Rev Req w/o Incentive PCY*				-				-				-
B	Proj Rev Req w/ Incentive PCY*				-				-				-
C	Actual Rev Req w/o Incentive PCY*				-				-				568,499
D	Actual Rev Req w/ Incentive PCY*				-				-				568,499
E	TUA w/o Int w/o Incentive PCY (C-A)				-				-				568,499
F	TUA w/o Int w/ Incentive PCY (B-D)				-				-				568,499
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1.07874				1.07874				1.07874
H	True-Up Adjustment w/o Incentive (E*G)				-				-				613,264
I	True-Up Adjustment w/ Incentive (F*G)				-				-				613,264
	TUA = True-Up Adjustment												
	PCY = Previous Calendar Year												
	W / O incentive				3,095,000				2,759,944				14,201,398
	W incentive				3,095,000				2,759,944				14,201,398

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages													
		Project CM-2				Project CM-3				Project CM-4			
		B2759				B2759				B2759			
		Rebuild Line # 550 Mount Storm -Valley 500kV				Rebuild Line # 550 Mount Storm -Valley 500kV				Rebuild Line # 550 Mount Storm -Valley 500kV			
10													
11	Schedule 12 (Yes or No)	Yes	40			Yes	40			Yes	40		
12	Life	10.5608%				10.5608%				10.5608%			
13	FOR W/O incentive Line 3	0				0				0			
14	Incentive Factor (Basis Points /100)	10.5608%				10.5608%				10.5608%			
15	FOR W incentive L.13 +(L.14*L.5)	76,126,497				29,014,941				54,660,024			
16	Investment	1,903,162				725,374				1,366,501			
17	Annual Depreciation Exp												
18	In Service Month (1-12)	6				12				6			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014												
37	W incentive 2014												
38	W / O incentive 2015												
39	W incentive 2015												
40	W / O incentive 2016												
41	W incentive 2016												
42	W / O incentive 2017												
43	W incentive 2017												
44	W / O incentive 2018												
45	W incentive 2018												
46	W / O incentive 2019												
47	W incentive 2019												
48	W / O incentive 2020												
49	W incentive 2020												
50	W / O incentive 2021	76,126,497	1,030,880	75,095,617		29,014,941	30,224	28,984,717		54,660,024	740,188	53,919,836	3,845,821
51	W incentive 2021	76,126,497	1,030,880	75,095,617		29,014,941	30,224	28,984,717		54,660,024	740,188	53,919,836	3,845,821
52	W / O incentive 2022	75,095,617	1,903,162	73,192,455	9,733,400	28,984,717	725,374	28,259,344	3,748,102	54,660,024	740,188	53,919,836	3,845,821
53	W incentive 2022	75,095,617	1,903,162	73,192,455	9,733,400	28,984,717	725,374	28,259,344	3,748,102	54,660,024	740,188	53,919,836	3,845,821
A Proj Rev Req w/o Incentive PCY*													
B Proj Rev Req w/ Incentive PCY*													
C Actual Rev Req w/o Incentive PCY*													
D Actual Rev Req w/ Incentive PCY*													
E TUA w/o Int w/o Incentive PCY (C-A)													
F TUA w/o Int w/ Incentive PCY (B-D)													
G Future Value Factor (1+) ²⁴ mo (ATT6)						1.07874				1.07874			
H True-Up Adjustment w/o Incentive (E'G)													
I True-Up Adjustment w/ Incentive (F'G)													
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive						9,733,400				3,748,102			
W incentive						9,733,400				3,748,102			

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages														
		Project CM-5				Project CN				Project CO-1				
10														
11	Schedule 12 (Yes or No)	Yes	B2759			Yes	B2928			Yes	B2960.1			
12	Life	40	Rebuild Line # 550 Mount Storm -Valley 500kV			40	Rebuild four structures of 500kV Line #567 from Chickahominy to Surry including replacement of conductor across the river			40	Replace fixed Series capacitors on 500 kV Line #547 at Lexington			
13	FOR W/O incentive Line 3	10.5608%				10.5608%				10.5608%				
14	Incentive Factor (Basis Points /100)	0				0				0				
15	FOR W incentive L.13 +(L.14*L.5)	10.5608%				10.5608%	Line Rating increase from 1954 MVA to 2600 MVA			10.5608%				
16	Investment	75,157,533				32,493,682				16,999,788				
17	Annual Depreciation Exp	1,878,938				812,342				424,995				
18	In Service Month (1-12)	12				1				4				
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
20	W / O incentive 2006													
21	W incentive 2006													
22	W / O incentive 2007													
23	W incentive 2007													
24	W / O incentive 2008													
25	W incentive 2008													
26	W / O incentive 2009													
27	W incentive 2009													
28	W / O incentive 2010													
29	W incentive 2010													
30	W / O incentive 2011													
31	W incentive 2011													
32	W / O incentive 2012													
33	W incentive 2012													
34	W / O incentive 2013					32,493,682	778,494	31,715,188						
35	W incentive 2013					32,493,682	778,494	31,715,188						
36	W / O incentive 2014					31,715,188	812,342	30,902,845						
37	W incentive 2014					31,715,188	812,342	30,902,845						
38	W / O incentive 2015					30,902,845	812,342	30,090,503		16,999,788	301,038	16,698,750		
39	W incentive 2015					30,902,845	812,342	30,090,503		16,999,788	301,038	16,698,750		
40	W / O incentive 2016					30,090,503	812,342	29,278,161		16,698,750	424,995	16,273,755		
41	W incentive 2016					30,090,503	812,342	29,278,161		16,698,750	424,995	16,273,755		
42	W / O incentive 2017													
43	W incentive 2017													
44	W / O incentive 2018													
45	W incentive 2018													
46	W / O incentive 2019													
47	W incentive 2019													
48	W / O incentive 2020													
49	W incentive 2020													
50	W / O incentive 2021													
51	W incentive 2021													
52	W / O incentive 2022	75,157,533	78,289	75,079,244	408,837	29,278,161	812,342	28,465,819	3,861,469	16,273,755	424,995	15,848,761	2,121,200	
53	W incentive 2022	75,157,533	78,289	75,079,244	408,837	29,278,161	812,342	28,465,819	3,861,469	16,273,755	424,995	15,848,761	2,121,200	
A	Proj Rev Req w/o Incentive PCY*								3,999,570				1,372,879	
B	Proj Rev Req w/ Incentive PCY*								3,999,570				1,372,879	
C	Actual Rev Req w/o Incentive PCY*								3,926,398				1,519,726	
D	Actual Rev Req w/ Incentive PCY*								3,926,398				1,519,726	
E	TUA w/o Int w/ Incentive PCY (C-A)								(73,172)				148,848	
F	TUA w/o Int w/ Incentive PCY (B-D)								(73,172)				148,848	
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1.07874				1.07874				1.07874	
H	True-Up Adjustment w/o Incentive (E'G)								(78,933)				158,411	
I	True-Up Adjustment w/ Incentive (F'G)								(78,933)				158,411	
TUA = True-Up Adjustment PCY = Previous Calendar Year														
W / O incentive					408,837					3,782,535				
W incentive					408,837					3,782,535				

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns
 are Repeated to Provide
 Line Number
 References on All Pages

Line Number	Description	Project CO-2				Project CP				Project CS-1			
		Yes	Life	Investment	Annual Depreciation Exp	Yes	Life	Investment	Annual Depreciation Exp	Yes	Life	Investment	Annual Depreciation Exp
10													
11	Schedule 12 (Yes or No)	40	B2960.2			40	B3027.1			40	B3019		
12	Life	10.5608%	Replace fixed Series capacitors on 500 kV Line #548 at Valley			10.5608%	Add a 2nd 500/230 kV 840 MVA transformer at D			10.5608%	Rebuild 500 kV Line #552 Bristers to Chancellor -21.6 miles long		
13	FOR W/O incentive Line 3	0				0				0			
14	Incentive Factor (Basis Points /100)	10.5608%				10.5608%				10.5608%			
15	FOR W incentive L.13 +(L.14*L.5)	17,212,417				21,240,689				16,250,000			
16	Investment	430,310				531,017				406,250			
17	Annual Depreciation Exp	6				6				12			
18	In Service Month (1-12)												
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014												
37	W incentive 2014												
38	W / O incentive 2015												
39	W incentive 2015												
40	W / O incentive 2016												
41	W incentive 2016												
42	W / O incentive 2017												
43	W incentive 2017												
44	W / O incentive 2018												
45	W incentive 2018												
46	W / O incentive 2019												
47	W incentive 2019												
48	W / O incentive 2020	17,212,417	233,085	16,979,332									
49	W incentive 2020	17,212,417	233,085	16,979,332									
50	W / O incentive 2021	16,979,332	430,310	16,549,022		21,240,689	287,634	20,953,055		16,250,000	16,927	16,233,073	
51	W incentive 2021	16,979,332	430,310	16,549,022		21,240,689	287,634	20,953,055		16,250,000	16,927	16,233,073	
52	W / O incentive 2022	16,549,022	430,310	16,118,711	2,155,305	20,953,055	531,017	20,422,037	2,715,797	16,233,073	406,250	15,826,823	2,099,148
53	W incentive 2022	16,549,022	430,310	16,118,711	2,155,305	20,953,055	531,017	20,422,037	2,715,797	16,233,073	406,250	15,826,823	2,099,148
A	Proj Rev Req w/o Incentive PCY*				1,294,808				-				-
B	Proj Rev Req w/ Incentive PCY*				1,294,808				-				-
C	Actual Rev Req w/o Incentive PCY*				1,178,663				-				-
D	Actual Rev Req w/ Incentive PCY*				1,178,663				-				-
E	TUA w/o Int w/o Incentive PCY (C-A)				(116,146)				-				-
F	TUA w/o Int w/ Incentive PCY (B-D)				(116,146)				-				-
G	Future Value Factor (1+i)^24 mo (ATT6)				1.07874				1.07874				1.07874
H	True-Up Adjustment w/o Incentive (E*G)				(125,291)				-				-
I	True-Up Adjustment w/ Incentive (F*G)				(125,291)				-				-
	TUA = True-Up Adjustment PCY = Previous Calendar Year												
	W / O incentive				2,030,014				2,715,797				2,099,148
	W incentive				2,030,014				2,715,797				2,099,148

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns are Repeated to Provide Line Number References on All Pages		Project CS-2				Project CS-3				If Yes for Schedule 12 Include in this Total.	If No for Schedule 12 include in this Sum.	
Line Number	Yes or No	Yes	B3019	40	Rebuild 500 kV Line #552 Bristers to Chancellor -21.6 miles long	Yes	B3019	40	Rebuild 500 kV Line #552 Bristers to Chancellor -21.6 miles long		Annual Revenue Requirement including Incentive if Applicable	Annual Revenue Requirement excluding Incentive
10												
11	Schedule 12 (Yes or No)	Yes	B3019	40	Rebuild 500 kV Line #552 Bristers to Chancellor -21.6 miles long	Yes	B3019	40	Rebuild 500 kV Line #552 Bristers to Chancellor -21.6 miles long			
12	Life	10.5608%		0		10.5608%		0				
13	FOR W/O incentive Line 3	0				0						
14	Incentive Factor (Basis Points /100)	10.5608%				10.5608%						
15	FOR W incentive L.13 +(L.14*L.5)	17,250,000				21,800,000						
16	Investment	431,250				545,000						
17	Annual Depreciation Exp	6				12						
18	In Service Month (1-12)											
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Total	Sum	Sum
19												
20	W / O incentive 2006											
21	W incentive 2006											
22	W / O incentive 2007											
23	W incentive 2007											
24	W / O incentive 2008											
25	W incentive 2008											
26	W / O incentive 2009											
27	W incentive 2009											
28	W / O incentive 2010											
29	W incentive 2010											
30	W / O incentive 2011											
31	W incentive 2011											
32	W / O incentive 2012											
33	W incentive 2012											
34	W / O incentive 2013											
35	W incentive 2013											
36	W / O incentive 2014											
37	W incentive 2014											
38	W / O incentive 2015											
39	W incentive 2015											
40	W / O incentive 2016											
41	W incentive 2016											
42	W / O incentive 2017											
43	W incentive 2017											
44	W / O incentive 2018											
45	W incentive 2018											
46	W / O incentive 2019											
47	W incentive 2019											
48	W / O incentive 2020											
49	W incentive 2020											
50	W / O incentive 2021											
51	W incentive 2021											
52	W / O incentive 2022	17,250,000	233,594	17,016,406	1,213,692	21,800,000	22,708	21,777,292	118,586	334,643,165		35,447,237
53	W incentive 2022	17,250,000	233,594	17,016,406	1,213,692	21,800,000	22,708	21,777,292	118,586	337,811,585	37,413,472	
A	Proj Rev Req w/o Incentive PCY*				-				-			
B	Proj Rev Req w/ Incentive PCY*				-				-			
C	Actual Rev Req w/o Incentive PCY*				-				-			
D	Actual Rev Req w/ Incentive PCY*				-				-			
E	TUA w/o Int w/o Incentive PCY (C-A)				-				-			
F	TUA w/o Int w/ Incentive PCY (B-D)				-				-			
G	Future Value Factor (1+i)^24 mo (ATT6)				1.07874				1.07874			
H	True-Up Adjustment w/o Incentive (E*G)				-				-			
I	True-Up Adjustment w/ Incentive (F*G)				-				-			
	TUA = True-Up Adjustment PCY = Previous Calendar Year											
	W / O incentive				1,213,692				118,586			
	W incentive				1,213,692				118,586			

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 8 - Securitization Workpaper
(000's)

Line #

	Long Term Interest	
105	Less LTD Interest on Securitization Bonds	0
	Capitalization	
115	Less LTD on Securitization Bonds	0

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 9 - Depreciation Rates¹

Depreciation Rates Applicable Through March 31, 2013

<u>Plant Type</u>	<u>Applied Depreciation Rate</u>
Transmission Plant	
Land	
Land Rights	1.36%
Structures and Improvements	1.41%
Station and Equipment	2.02%
Towers and Fixtures	2.36%
Poles and Fixtures	1.89%
Overhead conductors and Devices	1.90%
Underground Conduit	1.74%
Underground Conductors and Devices	2.50%
Roads and Trails	1.17%
General Plant	
Land Rights	1.70%
Structures and Improvements - Major	1.82%
Structures and Improvements - Other	2.26%
Communication Equipment	3.20%
Communication Equipment - Clearing	6.22%
Communication Equipment - Massed	6.22%
Communication Equipment - 25 Years	3.72%
Office Furniture and Equipment - EDP Hardware	27.38%
Office Furniture and Equipment - EDP Fixed Location	12.21%
Office Furniture and Equipment	1.64%
Laboratory Equipment	4.23%
Miscellaneous Equipment	2.53%
Stores Equipment	5.08%
Power Operated Equipment	8.16%
Tools, Shop and Garage Equipment	4.76%
Electric Vehicle Recharge Equipment	13.23%

¹Depreciation rates may be changed only pursuant to a Section 205 or Section 206 proceeding.

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 9 - Depreciation Rates (Continued)¹

Depreciation Rates Applicable On April 1, 2013 And Through December 31, 2016

<u>Plant Type</u>	<u>Applied Depreciation Rate</u>
Transmission Plant	
Land	
Land Rights	1.17%
Structures and Improvements	1.53%
Station Equipment	2.89%
Station Equipment - Power Supply Computer Equipment	10.46%
Towers and Fixtures	2.08%
Poles and Fixtures	2.11%
Overhead conductors and Devices	1.92%
Underground Conduit	1.65%
Underground Conductors and Devices	1.92%
Roads and Trails	1.06%
General Plant	
Land	
Land Rights	1.71%
Structures and Improvements - Major	1.95%
Structures and Improvements - Other	2.82%
Office Furniture and Equipment	2.68%
Office Furniture and Equipment - EDP Hardware	15.26%
Office Furniture and Equipment - EDP Fixed Location	7.26%
Transportation Equipment	3.90%
Stores Equipment	2.52%
Tools, Shop and Garage Equipment	4.32%
Laboratory Equipment	3.69%
Power Operated Equipment	4.75%
Communication Equipment	3.14%
Communication Equipment - Massed	5.97%
Communication Equipment - 25 Years	2.48%
Miscellaneous Equipment	6.67%

¹Depreciation rates may be changed only pursuant to a Section 205 or Section 206 proceeding.

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 9 - Depreciation Rates (Continued)¹

Depreciation Rates Applicable On And After January 1, 2017

<u>Plant Type</u>	<u>Applied Depreciation Rate</u>
Transmission Plant	
Land	
Land Rights	1.31%
Structures and Improvements	1.59%
Station Equipment	3.05%
Station Equipment - Power Supply Computer Equipment	7.21%
Towers and Fixtures	2.30%
Poles and Fixtures	2.33%
Overhead conductors and Devices	2.18%
Underground Conduit	2.10%
Underground Conductors and Devices	2.03%
Roads and Trails	1.06%
General Plant	
Land	
Land Rights	1.49%
Structures and Improvements-Major	2.38%
Structures and Improvements-Other	2.24%
Office Furniture and Equipment - 2012 and Prior	8.97%
Office Furniture and Equipment - 2013 and Subsequent	6.67%
Office Furniture and Equipment-EDP Hardware - 2012 and Prior	65.49%
Office Furniture and Equipment-EDP Hardware - 2013 and Subsequent	20.00%
Office Furniture and Equipment-EDP Fixed Location - 2012 and Prior	10.83%
Office Furniture and Equipment-EDP Fixed Location - 2013 and Subsequent	20.00%
Transportation Equipment	5.75%
Stores Equipment - 2012 and Prior	4.25%
Stores Equipment - 2013 and Subsequent	4.00%
Tools, Shop, and Garage Equipment - 2012 and Prior	3.70%
Tools, Shop, and Garage Equipment - 2013 and Subsequent	4.00%
Tools, Shop, and Garage Equipment-Electric Vehicles	0.00%
Laboratory Equipment - 2012 and Prior	4.12%
Laboratory Equipment - 2013 and Subsequent	4.00%
Power Operated Equipment	6.49%
Communication Equipment - 2012 and Prior	3.70%
Communication Equipment - 2013 and Subsequent	4.00%
Communication Equipment-Clearing	0.00%
Communication Equipment-Massed - 2012 and Prior	8.61%
Communication Equipment-Massed - 2013 and Subsequent	6.67%
Communication Equipment-25 Years - 2012 and Prior	2.66%
Communication Equipment-25 Years - 2013 and Subsequent	4.00%
Miscellaneous Equipment - 2012 and Prior	7.15%
Miscellaneous Equipment - 2013 and Subsequent	6.67%

¹Depreciation rates may be changed only pursuant to a Section 205 or Section 206 proceeding.

Attachment 10

Incremental Undergrounding Costs of the Garrisonville, Pleasant View, and NIVO Underground Projects

Section 1 -- Purpose

This Attachment 10 determines the appropriate amount of undergrounding costs to be allocated to each Network Customer for their Virginia loads in the Dominion Zone in accordance with the March 20, 2014 order of the Federal Energy Regulatory Commission in Docket No. EL10-49-005 and in compliance with the Federal Energy Regulatory Commission's October 19, 2017 Order on Initial Decision issued in Opinion No. 555. To provide compensation for these costs, each Network Customer with Virginia loads in the Dominion Zone shall pay a monthly Demand Charge, which shall be known as the "UG Transmission Charge" as determined herein.

Section 2 -- Underground ("UG") Transmission Project Descriptions

The projects are generally described below. The projects may be modified resulting in changes to their costs.

Garrisonville	The Aquia Harbor Terminal Station, the Garrisonville Substation excluding the distribution assets and the 230 kV shunt reactor banks in Garrisonville Substation, two underground transmission lines with associated duct systems running from Aquia Harbor Terminal Station to Garrisonville Substation, and modifications to transmission line protection equipment at Fredericksburg and Possum Point substations to interface with equipment at Aquia Harbor Terminal Station.
Pleasant View	An overhead transmission line running from Pleasant View Substation to Dry Mill South Station, facilities in Pleasant View Substation to facilitate connection of such transmission line, Dry Mill South Station, an underground transmission line with associated duct systems running from Dry Mill South Station to Breezy Knoll Station, Breezy Knoll Station, an overhead transmission line running from Breezy Knoll Station to Hamilton Substation, and Hamilton Substation excluding the distribution assets and the 230 kV shunt reactor bank in Hamilton Substation.
NIVO	Two underground transmission lines with associated duct system running from Beaumeade Substation to NIVO Substation, the NIVO Substation excluding distribution assets in NIVO Substation, and the facilities in Beaumeade Substation to facilitate connection of the two new underground transmission lines.

Attachment 10 (Continued)**Section 3 -- Determination of the Total Incremental Undergrounding Costs Revenue Requirement**

The Total Incremental Undergrounding Costs Revenue Requirement shall be determined as set forth in the formula

Instructions:

1. Calculate this formula using data for Year on line 1.
2. On line 1, enter the year.
3. Lines 2a, 2b and 2c are the applicable UG Project Revenue Requirements consistent with the note below from either Attachment 10A if the applicable year is prior to 2015 or from Attachment 10B if the applicable year is after 2014.

Line	Description	Year
1	Enter the Rate Year	2022
(In Dollars)		
	(1)	(2)
	Project Name	Requirement
	(3)	(4)
	Adjustment Factors	Undergrounding
2a	Garrisonville	\$12,510,198
2b	Pleasant View	\$8,667,895
2c	NIVO	\$977,685
3	Total Incremental Undergrounding Costs Revenue Requirement	\$13,811,452

NOTE: All column 2 amounts are for the year indicated on line 1 and include true-up adjustments for the calendar year that is two years prior to that year. However in the event that a one-time net refund settlement addresses the charges and credits for a calendar year, the true-up adjustment for that calendar year shall equal zero. The revenue requirements in column (2) and column (4) include depreciation, return on capital investment, income taxes, and accumulated deferred income taxes (ADIT), and property taxes in accordance with Opinion No. 555 Order on Initial Decision in FERC Docket No. EL10-49-005. The Adjustment Factors set forth in column (3) are the ratio of the Estimated Incremental Underground Capital Costs divided by the Total Capital Costs shown on page 8 of Opinion No. 555 Order on Initial Decision in FERC Docket No. EL10-49-005 and shall not be changed except pursuant to a filing under the appropriate of Section 205 or 206.

Attachment 10 (Continued)**Section 4 --Annual UG Transmission Rate**

The Annual UG Transmission Rate shall be calculated as follows:

Instructions:

1. On line 6, enter the portion of the amount on line 5 attributable to load located in Virginia as determined by PJM state estimator load bus data at the time of annual peak of the Dominion Zone.

Line	Description	Amounts
4	Total Incremental Undergrounding Costs Revenue Requirement (from Line 3) (dollars per year)	\$13,811,452
5	Dominion Zone NSPL 1 CP Peak from Appendix A, line 169 (in Megawatts)	20,404.5
6	Virginia Portion of the Dominion Zone NSPL (Analysis of PJM load bus data) (in Megawatts)	19,713.4
7	Annual UG Transmission Rate (dollars per MW-year) (line 4 ÷ line 6)	\$700.61

Attachment 10 (Continued)**Section 5 -- Billing**

The UG Transmission Charge shall be billed in accordance with the PJM billing procedure applied to billing the monthly Demand Charge for Zone Network Loads in Section 34.1 of the PJM Tariff, but for purposes of this calculation, the Zone Network Loads (including losses) at the time of the annual peak of the Zone in which the load is located shall include only Virginia loads in the Dominion Zone. If necessary, PJM state estimator load bus MWs at the time of the annual peak of the Dominion Zone shall be used to separate Virginia loads from other loads in the Dominion Zone. VEPCO shall provide to PJM the contribution of each Network Customer's Virginia Portion of the Dominion Zone NSPL. Also, for the purpose of calculating the UG Transmission Charge in accordance with this attachment, the Annual UG Transmission Rate calculated on line 7 above shall be used instead of the rate for Network Integration Transmission Service ("RTZ").

Section 6 -- Revenue Crediting

- A. For calculating the Annual Transmission Revenue Requirement and rate for Network Integration Transmission Service used for billing, the Total UG Project Adjusted Revenue Requirement amount, shown on line 4 of Section 4, shall be included in line 9 of Attachment 3, provided that the Annual Transmission Revenue Requirement is not one of the Annual Transmission Revenue Requirements used to determine refunds to each Network Customer as part of a net refund or charge settlement process that is in addition to the normal formula rate cycle billing process.

- B. For calculating the annual true-up, the UG Transmission Charge revenues received by the Company shall be included in line 9 of Attachment 3, provided that the UG Transmission Charge revenues for the applicable year are not distributed to each Network Customer as part of a net refund or charge settlement process that is in addition to the normal formula rate cycle billing process.

Virginia Electric and Power Company
Attachment 10A - UG Project Revenue Requirement for 2010 - 2014 Calendar Years
Year =

Line #s	Descriptions	Notes	Current Year												Amount		
			Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		Dec	
Inst. 1	Electric Plant in Service	Note 1															
Inst. 2	Accumulated Depreciation	Note 1															
Inst. 3	Accumulated Deferred Income Taxes	Note 2															
Inst. 4	Applicable Rate Base	Note 2															
5	Return	Note 3															
6	Income Taxes associated with Equity Return	Note 3															
7	Transmission Related Income Tax Adjustments	Note 3															
8	Total Income Tax Provision																
9	Depreciation-Transmission																
10	Property Tax																
11	UG Project Revenue Requirement																
12	Projected UG Project Revenue Requirement for Previous Calendar Year	Note 4															
13	Actual UG Project Revenue Requirement for Previous Calendar Year	Note 4															
14	True-Up Adjustment Before Interest for Previous Calendar Year																
15	Future Value Factor (1+I) ²⁴ months																
16	True-Up Adjustment																
17	UG Project Revenue Requirement including True-up Adjustment, if applicable																
Note 1	The value in the amount column is calculated using 13 month average balance.																
Note 2	The value in the amount column is calculated using average of beginning and end of year balances.																
Note 3	Per FERC order in Docket No. ER08-1207-002, the ROE for each specific project identified in that order will also include either an 150 or 125 basis point transmission incentive adder as authorized by the Commission. The Incentive for Garrisonville = 125 basis points Authorized Incentive. Adder times the Common Equity % from Appendix A.																
Note 4	Line 122 = 0.0005 These amounts do not include any True-Up Adjustments.																

Line #s	Descriptions	Notes	Current Year												Amount		
			Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		Dec	
1	Electric Plant in Service	Note 1															
2	Accumulated Depreciation	Note 1															
3	Accumulated Deferred Income Taxes	Note 2															
4	Applicable Rate Base	Note 2															
5	Return	Note 3															
6	Income Taxes associated with Equity Return	Note 3															
7	Transmission Related Income Tax Adjustments	Note 3															
8	Total Income Tax Provision																
9	Depreciation-Transmission																
10	Property Tax																
11	UG Project Revenue Requirement																
12	Projected UG Project Revenue Requirement for Previous Calendar Year	Note 4															
13	Actual UG Project Revenue Requirement for Previous Calendar Year	Note 4															
14	True-Up Adjustment Before Interest for Previous Calendar Year																
15	Future Value Factor (1+I) ²⁴ months																
16	True-Up Adjustment																
17	UG Project Revenue Requirement including True-up Adjustment, if applicable																
Note 1	The value in the amount column is calculated using 13 month average balance.																
Note 2	The value in the amount column is calculated using average of beginning and end of year balances.																
Note 3	Per FERC order in Docket No. ER08-1207-002, the ROE for each specific project identified in that order will also include either an 150 or 125 basis point transmission incentive adder as authorized by the Commission. The Incentive for Garrisonville = 125 basis points Authorized Incentive. Adder times the Common Equity % from Appendix A.																
Note 4	Line 122 = 0.0005 These amounts do not include any True-Up Adjustments.																

Virginia Electric and Power Company

Attachment 10A - UG Project Revenue Requirement for 2010 - 2014 Calendar Years
Year =

Line #s	Descriptions	Notes	Current Year												Amount		
			Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		Dec	
1	Electric Plant in Service	Note 1															
2	Accumulated Depreciation	Note 1															
3	Accumulated Deferred Income Taxes	Note 2															
4	Applicable Rate Base																
5	Return																
6	Return Taxes associated with Equity Return																
7	Transmission Related Income Tax Adjustments																
8	Total Income Tax Provision																
9	Depreciation-Transmission																
10	Property Tax																
11	UG Project Revenue Requirement																
12	Projected UG Project Revenue Requirement for Previous Calendar Year	Note 3															
13	Actual UG Project Revenue Requirement for Previous Calendar Year	Note 3															
14	True-Up Adjustment Before Interest for Previous Calendar Year																
15	True-Up Factor (1+)%24 months																
16	True-Up Adjustment for Interest																
17	UG Project Revenue Requirement including True-Up Adjustment, if applicable																
Note 1	The value in the amount column is calculated using 13 month average balance.																
Note 2	The value in the amount column is calculated using average of beginning and end of year balances.																
Note 3	These amounts do not include any True-Up Adjustments.																

Virginia Electric and Power Company

Attachment 10B - UG Project Revenue Requirement for Calendar Years after 2014
Year = 2022

Line #s	Descriptions	Notes	Current Year												Amount		
			Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		Dec	
1	Electric Plant in Service	Note 1	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838
2	Accumulated Depreciation	Note 1	(2,888,926)	(3,014,632)	(3,040,338)	(3,066,044)	(3,091,750)	(3,117,456)	(3,143,162)	(3,168,868)	(3,194,574)	(3,220,280)	(3,245,986)	(3,271,692)	(3,297,398)	(422,577)	(422,577)
3	Accumulated Deferred Income Taxes	Note 2	(422,577)														
4	Applicable Rate Base																6,588,099
5	Return																330,070
6	Return Taxes associated with Equity Return																12,489
7	Transmission Related Income Tax Adjustments																(2,489)
8	Total Income Tax Provision																131,281
9	Depreciation-Transmission																308,472
10	Property Tax																17,884
11	UG Project Revenue Requirement																977,841
12	Projected UG Project Revenue Requirement for Previous Calendar Year	Note 3															1,041,036
13	Actual UG Project Revenue Requirement for Previous Calendar Year	Note 3															40
14	True-Up Adjustment Before Interest for Previous Calendar Year																1,078,844
15	True-Up Factor (1+)(-)/24 months																43
16	True-Up Adjustment																977,685
17	UG Project Revenue Requirement including True-up Adjustment, if applicable																

Note 1 The value in the amount column is calculated using 13 month average balance.
 Note 2 The value in the amount column is calculated using average of beginning and end of year balances.
 Note 3 These amounts do not include any True-Up Adjustments.

Attachment 11

Capital Investment Recovery of Previous Jointly-Owned Assets

Section 1 -- Purpose

This Attachment 11 determines the appropriate amount of revenue requirement to be assigned to Allegheny Generating Company, Monongahela Power Company, The Potomac Edison Company, and West Penn Power Company (collectively form "Allegheny Power ") to recover the return, income taxes and depreciation and property taxes attributed to the assets acquired by VEPCO in accordance with Schedule 1 and Exhibit C of the Purchase Sale Agreement dated December 11, 2017 by and between Allegheny Generating Company and Virginia Electric and Power Company. These assets are described in Section 2 and collectively are referred to as the "Previous Jointly-Owned Assets".

Section 2 -- Previous Jointly-Owned Assets Descriptions

The Previous Jointly-Owned Assets are generally described below. Each facility may be modified and its costs shall reflect future retirements and additions. To the extent any segment or part of the facility is not eligible for inclusion in Attachment 7, a capital investment revenue requirement shall be determined for that segment or part as determined by this Attachment 11 and Attachment 11A.

a. Bath Assets

- a.i 500 kV Bath-Lexington Transmission Line Previous undivided ownership interest of Allegheny Generating Company in the following assets related to the Bath County hydroelectric facility in Virginia: the Air Entrance Bushings, associated air bus leads that connect from the generator step up transformers to the Air Entrance Bushings on the Gas Insulated Switchgear (GIS) including associated lightning arresters and Coupling Capacitor Potential Devices (CCPDs), the GIS, the 500kV Bath-Lexington transmission line, the 500kV Bath-Valley transmission line and associated protective relaying, control and communications.
- a.ii 500 kV Bath-Valley Transmission Line
- a.iii Bath Substation Transmission Assets

Section 3 -- Determination of the Total Previous Jointly-Owned Assets Capital Investment Revenue Requirement

The Total Previous Jointly-Owned Assets Capital Investment Revenue Requirement shall be determined as set forth in the formula below.

Instructions:

1. Calculate this formula using data for Year on line 1.
2. On line 1, enter the year.
3. Line 2 is the applicable Previous Jointly-Owned Asset's Capital Investment Revenue Requirement consistent with the note below from Attachment 11A.

Line	Description	Year		
1	Enter the Rate Year	2022		
(In Dollars)				
	(1)	(2)	(3)	(4)
	Previous Jointly-Owned Assets Name	Capital Investment Revenue Requirement	Adjustment Factors	Total
2a.i	500 kV Bath-Lexington Transmission Line	\$1,456,334	40.00%	\$582,534
2.a.ii	500 kV Bath-Valley Transmission Line	\$2,259,242	40.00%	\$903,697
2.a.iii	Bath Substation Transmission Assets	\$4,183,833	40.00%	\$1,673,533
3	Total Previous Jointly-Owned Assets' Capital Investment Revenue Requirement			\$3,159,763

NOTE: All column 2 amounts are for the year indicated on line 1 and include true-up adjustments for the calendar year that is two years prior to that year. The revenue requirements in column (2) and column (4) include depreciation, return on capital investment, income taxes, and property taxes.

Attachment 11 (Continued)**Section 4 --Previous Jointly-Owned Assets Monthly Charge**

Line	Description	Amounts
4	Total Previous Jointly-Owned Assets' Capital Investment Revenue Requirement (from Line 3) (dollars per year)	\$3,159,763
5	Previous Jointly-Owned Assets' Capital Monthly Charge (dollars per month) (line 4 ÷ 12 months)	\$263,314

Section 5 -- Billing

PJM shall bill the Previous Jointly-Owned Assets' Monthly Charge to the TO Account specified by Allegheny Power in the Allegheny (APS) Transmission Zone.

Section 6 -- Revenue Crediting

- A. For calculating the Annual Transmission Revenue Requirement and rate for Network Integration Transmission Service used for billing, the Total Previous Jointly-Owned Assets' Capital Investment Revenue Requirement amount, shown on line 4 of Section 4, shall be included in line 9 of Attachment 3.

Virginia Electric and Power Company

Attachment 11A - Previous Jointly-Owned Assets' Capital Investment Revenue Requirement

Year = 2022

For each month enter the amount included in Electric Plant in Service attributable to the Previous Jointly-Owned Assets for the applicable month, and for each year enter the applicable depreciation expense.

For each month enter the amount included in the Accumulated Provision for Depreciation of Electric Plant in Service attributable to the Previous Jointly-Owned Assets for the applicable month, and for each year enter the applicable depreciation expense.

For each year enter the amount of Accumulated Deferred Income Tax (ADIT) attributable to the Previous Jointly-Owned Assets for December 31 of the year.

For each year enter the amount of Property Tax attributable to the Previous Jointly-Owned Assets.

Table a.i. Previous Jointly-Owned Assets (800 kV Bath-Leixington transmission line) Capital Investment Revenue Requirement. Columns include Line #, Description, Notes, Previous Year (Jan-Dec), Current Year (Jan-Dec), and Amount.

Table a.ii. Previous Jointly-Owned Assets (800 kV Bath-Valley transmission line) Capital Investment Revenue Requirement. Columns include Line #, Description, Notes, Previous Year (Jan-Dec), Current Year (Jan-Dec), and Amount.

Table a.iii. Previous Jointly-Owned Assets (Bath Substation Transmission Assets) Capital Investment Revenue Requirement. Columns include Line #, Description, Notes, Previous Year (Jan-Dec), Current Year (Jan-Dec), and Amount.

Note 1: The value in the amount column is calculated using 15 month average balance.

Note 2: These amounts do not include any True-Up Adjustments.

Attachment A – Part 2
2020 True-Up

Virginia Electric and Power Company
ATTACHMENT H-16A

FERC Form 1 Page # or

Formula Rate -- Appendix A

Notes

Instruction (Note H)

2020

Shaded cells are input cells

(000's)

Allocators

Wages & Salary Allocation Factor				
1	Transmission Wages Expense	p354.21b/ Attachment 5	\$	51,332
2	Less Generator Step-ups	Attachment 5		3
3	Net Transmission Wage Expenses	(Line 1 - 2)		51,329
4	Total Wages Expense	p354.28b/Attachment 5		593,962
5	Less A&G Wages Expense	p354.27b/Attachment 5		83,398
6	Total	(Line 4 - 5)	\$	510,564

7	Wages & Salary Allocator	(Note B)	(Line 3 / 6)	10.0535%
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Plant Allocation Factors				
8	Electric Plant In Service	(Notes A & Q)	p207.104.g/Attachment 5	\$ 44,903,901
9	Common Plant In Service - Electric		(Line 26)	0
10	Total Plant In Service		(Sum Lines 8 & 9)	44,903,901
11	Accumulated Depreciation (Total Electric Plant)	(Notes A & Q)	(Line 15 - 14 - 13 - 12)	16,577,718
12	Accumulated Intangible Amortization	(Notes A & Q)	p200.21c/Attachment 5	150,132
13	Accumulated Common Amortization - Electric	(Notes A & Q)	p356/Attachment 5	0
14	Accumulated Common Plant Depreciation - Electric	(Notes A & Q)	p356/Attachment 5	0
15	Total Accumulated Depreciation		p219.29c/Attachment 5	16,727,850

16	Net Plant		(Line 10 - 15)	28,176,051
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17	Transmission Gross Plant		(Line 31 - 30)	10,063,679
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18	Gross Plant Allocator	(Note B)	(Line 17 / 10)	22.4116%
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19	Transmission Net Plant		(Line 44 - 30)	\$ 8,225,055
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20	Net Plant Allocator	(Note B)	(Line 19 / 16)	29.1917%
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Plant Calculations

Plant In Service				
21	Transmission Plant In Service	(Notes A & Q)	p207.58.g/Attachment 5	\$ 10,541,868
22	Less: Generator Step-ups	(Notes A & Q)	Attachment 5	417,775
23	Less: Interconnect Facilities Installed After March 15, 2000	(Notes A & Q)	Attachment 5	170,113
24	Total Transmission Plant In Service		(Lines 21 - 22 - 23)	9,953,981

25	General & Intangible	(Notes A & Q)	p205.5.g + p207.99.g/Attachment 5	1,091,151
26	Common Plant (Electric Only)		p356/Attachment 5	0

27	Total General & Common		(Line 25 + 26)	1,091,151
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28	Wage & Salary Allocation Factor		(Line 7)	10.0535%
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29	General & Common Plant Allocated to Transmission		(Line 27 * 28)	\$ 109,699
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30	Plant Held for Future Use (Including Land)	(Notes C & Q)	p214.47.d/Attachment 5	\$ 6,519
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31	TOTAL Plant In Service		(Line 24 + 29 + 30)	\$ 10,070,199
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Accumulated Depreciation

32	Transmission Accumulated Depreciation	(Notes A & Q)	p219.25.c/Attachment 5	\$ 1,940,901
33	Less Accumulated Depreciation for Generator Step-ups	(Notes A & Q)	Attachment 5	121,671
34	Less Accumulated Depreciation for Interconnect Facilities Installed After March 15, 2000	(Notes A & Q)	Attachment 5	30,072
35	Total Accumulated Depreciation for Transmission		(Line 32 - 33 - 34)	1,789,158
36	Accumulated General Depreciation	(Notes A & Q)	p219.28.b/Attachment 5	341,894
37	Accumulated Intangible Amortization	(Notes A & Q)	(Line 12)	150,132
38	Accumulated Common Amortization - Electric		(Line 13)	0
39	Common Plant Accumulated Depreciation (Electric Only)		(Line 14)	0
40	Total Accumulated Depreciation		(Sum Lines 36 to 39)	492,026
41	Wage & Salary Allocation Factor		(Line 7)	10.0535%
42	General & Common Allocated to Transmission		(Line 40 * 41)	49,466

43	TOTAL Accumulated Depreciation		(Line 35 + 42)	\$ 1,838,624
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44	TOTAL Net Property, Plant & Equipment		(Line 31 - 43)	\$ 8,231,575
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Adjustment To Rate Base					
Accumulated Deferred Income Taxes					
45	Average Balance	(Note U)	Attachment 1	\$	(1,640,671)
45A	Accumulated Deferred Income Taxes Attributable To Acquisition Adjustments		Attachment 5	\$	(401)
46	Accumulated Deferred Income Taxes Allocated To Transmission		(Line 45 + 45A)	\$	(1,641,072)
Transmission O&M Reserves					
47	Total Balance Transmission Related Account 242 Reserves	Enter Negative	Attachment 5	\$	(38,119)
Unamortized Excess/Deficient Deferred Income Taxes					
47A	Unamortized Exc/Def Deferral		Attachment 5	\$	23,300
Prepayments					
48	Prepayments	(Notes A & R)	Attachment 5	\$	2,645
49	Total Prepayments Allocated to Transmission		(Line 48)	\$	2,645
Materials and Supplies					
50	Undistributed Stores Exp	(Notes A & R)	Attachment 5	\$	-
51	Wage & Salary Allocation Factor		(Line 7)		10.0535%
52	Total Transmission Allocated Materials and Supplies		(Line 50 * 51)		0
53	Transmission Materials & Supplies	(Note A)	Attachment 5		22,975
54	Total Materials & Supplies Allocated to Transmission		(Line 52 + 53)	\$	22,975
Cash Working Capital					
55	Transmission Operation & Maintenance Expense		(Line 85)	\$	133,658
56	1/8th Rule		x 1/8		12.5%
57	Total Cash Working Capital Allocated to Transmission		(Line 55 * 56)	\$	16,707
Network Credits					
58	Outstanding Network Credits	(Note N)	Attachment 5 / From PJM		0
59	Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credits	(Note N)	Attachment 5 / From PJM		0
60	Net Outstanding Credits		(Line 58 - 59)		0
Electric Plant Acquisition Adjustments Approved by FERC					
60A	Acquisition Adjustments Amount		Attachment 5	\$	8,804
60B	Accumulated Provision for Amortization of Line 60A Amount		Attachment 5		597
60C	Transmission Plant Unamortized Acquisition Adjustments Amount		(Line 60A - 60B)	\$	8,207
61	TOTAL Adjustment to Rate Base		(Line 46 + 47 + 47A + 49 + 54 + 57 - 60 + 60C)	\$	(1,605,356)
62	Rate Base		(Line 44 + 61)	\$	6,626,219
O&M					
Transmission O&M					
63	Transmission O&M		p321.112.b/Attachment 5	\$	84,811
64	Less GSU Maintenance		Attachment 5		7
65	Less Account 565 - Transmission by Others		p321.96.b/Attachment 5		(18,237)
66	Plus Schedule 12 Charges billed to Transmission Owner and booked to Account 565	(Note O)	PJM Data		0
67	Transmission O&M		(Lines 63 - 64 + 65 + 66)	\$	103,040
Allocated General & Common Expenses					
68	Common Plant O&M	(Note A)	p356		0
69	Total A&G		Attachment 5		343,921
70	Less Property Insurance Account 924		p323.185b		499
71	Less Regulatory Commission Exp Account 928	(Note E)	p323.189b/Attachment 5		33,908
72	Less General Advertising Exp Account 930.1		p323.911b/Attachment 5		3,314
73	Less EPRI Dues	(Note D)	p352-353/Attachment 5		5,252
74	General & Common Expenses		(Lines 68 + 69) - Sum (70 to 73)	\$	300,948
75	Wage & Salary Allocation Factor		(Line 7)		10.0535%
76	General & Common Expenses Allocated to Transmission		(Line 74 * 75)	\$	30,256
Directly Assigned A&G					
77	Regulatory Commission Exp Account 928	(Note G)	p323.189b/Attachment 5	\$	216
78	General Advertising Exp Account 930.1	(Note K)	p323.191b		0
79	Subtotal - Transmission Related		(Line 77 + 78)		216
80	Property Insurance Account 924		p323.185b		499
81	General Advertising Exp Account 930.1	(Note F)	Attachment 5		0
82	Total		(Line 80 + 81)		499
83	Net Plant Allocation Factor		(Line 20)		29.1917%
84	A&G Directly Assigned to Transmission		(Line 82 * 83)	\$	146
85	Total Transmission O&M		(Line 67 + 76 + 79 + 84)	\$	133,658

Depreciation & Amortization Expense

Depreciation Expense				
86	Transmission Depreciation Expense	(Notes A and S)	p336.7b&c/Attachment 5	\$ 274,859
87	Less: GSU Depreciation		Attachment 5	25,446
88	Less Interconnect Facilities Depreciation		Attachment 5	4,809
89	Extraordinary Property Loss		Attachment 5	0
90	Total Transmission Depreciation		(Line 86 - 87 - 88 + 89)	244,604
90A	Amortization of Acquisition Adjustments		Attachment 5	205
91	General Depreciation	(Note A)	p336.10b&c&d/Attachment 5	49,087
92	Intangible Amortization	(Note A)	p336.1d&e/Attachment 5	28,488
93	Total		(Line 91 + 92)	77,575
94	Wage & Salary Allocation Factor		(Line 7)	10.0535%
95	General and Intangible Depreciation Allocated to Transmission		(Line 93 * 94)	7,799
96	Common Depreciation - Electric Only	(Note A)	p336.11.b	0
97	Common Amortization - Electric Only	(Note A)	p356 or p336.11d	0
98	Total		(Line 96 + 97)	0
99	Wage & Salary Allocation Factor		(Line 7)	10.0535%
100	Common Depreciation - Electric Only Allocated to Transmission		(Line 98 * 99)	0

101	Total Transmission Depreciation & Amortization		(Line 90 + 90A + 95 + 100)	\$ 252,607
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Taxes Other than Income

102	Taxes Other than Income		Attachment 2	\$ 65,882
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103	Total Taxes Other than Income		(Line 102)	\$ 65,882
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Return / Capitalization Calculations

Long Term Interest				
104	Long Term Interest	(Note T)	p117.62c through 67c/Attachment 5	\$ 543,232
105	Less LTD Interest on Securitization Bonds	(Note P)	Attachment 8	0
106	Long Term Interest		(Line 104 - 105)	\$ 543,232
107	Preferred Dividends	(Note T), enter positive	p118.29c	\$ -
Common Stock				
108	Proprietary Capital		p112.16c,d/2	\$ 14,272,587
109	Less Preferred Stock	(Note T), enter negative	(Line 117)	0
110	Less Account 219 - Accumulated Other Comprehensive Income	(Note T), enter negative	p112.15c,d/2	\$ 40,812
111	Common Stock		(Sum Lines 108 to 110)	\$ 14,313,399
Capitalization				
112	Long Term Debt		p112.24c,d/2	\$ 13,071,933
113	Less Loss on Reacquired Debt	(Note T), enter negative	p111.81c,d/2	\$ (389)
114	Plus Gain on Reacquired Debt	(Note T), enter positive	p113.61c,d/2	\$ 3,007
115	Less LTD on Securitization Bonds	(Note P)	(Note T), enter negative Attachment 8	0
116	Total Long Term Debt		(Sum Lines 112 to 115)	13,074,551
117	Preferred Stock	(Note T), enter positive	p112.3c,d/2	0
118	Common Stock		(Line 111)	14,313,399
119	Total Capitalization		(Sum Lines 116 to 118)	\$ 27,387,950
120	Debt %	Total Long Term Debt	(Line 116 / 119)	47.7%
121	Preferred %	Preferred Stock	(Line 117 / 119)	0.0%
122	Common %	Common Stock	(Line 118 / 119)	52.3%
123	Debt Cost	Total Long Term Debt	(Line 106 / 116)	0.0415
124	Preferred Cost	Preferred Stock	(Line 107 / 117)	0.0000
125	Common Cost	Common Stock	(Note J) Fixed	0.1140
126	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 120 * 123)	0.0198
127	Weighted Cost of Preferred	Preferred Stock	(Line 121 * 124)	0.0000
128	Weighted Cost of Common	Common Stock	(Line 122 * 125)	0.0596
129	Total Return (R)		(Sum Lines 126 to 128)	0.0794
130	Investment Return = Rate Base * Rate of Return		(Line 62 * 129)	526,208

Composite Income Taxes

Income Tax Rates				
131	FIT=Federal Income Tax Rate		Attachment 5	21.00%
132	SIT=State Income Tax Rate or Composite	(Note I)	Attachment 5	5.86%
133	p	(percent of federal income tax deductible for state purposes)	Per State Tax Code	0.00%
134	T	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\}$		25.63%
135	T/(1-T)			34.45%
Transmission Related Income Tax Adjustments				
136	Amortized Investment Tax Credit (ITC)	(Note I) enter negative	Attachment 1	\$ (128)
136A	Other Income Tax Adjustments		Attachment 5	\$ (3,449)
137	T/(1-T)		(Line 135)	34.45%
138	Transmission Income Taxes - Income Tax Adjustments		((Line 136 + 136A) * (1 + Line 137))	\$ (4,810)
139	Transmission Income Taxes - Equity Return =	$CIT=(T/(1-T) * Investment\ Return * (1-(WCLTD/R))) =$	[Line 135 * 130 * (1-(126 / 129))]	136,020
140	Total Transmission Income Taxes		(Line 138 + 139)	131,210
REVENUE REQUIREMENT				
Summary				
141	Net Property, Plant & Equipment		(Line 44)	\$ 8,231,575
142	Adjustment to Rate Base		(Line 61)	(1,605,356)
143	Rate Base		(Line 62)	\$ 6,626,219
144	O&M		(Line 85)	133,658
145	Depreciation & Amortization		(Line 101)	252,607
146	Taxes Other than Income		(Line 103)	65,882
147	Investment Return		(Line 130)	526,208
148	Income Taxes		(Line 140)	131,210
149				
150	Revenue Requirement		(Sum Lines 144 to 149)	\$ 1,109,565
Acquisition Adjustments Revenue Requirement				
150A	Acquisition Adjustments Return		Line 129 * (60C + 45A)	\$ 620
150B	Acquisition Adjustments Income Taxes		[Line 135 * 150A * (1 - (126 / 129))]	160
150C	Amortization of Acquisition Adjustments		(Line 90A)	205
150D	Acquisition Adjustments Revenue Requirement		(Line 150A + 150B + 150C)	\$ 985
Net Plant Carrying Charge				
151	Revenue Requirement excluding Acquisition Adjustments Revenue Requirement		(Line 150 - 150D)	\$ 1,108,580
152	Net Transmission Plant		(Line 24 - 35)	8,164,822
153	Net Plant Carrying Charge without Acquisition Adjustments		(Line 151 / 152)	13.5775%
154	Net Plant Carrying Charge without Acquisition Adjustments and Depreciation		(Line 151 - 86) / 152	10.2111%
155	Net Plant Carrying Charge without Acquisition Adjustments, Depreciation, Return or Income Taxes		(Line 150 - 86 - 90A - 130 - 140) / 152	2.1689%
Net Plant Carrying Charge Calculation with 100 Basis Point increase in ROE				
156	Gross Revenue Requirement Less Return, Income Taxes, and Amortization of Acquisition Adjustments		(Line 150 - 147 - 148 - 90A)	\$ 451,942
157	Increased Return and Taxes		Attachment 4	703,144
158	Net Revenue Requirement excluding Acquisition Adjustments Rev. Req. with 100 Basis Point increase in ROE		(Line 156 + 157)	1,155,086
159	Net Transmission Plant		(Line 152)	8,164,822
160	Net Plant Carrying Charge with 100 Basis Point increase in ROE without Acquisition Adjustments		(Line 158 / 159)	14.1471%
161	Net Plant Carrying Charge with 100 Basis Point increase in ROE without Acquisition Adjustments and Depreciation		(Line 158 - 86) / 159	10.7807%
162	Revenue Requirement		(Line 150)	\$ 1,109,565
163	True-up Adjustment		Attachment 6	-
164	Plus any increased ROE calculated on Attachment 7 other than PJM Schedule 12 projects.		Attachment 7	2,065
165	Facility Credits under Section 30.9 of the PJM OATT.		Attachment 5	3,212
166	Revenue Credits		Attachment 3	(30,027)
167	Interest on Network Credits		PJM data	0
168	Annual Transmission Revenue Requirement (ATRR)		(Line 162 + 163 + 164 + 165 + 166 + 167)	\$ 1,084,815
Rate for Network Integration Transmission Service				
169	1 CP Peak	(Note L)	PJM Data	19,930.5
170	Rate (\$/MW-Year)		(Line 168 / 169)	54,429.90
171	Rate for Network Integration Transmission Service (\$/MW/Year)		(Line 170)	54,429.90

Notes

- A Electric portion only - VEPCO does not have Common Plant.
- B Excludes amounts for Generator Step-ups and Interconnection Facilities, when appropriate.
- C Includes Transmission portion only.
- D Excludes all EPRI Annual Membership Dues.
- E Includes all regulatory commission expenses.
- F Includes all safety related advertising included in Account 930.1.
- G Includes all regulatory commission expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at 351.h.
- H The Form 1 reference indicates only the end-of-year balance used to derive the amount beside the reference. Each plant balance with a Form 1 reference will include the Form 1 balance in an average of the 13 month balances for the year. Each non-plant balance included in rate base with a Form 1 reference will include Form 1 balances in the calculation of the average of the beginning and end of year balances for the year. See notes Q and R below.
- I 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. If the utility includes taxes in more than one state, it must explain in Attachment 5 the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that elected to use 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) multiplied by $(1/1-T)$. A utility must not include tax credits as a reduction to rate base and as an amortization against taxable income.
- J Per FERC order in Docket No. ER08-92, the ROE is 11.4%, which includes a 50 basis point RTO membership adder as authorized by FERC to become effective January 1, 2008. Per FERC order in Docket No. _____, the ROE for each specific project identified in that order will also include either an 150 or 125 basis point transmission incentive adder as authorized by the Commission.
- K Education and outreach expenses relating to transmission, for example siting or billing.
- L As provided for in Section 34.1 of the PJM OATT.
- M Amount of transmission plant excluded from rates per Attachment 5.
- N Outstanding Network Credits is the balance of Network Facilities Upgrades Credits due Transmission Customers who have made lump-sum payments (net of accumulated depreciation) toward the construction of Network Transmission Facilities consistent with Paragraph 657 of Order 2003-A. Interest on the Network Credits as booked each year is added to the revenue requirement on Line 167.
- O Payments made under Schedule 12 of the PJM OATT that are not directly assessed to load in the Zone under Schedule 12 are included in Transmission O&M. If they are booked to Acct 565, they are included on Line 66.
- P Securitization bonds may be included in the capital structure.
- Q Calculated using 13 month average balance. Only beginning and end of year balances are from Form 1.
- R Calculated using average of beginning and end of year balances. Beginning and end of year balances are from Form 1.
- S The depreciation rates are included in Attachment 9.
- T For the initial formula rate calculation, the projected capital structure shall reflect the capital structure from the 2006 FERC Form No. 1 data. For all other formula rate calculations, the projected capital structure and actual capital structure shall reflect the capital structure from the most recent FERC Form No. 1 data available.
- U ADIT amounts included on Line 45A are not to be included on Line 45 or in the underlying attachments in which the Line 45 amount is computed.

END PRINT RANGE ABOVE HASHED LINE -- NO FORMULA COMPONENTS ARE BELOW.

Virginia Electric and Power Company
Attachment 1 - Accumulated Deferred Income Tax (ADIT) Worksheet - December 31 of the Current Year
(In Thousands)

Current Year: **2020**

Wage and Salary Allocator from Line 7 of Appendix A for the Current Year
Gross Plant Allocator from Line 18 of Appendix A for the Current Year

10.0535%
22.4116%

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
ADIT - Liberalized Depreciation (Amounts Including Adjustments)								
1	Liberalized Depreciation - Transmission	\$ (1,499,413)			(1,499,413)	Assigned	100.0000%	(1,499,413)
2	Liberalized Depreciation - General Plant	\$ (60,742)			(60,742)	Wages & Salaries	10.0535%	(6,107)
3	Liberalized Depreciation - Computer Software (Reverse Book Depreciation)	\$ (19,167)			(19,167)	Wages & Salaries	10.0535%	(1,927)
4	Liberalized Depreciation - Computer Software (Tax Depreciation)	\$ -			-	Wages & Salaries	10.0535%	-
5	Total Liberalized Depreciation Amounts Including Adjustments (Sum of Lines 1 - 4)	\$ -	\$ (1,579,322)		\$ (1,579,322)			\$ (1,507,447)
ADIT - Plant Related Other than Liberalized Depreciation								
6	Transmission Plant (net of GSU/GI Proportion)	84	(167,703)		(167,619)	Assigned	100.0000%	(167,619)
7	General Plant	25	(10,979)		(10,954)	Wages & Salaries	10.0535%	(1,101)
8	Plant - Other	52,119	(60)	(50,142)	1,917	Gross Plant	22.4116%	430
9	Total Plant Related Other than Liberalized Depreciation (Sum of Lines 6 - 8)	\$ 52,228	\$ (178,742)	\$ (50,142)	\$ (176,657)			\$ (168,291)
ADIT - Not Plant Related								
10	Employee Benefits	138,796	-	(79,033)	59,763	Wages & Salaries	10.0535%	6,008
11	Other Operating	43,072	-	(1,972)	41,100	Wages & Salaries	10.0535%	4,132
12	Total Not Plant Related (Sum of Lines 10 - 11)	\$ 181,868	\$ -	\$ (81,005)	\$ 100,863			\$ 10,140
13	Total ADIT used for Assignment or Allocation to Transmission (Sum of Lines 5, 9 & 12)	\$ 234,096	\$ (1,758,065)	\$ (131,147)	\$ (1,655,116)			\$ (1,665,597)
Reconciliation to FERC Form 1 Accounts:								
14	Liberalized Depreciation not Allocated or Assigned to Transmission	(3,560,333)						
15	Total Amount of Excluded ADIT in Line 5 due to Adjustments	(97,678)						
16	Excluded Amounts (see Explanations below)	3,308,698	1,796,034	(1,894,398)				
17	Total ADIT Not Used for Assignment or Allocation to Transmission (Sum of Lines 14-16)	\$ 3,308,698	\$ (2,261,977)	\$ (1,894,398)				
18	Total FERC Form 1 Balance (Sum of Lines 13 & 17)	\$ 3,542,794	\$ (4,020,041)	\$ (2,025,545)				

Explanations:

A detailed set of work papers supporting these inputs shall be included with the work papers posted on the PJM website and included in the informational filing with the Commission. Lines 1-4 inputs are from Attachment 1B if the inputs are for a projected rate calculation or from Attachment 1C if the inputs are for a true-up calculation. Lines 6-8, 10-11 and 14 inputs are totals for each category by account obtained from work papers maintained by the Tax Department. Line 15 represents the impact of proration and the removal of ADIT associated with generator step-up transformers as determined on Attachment 1B or 1C. It is the mathematical difference between the inputs for Lines 1-4 and the unadjusted amounts provided in the applicable Attachment 1B or 1C. Line 16 inputs are excluded ADIT items (not otherwise listed in Lines 14 and 15) from the Formula Rate such as ADIT associated with the production and distribution functions, non-operating income and deductions, and other comprehensive income entries or unfunded ADIT balances primarily due to the adoption of SFAS No. 109.

Virginia Electric and Power Company
Attachment 1 -- Continued
(In Thousands)

<u>Line</u>	<u>Description</u>	<u>Balance Date</u>	<u>Amount</u>
<u>ADIT Summary and Calculation of Average Balance</u>			
19	Transmission Total ADIT from Attachment 1, Line 13	December 31 of the Current Year	\$ (1,665,597)
20	Transmission Total ADIT from Attachment 1A, Line 13 (Note 1)	December 31 of the Previous Year	\$ (1,615,744)
21	Average Balance for Entry on Line 45 of Appendix A		<u>\$ (1,640,671)</u>
 <u>Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet -- Amortization of ITC-255</u>			
	<u>Item</u>		
22	Amortization of Transmission Related for Entry on Line 136 of Appendix A		\$ 128
23	Amortization, Other		\$ (39,699)
24	Current Year Amortization (Line 22 + 23)		<u>\$ (39,571)</u>
25	Current Year Amortization from Form 1 (Current Year Items from p266.8f-g)		\$ (39,571)
26	Difference (Line 24 - 25) (Must be Zero)		\$ -

Note (1): For the true-up of 2017 only, the value entered on Line 20 shall be the December 31, 2016 ADIT balance from the 2016 true-up population of the formula rate in effect on December 31, 2016.

Virginia Electric and Power Company
Attachment 1A - Accumulated Deferred Income Tax (ADIT) Worksheet - December 31 of the Previous Year
 (In Thousands)

Previous Year: **2019**

For the true-up of 2017, this Attachment 1A shall not be populated. The December 31, 2016 ADIT balance used in Attachment 1 of the 2017 true-up population shall be the December 31, 2016 ADIT balance from the 2016 true-up population of the formula rate in effect on December 31, 2016.

Wage and Salary Allocator from Line 7 of Appendix A for the Previous Year
 Gross Plant Allocator from Line 18 of Appendix A for the Previous Year

9.8947%	(C)	(D)	(E)	(F)	(G)	(H)	(I)
21.8631%							

Line	(A)	(B)	Transmission				Allocation / Assignment %	Transmission Total
			Account 190	Account 282	Account 283	Total		
ADIT - Liberalized Depreciation (Amounts Including Adjustments)								
1	Liberalized Depreciation - Transmission	\$ (1,499,413)			(1,499,413)	Assigned	100.0000%	(1,499,413)
2	Liberalized Depreciation - General Plant	\$ (60,742)			(60,742)	Wages & Salaries	9.8947%	(6,010)
3	Liberalized Depreciation - Computer Software (Reverse Book Depreciation)	\$ (19,167)			(19,167)	Wages & Salaries	9.8947%	(1,897)
4	Liberalized Depreciation - Computer Software (Tax Depreciation)	\$ -			-	Wages & Salaries	9.8947%	-
5	Total Liberalized Depreciation Amounts including Adjustments (Sum of Lines 1 - 4)	\$ -	\$ (1,579,322)		\$ (1,579,322)			\$ (1,507,320)
ADIT - Plant Related Other than Liberalized Depreciation								
6	Transmission Plant (net of GSU/GI Proportion)	138	(123,410)	-	(123,273)	Assigned	100.0000%	(123,273)
7	General Plant	35	(11,053)	-	(11,018)	Wages & Salaries	9.8947%	(1,090)
8	Plant - Other	53,554	(536)	(51,454)	1,564	Gross Plant	21.8631%	342
9	Total Plant Related Other than Liberalized Depreciation (Sum of Lines 6 - 8)	\$ 53,727	\$ (135,000)	\$ (51,454)	\$ (132,726)			\$ (124,021)
ADIT - Not Plant Related								
10	Employee Benefits	221,177	-	(69,421)	151,756	Wages & Salaries	9.8947%	15,016
11	Other Operating	6,154	-	(282)	5,872	Wages & Salaries	9.8947%	581
12	Total Not Plant Related (Sum of Lines 10 - 11)	\$ 227,331	\$ -	\$ (69,703)	\$ 157,629			\$ 15,597
13	Total ADIT used for Assignment or Allocation to Transmission (Sum of Lines 5, 9 & 12)	\$ 281,059	\$ (1,714,322)	\$ (121,157)	\$ (1,554,420)			\$ (1,615,744)
Reconciliation to FERC Form 1 Accounts:								
14	Liberalized Depreciation not Allocated or Assigned to Transmission	(4,071,508)						
15	Total Amount of Excluded ADIT in Line 5 due to Adjustments	(80,712)						
16	Excluded Amounts (see Explanations below)	2,790,520	1,682,390	(1,461,912)				
17	Total ADIT Not Used for Assignment or Allocation to Transmission (Sum of Lines 14-16)	2,790,520	(2,469,830)	(1,461,912)				
18	Total FERC Form 1 Balance (Sum of Lines 13 & 17)	\$ 3,071,578	\$ (4,184,151)	\$ (1,583,066)				

Explanations:

A detailed set of work papers supporting these inputs shall be included with the work papers posted on the PIM website and included in the informational filing with the Commission. Lines 1-4 inputs are from Attachment 1B if the inputs are for a projected rate calculation or from Attachment 1C if the inputs are for a true-up calculation. Lines 6-8, 10-11 and 14 inputs are totals for each category by account obtained from work papers maintained by the Tax Department. Line 15 represents the impact of proration and the removal of ADIT associated with generator step-up transformers as determined on Attachment 1B or 1C, as applicable. It is the mathematical difference between the inputs for Lines 1-4 and the unadjusted amounts provided in the applicable Attachment 1B or 1C. Line 16 inputs are excluded ADIT items (not otherwise listed in Lines 14 and 15) from the Formula Rate such as ADIT associated with the production and distribution functions, non-operating income and deductions, and other comprehensive income entries or unfunded ADIT balances primarily due to the adoption of SFAS No. 109.

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 1B

Projected Accumulated Deferred Federal Income Taxes Associated with Pro-rata Liberalized Depreciation

Applicable to the Projections of 2019 and Later and True-ups of 2019 and Later

If the formula rate population is for determining a projected ATRR, enter the year for which the projection is being made on line 1 and populate the remainder of this Attachment 1B with the projected data associated with that year. If the formula rate population is for determining a true-up ATRR for use on Line A of Attachment 6, enter the year for which the true-up is being calculated on line 1 and populate the remainder of this Attachment 1B with the data that was included in Attachment 1B of the projection associated with that year.

Sheet 1 of 3

Line 1 Projection for Year: 2020
 Line 2 Number of Days in Year: 366 (Enter 365, or for Leap Year enter 366)

Part 1: Account 282, Transmission Plant In Service

Columns 3, 4, 7, and 8 are in dollars (except line 16).

Line	(1) Year	(2) Month	(3) Projected Transmission Plant in Service ADIT	(4) Activity	(5) Remaining Days	(6) Ratio	(7) Activity with Proration	(8) ADIT with Proration
3	2019	Dec	(1,588,077,790)					(1,588,077,790)
4	2020	Jan	(1,591,473,651)	(3,395,861)	336	0.918033	(3,117,511)	(1,591,195,301)
5	2020	Feb	(1,594,869,511)	(3,395,861)	307	0.838798	(2,848,441)	(1,594,043,742)
6	2020	Mar	(1,598,265,372)	(3,395,861)	276	0.754098	(2,560,813)	(1,596,604,555)
7	2020	Apr	(1,601,661,233)	(3,395,861)	246	0.672131	(2,282,464)	(1,598,887,019)
8	2020	May	(1,605,057,093)	(3,395,861)	215	0.587432	(1,994,836)	(1,600,881,855)
9	2020	Jun	(1,608,452,954)	(3,395,861)	185	0.505464	(1,716,487)	(1,602,598,342)
10	2020	Jul	(1,611,848,815)	(3,395,861)	154	0.420765	(1,428,859)	(1,604,027,201)
11	2020	Aug	(1,615,244,675)	(3,395,861)	123	0.336066	(1,141,232)	(1,605,168,433)
12	2020	Sep	(1,618,640,536)	(3,395,861)	93	0.254098	(862,883)	(1,606,031,316)
13	2020	Oct	(1,622,036,397)	(3,395,861)	62	0.169399	(575,255)	(1,606,606,571)
14	2020	Nov	(1,625,432,257)	(3,395,861)	32	0.087432	(296,906)	(1,606,903,477)
15	2020	Dec	(1,628,828,118)	(3,395,861)	1	0.002732	(9,278)	(1,606,912,755)
16	Total Transmission Plant In Service Net of GSU and GI Plant as a Percentage of Total Transmission Plant In Service:							94.42%
17	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate a Projected ATRR:							(1,517,300,149)

Explanations:

Col. 3	Projected Account 282 month-end ADIT (excludes cost of removal).
Col. 4	Monthly change in ADIT balance.
Col. 5	Number of days remaining in the year as of and including the last day of the month.
Col. 6	Col. 5 divided by the number of days in the year.
Col. 7	Col. 4 multiplied by col. 6.
Col. 8, Line 3	Amount from col. 3, line 3.
Col. 8, Lines 4-15	Col. 8 of previous month plus col. 7 of current month.
Col. 8, Line 16	Appendix A Line 24 ÷ Appendix A, Line 21 (from the projection population of the formula)
Col. 8, Line 17	Col. 8, Line 15 multiplied by line 16.

Attachment 1B - 2020 Projection / 2019 True-Up (Continued)
2020
 Sheet 2 of 3

Part 2: Account 282, General Plant

Columns 3, 4, 7, and 8 are in dollars.

(1) Line	(2) Year	(3) Month	(3) Projected General Plant ADIT	(4) Activity	(5) Remaining Days	(6) Ratio	(7) Activity with Proration	(8) ADIT with Proration	
1	2019	Dec	(56,023,120)					(56,023,120)	
2	2020	Jan	(55,793,059)	230,061	336	0.918033	211,204	(55,811,916)	
3	2020	Feb	(55,562,998)	230,061	307	0.838798	192,975	(55,618,941)	
4	2020	Mar	(55,332,937)	230,061	276	0.754098	173,489	(55,445,452)	
5	2020	Apr	(55,102,875)	230,061	246	0.672131	154,631	(55,290,821)	
6	2020	May	(54,872,814)	230,061	215	0.587432	135,145	(55,155,676)	
7	2020	Jun	(54,642,753)	230,061	185	0.505464	116,288	(55,039,388)	
8	2020	Jul	(54,412,692)	230,061	154	0.420765	96,802	(54,942,586)	
9	2020	Aug	(54,182,631)	230,061	123	0.336066	77,316	(54,865,270)	
10	2020	Sep	(53,952,570)	230,061	93	0.254098	58,458	(54,806,812)	
11	2020	Oct	(53,722,508)	230,061	62	0.169399	38,972	(54,767,840)	
12	2020	Nov	(53,492,447)	230,061	32	0.087432	20,115	(54,747,725)	
13	2020	Dec	(53,262,386)	230,061	1	0.002732	629	(54,747,096)	
14	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments and 1 1A Only When the Formula Rate Population is to Calculate a Projected ATRR:								(54,747,096)

Explanations:

Col. 3	Projected Account 282 month-end ADIT (excludes cost of removal).
Col. 4	Current month change in ADIT balance.
Col. 5	Number of days remaining in the year as of and including the last day of the month.
Col. 6	Col. 5 divided by the number of days in the year.
Col. 7	Col. 4 multiplied by Col. 6.
Col. 8, Line 1	Amount from col. 3, line 1.
Col. 8, Lines 2-13	Col. 8 of previous month plus Col. 7 of current month.
Col. 8, Line 14	Col. 8, Line 13.

Attachment 1B 2020 Projection / 2019 True-Up (Continued)
2020
 Sheet 3 of 3

Part 3: Account 282, Computer Software - Book Amortization

Columns 3, 4, 7, and 8 are in dollars.
 The column and line explanations are as described for Part 2.

Line	(1) Year	(2) Month	(3) Projected Computer Software Book Amount ADIT	(4) Activity	(5) Remaining Days	(6) Ratio	(7) Activity with Proration	(8) ADIT with Proration
1	2019	Dec	(17,105,765)					(17,105,765)
2	2020	Jan	(16,519,122)	586,643	336	0.918033	538,557	(16,567,208)
3	2020	Feb	(15,932,480)	586,643	307	0.838798	492,075	(16,075,133)
4	2020	Mar	(15,345,837)	586,643	276	0.754098	442,386	(15,632,747)
5	2020	Apr	(14,759,194)	586,643	246	0.672131	394,301	(15,238,446)
6	2020	May	(14,172,551)	586,643	215	0.587432	344,613	(14,893,833)
7	2020	Jun	(13,585,909)	586,643	185	0.505464	296,527	(14,597,306)
8	2020	Jul	(12,999,266)	586,643	154	0.420765	246,839	(14,350,467)
9	2020	Aug	(12,412,623)	586,643	123	0.336066	197,150	(14,153,317)
10	2020	Sep	(11,825,980)	586,643	93	0.254098	149,065	(14,004,252)
11	2020	Oct	(11,239,338)	586,643	62	0.169399	99,377	(13,904,875)
12	2020	Nov	(10,652,695)	586,643	32	0.087432	51,291	(13,853,584)
13	2020	Dec	(10,066,052)	586,643	1	0.002732	1,603	(13,851,981)

14 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate a Projected ATRR: (13,851,981)

Part 4: Account 282, Computer Software - Tax Amortization

Columns 3, 4, 7, and 8 are in dollars.
 The column and line explanations are as described for Part 2.

Line	(1) Year	(2) Month	(3) Projected Computer Software Tax Amount ADIT	(4) Activity	(5) Remaining Days	(6) Ratio	(7) Activity with Proration	(8) ADIT with Proration
1	2019	Dec	0					0
2	2020	Jan	0	0	336	0.918033	0	0
3	2020	Feb	0	0	307	0.838798	0	0
4	2020	Mar	0	0	276	0.754098	0	0
5	2020	Apr	0	0	246	0.672131	0	0
6	2020	May	0	0	215	0.587432	0	0
7	2020	Jun	0	0	185	0.505464	0	0
8	2020	Jul	0	0	154	0.420765	0	0
9	2020	Aug	0	0	123	0.336066	0	0
10	2020	Sep	0	0	93	0.254098	0	0
11	2020	Oct	0	0	62	0.169399	0	0
12	2020	Nov	0	0	32	0.087432	0	0
13	2020	Dec	0	0	1	0.002732	0	0

14 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate a Projected ATRR: 0

Virginia Electric and Power Company

ATTACHMENT H-16A

Attachment 1C - 2018

True-up of Accumulated Deferred Federal Income Taxes Associated with Pro-rata Liberalized Depreciation

Applicable Only to the True-up of 2018

If the formula rate population is for determining the 2018 true-up ATRR for use on Line A of Attachment 6, populate this Attachment 1C - 2018 with the actual data associated with that year. Use the amounts from line 17 of Part 1, and line 14 of Parts 2, 3, and 4, in populating Attachment 1 and Attachment 1A as instructed in this Attachment 1C - 2018.

Sheet 1 of 4

Line 1 True-up Year: 2018
 Line 2 Number of Days in Year: 365

Part 1: Account 282, Transmission Plant In Service

Columns 3 through 12 are in dollars (except lines 15b, 15e, and 16).

Line	Year	Month	(1) Actual Transmission Plant In Service ADIT	(2)	(3) Actual Activity	(4) Projected Activity from Column (4) of Attachment 1B	(5)	(6) Activity Difference	(7) Reversal of Projected Activity Not Realized	(8) Activity Not in Projection	(9) Reversal of Projected Activity Not Realized With Proration	(10) Projected Activity With Proration from Column (7) of Attachment 1B	(11) ADIT Activity for True-up	(12) ADIT Balances for True-up
3	2017	Dec												
4	2018	Jan			-			-						
5	2018	Feb			-			-						
6	2018	Mar			-			-						
7	2018	Apr			-			-						
8	2018	May			-			-						
9	2018	Jun			-			-						
10	2018	Jul			-			-						
11	2018	Aug			-			-						
12	2018	Sep			-			-						
13	2018	Oct			-			-						
14	2018	Nov			-			-						
15	2018	Dec			-			-						
15a	Pre-change -- Average of Actual ADIT Balance from Col.12, December 31, 2017 and December 31, 2018													-
15b	177 Days Divided by 365 Days													48.49%
15c	Component of Average ADIT Balance Attributable to January 1 Through June 26 (15a X 15b)													-
15d	Post-change -- ADIT Balance for True-up from Col. 12, December 31, 2018													-
15e	188 Days Divided by 365 Days													51.51%
15f	Component of ADIT Balance Attributable to June 27 Through December 31 (15d X 15e)													-
15g	Pre-change Component plus Post-change Component (15c + 15f)													-
16	Total Transmission Plant In Service Net of GSU and GI Plant as a Percentage of Total Transmission Plant In Service:													94.25%
17	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate the 2018 True-up ATRR:													-

Explanations:

Col. 3	Actual Account 282 month-end ADIT (excludes cost of removal).		
Col. 4	Monthly change in ADIT balance.	Col. 12, Lines 4-15	Col. 12 of previous month plus col. 11 of current month.
Col. 6	Col. 4 minus col. 5	Col. 12, Line 15b	Effective date of change is June 27, 2018.
Col. 7	The portion of the amount in col. 6 included in original projection but not realized.	Col. 12, Line 15d	December 31, 2018 balance minus the sum of the activity in col. 8 times a factor of 50%.
Col. 8	The portion of the amount in col. 6 not included in original projection.		
Col. 9	The amount in col. 7 multiplied by the ratio from col. 6 of Attachment 1B, Part 1.	Col. 12, Line 16	Appendix A, Line 24 ÷ Appendix A, Line 21 (from the true-up population of the formula).
Col. 11	The sum of col. 8, col. 9, and col. 10.		
Col. 12, Line 3	Amount from col. 3, line 3.	Col. 12, Line 17	Col. 12, Line 15g multiplied by line 16.

Attachment 1C - 2018 (Continued)

2018

Sheet 2 of 4

Part 2: Account 282, General Plant

Columns 3 through 12 are in dollars (except lines 13b and 13e).

Line	(1) Year	(2) Month	(3) Actual General Plant ADIT	(4) Actual Activity	(5) Projected Activity from Column (4) of Attachment 1B	(6) Activity Difference	(7) Reversal of Projected Activity Not Realized	(8) Activity Not in Projection	(9) Reversal of Projected Activity Not Realized With Proration	(10) Projected Activity With Proration from Column (7) of Attachment 1B	(11) ADIT Activity for True-up	(12) ADIT Balances for True-up
1	2017	Dec										-
2	2018	Jan		-		-	-	-	-		-	-
3	2018	Feb		-		-	-	-	-		-	-
4	2018	Mar		-		-	-	-	-		-	-
5	2018	Apr		-		-	-	-	-		-	-
6	2018	May		-		-	-	-	-		-	-
7	2018	Jun		-		-	-	-	-		-	-
8	2018	Jul		-		-	-	-	-		-	-
9	2018	Aug		-		-	-	-	-		-	-
10	2018	Sep		-		-	-	-	-		-	-
11	2018	Oct		-		-	-	-	-		-	-
12	2018	Nov		-		-	-	-	-		-	-
13	2018	Dec		-		-	-	-	-		-	-
13a												-
13b												Pre-change -- Average of Actual ADIT Balance from Col. 12, December 31, 2017 and December 31, 2018 177 Days Divided by 365 Days
13c												48.49%
												Component of Average ADIT Balance Attributable to January 1 Through June 26 (13a X 13b)
13d												-
												Post-change -- ADIT Balance for True-up from Col. 12, December 31, 2018
13e												188 Days Divided by 365 Days
13f												51.51%
												Component of ADIT Balance Attributable to June 27 Through December 31 (13d X 13e)
13g												-
												Pre-change Component plus Post-change Component (13c + 13f)
14												-
												Amount to be Entered (in thousands) in Column F of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate the 2018 True-up ATRR:

Explanations:

Col. 3	Actual Account 282 month-end ADIT (excludes cost of removal).
Col. 4	Monthly change in ADIT balance.
Col. 6	Col. 4 minus col. 5
Col. 7	The portion of the amount in col. 6 included in original projection but not realized.
Col. 8	The portion of the amount in col. 6 not included in original projection.
Col. 9	The amount in col. 7 multiplied by the ratio from col. 6 of Attachment 1B, Part 2, 3 or 4 (as appropriate).
Col. 11	The sum of col. 8, col. 9, and col. 10.
Col. 12, Line 1	Amount from col. 3, line 1.
Col. 12, Lines 2-13	Col. 12 of previous month plus col. 11 of current month.
Col. 12, Line 13d	December 31, 2018 balance minus the sum of the activity in col. 8 times a factor of 50%.
Col. 12, Line 14	Amount from col. 12, line 13g.

Attachment 1C - 2018 (Continued)

2018

Sheet 3 of 4

Part 3: Account 282, Computer Software - Book Amortization

Columns 3 through 12 are in dollars (except lines 13b and 13e).
The column and line explanations are as described for Part 2.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Line	Year	Month	Actual Computer Software Book Amount ADIT	Actual Activity	Projected Activity from Column (4) of Attachment 1B	Activity Difference	Reversal of Projected Activity Not Realized	Activity Not in Projection	Reversal of Projected Activity Not Realized With Proration	Projected Activity With Proration from Column (7) of Attachment 1B	ADIT Activity for True-up	ADIT Balances for True-up
1	2017	Dec										-
2	2018	Jan										-
3	2018	Feb										-
4	2018	Mar										-
5	2018	Apr										-
6	2018	May										-
7	2018	Jun										-
8	2018	Jul										-
9	2018	Aug										-
10	2018	Sep										-
11	2018	Oct										-
12	2018	Nov										-
13	2018	Dec										-
13a	Pre-change -- Average of Actual ADIT Balance from Col. 12, December 31, 2017 and December 31, 2018											-
13b	177 Days Divided by 365 Days											48.49%
13c	Component of Average ADIT Balance Attributable to January 1 Through June 26 (13a X 13b)											-
13d	Post-change -- ADIT Balance for True-up from Col. 12, December 31, 2018											-
13e	188 Days Divided by 365 Days											51.51%
13f	Component of ADIT Balance Attributable to June 27 Through December 31 (13d X 13e)											-
13g	Pre-change Component plus Post-change Component (13c + 13f)											-
14	Amount to be Entered (in thousands) in Column F of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate the 2018 True-up ATRR:											-

Attachment 1C - 2018 (Continued)

2018

Sheet 4 of 4

Part 4: Account 282, Computer Software - Tax Amortization

Columns 3 through 12 are in dollars (except lines 13b and 13e).
The column and line explanations are as described for Part 2.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Line	Year	Month	Actual Computer Software Tax Amount ADIT	Actual Activity	Projected Activity from Column (4) of Attachment 1B	Activity Difference	Reversal of Projected Activity Not Realized	Activity Not in Projection	Reversal of Projected Activity Not Realized With Proration	Projected Activity With Proration from Column (7) of Attachment 1B	ADIT Activity for True-up	ADIT Balances for True-up
1	2017	Dec										-
2	2018	Jan										-
3	2018	Feb										-
4	2018	Mar										-
5	2018	Apr										-
6	2018	May										-
7	2018	Jun										-
8	2018	Jul										-
9	2018	Aug										-
10	2018	Sep										-
11	2018	Oct										-
12	2018	Nov										-
13	2018	Dec										-
13a	Pre-change -- Average of Actual ADIT Balance from Col. 12, December 31, 2017 and December 31, 2018										-	
13b	177 Days Divided by 365 Days										48.49%	
13c	Component of Average ADIT Balance Attributable to January 1 Through June 26 (13a X 13b)										-	
13d	Post-change -- ADIT Balance for True-up from Col. 12, December 31, 2018										-	
13e	188 Days Divided by 365 Days										51.51%	
13f	Component of ADIT Balance Attributable to June 27 Through December 31 (13d X 13e)										-	
13g	Pre-change Component plus Post-change Component (13c + 13f)										-	
14	Amount to be Entered (in thousands) in Column F of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate the 2018 True-up ATRR:										-	

**Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 1C**

True-up of Accumulated Deferred Federal Income Taxes Associated with Pro-rata Liberalized Depreciation

Applicable to the True-ups of 2019 and Later

If the formula rate population is for determining a projected ATRR, do not populate this Attachment 1C. If the formula rate population is for determining a true-up ATRR for use on Line A of Attachment 6, enter the year for which the true-up is being calculated on line 1 and populate the remainder of this Attachment 1C with the actual data associated with that year. Use the amounts from line 17 of Part 1, and line 14 of Parts 2, 3, and 4, in populating Attachment 1 and Attachment 1A as instructed in this Attachment 1C.

Sheet 1 of 3

Line 1 True-up Year: 2020 (If Populated, Must Match Attachment 1B, Part 1, Line 1)
Line 2 Number of Days in Year: 366 (From Attachment 1B, Part 1, Line 2)

Part 1: Account 282, Transmission Plant In Service

Columns 3 through 12 are in dollars (except line 16).

Line	Year	Month	(3) Actual Transmission Plant In Service ADIT	(4) Actual Activity	(5) Projected Activity from Column (4) of Attachment 1B	(6) Activity Difference	(7) Reversal of Projected Activity Not Realized	(8) Activity Not in Projection	(9) Reversal of Projected Activity Not Realized With Proration	(10) Projected Activity With Proration from Column (7)	(11) ADIT Activity for True-up	(12) ADIT Balances for True-up
3	2019	Dec	(1,574,588,945)									(1,574,588,945)
4	2020	Jan	(1,575,354,349)	(765,404)	(3,395,861)	2,630,457	2,630,457	0	2,414,846	(3,117,511)	(702,665)	(1,575,291,611)
5	2020	Feb	(1,576,119,753)	(765,404)	(3,395,861)	2,630,457	2,630,457	0	2,206,421	(2,848,441)	(642,020)	(1,575,933,630)
6	2020	Mar	(1,576,885,157)	(765,404)	(3,395,861)	2,630,457	2,630,457	0	1,983,623	(2,560,813)	(577,190)	(1,576,510,820)
7	2020	Apr	(1,577,650,560)	(765,404)	(3,395,861)	2,630,457	2,630,457	0	1,768,012	(2,282,464)	(514,452)	(1,577,025,272)
8	2020	May	(1,578,415,964)	(765,404)	(3,395,861)	2,630,457	2,630,457	0	1,545,214	(1,994,836)	(449,622)	(1,577,474,894)
9	2020	Jun	(1,579,181,368)	(765,404)	(3,395,861)	2,630,457	2,630,457	0	1,329,603	(1,716,487)	(386,884)	(1,577,861,779)
10	2020	Jul	(1,579,946,772)	(765,404)	(3,395,861)	2,630,457	2,630,457	0	1,106,804	(1,428,859)	(322,055)	(1,578,183,833)
11	2020	Aug	(1,595,810,799)	(15,864,027)	(3,395,861)	(12,468,166)	0	(12,468,166)	0	(1,141,232)	(7,375,315)	(1,585,559,149)
12	2020	Sep	(1,594,697,827)	1,112,972	(3,395,861)	4,508,833	3,395,861	1,112,972	862,883	(862,883)	556,486	(1,585,002,663)
13	2020	Oct	(1,595,463,230)	(765,404)	(3,395,861)	2,630,457	2,630,457	0	445,597	(575,255)	(129,658)	(1,585,132,321)
14	2020	Nov	(1,596,228,634)	(765,404)	(3,395,861)	2,630,457	2,630,457	0	229,985	(296,906)	(66,921)	(1,585,199,242)
15	2020	Dec	(1,605,146,089)	(8,917,455)	(3,395,861)	(5,521,594)	0	(5,521,594)	0	(9,278)	(2,770,075)	(1,587,969,317)

16 Total Transmission Plant In Service Net of GSU and GI Plant as a Percentage of Total Transmission Plant In Service: 94.42%

17 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate a True-up ATRR: (1,499,413,129)

Explanations:

- Col. 3 Actual Account 282 month-end ADIT (excludes cost of removal).
- Col. 4 Monthly change in ADIT balance.
- Col. 6 Col. 4 minus col. 5
- Col. 7 The portion of the amount in col. 6 included in original projection but not realized.
- Col. 8 The portion of the amount in col. 6 not included in original projection.
- Col. 9 The amount in col. 7 multiplied by the ratio from col. 6 of Attachment 1B, Part 1.
- Col. 11 The sum of col. 8 times a factor of 50%, col. 9, and col. 10.
- Col. 12, Line 3 Amount from col. 3, line 3.
- Col. 12, Lines 4-15 Col. 12 of previous month plus col. 11 of current month.
- Col. 12, Line 16 Appendix A, Line 24 ÷ Appendix A, Line 21 (from the true-up population of the formula)
- Col. 12, Line 17 Col. 12, Line 15 multiplied by line 16.

Attachment 1C (Continued)

2020

Sheet 2 of 3

Part 2: Account 282, General Plant

Columns 3 through 12 are in dollars.

Line	(1) Year	(2) Month	(3) Actual General Plant ADIT	(4) Actual Activity	(5) Projected Activity from Column (4) of Attachment 1B	(6) Activity Difference	(7) Reversal of Projected Activity Not Realized	(8) Activity Not in Projection	(9) Reversal of Projected Activity Not Realized With Proration	(10) Projected Activity With Proration from Column (7) of Attachment 1B	(11) ADIT Activity for True-up	(12) ADIT Balances for True-up
1	2019	Dec	(66,389,167)									(66,389,167)
2	2020	Jan	(66,346,053)	43,114	230,061	(186,947)	(186,947)	0	(171,623)	211,204	39,581	(66,349,586)
3	2020	Feb	(66,302,938)	43,114	230,061	(186,947)	(186,947)	0	(156,811)	192,975	36,164	(66,313,422)
4	2020	Mar	(66,259,824)	43,114	230,061	(186,947)	(186,947)	0	(140,976)	173,489	32,513	(66,280,909)
5	2020	Apr	(66,216,710)	43,114	230,061	(186,947)	(186,947)	0	(125,653)	154,631	28,978	(66,251,931)
6	2020	May	(66,173,595)	43,114	230,061	(186,947)	(186,947)	0	(109,818)	135,145	25,327	(66,226,604)
7	2020	Jun	(66,130,481)	43,114	230,061	(186,947)	(186,947)	0	(94,495)	116,288	21,793	(66,204,811)
8	2020	Jul	(66,087,366)	43,114	230,061	(186,947)	(186,947)	0	(78,661)	96,802	18,141	(66,186,670)
9	2020	Aug	(56,690,505)	9,396,861	230,061	9,166,800	0	9,166,800	0	77,316	4,660,716	(61,525,954)
10	2020	Sep	(56,647,390)	43,114	230,061	(186,947)	(186,947)	0	(47,503)	58,458	10,955	(61,514,999)
11	2020	Oct	(56,604,276)	43,114	230,061	(186,947)	(186,947)	0	(31,669)	38,972	7,303	(61,507,695)
12	2020	Nov	(56,561,162)	43,114	230,061	(186,947)	(186,947)	0	(16,345)	20,115	3,770	(61,503,925)
13	2020	Dec	(54,808,699)	1,752,462	230,061	1,522,401	0	1,522,401	0	629	761,830	(60,742,096)

14 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate a True-up ATRR: (60,742,096)

Explanations:

- Col. 3 Actual Account 282 month-end ADIT (excludes cost of removal).
- Col. 4 Monthly change in ADIT balance.
- Col. 6 Col. 4 minus col. 5
- Col. 7 The portion of the amount in col. 6 included in original projection but not realized.
- Col. 8 The portion of the amount in col. 6 not included in original projection.
- Col. 9 The amount in col. 7 multiplied by the ratio from col. 6 of Attachment 1B, Part 2, 3 or 4 (as appropriate).
- Col. 11 The sum of col. 8 times a factor of 50%, col. 9, and col. 10.
- Col. 12, Line 1 Amount from col. 3, line 1.
- Col. 12, Lines 2-13 Col. 12 of previous month plus col. 11 of current month.
- Col. 12, Line 14 Amount from col. 12, line 13.

Attachment 1C (Continued)
2020
Sheet 3 of 3

Part 3: Account 282, Computer Software - Book Amortization

Columns 3 through 12 are in dollars.
The column and line explanations are as described for Part 2.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Line	Year	Month	Actual Computer Software Book Amount ADIT	Actual Activity	Projected Activity from Column (4) of Attachment 1B	Activity Difference	Reversal of Projected Activity Not Realized	Activity Not in Projection	Reversal of Projected Activity Not Realized With Proration	Projected Activity With Proration from Column (7) of Attachment 1B	ADIT Activity for True-up	ADIT Balances for True-up
1	2019	Dec	(21,083,860)									(21,083,860)
2	2020	Jan	(20,718,078)	365,782	586,643	(220,861)	(220,861)	0	(202,758)	538,557	335,799	(20,748,061)
3	2020	Feb	(20,352,297)	365,782	586,643	(220,861)	(220,861)	0	(185,258)	492,075	306,817	(20,441,244)
4	2020	Mar	(19,986,515)	365,782	586,643	(220,861)	(220,861)	0	(166,551)	442,386	275,835	(20,165,409)
5	2020	Apr	(19,620,734)	365,782	586,643	(220,861)	(220,861)	0	(148,448)	394,301	245,853	(19,919,555)
6	2020	May	(19,254,952)	365,782	586,643	(220,861)	(220,861)	0	(129,741)	344,613	214,872	(19,704,683)
7	2020	Jun	(18,889,170)	365,782	586,643	(220,861)	(220,861)	0	(111,637)	296,527	184,890	(19,519,794)
8	2020	Jul	(18,523,389)	365,782	586,643	(220,861)	(220,861)	0	(92,931)	246,839	153,908	(19,365,885)
9	2020	Aug	(17,930,114)	593,275	586,643	6,632	0	6,632	0	197,150	200,466	(19,165,419)
10	2020	Sep	(17,564,333)	365,782	586,643	(220,861)	(220,861)	0	(56,120)	149,065	92,945	(19,072,475)
11	2020	Oct	(17,198,551)	365,782	586,643	(220,861)	(220,861)	0	(37,414)	99,377	61,963	(19,010,511)
12	2020	Nov	(16,832,769)	365,782	586,643	(220,861)	(220,861)	0	(19,310)	51,291	31,981	(18,978,531)
13	2020	Dec	(17,209,974)	(377,205)	586,643	(963,848)	(586,643)	(377,205)	(1,603)	1,603	(188,602)	(19,167,133)

14 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate a True-up ATRR: (19,167,133)

Part 4: Account 282, Computer Software - Tax Amortization

Columns 3 through 12 are in dollars.
The column and line explanations are as described for Part 2.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Line	Year	Month	Actual Computer Software Tax Amount ADIT	Actual Activity	Projected Activity from Column (4) of Attachment 1B	Activity Difference	Reversal of Projected Activity Not Realized	Activity Not in Projection	Reversal of Projected Activity Not Realized With Proration	Projected Activity With Proration from Column (7) of Attachment 1B	ADIT Activity for True-up	ADIT Balances for True-up
1	2019	Dec	0									0
2	2020	Jan	0	0	0	0	0	0	0	0	0	0
3	2020	Feb	0	0	0	0	0	0	0	0	0	0
4	2020	Mar	0	0	0	0	0	0	0	0	0	0
5	2020	Apr	0	0	0	0	0	0	0	0	0	0
6	2020	May	0	0	0	0	0	0	0	0	0	0
7	2020	Jun	0	0	0	0	0	0	0	0	0	0
8	2020	Jul	0	0	0	0	0	0	0	0	0	0
9	2020	Aug	0	0	0	0	0	0	0	0	0	0
10	2020	Sep	0	0	0	0	0	0	0	0	0	0
11	2020	Oct	0	0	0	0	0	0	0	0	0	0
12	2020	Nov	0	0	0	0	0	0	0	0	0	0
13	2020	Dec	0	0	0	0	0	0	0	0	0	0

14 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachments 1 and 1A Only When the Formula Rate Population is to Calculate a True-up ATRR: 0

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 2 - Taxes Other Than Income Worksheet
2020 (000's)

<i>Other Taxes</i>	<i>Page 263 Col (j)</i>	<i>Allocator</i>	<i>Allocated Amount</i>
Plant Related		Gross Plant Allocator	
1 Transmission Personal Property Tax (directly assigned to Transmission)	\$ 62,158	100.0000%	\$ 62,158
1a Other Plant Related Taxes	0	22.4116%	-
2			-
3			-
4			-
5			-
Total Plant Related	\$ 62,158		\$ 62,158
Labor Related		Wages & Salary Allocator	
6 Federal FICA & Unemployment & State Unemployment	\$ 36,956		
Total Labor Related	\$ 36,956	10.0535%	\$ 3,715
Other Included		Gross Plant Allocator	
7 Sales and Use Tax	\$ 37		
Total Other Included	\$ 37	22.4116%	\$ 8
Total Included	\$ 99,151		\$ 65,882
Currently Excluded			
8 Business and Occupation Tax - West Virginia	\$ 21,963		
9 Gross Receipts Tax	0		
10 IFTA Fuel Tax	8		
11 Property Taxes - Other	184,871		
12 Property Taxes - Generator Step-Ups and Interconnects	2,789		
13 Sales and Use Tax - not allocated to Transmission	(1,105)		
14 Sales and Use Tax - Retail	1,565		
15 Other	1,046		
16	0		
17	0		
18	0		
19	0		
20	0		
21 Total "Other" Taxes (included on p. 263)	\$ 211,137		
22 Total "Taxes Other Than Income Taxes" - acct 408.10 (p. 114.14)	<u>\$ 310,288</u>		
23 Difference	\$ (99,151)		

Criteria for Allocation:

- A Other taxes that are incurred through ownership of plant including transmission plant will be either directly assigned or allocated based on the Gross Plant Allocator. If the taxes are 100% recovered at retail they will not be included.
- B Other taxes that are incurred through ownership of only general or intangible plant will be allocated based on the Wages and Salary Allocator. If the taxes are 100% recovered at retail they will not be included.
- C Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator.
- D Other taxes except as provided for in A, B and C above, that are incurred and (1) are not fully recovered at retail or (2) are directly or indirectly related to transmission service will be allocated based on the Gross Plant Allocator; provided, however, that overheads shall be treated as in footnote B above.

VEPCO
ATTACHMENT H-16A
Attachment 2A - Direct Assignment of Property
Taxes Per Function
2020 (000's)

<u>Directly Assigned Property Taxes</u>	\$	249,818
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Production Property Tax		91,828
Transmission Property Tax		62,087
GSU/Interconnect Facilities		2,789
Distribution Property tax		92,408
General Property Tax		706
Total check		249,818

Allocation of General Property Tax to Transmission

General Property Tax	\$	706
Wages & Salary Allocator		10.0535%
Trans General		71

<u>Total Transmission Property Taxes</u>		
Transmission	\$	62,087
General		71
Total Transmission Property Taxes	\$	62,158

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 3 - Revenue Credit Workpaper
2020 (000's)

		Transmission Related	Production/Other Related	Total
Account 454 - Rent from Electric Property				
1	Rent from Electric Property - Transmission Related (Note 3)	14,225	3,389	17,614
2	Total Rent Revenues (Sum Lines 1)	14,225	3,389	17,614
Account 456 - Other Electric Revenues (Note 1)				
3	Schedule 1A			
4	Net revenues associated with Network Integration Transmission Service (NITS) and for the transmission component of the NCEMPA contract rate for which the load is not included in the divisor. (Note 4)	1,816	239,695	241,511
5	Point to Point Service revenues received by Transmission Owner for which the load is not included in the divisor (Note 4)	-		-
6	PJM Transitional Revenue Neutrality (Note 1)	-		-
7	PJM Transitional Market Expansion (Note 1)	-		-
8	Professional Services (Note 3)	3,151	56,852	60,003
9	Revenues from Directly Assigned Transmission Facility Charges (Note 2)	21,436	(3,284)	18,152
10	Rent or Attachment Fees associated with Transmission Facilities (Note 3)			-
11	Gross Revenue Credits (Accounts 454 and 456) (Sum Lines 2-10)	40,628	296,652	337,280
12	Less line 14g	(10,601)	(30,120)	(40,722)
13	Total Revenue Credits	30,027	266,531	296,558
Revenue Adjustment to Determine Revenue Credit				
14a	Revenues included in lines 1-11 which are subject to 50/50 sharing. (Lines 1 + 8 + 10)	17,376	60,241	77,617
14b	Costs associated with revenues in line 14a	3,827	-	3,827
14c	Net Revenues (14a - 14b)	13,549	60,241	73,790
14d	50% Share of Net Revenues (14c / 2)	6,774	30,120	36,895
14e	Cost associated with revenues in line 14b that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service at issue	-	-	-
14f	Net Revenue Credit (14d + 14e)	6,774	30,120	36,895
14g	Line 14f less line 14a	(10,601)	(30,120)	(40,722)

Revenue Adjustment to Determine Revenue Credit

Note 1: All revenues related to transmission that are received as a transmission owner (*i.e.*, not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this Attachment or elsewhere in the formula will be included as a revenue credit or included in the peak on line 169 of Appendix A.

Note 2: If the costs associated with the Directly Assigned Transmission Facility Charges are included in the Rates, the associated revenues are included in the Rates. If the costs associated with the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated revenues are not included in the Rates. Notwithstanding the above, the revenue crediting of the UG Transmission Charge revenues shall be in accordance with section 6 of Attachment 10. Notwithstanding the above, the revenue crediting of the Previous Jointly-Owned Assets shall be in accordance with section 6 of Attachment 11.

Note 3: Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of-way leases and leases for space on transmission facilities for telecommunications; (2) transmission tower licenses for wireless antennas; (3) right-of-way property leases for farming, grazing or nurseries; (4) licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5) transmission maintenance and consulting services (including energized circuit maintenance, high-voltage substation maintenance, safety training, transformer oil testing, and circuit breaker testing) to other utilities and large customers (collectively, products). VEPCO will retain 50% of net revenues consistent with *Pacific Gas and Electric Company*, 90 FERC ¶ 61,314. In order to use lines 14a - 14g, the utility must track in separate subaccounts the revenues and costs associated with each secondary use (except for the cost of the associated income taxes).

Note 4: Revenues from Schedule 12 are not included in the total above to the extent they are credited under Schedule 12. In addition, revenues from Schedule 7, Schedule 8 and H-A are not included in the total above to the extent PJM credits VEPCO's share of these revenues monthly to network customers under Attachment H-16.

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 4 - Calculation of 100 Basis Point Increase in ROE
2020 (000's)

A	Return and Taxes with Basis Point increase in ROE	Basis Point increase in ROE and Income Taxes	(Line 130 + 140)	703,144
B		100 Basis Point increase in ROE (Note J from Appendix A)	Fixed	1.00%
Return Calculation				
62	Rate Base excluding Acquisition Adjustments Amount and Associated ADIT	Appendix A	(Line 44 + 61 - 60C - 45A)	6,618,413
104	Long Term Interest	Long Term Interest	p117.62c through 67c	543,232
105		Less LTD Interest on Securitization (Note P)	Attachment 8	0
106		Long Term Interest	(Line 104 - 105)	543,232
107	Preferred Dividends	enter positive	p118.29c	0
108	Common Stock	Proprietary Capital	p112.16c,d/2	14,272,587
109		Less Preferred Stock	(Line 117)	0
110		Less Account 219 - Accumulated Other Comprehensive Income	p112.15c,d/2	40,812
111		Common Stock	(Sum Lines 108 to 110)	14,313,399
112	Capitalization	Long Term Debt	p112.24c,d/2	13,071,933
113		Less Loss on Reacquired Debt	enter negative	-389
114		Plus Gain on Reacquired Debt	enter positive	3,007
115		Less LTD on Securitization Bonds	enter negative	Attachment 8
116		Total Long Term Debt	(Sum Lines 112 to 115)	13,074,551
117		Preferred Stock	p112.3c,d/2	0
118		Common Stock	(Line 111)	14,313,399
119		Total Capitalization	(Sum Lines 116 to 118)	27,387,950
120		Debt %	Total Long Term Debt (Line 116 / 119)	47.7%
121		Preferred %	Preferred Stock (Line 117 / 119)	0.0%
122		Common %	Common Stock (Line 118 / 119)	52.3%
123		Debt Cost	Total Long Term Debt (Line 106 / 116)	0.0415
124		Preferred Cost	Preferred Stock (Line 107 / 117)	0.0000
125		Common Cost	Common Stock Appendix A Line 125 + 100 Basis Points	0.1240
126		Weighted Cost of Debt	Total Long Term Debt (WCLTD) (Line 120 * 123)	0.0198
127		Weighted Cost of Preferred	Preferred Stock (Line 121 * 124)	0.0000
128		Weighted Cost of Common	Common Stock (Line 122 * 125)	0.0648
129	Total Return (R)		(Sum Lines 126 to 128)	0.0846
130	Investment Return = Rate Base * Rate of Return		(Line 62 * 129)	560,177
Composite Income Taxes				
131	Income Tax Rates	FIT=Federal Income Tax Rate		0.2100
132		SIT=State Income Tax Rate or Composite		0.0586
133		p = percent of federal income tax deductible for state purposes	Per State Tax Code	0.0000
134		T	$T = 1 - \frac{p \cdot ((1 - SIT) \cdot (1 - FIT))}{(1 - SIT \cdot FIT \cdot p)}$	0.2563
135		T / (1-T)		0.3445
136	Transmission Related Income Tax Adjustments			
136A	Amortized Investment Tax Credit (ITC)	(Note I) enter negative	Attachment 1	\$ (128)
137	Other Income Tax Adjustments		Attachment 5	\$ (3,449)
137	T/(1-T)		(Line 135)	34.45%
138	Transmission Income Taxes - Income Tax Adjustments		((Line 136 + 136A) * (1 + Line 137))	\$ (4,810)
139	Transmission Income Taxes - Equity Return =	CIT=(T/(1-T) * Investment Return * (1-(WCLTD/R))) =	[Line 135 * 130 * (1-(126 / 129))]	147,777
140	Total Transmission Income Taxes		(Line 138 + 139)	142,967

Line #	Descriptions	Notes	Page #s & Instructions	Form 1 Amount	Transmission Related	Non-Transmission Related	Details
71	Allocated General & Common Expenses Less Regulatory Commission Exp Account 528 Directly Assigned AMG	(Note E)	p.223, 1850/Attachment 5	\$ 33,692	216	33,692	See FERC Form 1 pages 300-351.
77	Regulatory Commission Exp Account 528	(Note G)	p.223, 1850/Attachment 5		216		

Line #	Descriptions	Notes	Page #s & Instructions	Form 1 Amount	Safety Related	Non-safety Related	Details
81	General Auditing Exp Account 03011	(Note F)	Attachment 5	3,314		3,314	

Line #	Descriptions	Notes	Page #s & Instructions	State 1	State 2	State 3	State 4	State 5	Details
132	State Income Tax Refund or Comps	(Note I)		Va 5.02%	NC 0.12%	Wa 0.12%			Enter Calculation 5.68%

Line #	Descriptions	Notes	Page #s & Instructions	Form 1 Amount	Education & Training	Other	Details
78	General Auditing Exp Account 03011	(Note H)	p.223, 181b	3,314			Informing public about transmission questions including geography.

Line #	Descriptions	Notes	Page #s & Instructions	Form 1 Amount	0	Description of the Facilities	Details
47	Transmission Related Account 242 Reserves	Includes only the costs of any interconnection facilities constructed by VEPCO's own generating facilities after March 15, 2009 in accordance with Order 2003.		0		General Description of the Facilities None	Add more lines if necessary

Line #	Descriptions	Notes	Page #s & Instructions	Beginning Year Balance	End of Year Balance	Average Balance	Allocation	Transmission Related Amount	Details
47	Transmission Related Account 242 Reserves			\$ 3,450	\$ 22,159	\$ 12,795	100%	\$ 3,450	
				\$ 5,258	\$ 8,830	\$ 7,079	10.653%	\$ 1,298	
				\$ 24,103	\$ 214,342	\$ 258,467	22.41%	\$ 1,587	
							0.05%	\$ 38,119	To line 47

Line #	Descriptions	Notes	Page #s & Instructions	Beginning Year Balance	End of Year Balance	Average Balance	Fixed Payments Exclusion Amount ¹	To Line 48	Details
48	Prepayments Wages & Salary Accrual Pension Liabilities, if any, in Account 242			\$ 11	\$ 11	\$ 11	\$ 11	10.053%	
				\$ 27,418	\$ 30,147	\$ 30,283	\$ 3,800	10.653%	2044
			p.111 5106c					10.053%	

Line #	Descriptions	Notes	Page #s & Instructions	Beginning Year Balance	End of Year Balance	Average Balance	Description of the Credits	Details
58	Outstanding Network Credits	(Note N)	From FIM	\$ -	\$ -	\$ -	General Description of the Credits None	
59	Less Accumulated Depreciation Associated with Facilities with Outstanding Network Credits	(Note N)	From FIM	\$ -	\$ -	\$ -		Add more lines if necessary

1. Investment below \$50M or generate less than 500 kW net capacity included in transmission part in service line are not a result of the RIEP Process.
2. If unable to determine the investment below \$50M in a substation with investment of \$50M and higher as well as below \$50M, use the following criteria:
A. Total investment in substation
B. Beneficial investment in Transmission (in-kind workspaces)
C. Beneficial investment in Distribution (in-kind workspaces)
D. Action to be considered for ITC (IG-351)

¹ The Fixed Payments Exclusion Amount may be changed only pursuant to a Section 205 or Section 206 proceeding.

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 6 - True-up Adjustment for Network Integration Transmission Service

The True-Up Adjustment component of the Formula Rate for each Rate Year beginning with 2010 shall be determined as follows:¹

- (i) Beginning with 2009, no later than June 15 of each year VEPCO shall recalculate an adjusted Annual Transmission Revenue Requirement for the previous calendar year based on its actual costs as reflected in its Form No. 1 and its books and records for that calendar year, consistent with FERC accounting policies.²
- (ii) VEPCO shall determine the difference between the recalculated Annual Transmission Revenue Requirement as determined in paragraph (i) above, and ATRR based on projected costs for the previous calendar year (True-Up Adjustment Before Interest).
- (iii) The True-Up Adjustment shall be determined as follows:

True-Up Adjustment equals the True-Up Adjustment Before Interest multiplied by $(1+i)^{24}$ months

Where: i = Sum of (the monthly rates for the 7 months ending July 31 of the current year and the monthly rates for the 12 months ending December 31 of the preceding year) divided by 19 months.

Each monthly rate used to calculate i shall be calculated pursuant to the Commission's regulations at 18 C.F.R. § 35.19a.

Summary of Formula Rate Process including True-Up Adjustment

Month	Year	Action
Fall	2007	TO populates the formula with Year 2008 estimated data
Sept	2008	TO populates the formula with Year 2009 estimated data
June	2009	TO populates the formula with Year 2008 actual data and calculates the 2008 True-Up Adjustment Before Interest
Sept	2009	TO calculates the Interest to include in the 2008 True-Up Adjustment
Sept	2009	TO populates the formula with Year 2010 estimated data and 2008 True-Up Adjustment
June	2010	TO populates the formula with Year 2009 actual data and calculates the 2009 True-Up Adjustment Before Interest
Sept	2010	TO calculates the Interest to include in the 2009 True-Up Adjustment
Sept	2010	TO populates the formula with Year 2011 estimated data and 2009 True-Up Adjustment
June	(Year)	TO populates the formula with (Year -1) actual data and calculates the (Year-1) True-Up Adjustment Before Interest
Sept	(Year)	TO calculates the Interest to include in the (Year-1) True-Up Adjustment
Sept	(Year)	TO populates the formula with (Year +1) estimated data and (Year-1) True-Up Adjustment

¹ No True-Up Adjustment will be included in the Annual Transmission Revenue Requirement for 2008 or 2009 since the Formula Rate was not in effect for 2006 or 2007.

² To the extent possible each input to the Formula Rate used to calculate the actual Annual Transmission Revenue Requirement included in the True-Up Adjustment either will be taken directly from the FERC Form No. 1 or will be reconcilable to the FERC Form No. 1 by the application of clearly identified and supported information. If the reconciliation is provided through a worksheet included in the filed Formula Rate template, the inputs to the worksheet must meet this transparency standard, and doing so will satisfy this transparency requirement for the amounts that are output from the worksheet and input to the main body of the Formula Rate.

Calendar Year Do for Each Calendar Year beginning in 2009

A	ATRR based on actual costs included for the previous calendar year but excludes the true-up adjustment.	1,084,815.18
B	ATRR based on projected costs included for the previous calendar year but excludes the true-up adjustment.	1,081,898.39
C	Difference (A-B)	2,917
D	Future Value Factor $(1+i)^{24}$	1.00000
E	True-up Adjustment $(C \cdot D)$	2,917

Where:

i = interest rate as described in (iii) above.

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 6A - True-up Adjustment for Annual Revenue Requirements recovered under Schedule 12

The True-Up Adjustment component of the annual revenue requirement for each project included in Attachment 7 for each Rate Year beginning with 2010 shall be determined as follows:¹

- (i) Beginning with 2009, no later than June 15 of each year VEPCO shall recalculate an adjusted Annual Revenue Requirement for the previous calendar year based on its actual costs as reflected in its Form No. 1 and its books and records for that calendar year, consistent with FERC accounting policies.²
- (ii) VEPCO shall determine the difference between the recalculated Annual Revenue Requirement and the Annual Revenue Requirement based on its projections (True-Up Adjustment Before Interest).
- (iii) The True-Up Adjustment for each project shall be determined as follows:

True-Up Adjustment equals the True-Up Adjustment Before Interest multiplied by $(1+i)^{24}$ months

Where $i =$ Sum of (the monthly rates for the 7 months ending July 31 of the current year and the monthly rates for the 12 months ending December 31 of the proceeding year) divided by 19 months.

Each monthly rate used to calculate i shall be calculated pursuant to the Commission's regulations at 18 C.F.R. § 35.19a.

Summary of Formula Rate Process including True-Up Adjustment

Month Year Action

Fall	2007	TO populates the formula with Year 2008 estimated data
Sept	2008	TO populates the formula with Year 2009 estimated data
June	2009	TO populates the formula with Year 2008 actual data and calculates the 2008 True-Up Adjustment Before Interest
Sept	2009	TO calculates the Interest to include in the 2008 True-Up Adjustment
Sept	2009	TO populates the formula with Year 2010 estimated data and 2008 True-Up Adjustment
June	2010	TO populates the formula with Year 2009 actual data and calculates the 2009 True-Up Adjustment Before Interest
Sept	2010	TO calculates the Interest to include in the 2009 True-Up Adjustment
Sept	2010	TO populates the formula with Year 2011 estimated data and 2009 True-Up Adjustment
June (Year)		TO populates the formula with (Year -1) actual data and calculates the (Year-1) True-Up Adjustment Before Interest
Sept (Year)		TO calculates the Interest to include in the (Year-1) True-Up Adjustment
Sept (Year)		TO populates the formula with (Year +1) estimated data and (Year-1) True-Up Adjustment

¹ No True-Up Adjustment will be included in the annual revenue requirements for 2008 or 2009 since the Formula Rate was not in effect for 2006 or 2007. For all true-up calculations, the ATRR will be adjusted to exclude any true-up adjustment.

² To the extent possible, each input to the Formula Rate used to calculate the actual Annual Revenue Requirement included in the True-Up Adjustment either will be taken directly from the FERC Form No. 1 or will be reconcilable to the FERC Form No. 1 by the application of clearly identified and supported information. If the reconciliation is provided through a worksheet included in the filed Formula Rate template, the inputs to the worksheet must meet this transparency standard, and doing so will satisfy this transparency requirement for the amounts that are output from the worksheet and input to the main body of the Formula Rate.

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

Per FERC order in Docket No. ER08-92, the ROE is 11.4%, which includes a 50 basis point RTO membership adder as authorized by FERC to become effective January 1, 2008. Per FERC order in Docket No. _____, the ROE for each specific project identified in that order will also include either an 150 or 125 basis point transmission incentive adder as authorized by the Commission.

An Annual Revenue Requirement will not be determined in this Attachment 7 for RTEP projects that have not been identified as qualifying for an incentive and for which 100% of the cost is allocated to the Dominion zone. To the extent the cost allocation of such RTEP projects changes to be other than 100% allocated to the Dominion zone, the Annual Revenue Requirements will be determined in this Attachment 7 for such RTEP projects.

1 New Plant Carrying Charge

2 Fixed Charge Rate (FCR) if not a CIAC

Formula Line				
3	A	154	Net Plant Carrying Charge without Acquisition Adjustments and Depreciation	10.2111%
4	B	161	Net Plant Carrying Charge with 100 Basis Point increase in ROE without Acquisition Adjustments and Depreciation	10.7807%
5	C		Line B less Line A	0.5696%

6 FCR if a CIAC

7	D	155	Net Plant Carrying Charge without Acquisition Adjustments, Depreciation, Return or Income Taxes	2.1689%
---	---	-----	---	---------

8 The FCR resulting from Formula is for the rate period only.

9 Therefore actual revenues collected or the lack of revenues collected in other years are not applicable. Depreciation will be calculated for each project using the applicable Life input in effect during the months of each calendar year the project was in service.

These Three Columns are Repeated to Provide Line Number References on All Pages

Details		Project A				Project A-1			
Schedule 12	(Yes or No)	Yes	b0217 Upgrade Mt.Storm - Doubs 500 kV			Yes	b0217 Upgrade Mt.Storm - Doubs 500 kV		
10	10	40				40			
11	11	10.2111%				10.2111%			
12	12	0				0			
13	13	10.2111%				10.2111%			
14	14	1,039,321				911,807			
15	15	25,983				22,795			
16	16	12				7			
Invest Yr	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
2006	2006								
2007	2007	1,039,321	849	1,038,472					
2008	2008	1,039,321	849	1,038,472					
2009	2009	1,018,093	20,379	997,714					
2010	2010	997,714	20,379	977,335					
2011	2011	977,335	20,379	956,957					
2012	2012	956,957	20,379	936,578					
2013	2013	936,578	23,222	913,355					
2014	2014	913,355	24,170	889,185	911,807	9,719	902,088		
2015	2015	889,185	24,170	865,015	911,807	9,719	880,883		
2016	2016	865,015	24,170	840,844	902,088	21,205	865,678		
2017	2017	840,844	25,983	814,861	902,088	21,205	836,883		
2018	2018	814,861	25,983	788,878	889,185	22,795	814,088		
2019	2019	788,878	25,983	762,895	859,678	22,795	791,293		
2020	2020	762,895	25,983	736,912	836,883	22,795	768,498	102,431	
2020	2020	762,895	25,983	736,912	814,088	22,795	768,498	102,431	

Lines continue as new rate years are added.

In the formulas used in the Columns for lines 19+ are as follows:

- "In Service Month" is the first month during the first year that the project is placed in service or recovery is request for the project.
- "Beginning" is the investment on line 16 for the first year and is the "Ending" for the prior year after the first year.
- "Depreciation" is the annual depreciation in line 17 divided by twelve times the difference of 12.5 minus line 18 in the first year and line 17 thereafter.
- "Ending" is "Beginning" less "Depreciation"
- Revenue Requirement used for crediting is ("Beginning" plus "Ending") divided by two times line 13 times the quotient of 12.5 minus line 18 divided by 12 plus "Depreciation" for the first year and ("Beginning" plus "Ending") divided by two times line 13 plus "Depreciation" thereafter.
- Revenue Requirement used for charging is ("Beginning" plus "Ending") divided by two times line 15 times the quotient of 12.5 minus line 18 divided by 12 plus "Depreciation" for the first year and ("Beginning" plus "Ending") divided by two times line 15 plus "Depreciation" thereafter.
- Formula Logic to be copied on new lines added each year after line 25. Using 2009 as an example, the logic will be included in lines 26 and 27.
- Beginning with the annual revenue requirements determined in 2009 for 2010, the annual revenue requirements based on projected costs will include a True-Up Adjustment for the previous calendar year in accordance with Attachment 6 A and as calculated in Lines A through I below.
- Projected Revenue Requirements are calculated using the logic described for lines 19 + but with projected data for the indicated year.
- Actual Revenue Requirements are calculated using the logic described for lines 19 + but with actual data for the indicated year.

Calendar Year Do for Each Calendar Year beginning in 2009 for True-Up Adjustments applicable to 2010 annual revenue requirements.

A Proj Rev Req w/o Incentive PCY*	Projected Revenue Requirement without Incentive for Previous Calendar Year*	93,840	93,227
B Proj Rev Req w/ Incentive PCY*	Projected Revenue Requirement with Incentive for Previous Calendar Year*	93,840	93,227
C Actual Rev Req w/o Incentive PCY*	Actual Revenue Requirement without Incentive for Previous Calendar Year *	102,557	102,431
D Actual Rev Req w/ Incentive PCY*	Actual Revenue Requirement with Incentive for Previous Calendar Year *	102,557	102,431
E TUA w/o Int w/ Incentive PCY (C-A)	True-Up Adjustment Before Interest without Incentive for Previous Calendar Year (C-A)	8,717	9,204
F TUA w/o Int w/ Incentive PCY (B-D)	True-Up Adjustment Before Interest with Incentive for Previous Calendar Year (B-D)	8,717	9,204
G Future Value Factor (1+) ²⁴ mo (ATT6)	Future Value Factor (1+) ²⁴ months from Attachment 6	1.00000	1.00000
H True-Up Adjustment w/o Incentive (E*G)	True-Up Adjustment without Incentive (E*G)	8,717	9,204
I True-Up Adjustment w/ Incentive (F*G)	True-Up Adjustment with Incentive (F*G)	8,717	9,204

* These amounts do not include any True-Up Adjustments.

Additional columns to be inserted after the last project as new projects are added to formula.

Projected Revenue Requirement including True-up Adjustment, if applicable	
W / O incentive	
W incentive	

W / O incentive
 W incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns
 are Repeated to Provide
 Line Number
 References on All Pages

		Project B				Project B-1				Project E			
		Yes	b0222			Yes	b0222			Yes	B022E		
11 Schedule 12 (Yes or No)		40	Install 150 MVAR capacitor	at Loudoun		40	Install 150 MVAR capacitor	at Loudoun - Replacement of		40	Install 500/230 kV transformer at	Clifton and Clifton 500 KV 150 MVAR	
12 Life		10.2111%				10.2111%				10.2111%			
13 FCR W/O incentive Line 3		0				0				0			
14 Incentive Factor (Basis Points / 100)		10.2111%				10.2111%				10.2111%			
15 FCR W incentive L.13 +(L.14*L.5)		1,070,848				591,996				7,557,110			
16 Investment		26,771				14,800				188,928			
17 Annual Depreciation Exp		9				4				8			
18 In Service Month (1-12)													
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive	2006	1,070,848	6,124	1,064,724								
21	W incentive	2006	1,070,848	6,124	1,064,724					7,557,110	55,567	7,501,543	
22	W / O incentive	2007	1,064,724	20,997	1,043,727					7,557,110	55,567	7,501,543	
23	W incentive	2007	1,064,724	20,997	1,043,727					7,501,543	148,179	7,353,364	
24	W / O incentive	2008	1,043,727	20,997	1,022,730					7,501,543	148,179	7,353,364	
25	W incentive	2008	1,043,727	20,997	1,022,730					7,353,364	148,179	7,205,186	
26	W / O incentive	2009	1,022,730	20,997	1,001,733					7,353,364	148,179	7,205,186	
27	W incentive	2009	1,022,730	20,997	1,001,733					7,205,186	148,179	7,057,007	
28	W / O incentive	2010	1,001,733	20,997	980,736					7,205,186	148,179	7,057,007	
29	W incentive	2010	1,001,733	20,997	980,736					7,057,007	148,179	6,908,829	
30	W / O incentive	2011	980,736	20,997	959,739					6,908,829	148,179	6,760,650	
31	W incentive	2011	980,736	20,997	959,739					6,908,829	148,179	6,760,650	
32	W / O incentive	2012	959,739	20,997	938,742					6,908,829	148,179	6,760,650	
33	W incentive	2012	959,739	20,997	938,742					6,760,650	168,855	6,591,795	
34	W / O incentive	2013	938,742	23,927	914,815	591,996	9,752	582,244		6,760,650	168,855	6,591,795	
35	W incentive	2013	938,742	23,927	914,815	591,996	9,752	582,244		6,591,795	175,747	6,416,048	
36	W / O incentive	2014	914,815	24,903	889,911	582,244	13,767	568,477		6,591,795	175,747	6,416,048	
37	W incentive	2014	914,815	24,903	889,911	582,244	13,767	568,477		6,416,048	175,747	6,240,302	
38	W / O incentive	2015	889,911	24,903	865,008	568,477	13,767	554,709		6,416,048	175,747	6,240,302	
39	W incentive	2015	889,911	24,903	865,008	568,477	13,767	554,709		6,240,302	175,747	6,064,555	
40	W / O incentive	2016	865,008	24,903	840,105	554,709	13,767	540,942		6,240,302	175,747	6,064,555	
41	W incentive	2016	865,008	24,903	840,105	554,709	13,767	540,942		6,064,555	188,928	5,875,627	
42	W / O incentive	2017	840,105	26,771	813,333	540,942	14,800	526,142		6,064,555	188,928	5,875,627	
43	W incentive	2017	840,105	26,771	813,333	540,942	14,800	526,142		5,875,627	188,928	5,686,699	
44	W / O incentive	2018	813,333	26,771	786,562	526,142	14,800	511,342		5,875,627	188,928	5,686,699	
45	W incentive	2018	813,333	26,771	786,562	526,142	14,800	511,342		5,686,699	188,928	5,497,772	
46	W / O incentive	2019	786,562	26,771	759,791	511,342	14,800	496,542		5,686,699	188,928	5,497,772	
47	W incentive	2019	786,562	26,771	759,791	511,342	14,800	496,542		5,497,772	188,928	5,308,844	740,667
48	W / O incentive	2020	759,791	26,771	733,020	496,542	14,800	481,742	64,747	5,497,772	188,928	5,308,844	740,667
49	W incentive	2020	759,791	26,771	733,020	496,542	14,800	481,742	64,747	5,497,772	188,928	5,308,844	740,667

A Proj Rev Req w/o Incentive PCY*		93,546			58,991				669,315
B Proj Rev Req w/ Incentive PCY*		93,546			58,991				669,315
C Actual Rev Req w/o Incentive PCY*		102,988			64,747				740,667
D Actual Rev Req w/ Incentive PCY*		102,988			64,747				740,667
E TUA w/o Int w/ Incentive PCY (C-A)		9,442			5,756				71,351
F TUA w/o Int w/ Incentive PCY (B-D)		9,442			5,756				71,351
G Future Value Factor (1+) ²⁴ mo (ATT6)		1.00000			1.00000				1.00000
H True-Up Adjustment w/o Incentive (E*G)		9,442			5,756				71,351
I True-Up Adjustment w/ Incentive (F*G)		9,442			5,756				71,351

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O incentive
 W incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

Project G-1 is labeled as Project G in the 2008 and 2009 Annual Updates

These Three Columns are Repeated to Provide Line Number References on All Pages

		Project E-1				Project G-1				Project G-1A			
		Yes	B0226			Yes	B0403			Yes	B0403		
		40	Install 500/230 kV transformer at Clifton and Clifton 500 KV 150 MVAR capacitor			40	2nd Dooms 500/230 kV transformer addition			40	2nd Dooms 500/230 kV transformer addition		
		10.2111%				10.2111%				10.2111%			
		0				0				0			
		10.2111%				10.2111%				10.2111%			
16 Investment		914,051				6,196,285				516,125			
17 Annual Depreciation Exp		22,851				154,907				12,903			
18 In Service Month (1-12)		10				11				4			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive	2006											
21	W incentive	2006				6,196,285	15,187	6,181,098					
22	W / O incentive	2007				6,196,285	15,187	6,181,098					
23	W incentive	2007				6,181,098	121,496	6,059,602					
24	W / O incentive	2008				6,181,098	121,496	6,059,602					
25	W incentive	2008				6,059,602	121,496	5,938,107					
26	W / O incentive	2009				6,059,602	121,496	5,938,107					
27	W incentive	2009				5,938,107	121,496	5,816,611					
28	W / O incentive	2010				5,938,107	121,496	5,816,611					
29	W incentive	2010				5,816,611	121,496	5,695,115					
30	W / O incentive	2011				5,816,611	121,496	5,695,115					
31	W incentive	2011				5,695,115	121,496	5,573,619					
32	W / O incentive	2012				5,695,115	121,496	5,573,619					
33	W incentive	2012				5,573,619	138,449	5,435,171					
34	W / O incentive	2013				5,573,619	138,449	5,435,171					
35	W incentive	2013				5,435,171	144,100	5,291,071					
36	W / O incentive	2014				5,435,171	144,100	5,291,071					
37	W incentive	2014				5,291,071	144,100	5,146,971					
38	W / O incentive	2015				5,291,071	144,100	5,146,971					
39	W incentive	2015				5,146,971	144,100	5,002,872					
40	W / O incentive	2016	914,051	4,429	909,622	5,146,971	144,100	5,002,872		516,125	8,502	507,623	
41	W incentive	2016	914,051	4,429	909,622	5,002,872	154,907	4,847,964		507,623	12,903	494,720	
42	W / O incentive	2017	909,622	22,851	886,771	5,002,872	154,907	4,847,964		494,720	12,903	481,817	
43	W incentive	2017	909,622	22,851	886,771	4,847,964	154,907	4,693,057		481,817	12,903	468,914	
44	W / O incentive	2018	886,771	22,851	863,920	4,847,964	154,907	4,693,057		468,914	12,903	456,010	
45	W incentive	2018	886,771	22,851	863,920	4,693,057	154,907	4,538,150		456,010	12,903	443,147	
46	W / O incentive	2019	863,920	22,851	841,069	4,693,057	154,907	4,538,150		443,147	12,903	430,244	
47	W incentive	2019	863,920	22,851	841,069	4,538,150	154,907	4,383,243	610,395	430,244	12,903	417,341	
48	W / O incentive	2020	841,069	22,851	818,217	4,383,243	154,907	4,228,336	610,395	417,341	12,903	404,438	60,126
49	W incentive	2020	841,069	22,851	818,217	4,228,336	154,907	4,073,429	610,395	404,438	12,903	391,535	60,126

A Proj Rev Req w/o Incentive PCY*	98,830	613,901	54,648
B Proj Rev Req w/ Incentive PCY*	98,830	613,901	54,648
C Actual Rev Req w/o Incentive PCY*	107,567	610,395	60,126
D Actual Rev Req w/ Incentive PCY*	107,567	610,395	60,126
E TUA w/o Int w/ Incentive PCY (C-A)	8,737	(3,506)	5,478
F TUA w/o Int w/ Incentive PCY (B-D)	8,737	(3,506)	5,478
G Future Value Factor (1+) ²⁴ mo (ATT6)	1.00000	1.00000	1.00000
H True-Up Adjustment w/o Incentive (E*G)	8,737	(3,506)	5,478
I True-Up Adjustment w/ Incentive (F*G)	8,737	(3,506)	5,478

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O incentive
 W incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

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10	11 Schedule 12 (Yes or No)	Project G-2				Project G-2A				Project H-1			
		Yes	B0403	Yes	B0403	Yes	b0328.1	Yes	B0403	Yes	b0328.1	Yes	B0403
12	Life	40	2nd Dooms 500/230 kV transformer addition	40	2nd Dooms 500/230 kV transformer addition	40	Build new Meadowbrook-Loudon 500kV circuit (30 of 50 miles)	40	Build new Meadowbrook-Loudon 500kV circuit (30 of 50 miles)	40	Build new Meadowbrook-Loudon 500kV circuit (30 of 50 miles)	40	Build new Meadowbrook-Loudon 500kV circuit (30 of 50 miles)
13	FCR W/O incentive Line 3	10.2111%		10.2111%		10.2111%		10.2111%		10.2111%		10.2111%	
14	Incentive Factor (Basis Points / 100)	0		0		1.5		1.5		1.5		1.5	
15	FCR W incentive L.13 +(L.14*L.5)	10.2111%	Spare Transformer Addition	10.2111%	Spare Transformer Addition	11.0655%	line 2101 v11	11.0655%	line 2101 v11	11.0655%	line 2101 v11	11.0655%	line 2101 v11
16	Investment	2,245,293		257,907		21,850,320		21,850,320		21,850,320		21,850,320	
17	Annual Depreciation Exp	56,132		6,448		546,258		546,258		546,258		546,258	
18	In Service Month (1-12)	4		4		6		6		6		6	
19													
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009	2,245,293	31,185	2,214,108			21,850,320	232,070	21,618,250			
27	W incentive	2009	2,245,293	31,185	2,214,108			21,850,320	232,070	21,618,250			
28	W / O incentive	2010	2,214,108	44,025	2,170,083			21,618,250	428,438	21,189,812			
29	W incentive	2010	2,214,108	44,025	2,170,083			21,618,250	428,438	21,189,812			
30	W / O incentive	2011	2,170,083	44,025	2,126,058			21,189,812	428,438	20,761,374			
31	W incentive	2011	2,170,083	44,025	2,126,058			21,189,812	428,438	20,761,374			
32	W / O incentive	2012	2,126,058	44,025	2,082,032			20,761,374	428,438	20,332,937			
33	W incentive	2012	2,126,058	44,025	2,082,032			20,761,374	428,438	20,332,937			
34	W / O incentive	2013	2,082,032	50,168	2,031,864			20,332,937	488,220	19,844,717			
35	W incentive	2013	2,082,032	50,168	2,031,864			20,332,937	488,220	19,844,717			
36	W / O incentive	2014	2,031,864	52,216	1,979,648			19,844,717	508,147	19,336,570			
37	W incentive	2014	2,031,864	52,216	1,979,648			19,844,717	508,147	19,336,570			
38	W / O incentive	2015	1,979,648	52,216	1,927,432			19,336,570	508,147	18,828,423			
39	W incentive	2015	1,979,648	52,216	1,927,432			19,336,570	508,147	18,828,423			
40	W / O incentive	2016	1,927,432	52,216	1,875,216	257,907	4,248	18,828,423	508,147	18,320,276			
41	W incentive	2016	1,927,432	52,216	1,875,216	257,907	4,248	18,828,423	508,147	18,320,276			
42	W / O incentive	2017	1,875,216	56,132	1,819,083	253,659	6,448	18,320,276	546,258	17,774,018			
43	W incentive	2017	1,875,216	56,132	1,819,083	253,659	6,448	18,320,276	546,258	17,774,018			
44	W / O incentive	2018	1,819,083	56,132	1,762,951	247,211	6,448	17,774,018	546,258	17,227,760			
45	W incentive	2018	1,819,083	56,132	1,762,951	247,211	6,448	17,774,018	546,258	17,227,760			
46	W / O incentive	2019	1,762,951	56,132	1,706,819	240,763	6,448	17,227,760	546,258	16,681,502			
47	W incentive	2019	1,762,951	56,132	1,706,819	240,763	6,448	17,227,760	546,258	16,681,502			
48	W / O incentive	2020	1,706,819	56,132	1,650,686	234,316	6,448	16,681,502	546,258	16,135,244	2,221,739		
49	W incentive	2020	1,706,819	56,132	1,650,686	234,316	6,448	16,681,502	546,258	16,135,244	2,221,739		

A Proj Rev Req w/o Incentive PCY*		207,972				27,307						2,030,281
B Proj Rev Req w/ Incentive PCY*		207,972				27,307						2,133,018
C Actual Rev Req w/o Incentive PCY*		227,552				30,045						2,221,739
D Actual Rev Req w/ Incentive PCY*		227,552				30,045						2,361,931
E TUA w/o Int w/ Incentive PCY (C-A)		19,580				2,737						191,457
F TUA w/o Int w/ Incentive PCY (B-D)		19,580				2,737						228,912
G Future Value Factor (1+) ⁿ /24 mo (ATT6)		1.00000				1.00000						1.00000
H True-Up Adjustment w/o Incentive (E*G)		19,580				2,737						191,457
I True-Up Adjustment w/ Incentive (F*G)		19,580				2,737						228,912

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O incentive
 W incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

These Three Columns
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 References on All Pages

10	11 Schedule 12 (Yes or No)	Project H-2				Project H-3				Project H-4			
		Yes	b0328.1	Yes	b0328.1	Yes	b0328.1	Yes	b0328.1				
12	Life	40	Build new Meadowbrook-Loudon 500kV circuit	40	Build new Meadowbrook-Loudon 500kV circuit	40	Build new Meadowbrook-Loudon 500kV circuit	40	Build new Meadowbrook-Loudon 500kV circuit	40	Build new Meadowbrook-Loudon 500kV circuit	40	Build new Meadowbrook-Loudon 500kV circuit
13	FCR W/O incentive Line 3	10.2111%	(30 of 50 miles)	10.2111%	(30 of 50 miles)	10.2111%	(30 of 50 miles)	10.2111%	(30 of 50 miles)	10.2111%	(30 of 50 miles)	10.2111%	(30 of 50 miles)
14	Incentive Factor (Basis Points / 100)	1.5		1.5		1.5		1.5		1.5		1.5	
15	FCR W incentive L.13 +(L.14*L.5)	11.0655%	Line 2030 & 559 v12 & v13	11.0655%	Line 580 - Phase 1	11.0655%	Line 124	11.0655%	Line 124	11.0655%	Line 124	11.0655%	Line 124
16	Investment	45,089,209		13,581,000		11,224,282		11,224,282		280,607		280,607	
17	Annual Depreciation Exp	1,127,230		339,525		7		7		4		4	
18	In Service Month (1-12)	12		7		4		4		7		7	
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive												
21	W incentive												
22	W / O incentive												
23	W incentive												
24	W / O incentive												
25	W incentive												
26	W / O incentive	45,089,209	36,838	45,052,371		13,581,000	122,051	13,458,949		11,224,282	155,893	11,068,389	
27	W incentive	45,089,209	36,838	45,052,371		13,581,000	122,051	13,458,949		11,224,282	155,893	11,068,389	
28	W / O incentive	45,052,371	884,102	44,168,269		13,458,949	266,294	13,192,654		11,068,389	220,084	10,848,305	
29	W incentive	45,052,371	884,102	44,168,269		13,458,949	266,294	13,192,654		11,068,389	220,084	10,848,305	
30	W / O incentive	44,168,269	884,102	43,284,167		13,192,654	266,294	12,926,360		10,848,305	220,084	10,628,221	
31	W incentive	44,168,269	884,102	43,284,167		13,192,654	266,294	12,926,360		10,848,305	220,084	10,628,221	
32	W / O incentive	43,284,167	884,102	42,400,065		12,926,360	303,451	12,622,909		10,628,221	250,793	10,377,428	
33	W incentive	43,284,167	884,102	42,400,065		12,926,360	303,451	12,622,909		10,628,221	250,793	10,377,428	
34	W / O incentive	42,400,065	1,007,465	41,392,600		12,622,909	315,837	12,307,072		10,377,428	261,030	10,116,398	
35	W incentive	42,400,065	1,007,465	41,392,600		12,622,909	315,837	12,307,072		10,377,428	261,030	10,116,398	
36	W / O incentive	41,392,600	1,048,586	40,344,014		12,307,072	315,837	11,991,234		10,116,398	261,030	9,855,368	
37	W incentive	41,392,600	1,048,586	40,344,014		12,307,072	315,837	11,991,234		10,116,398	261,030	9,855,368	
38	W / O incentive	40,344,014	1,048,586	39,295,427		11,991,234	315,837	11,675,397		9,855,368	261,030	9,594,338	
39	W incentive	40,344,014	1,048,586	39,295,427		11,991,234	315,837	11,675,397		9,855,368	261,030	9,594,338	
40	W / O incentive	39,295,427	1,048,586	38,246,841		11,675,397	339,525	11,335,872		9,594,338	280,607	9,313,731	
41	W incentive	39,295,427	1,048,586	38,246,841		11,675,397	339,525	11,335,872		9,594,338	280,607	9,313,731	
42	W / O incentive	38,246,841	1,127,230	37,119,611		11,335,872	339,525	10,996,347		9,313,731	280,607	9,033,124	
43	W incentive	38,246,841	1,127,230	37,119,611		11,335,872	339,525	10,996,347		9,313,731	280,607	9,033,124	
44	W / O incentive	37,119,611	1,127,230	35,992,381		10,996,347	339,525	10,656,822		9,033,124	280,607	8,752,517	
45	W incentive	37,119,611	1,127,230	35,992,381		10,996,347	339,525	10,656,822		9,033,124	280,607	8,752,517	
46	W / O incentive	35,992,381	1,127,230	34,865,150		10,656,822	339,525	10,317,297	1,410,373	8,752,517	280,607	8,471,910	1,160,012
47	W incentive	35,992,381	1,127,230	34,865,150		10,656,822	339,525	10,317,297	1,410,373	8,752,517	280,607	8,471,910	1,160,012
48	W / O incentive	34,865,150	1,127,230	33,737,920	4,629,806	10,317,297	339,525	10,000,000	1,410,373	8,471,910	280,607	8,191,303	1,160,012
49	W incentive	34,865,150	1,127,230	33,737,920	4,922,875	10,000,000	339,525	9,660,475	1,499,973	8,191,303	280,607	7,910,696	1,233,594

A Proj Rev Req w/o Incentive PCY*				4,229,083		1,287,692				1,059,322
B Proj Rev Req w/ Incentive PCY*				4,443,931		1,353,404				1,113,277
C Actual Rev Req w/o Incentive PCY*				4,629,806		1,410,373				1,160,012
D Actual Rev Req w/ Incentive PCY*				4,922,875		1,499,973				1,233,594
E TUA w/o Int w/ Incentive PCY (C-A)				400,722		122,681				100,690
F TUA w/o Int w/ Incentive PCY (B-D)				478,944		146,569				120,317
G Future Value Factor (1+) ²⁴ mo (ATT6)				1.00000		1.00000				1.00000
H True-Up Adjustment w/o Incentive (E*G)				400,722		122,681				100,690
I True-Up Adjustment w/ Incentive (F*G)				478,944		146,569				120,317

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O incentive
 W incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
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 (dollars)

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		Project H-5				Project H-6				Project H-7			
		Yes	b0328.1			Yes	b0328.1			Yes	b0328.1		
		40	Build new Meadowbrook-Loudon 500kV circuit			40	Build new Meadowbrook-Loudon 500kV circuit			40	Build new Meadowbrook-Loudon 500kV circuit		
		10.2111%	(30 of 50 miles)			10.2111%	(30 of 50 miles)			10.2111%	(30 of 50 miles)		
		1.5	Line 114			1.5	Clevenger DP/580			1.5	Line 580 - Phase 2		
		11.0655%	Line 114			11.0655%	Clevenger DP/580			11.0655%	Line 580 - Phase 2		
16 Investment		14,655,559				16,900,800				11,362,770			
17 Annual Depreciation Exp		366,389				422,520				284,069			
18 In Service Month (1-12)		6				9				12			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009											
27	W incentive	2009											
28	W / O incentive	2010	14,655,559	155,655	14,499,904	16,900,800	96,655	16,804,145		11,362,770	9,283	11,353,487	
29	W incentive	2010	14,655,559	155,655	14,499,904	16,900,800	96,655	16,804,145		11,362,770	9,283	11,353,487	
30	W / O incentive	2011	14,499,904	287,364	14,212,540	16,804,145	331,388	16,472,757		11,353,487	222,799	11,130,687	
31	W incentive	2011	14,499,904	287,364	14,212,540	16,804,145	331,388	16,472,757		11,353,487	222,799	11,130,687	
32	W / O incentive	2012	14,212,540	287,364	13,925,176	16,472,757	331,388	16,141,369		11,130,687	222,799	10,907,888	
33	W incentive	2012	14,212,540	287,364	13,925,176	16,472,757	331,388	16,141,369		11,130,687	222,799	10,907,888	
34	W / O incentive	2013	13,925,176	327,461	13,597,715	16,141,369	377,628	15,763,740		10,907,888	253,888	10,654,000	
35	W incentive	2013	13,925,176	327,461	13,597,715	16,141,369	377,628	15,763,740		10,907,888	253,888	10,654,000	
36	W / O incentive	2014	13,597,715	340,827	13,256,888	15,763,740	393,042	15,370,698		10,654,000	264,250	10,389,750	
37	W incentive	2014	13,597,715	340,827	13,256,888	15,763,740	393,042	15,370,698		10,654,000	264,250	10,389,750	
38	W / O incentive	2015	13,256,888	340,827	12,916,061	15,370,698	393,042	14,977,656		10,389,750	264,250	10,125,499	
39	W incentive	2015	13,256,888	340,827	12,916,061	15,370,698	393,042	14,977,656		10,389,750	264,250	10,125,499	
40	W / O incentive	2016	12,916,061	340,827	12,575,234	14,977,656	393,042	14,584,615		10,125,499	264,250	9,861,249	
41	W incentive	2016	12,916,061	340,827	12,575,234	14,977,656	393,042	14,584,615		10,125,499	264,250	9,861,249	
42	W / O incentive	2017	12,575,234	366,389	12,208,845	14,584,615	422,520	14,162,095		9,861,249	284,069	9,577,180	
43	W incentive	2017	12,575,234	366,389	12,208,845	14,584,615	422,520	14,162,095		9,861,249	284,069	9,577,180	
44	W / O incentive	2018	12,208,845	366,389	11,842,456	14,162,095	422,520	13,739,575		9,577,180	284,069	9,293,110	
45	W incentive	2018	12,208,845	366,389	11,842,456	14,162,095	422,520	13,739,575		9,577,180	284,069	9,293,110	
46	W / O incentive	2019	11,842,456	366,389	11,476,067	13,739,575	422,520	13,317,055		9,293,110	284,069	9,009,041	
47	W incentive	2019	11,842,456	366,389	11,476,067	13,739,575	422,520	13,317,055		9,293,110	284,069	9,009,041	
48	W / O incentive	2020	11,476,067	366,389	11,109,678	13,317,055	422,520	12,894,535	1,760,770	9,009,041	284,069	8,724,972	1,189,491
49	W incentive	2020	11,476,067	366,389	11,109,678	13,317,055	422,520	12,894,535	1,872,745	9,009,041	284,069	8,724,972	1,265,250

A Proj Rev Req w/o Incentive PCY*					1,387,437				1,607,396				1,085,663
B Proj Rev Req w/ Incentive PCY*					1,458,195				1,689,527				1,141,241
C Actual Rev Req w/o Incentive PCY*					1,519,519				1,760,770				1,189,491
D Actual Rev Req w/ Incentive PCY*					1,616,005				1,872,745				1,265,250
E TUA w/o Int w/ Incentive PCY (C-A)					132,082				153,374				103,828
F TUA w/o Int w/ Incentive PCY (B-D)					157,810				183,218				124,010
G Future Value Factor (1+) ²⁴ mo (ATT6)					1.00000				1.00000				1.00000
H True-Up Adjustment w/o Incentive (E*G)					132,082				153,374				103,828
I True-Up Adjustment w/ Incentive (F*G)					157,810				183,218				124,010

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O incentive
 W incentive

Virginia Electric and Power Company
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 (dollars)

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		Project H-8				Project H-9				Project H-9A			
		Yes	b0328.1	Yes	b0328.3	Yes	b0328.3	Yes	b0328.3	Yes	b0328.3	Yes	b0328.3
		40	Build new Meadowbrook-Loudoun 500kV circuit (30 of 50 miles)	40	Upgrade Mt Storm 500 kV Substation	40	Upgrade Mt Storm 500 kV Substation	40	Upgrade Mt Storm 500 kV Substation	40	Upgrade Mt Storm 500 kV Substation	40	Upgrade Mt Storm 500 kV Substation
		10.2111%		10.2111%		10.2111%		10.2111%		10.2111%		10.2111%	
		1.5		1.5		1.5		1.5		1.5		1.5	
		11.0655%	Line 535	11.0655%		11.0655%		11.0655%		11.0655%		11.0655%	
		95,055,273		13,601,204		13,601,204		223,827		223,827		223,827	
		2,376,382		340,030		340,030		5,596		5,596		5,596	
		4		5		5		9		9		9	
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009											
27	W incentive	2009											
28	W / O incentive	2010											
29	W incentive	2010											
30	W / O incentive	2011	95,055,273	1,320,212	93,735,061	13,601,204	166,681	13,434,523					
31	W incentive	2011	95,055,273	1,320,212	93,735,061	13,601,204	166,681	13,434,523					
32	W / O incentive	2012	93,735,061	1,863,829	91,871,232	13,434,523	266,690	13,167,832					
33	W incentive	2012	93,735,061	1,863,829	91,871,232	13,434,523	266,690	13,167,832					
34	W / O incentive	2013	91,871,232	2,123,898	89,747,334	13,167,832	303,903	12,863,929					
35	W incentive	2013	91,871,232	2,123,898	89,747,334	13,167,832	303,903	12,863,929					
36	W / O incentive	2014	89,747,334	2,210,588	87,536,746	12,863,929	316,307	12,547,622					
37	W incentive	2014	89,747,334	2,210,588	87,536,746	12,863,929	316,307	12,547,622					
38	W / O incentive	2015	87,536,746	2,210,588	85,326,158	12,547,622	316,307	12,231,315					
39	W incentive	2015	87,536,746	2,210,588	85,326,158	12,547,622	316,307	12,231,315					
40	W / O incentive	2016	85,326,158	2,210,588	83,115,571	12,231,315	316,307	11,915,008					
41	W incentive	2016	85,326,158	2,210,588	83,115,571	12,231,315	316,307	11,915,008					
42	W / O incentive	2017	83,115,571	2,376,382	80,739,189	11,915,008	340,030	11,574,978					
43	W incentive	2017	83,115,571	2,376,382	80,739,189	11,915,008	340,030	11,574,978					
44	W / O incentive	2018	80,739,189	2,376,382	78,362,807	11,574,978	340,030	11,234,948					
45	W incentive	2018	80,739,189	2,376,382	78,362,807	11,574,978	340,030	11,234,948					
46	W / O incentive	2019	78,362,807	2,376,382	75,986,425	11,234,948	340,030	10,894,918					
47	W incentive	2019	78,362,807	2,376,382	75,986,425	11,234,948	340,030	10,894,918					
48	W / O incentive	2020	75,986,425	2,376,382	73,610,043	10,894,918	340,030	10,554,888	1,435,164	211,004	5,596	205,408	26,856
49	W incentive	2020	75,986,425	2,376,382	73,610,043	10,894,918	340,030	10,554,888	1,435,164	211,004	5,596	205,408	26,856

A Proj Rev Req w/o Incentive PCY*		9,143,099				1,292,328				59,284			
B Proj Rev Req w/ Incentive PCY*		9,612,406				1,358,381				59,284			
C Actual Rev Req w/o Incentive PCY*		10,014,129				1,435,164				26,856			
D Actual Rev Req w/ Incentive PCY*		10,653,199				1,526,797				26,856			
E TUA w/o Int w/ Incentive PCY (C-A)		871,030				142,836				(32,428)			
F TUA w/o Int w/ Incentive PCY (B-D)		1,040,793				168,416				(32,428)			
G Future Value Factor (1+) ⁿ /24 mo (ATT6)		1.00000				1.00000				1.00000			
H True-Up Adjustment w/o Incentive (E*G)		871,030				142,836				(32,428)			
I True-Up Adjustment w/ Incentive (F*G)		1,040,793				168,416				(32,428)			

TUA = True-Up Adjustment
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W / O incentive
 W incentive

Virginia Electric and Power Company
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10	11 Schedule 12 (Yes or No)	Project H-10				Project I-1				Project I-2A			
		Yes	b0328.4	Yes	b0329	Yes	b0329	Yes	b0329				
12	Life	40	Upgrade Loudoun 500 kV Substation	40	Carson-Suffolk 500 kV line +	40	Carson-Suffolk 500 kV line +	40	Carson-Suffolk 500 kV line +				
13	FCR W/O incentive Line 3	10.2111%		10.2111%	Suffolk 500/230 # 2 transformer +	10.2111%	Suffolk 500/230 # 2 transformer +	10.2111%	Suffolk 500/230 # 2 transformer +				
14	Incentive Factor (Basis Points / 100)	1.5		1.5	Suffolk - Thrasher 230kV line	1.5	Suffolk - Thrasher 230kV line	1.5	Suffolk - Thrasher 230kV line				
15	FCR W incentive L.13 +(L.14*L.5)	11.0655%		11.0655%		11.0655%		11.0655%					
16	Investment	3,123,926		2,434,850	Cost associated with below 500 kV elements.		38,312,185	Cost associated with below 500 kV elements.					
17	Annual Depreciation Exp	78,098		60,871		957,805		957,805					
18	In Service Month (1-12)	5		12		6		6					
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive												
21	W incentive					2,434,850	1,989	2,432,861					
22	W / O incentive					2,434,850	1,989	2,432,861					
23	W incentive					2,432,861	47,742	2,385,119					
24	W / O incentive					2,432,861	47,742	2,385,119					
25	W incentive					2,385,119	47,742	2,337,376		38,312,185	406,910	37,905,275	
26	W / O incentive	3,123,926	38,283	3,085,643		2,385,119	47,742	2,337,376		38,312,185	406,910	37,905,275	
27	W incentive	3,123,926	38,283	3,085,643		2,337,376	47,742	2,289,634		37,905,275	751,219	37,154,056	
28	W / O incentive	3,085,643	61,253	3,024,389		2,337,376	47,742	2,289,634		37,905,275	751,219	37,154,056	
29	W incentive	3,024,389	69,800	2,954,589		2,289,634	54,404	2,235,230		37,154,056	856,041	36,298,015	
30	W / O incentive	3,024,389	69,800	2,954,589		2,289,634	54,404	2,235,230		37,154,056	856,041	36,298,015	
31	W incentive	2,954,589	72,649	2,881,939		2,235,230	56,624	2,178,606		36,298,015	890,981	35,407,034	
32	W / O incentive	2,954,589	72,649	2,881,939		2,235,230	56,624	2,178,606		36,298,015	890,981	35,407,034	
33	W incentive	2,881,939	72,649	2,809,290		2,178,606	56,624	2,121,982		35,407,034	890,981	34,516,053	
34	W / O incentive	2,881,939	72,649	2,809,290		2,178,606	56,624	2,121,982		35,407,034	890,981	34,516,053	
35	W incentive	2,809,290	72,649	2,736,640		2,121,982	56,624	2,065,357		34,516,053	890,981	33,625,072	
36	W / O incentive	2,809,290	72,649	2,736,640		2,121,982	56,624	2,065,357		34,516,053	890,981	33,625,072	
37	W incentive	2,736,640	78,098	2,658,542		2,065,357	60,871	2,004,486		33,625,072	957,805	32,667,267	
38	W / O incentive	2,736,640	78,098	2,658,542		2,065,357	60,871	2,004,486		33,625,072	957,805	32,667,267	
39	W incentive	2,658,542	78,098	2,580,444		2,004,486	60,871	1,943,615		32,667,267	957,805	31,709,463	
40	W / O incentive	2,658,542	78,098	2,580,444		2,004,486	60,871	1,943,615		32,667,267	957,805	31,709,463	
41	W incentive	2,580,444	78,098	2,502,346		1,943,615	60,871	1,882,743		31,709,463	957,805	30,751,658	
42	W / O incentive	2,580,444	78,098	2,502,346		1,943,615	60,871	1,882,743		31,709,463	957,805	30,751,658	
43	W incentive	2,502,346	78,098	2,424,248	329,629	1,882,743	60,871	1,821,872	250,013	30,751,658	957,805	29,793,853	4,048,996
44	W / O incentive	2,502,346	78,098	2,424,248	329,629	1,882,743	60,871	1,821,872	250,013	30,751,658	957,805	29,793,853	4,048,996
45	W incentive				350,675				265,839				4,307,644

A Proj Rev Req w/o Incentive PCY*				300,758				228,374					3,752,742
B Proj Rev Req w/ Incentive PCY*				316,202				239,975					3,945,556
C Actual Rev Req w/o Incentive PCY*				329,629				250,013					4,048,996
D Actual Rev Req w/ Incentive PCY*				350,675				265,839					4,307,644
E TUA w/o Int w/ Incentive PCY (C-A)				28,871				21,639					296,254
F TUA w/o Int w/ Incentive PCY (B-D)				34,473				25,863					362,088
G Future Value Factor (1+) ²⁴ mo (ATT6)				1.00000				1.00000					1,00000
H True-Up Adjustment w/o Incentive (E*G)				28,871				21,639					296,254
I True-Up Adjustment w/ Incentive (F*G)				34,473				25,863					362,088

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O incentive
 W incentive

Virginia Electric and Power Company
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		Project I-2B				Project I-3				Project J			
		Yes	b0329			Yes	b0329			Yes	b0512		
11	Schedule 12 (Yes or No)	40	Carson-Suffolk 500 kV line +			40	Carson-Suffolk 500 kV line +			40	MAPP Project – Dominion Portion		
12	Life	10.2111%	Suffolk 500/230 # 2 transformer +			10.2111%	Suffolk 500/230 # 2 transformer +			10.2111%			
13	FCR W/O incentive Line 3	1.5	Suffolk - Thrasher 230kV line			0	Suffolk - Thrasher 230kV line			1.5			
14	Incentive Factor (Basis Points / 100)	11.0655%				10.2111%				11.0655%			
15	FCR W incentive L.13 +(L.14*L.5)	163,410,059	Cost associated with Regional Facilities			915,823	Cost associated with Regional Facilities			-			
16	Investment	4,085,251	and Necessary Lower Voltage Facilities.			22,896	and Necessary Lower Voltage Facilities.			-			
17	Annual Depreciation Exp	5				3	Replaced transformer bank/bushings						
18	In Service Month (1-12)												
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011	163,410,059	2,002,574	161,407,485									
31	W incentive 2011	163,410,059	2,002,574	161,407,485									
32	W / O incentive 2012	161,407,485	3,204,119	158,203,366									
33	W incentive 2012	161,407,485	3,204,119	158,203,366									
34	W / O incentive 2013	158,203,366	3,651,205	154,552,161									
35	W incentive 2013	158,203,366	3,651,205	154,552,161									
36	W / O incentive 2014	154,552,161	3,800,234	150,751,927									
37	W incentive 2014	154,552,161	3,800,234	150,751,927									
38	W / O incentive 2015	150,751,927	3,800,234	146,951,693									
39	W incentive 2015	150,751,927	3,800,234	146,951,693									
40	W / O incentive 2016	146,951,693	3,800,234	143,151,459									
41	W incentive 2016	146,951,693	3,800,234	143,151,459									
42	W / O incentive 2017	143,151,459	4,085,251	139,066,208									
43	W incentive 2017	143,151,459	4,085,251	139,066,208									
44	W / O incentive 2018	139,066,208	4,085,251	134,980,956		915,823	18,126	897,697					
45	W incentive 2018	139,066,208	4,085,251	134,980,956		915,823	18,126	897,697					
46	W / O incentive 2019	134,980,956	4,085,251	130,895,705		897,697	22,896	874,801					
47	W incentive 2019	134,980,956	4,085,251	130,895,705		897,697	22,896	874,801					
48	W / O incentive 2020	130,895,705	4,085,251	126,810,453	17,242,610	874,801	22,896	851,906	111,054				
49	W incentive 2020	130,895,705	4,085,251	126,810,453	18,343,522	874,801	22,896	851,906	111,054				

A Proj Rev Req w/o Incentive PCY*	15,732,104	111,807	-
B Proj Rev Req w/ Incentive PCY*	16,539,939	111,807	-
C Actual Rev Req w/o Incentive PCY*	17,242,610	111,054	-
D Actual Rev Req w/ Incentive PCY*	18,343,522	111,054	-
E TUA w/o Int w/ Incentive PCY (C-A)	1,510,507	(754)	-
F TUA w/o Int w/ Incentive PCY (B-D)	1,803,583	(754)	-
G Future Value Factor (1+) ²⁴ mo (ATT6)	1.00000	1.00000	1.00000
H True-Up Adjustment w/o Incentive (E*G)	1,510,507	(754)	-
I True-Up Adjustment w/ Incentive (F*G)	1,803,583	(754)	-

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W / O incentive
 W incentive

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		Project K-1				Project K-2				Project L-1a			
		No				No				No			
		40	Loudoun Bank # 1 transformer replacement			40	Loudoun Bank # 2 transformer replacement			40	Ox Bank # 1 transformer replacement		
		10.2111%				10.2111%				10.2111%			
		1.5				1.5				1.5			
		11.0655%				11.0655%				11.0655%			
		12,786,365				13,698,170				10,056,166			
		319,659				342,454				251,404			
		12				5				7			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
10													
11	Schedule 12 (Yes or No)												
12	Life												
13	FCR W/O incentive Line 3												
14	Incentive Factor (Basis Points / 100)												
15	FCR W incentive L.13 +(L.14*L.5)												
16	Investment												
17	Annual Depreciation Exp												
18	In Service Month (1-12)												
19													
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009	12,786,365	10,446	12,775,919						10,056,166	90,374	9,965,792	
27	W incentive 2009	12,786,365	10,446	12,775,919						10,056,166	90,374	9,965,792	
28	W / O incentive 2010	12,775,919	250,713	12,525,206		13,698,170	167,870	13,530,300		9,965,792	197,180	9,768,612	
29	W incentive 2010	12,775,919	250,713	12,525,206		13,698,170	167,870	13,530,300		9,965,792	197,180	9,768,612	
30	W / O incentive 2011	12,525,206	250,713	12,274,493		13,530,300	268,592	13,261,709		9,768,612	197,180	9,571,433	
31	W incentive 2011	12,525,206	250,713	12,274,493		13,530,300	268,592	13,261,709		9,768,612	197,180	9,571,433	
32	W / O incentive 2012	12,274,493	250,713	12,023,780		13,261,709	268,592	12,993,117		9,571,433	197,180	9,374,253	
33	W incentive 2012	12,274,493	250,713	12,023,780		13,261,709	268,592	12,993,117		9,571,433	197,180	9,374,253	
34	W / O incentive 2013	12,023,780	285,696	11,738,083		12,993,117	306,069	12,687,048		9,374,253	224,693	9,149,560	
35	W incentive 2013	12,023,780	285,696	11,738,083		12,993,117	306,069	12,687,048		9,374,253	224,693	9,149,560	
36	W / O incentive 2014	11,738,083	297,357	11,440,726		12,687,048	318,562	12,368,486		9,149,560	233,864	8,915,695	
37	W incentive 2014	11,738,083	297,357	11,440,726		12,687,048	318,562	12,368,486		9,149,560	233,864	8,915,695	
38	W / O incentive 2015	11,440,726	297,357	11,143,369		12,368,486	318,562	12,049,923		8,915,695	233,864	8,681,831	
39	W incentive 2015	11,440,726	297,357	11,143,369		12,368,486	318,562	12,049,923		8,915,695	233,864	8,681,831	
40	W / O incentive 2016	11,143,369	297,357	10,846,011		12,049,923	318,562	11,731,361		8,681,831	233,864	8,447,967	
41	W incentive 2016	11,143,369	297,357	10,846,011		12,049,923	318,562	11,731,361		8,681,831	233,864	8,447,967	
42	W / O incentive 2017	10,846,011	319,659	10,526,352		11,731,361	342,454	11,388,907		8,447,967	251,404	8,196,562	
43	W incentive 2017	10,846,011	319,659	10,526,352		11,731,361	342,454	11,388,907		8,447,967	251,404	8,196,562	
44	W / O incentive 2018	10,526,352	319,659	10,206,693		11,388,907	342,454	11,046,453		8,196,562	251,404	7,945,158	
45	W incentive 2018	10,526,352	319,659	10,206,693		11,388,907	342,454	11,046,453		8,196,562	251,404	7,945,158	
46	W / O incentive 2019	10,206,693	319,659	9,887,034		11,046,453	342,454	10,703,999		7,945,158	251,404	7,693,754	
47	W incentive 2019	10,206,693	319,659	9,887,034		11,046,453	342,454	10,703,999		7,945,158	251,404	7,693,754	
48	W / O incentive 2020	9,887,034	319,659	9,567,375	1,312,917	10,703,999	342,454	10,361,544	1,417,970	7,693,754	251,404	7,442,350	1,024,188
49	W incentive 2020	9,887,034	319,659	9,567,375	1,396,025	10,703,999	342,454	10,361,544	1,507,961	7,693,754	251,404	7,442,350	1,088,849

A	Proj Rev Req w/o Incentive PCY*				1,199,280				1,360,080				935,864
B	Proj Rev Req w/ Incentive PCY*				1,260,207				1,429,399				983,252
C	Actual Rev Req w/o Incentive PCY*				1,312,917				1,417,970				1,024,188
D	Actual Rev Req w/ Incentive PCY*				1,396,025				1,507,961				1,088,849
E	TUA w/o Int w/ Incentive PCY (C-A)				113,637				57,889				88,324
F	TUA w/o Int w/ Incentive PCY (B-D)				135,819				78,562				105,597
G	Future Value Factor (1+) ⁿ /24 mo (ATT6)				1.00000				1.00000				1.00000
H	True-Up Adjustment w/o Incentive (E*G)				113,637				57,889				88,324
I	True-Up Adjustment w/ Incentive (F*G)				135,819				78,562				105,597

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O incentive
 W incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
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 (dollars)

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10	11 Schedule 12 (Yes or No)	Project L-1b				Project L-2				Project M				
		No	Ox Bank # 1 transformer spare			No	Ox Bank # 2 transformer replacement			No	Yadkin Bank # 2 transformer replacement			
12	Life	40				40				40				
13	FCR W/O incentive Line 3	10.2111%				10.2111%				10.2111%				
14	Incentive Factor (Basis Points / 100)	1.5				1.5				1.5				
15	FCR W incentive L.13 +(L.14*L.5)	11.0655%				11.0655%				11.0655%				
16	Investment	2,857,132				11,501,538				16,350,882				
17	Annual Depreciation Exp	71,428				287,538				408,772				
18	In Service Month (1-12)	12				3				6				
19														
20	W / O incentive	2006	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
21	W incentive	2006												
22	W / O incentive	2007												
23	W incentive	2007												
24	W / O incentive	2008												
25	W incentive	2008												
26	W / O incentive	2009	2,857,132	2,334	2,854,798		11,501,538	178,537	11,323,001					
27	W incentive	2009	2,857,132	2,334	2,854,798		11,501,538	178,537	11,323,001					
28	W / O incentive	2010	2,854,798	56,022	2,798,776		11,323,001	225,520	11,097,481		16,350,882	173,661	16,177,221	
29	W incentive	2010	2,854,798	56,022	2,798,776		11,323,001	225,520	11,097,481		16,350,882	173,661	16,177,221	
30	W / O incentive	2011	2,798,776	56,022	2,742,753		11,097,481	225,520	10,871,960		16,177,221	320,606	15,856,615	
31	W incentive	2011	2,798,776	56,022	2,742,753		11,097,481	225,520	10,871,960		16,177,221	320,606	15,856,615	
32	W / O incentive	2012	2,742,753	56,022	2,686,731		10,871,960	225,520	10,646,440		15,856,615	320,606	15,536,010	
33	W incentive	2012	2,742,753	56,022	2,686,731		10,871,960	225,520	10,646,440		15,856,615	320,606	15,536,010	
34	W / O incentive	2013	2,686,731	63,839	2,622,892		10,646,440	256,988	10,389,452		15,536,010	365,341	15,170,668	
35	W incentive	2013	2,686,731	63,839	2,622,892		10,646,440	256,988	10,389,452		15,536,010	365,341	15,170,668	
36	W / O incentive	2014	2,622,892	66,445	2,556,447		10,389,452	267,478	10,121,974		15,170,668	380,253	14,790,415	
37	W incentive	2014	2,622,892	66,445	2,556,447		10,389,452	267,478	10,121,974		15,170,668	380,253	14,790,415	
38	W / O incentive	2015	2,556,447	66,445	2,490,002		10,121,974	267,478	9,854,496		14,790,415	380,253	14,410,162	
39	W incentive	2015	2,556,447	66,445	2,490,002		10,121,974	267,478	9,854,496		14,790,415	380,253	14,410,162	
40	W / O incentive	2016	2,490,002	66,445	2,423,557		9,854,496	267,478	9,587,019		14,410,162	380,253	14,029,909	
41	W incentive	2016	2,490,002	66,445	2,423,557		9,854,496	267,478	9,587,019		14,410,162	380,253	14,029,909	
42	W / O incentive	2017	2,423,557	71,428	2,352,129		9,587,019	287,538	9,299,480		14,029,909	408,772	13,621,137	
43	W incentive	2017	2,423,557	71,428	2,352,129		9,587,019	287,538	9,299,480		14,029,909	408,772	13,621,137	
44	W / O incentive	2018	2,352,129	71,428	2,280,701		9,299,480	287,538	9,011,942		13,621,137	408,772	13,212,365	
45	W incentive	2018	2,352,129	71,428	2,280,701		9,299,480	287,538	9,011,942		13,621,137	408,772	13,212,365	
46	W / O incentive	2019	2,280,701	71,428	2,209,272		9,011,942	287,538	8,724,403		13,212,365	408,772	12,803,593	
47	W incentive	2019	2,280,701	71,428	2,209,272		9,011,942	287,538	8,724,403		13,212,365	408,772	12,803,593	
48	W / O incentive	2020	2,209,272	71,428	2,137,844	293,373	8,724,403	287,538	8,436,865	1,163,718	12,803,593	408,772	12,394,821	1,695,294
49	W incentive	2020	2,209,272	71,428	2,137,844	311,944	8,724,403	287,538	8,436,865	1,237,031	12,803,593	408,772	12,394,821	1,802,941

A Proj Rev Req w/o Incentive PCY*					267,981					1,063,659				1,546,998
B Proj Rev Req w/ Incentive PCY*					281,595					1,117,374				1,625,876
C Actual Rev Req w/o Incentive PCY*					293,373					1,163,718				1,695,294
D Actual Rev Req w/ Incentive PCY*					311,944					1,237,031				1,802,941
E TUA w/o Int w/ Incentive PCY (C-A)					25,392					100,060				148,296
F TUA w/o Int w/ Incentive PCY (B-D)					30,349					119,656				177,065
G Future Value Factor (1+) ²⁴ mo (ATT6)					1.00000					1.00000				1.00000
H True-Up Adjustment w/o Incentive (E*G)					25,392					100,060				148,296
I True-Up Adjustment w/ Incentive (F*G)					30,349					119,656				177,065

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W / O incentive
 W incentive

Virginia Electric and Power Company
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		Project N				Project O				Project P			
		No	Carson Bank # 1 transformer replacement			No	Lexington Bank # 1 transformer replacement			No	Dooms Bank # 7 transformer replacement		
10 Schedule 12 (Yes or No)		40				40				40			
12 Life		10.2111%				10.2111%				10.2111%			
13 FCR W/O Incentive Line 3		1.5				1.5				1.5			
14 Incentive Factor (Basis Points / 100)		11.0655%				11.0655%				11.0655%			
15 FCR W Incentive L.13 +(L.14*L.5)		18,431,682				9,761,643				18,889,751			
16 Investment		460,792				244,041				472,244			
17 Annual Depreciation Exp		5				12				8			
18 In Service Month (1-12)													
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O Incentive 2006												
21	W Incentive 2006												
22	W / O Incentive 2007												
23	W Incentive 2007												
24	W / O Incentive 2008												
25	W Incentive 2008												
26	W / O Incentive 2009												
27	W Incentive 2009												
28	W / O Incentive 2010	18,431,682	225,878	18,205,804									
29	W Incentive 2010	18,431,682	225,878	18,205,804									
30	W / O Incentive 2011	18,205,804	361,406	17,844,398		9,761,643	7,975	9,753,668		18,889,751	138,895	18,750,856	
31	W Incentive 2011	18,205,804	361,406	17,844,398		9,761,643	7,975	9,753,668		18,889,751	138,895	18,750,856	
32	W / O Incentive 2012	17,844,398	361,406	17,482,992		9,753,668	191,405	9,562,263		18,750,856	370,387	18,380,468	
33	W Incentive 2012	17,844,398	361,406	17,482,992		9,753,668	191,405	9,562,263		18,750,856	370,387	18,380,468	
34	W / O Incentive 2013	17,482,992	411,834	17,071,158		9,562,263	218,112	9,344,151		18,380,468	422,069	17,958,399	
35	W Incentive 2013	17,482,992	411,834	17,071,158		9,562,263	218,112	9,344,151		18,380,468	422,069	17,958,399	
36	W / O Incentive 2014	17,071,158	428,644	16,642,515		9,344,151	227,015	9,117,136		17,958,399	439,297	17,519,103	
37	W Incentive 2014	17,071,158	428,644	16,642,515		9,344,151	227,015	9,117,136		17,958,399	439,297	17,519,103	
38	W / O Incentive 2015	16,642,515	428,644	16,213,871		9,117,136	227,015	8,890,121		17,519,103	439,297	17,079,806	
39	W Incentive 2015	16,642,515	428,644	16,213,871		9,117,136	227,015	8,890,121		17,519,103	439,297	17,079,806	
40	W / O Incentive 2016	16,213,871	428,644	15,785,227		8,890,121	227,015	8,663,106		17,079,806	439,297	16,640,510	
41	W Incentive 2016	16,213,871	428,644	15,785,227		8,890,121	227,015	8,663,106		17,079,806	439,297	16,640,510	
42	W / O Incentive 2017	15,785,227	460,792	15,324,435		8,663,106	244,041	8,419,065		16,640,510	472,244	16,168,266	
43	W Incentive 2017	15,785,227	460,792	15,324,435		8,663,106	244,041	8,419,065		16,640,510	472,244	16,168,266	
44	W / O Incentive 2018	15,324,435	460,792	14,863,643		8,419,065	244,041	8,175,024		16,168,266	472,244	15,696,022	
45	W Incentive 2018	15,324,435	460,792	14,863,643		8,419,065	244,041	8,175,024		16,168,266	472,244	15,696,022	
46	W / O Incentive 2019	14,863,643	460,792	14,402,851		8,175,024	244,041	7,930,983		15,696,022	472,244	15,223,778	
47	W Incentive 2019	14,863,643	460,792	14,402,851		8,175,024	244,041	7,930,983		15,696,022	472,244	15,223,778	
48	W / O Incentive 2020	14,402,851	460,792	13,942,059	1,907,960	7,930,983	244,041	7,686,941	1,041,425	15,223,778	472,244	14,751,535	2,002,653
49	W Incentive 2020	14,402,851	460,792	13,942,059	2,029,049	7,930,983	244,041	7,686,941	1,108,144	15,223,778	472,244	14,751,535	2,130,707
A Proj Rev Req w/o Incentive PCY*										949,785			
B Proj Rev Req w/ Incentive PCY*										998,763			
C Actual Rev Req w/o Incentive PCY*										1,041,425			
D Actual Rev Req w/ Incentive PCY*										1,108,144			
E TUA w/o Int w/ Incentive PCY (C-A)										91,640			
F TUA w/o Int w/ Incentive PCY (B-D)										109,381			
G Future Value Factor (1+i)^24 mo (ATT6)										1,00000			
H True-Up Adjustment w/o Incentive (E*G)										91,640			
I True-Up Adjustment w/ Incentive (F*G)										109,381			
TUA = True-Up Adjustment													
PCY = Previous Calendar Year													
W / O Incentive													
W Incentive													

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		Project Q				Project R-1				Project R-2			
		No				No				No			
10		40	Valley Bank # 1 transformer replacement			40	s0124 Garrisonville 230 kV UG line Phase 1			40	s0124 Garrisonville 230 kV UG line Phase 2		
11	Schedule 12 (Yes or No)	10.2111%				10.2111%				10.2111%			
12	Life	1.5				1.25				1.25			
13	FCR W/O Incentive Line 3	11.0655%				10.9231%				10.9231%			
14	Incentive Factor (Basis Points / 100)	12,056,414				91,286,357				32,204,664			
15	FCR W Incentive L.13 +(L.14*L.5)	301,410				2,282,159				805,117			
16	Investment	12				6				6			
17	Annual Depreciation Exp												
18	In Service Month (1-12)												
19													
20	W / O Incentive 2006												
21	W Incentive 2006												
22	W / O Incentive 2007												
23	W Incentive 2007												
24	W / O Incentive 2008												
25	W Incentive 2008												
26	W / O Incentive 2009												
27	W Incentive 2009												
28	W / O Incentive 2010	12,056,414	9,850	12,046,564		91,286,357	969,545	90,316,812					
29	W Incentive 2010	12,056,414	9,850	12,046,564		91,286,357	969,545	90,316,812					
30	W / O Incentive 2011	12,046,564	236,400	11,810,164		90,316,812	1,789,929	88,526,884		32,204,664	342,043	31,862,621	
31	W Incentive 2011	12,046,564	236,400	11,810,164		90,316,812	1,789,929	88,526,884		32,204,664	342,043	31,862,621	
32	W / O Incentive 2012	11,810,164	236,400	11,573,763		88,526,884	1,789,929	86,736,955		31,862,621	631,464	31,231,157	
33	W Incentive 2012	11,810,164	236,400	11,573,763		88,526,884	1,789,929	86,736,955		31,862,621	631,464	31,231,157	
34	W / O Incentive 2013	11,573,763	269,386	11,304,377		86,736,955	2,039,686	84,697,269		31,231,157	719,575	30,511,582	
35	W Incentive 2013	11,573,763	269,386	11,304,377		86,736,955	2,039,686	84,697,269		31,231,157	719,575	30,511,582	
36	W / O Incentive 2014	11,304,377	280,382	11,023,995		84,697,269	2,122,939	82,574,331		30,511,582	748,946	29,762,636	
37	W Incentive 2014	11,304,377	280,382	11,023,995		84,697,269	2,122,939	82,574,331		30,511,582	748,946	29,762,636	
38	W / O Incentive 2015	11,023,995	280,382	10,743,614		82,574,331	2,122,939	80,451,392		29,762,636	748,946	29,013,690	
39	W Incentive 2015	11,023,995	280,382	10,743,614		82,574,331	2,122,939	80,451,392		29,762,636	748,946	29,013,690	
40	W / O Incentive 2016	10,743,614	280,382	10,463,232		80,451,392	2,122,939	78,328,454		29,013,690	748,946	28,264,745	
41	W Incentive 2016	10,743,614	280,382	10,463,232		80,451,392	2,122,939	78,328,454		29,013,690	748,946	28,264,745	
42	W / O Incentive 2017	10,463,232	301,410	10,161,822		78,328,454	2,282,159	76,046,295		28,264,745	805,117	27,459,628	
43	W Incentive 2017	10,463,232	301,410	10,161,822		78,328,454	2,282,159	76,046,295		28,264,745	805,117	27,459,628	
44	W / O Incentive 2018	10,161,822	301,410	9,860,411		76,046,295	2,282,159	73,764,136		27,459,628	805,117	26,654,512	
45	W Incentive 2018	10,161,822	301,410	9,860,411		76,046,295	2,282,159	73,764,136		27,459,628	805,117	26,654,512	
46	W / O Incentive 2019	9,860,411	301,410	9,559,001		73,764,136	2,282,159	71,481,977		26,654,512	805,117	25,849,395	
47	W Incentive 2019	9,860,411	301,410	9,559,001		73,764,136	2,282,159	71,481,977		26,654,512	805,117	25,849,395	
48	W / O Incentive 2020	9,559,001	301,410	9,257,591	1,262,104	71,481,977	2,282,159	69,199,818	9,464,761	25,849,395	805,117	25,044,278	3,403,527
49	W Incentive 2020	9,559,001	301,410	9,257,591	1,342,488	71,481,977	2,282,159	69,199,818	9,965,584	25,849,395	805,117	25,044,278	3,584,707

A	Proj Rev Req w/o Incentive PCY*				1,151,938				8,642,005				3,105,227
B	Proj Rev Req w/ Incentive PCY*				1,210,908				9,009,281				3,238,186
C	Actual Rev Req w/o Incentive PCY*				1,262,104				9,464,761				3,403,527
D	Actual Rev Req w/ Incentive PCY*				1,342,488				9,965,584				3,584,707
E	TUA w/o Int w/ Incentive PCY (C-A)				110,166				822,757				298,300
F	TUA w/o Int w/ Incentive PCY (B-D)				131,580				956,303				346,521
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1.00000				1.00000				1.00000
H	True-Up Adjustment w/o Incentive (E*G)				110,166				822,757				298,300
I	True-Up Adjustment w/ Incentive (F*G)				131,580				956,303				346,521

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 PCY = Previous Calendar Year

W / O Incentive
 W Incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
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 (dollars)

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		Project R-3				Project S-1				Project S-2				
		No	s0124	No	s0133	No	s0133	No	s0133					
11 Schedule 12 (Yes or No)		40	Garrisonville 230 kV UG line	40	Pleasant View Hamilton 230kV	40	Pleasant View Hamilton 230kV	40	Pleasant View Hamilton 230kV					
12 Life		10.2111%	Phase 3	10.2111%	transmission line	10.2111%	transmission line	10.2111%	transmission line					
13 FCR W/O Incentive Line 3		1.25		1.25		1.25		1.25						
14 Incentive Factor (Basis Points / 100)		10.9231%		10.9231%		10.9231%		10.9231%						
15 FCR W Incentive L.13 +(L.14*L.5)		13,426,813		84,131,836		84,131,836		1,301,988						
16 Investment		335,670		2,103,296		2,103,296		32,550						
17 Annual Depreciation Exp		2		10		10		2						
18 In Service Month (1-12)														
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
20	W / O Incentive													
21	W Incentive													
22	W / O Incentive													
23	W Incentive													
24	W / O Incentive													
25	W Incentive													
26	W / O Incentive													
27	W Incentive													
28	W / O Incentive					84,131,836	343,676	83,788,160						
29	W Incentive					84,131,836	343,676	83,788,160						
30	W / O Incentive					83,788,160	1,649,644	82,138,516		1,301,988	22,338	1,279,650		
31	W Incentive					83,788,160	1,649,644	82,138,516		1,301,988	22,338	1,279,650		
32	W / O Incentive	13,426,813	230,362	13,196,451		82,138,516	1,649,644	80,488,873		1,279,650	25,529	1,254,121		
33	W Incentive	13,426,813	230,362	13,196,451		82,138,516	1,649,644	80,488,873		1,279,650	25,529	1,254,121		
34	W / O Incentive	13,196,451	300,006	12,896,445		80,488,873	1,879,827	78,609,046		1,254,121	29,091	1,225,029		
35	W Incentive	13,196,451	300,006	12,896,445		80,488,873	1,879,827	78,609,046		1,254,121	29,091	1,225,029		
36	W / O Incentive	12,896,445	312,251	12,584,193		78,609,046	1,956,554	76,652,491		1,225,029	30,279	1,194,751		
37	W Incentive	12,896,445	312,251	12,584,193		78,609,046	1,956,554	76,652,491		1,225,029	30,279	1,194,751		
38	W / O Incentive	12,584,193	312,251	12,271,942		76,652,491	1,956,554	74,695,937		1,194,751	30,279	1,164,472		
39	W Incentive	12,584,193	312,251	12,271,942		76,652,491	1,956,554	74,695,937		1,194,751	30,279	1,164,472		
40	W / O Incentive	12,271,942	312,251	11,959,690		74,695,937	1,956,554	72,739,383		1,164,472	30,279	1,134,193		
41	W Incentive	12,271,942	312,251	11,959,690		74,695,937	1,956,554	72,739,383		1,164,472	30,279	1,134,193		
42	W / O Incentive	11,959,690	335,670	11,624,020		72,739,383	2,103,296	70,636,087		1,134,193	32,550	1,101,643		
43	W Incentive	11,959,690	335,670	11,624,020		72,739,383	2,103,296	70,636,087		1,134,193	32,550	1,101,643		
44	W / O Incentive	11,624,020	335,670	11,288,350		70,636,087	2,103,296	68,532,791		1,101,643	32,550	1,069,094		
45	W Incentive	11,624,020	335,670	11,288,350		70,636,087	2,103,296	68,532,791		1,101,643	32,550	1,069,094		
46	W / O Incentive	11,288,350	335,670	10,952,679		68,532,791	2,103,296	66,429,495		1,069,094	32,550	1,036,544		
47	W Incentive	11,288,350	335,670	10,952,679		68,532,791	2,103,296	66,429,495		1,069,094	32,550	1,036,544		
48	W / O Incentive	10,952,679	335,670	10,617,009	1,436,925	66,429,495	2,103,296	64,326,199	8,779,115	1,036,544	32,550	1,003,994	136,731	
49	W Incentive	10,952,679	335,670	10,617,009	1,513,713	66,429,495	2,103,296	64,326,199	9,244,601	1,036,544	32,550	1,003,994	143,995	
A Proj Rev Req w/o Incentive PCY*						1,310,318				8,013,866				124,779
B Proj Rev Req w/ Incentive PCY*						1,366,693				8,355,310				130,109
C Actual Rev Req w/o Incentive PCY*						1,436,925				8,779,115				136,731
D Actual Rev Req w/ Incentive PCY*						1,513,713				9,244,601				143,995
E TUA w/o Int w/ Incentive PCY (C-A)						126,607				765,248				11,951
F TUA w/o Int w/ Incentive PCY (B-D)						147,020				889,291				13,886
G Future Value Factor (1+) ²⁴ mo (ATT6)						1.00000				1.00000				1.00000
H True-Up Adjustment w/o Incentive (E*G)						126,607				765,248				11,951
I True-Up Adjustment w/ Incentive (F*G)						147,020				889,291				13,886
TUA = True-Up Adjustment														
PCY = Previous Calendar Year														
W / O Incentive														
W Incentive														

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 (dollars)

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10	11 Schedule 12 (Yes or No)	Project T-1				Project T-2				Project U-1				
		Yes	b0768	Glen Carlyn Line 251 GIB substation project		Yes	b0768	Glen Carlyn Line 251 GIB substation project		Yes	b0453.1	Convert Remington - Sowego 115kV to 230kV		
12	Life	40				40				40				
13	FCR W/O Incentive Line 3	10.2111%				10.2111%				10.2111%				
14	Incentive Factor (Basis Points / 100)	1.25				1.25				1.25				
15	FCR W Incentive L.13 +(L.14*L.5)	10.9231%				10.9231%				10.9231%				
16	Investment	205,578				23,483,583				1,472,605				
17	Annual Depreciation Exp	5,139				587,090				36,815				
18	In Service Month (1-12)	6				6				9				
19														
20	W / O Incentive	2006												
21	W Incentive	2006												
22	W / O Incentive	2007												
23	W Incentive	2007												
24	W / O Incentive	2008												
25	W Incentive	2008												
26	W / O Incentive	2009												
27	W Incentive	2009												
28	W / O Incentive	2010	205,578	2,183	203,395					1,472,605	8,422	1,464,183		
29	W Incentive	2010	205,578	2,183	203,395					1,472,605	8,422	1,464,183		
30	W / O Incentive	2011	203,395	4,031	199,364	23,483,583	249,417	23,234,166		1,464,183	28,875	1,435,309		
31	W Incentive	2011	203,395	4,031	199,364	23,483,583	249,417	23,234,166		1,464,183	28,875	1,435,309		
32	W / O Incentive	2012	199,364	4,031	195,333	23,234,166	460,462	22,773,703		1,435,309	28,875	1,406,434		
33	W Incentive	2012	199,364	4,031	195,333	23,234,166	460,462	22,773,703		1,435,309	28,875	1,406,434		
34	W / O Incentive	2013	195,333	4,593	190,739	22,773,703	524,713	22,248,990		1,406,434	32,904	1,373,530		
35	W Incentive	2013	195,333	4,593	190,739	22,773,703	524,713	22,248,990		1,406,434	32,904	1,373,530		
36	W / O Incentive	2014	190,739	4,781	185,958	22,248,990	546,130	21,702,861		1,373,530	34,247	1,339,284		
37	W Incentive	2014	190,739	4,781	185,958	22,248,990	546,130	21,702,861		1,373,530	34,247	1,339,284		
38	W / O Incentive	2015	185,958	4,781	181,178	21,702,861	546,130	21,156,731		1,339,284	34,247	1,305,037		
39	W Incentive	2015	185,958	4,781	181,178	21,702,861	546,130	21,156,731		1,339,284	34,247	1,305,037		
40	W / O Incentive	2016	181,178	4,781	176,397	21,156,731	546,130	20,610,601		1,305,037	34,247	1,270,791		
41	W Incentive	2016	181,178	4,781	176,397	21,156,731	546,130	20,610,601		1,305,037	34,247	1,270,791		
42	W / O Incentive	2017	176,397	5,139	171,257	20,610,601	587,090	20,023,511		1,270,791	36,815	1,233,975		
43	W Incentive	2017	176,397	5,139	171,257	20,610,601	587,090	20,023,511		1,270,791	36,815	1,233,975		
44	W / O Incentive	2018	171,257	5,139	166,118	20,023,511	587,090	19,436,422		1,233,975	36,815	1,197,160		
45	W Incentive	2018	171,257	5,139	166,118	20,023,511	587,090	19,436,422		1,233,975	36,815	1,197,160		
46	W / O Incentive	2019	166,118	5,139	160,978	19,436,422	587,090	18,849,332		1,197,160	36,815	1,160,345		
47	W Incentive	2019	166,118	5,139	160,978	19,436,422	587,090	18,849,332		1,197,160	36,815	1,160,345		
48	W / O Incentive	2020	160,978	5,139	155,839	21,315	18,849,332	587,090	18,262,243	2,481,846	1,160,345	36,815	1,123,530	153,420
49	W Incentive	2020	160,978	5,139	155,839	22,443	18,849,332	587,090	18,262,243	2,613,962	1,160,345	36,815	1,123,530	161,550

A Proj Rev Req w/o Incentive PCY*				19,462						2,264,326				140,056
B Proj Rev Req w/ Incentive PCY*				20,289						2,361,279				146,020
C Actual Rev Req w/o Incentive PCY*				21,315						2,481,846				153,420
D Actual Rev Req w/ Incentive PCY*				22,443						2,613,962				161,550
E TUA w/o Int w/ Incentive PCY (C-A)				1,853						217,520				13,364
F TUA w/o Int w/ Incentive PCY (B-D)				2,153						252,683				15,531
G Future Value Factor (1+) ⁿ /24 mo (ATT6)				1.00000						1.00000				1.00000
H True-Up Adjustment w/o Incentive (E*G)				1,853						217,520				13,364
I True-Up Adjustment w/ Incentive (F*G)				2,153						252,683				15,531

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O Incentive
 W Incentive

Virginia Electric and Power Company
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 (dollars)

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		Project U-2				Project V				Project W			
		Yes	b0453.2			Yes	b0337			Yes	b0467.2		
		40	Add Sowego - Gainsville 230 kV			40	Build Lexington 230kV ring bus			40	Reconductor the Dickerson - Pleasant View 230 kV circuit		
11 Schedule 12 (Yes or No)		10.2111%				10.2111%				10.2111%			
12 Life		1.25				1.25				1.25			
13 FCR W/O Incentive Line 3		10.9231%				10.9231%				10.9231%			
14 Incentive Factor (Basis Points / 100)		13,559,633				6,389,531				5,249,379			
15 FCR W Incentive L.13 +(L.14*L.5)		338,991				159,738				131,234			
16 Investment		5				3				6			
17 Annual Depreciation Exp													
18 In Service Month (1-12)													
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O Incentive	2006											
21	W Incentive	2006											
22	W / O Incentive	2007											
23	W Incentive	2007											
24	W / O Incentive	2008											
25	W Incentive	2008											
26	W / O Incentive	2009				6,389,531	99,184	6,290,347					
27	W Incentive	2009				6,389,531	99,184	6,290,347					
28	W / O Incentive	2010				6,290,347	125,285	6,165,062					
29	W Incentive	2010				6,290,347	125,285	6,165,062					
30	W / O Incentive	2011				6,165,062	125,285	6,039,777		5,249,379	55,753	5,193,626	
31	W Incentive	2011				6,165,062	125,285	6,039,777		5,249,379	55,753	5,193,626	
32	W / O Incentive	2012	13,559,633	166,172	13,393,461	6,039,777	125,285	5,914,492		5,193,626	102,929	5,090,697	
33	W Incentive	2012	13,559,633	166,172	13,393,461	6,039,777	125,285	5,914,492		5,193,626	102,929	5,090,697	
34	W / O Incentive	2013	13,393,461	302,974	13,090,487	5,914,492	142,767	5,771,726		5,090,697	117,291	4,973,406	
35	W Incentive	2013	13,393,461	302,974	13,090,487	5,914,492	142,767	5,771,726		5,090,697	117,291	4,973,406	
36	W / O Incentive	2014	13,090,487	315,340	12,775,147	5,771,726	148,594	5,623,132		4,973,406	122,079	4,851,327	
37	W Incentive	2014	13,090,487	315,340	12,775,147	5,771,726	148,594	5,623,132		4,973,406	122,079	4,851,327	
38	W / O Incentive	2015	12,775,147	315,340	12,459,806	5,623,132	148,594	5,474,538		4,851,327	122,079	4,729,248	
39	W Incentive	2015	12,775,147	315,340	12,459,806	5,623,132	148,594	5,474,538		4,851,327	122,079	4,729,248	
40	W / O Incentive	2016	12,459,806	315,340	12,144,466	5,474,538	148,594	5,325,945		4,729,248	122,079	4,607,170	
41	W Incentive	2016	12,459,806	315,340	12,144,466	5,474,538	148,594	5,325,945		4,729,248	122,079	4,607,170	
42	W / O Incentive	2017	12,144,466	338,991	11,805,475	5,325,945	159,738	5,166,206		4,607,170	131,234	4,475,935	
43	W Incentive	2017	12,144,466	338,991	11,805,475	5,325,945	159,738	5,166,206		4,607,170	131,234	4,475,935	
44	W / O Incentive	2018	11,805,475	338,991	11,466,484	5,166,206	159,738	5,006,468		4,475,935	131,234	4,344,701	
45	W Incentive	2018	11,805,475	338,991	11,466,484	5,166,206	159,738	5,006,468		4,475,935	131,234	4,344,701	
46	W / O Incentive	2019	11,466,484	338,991	11,127,494	5,006,468	159,738	4,846,730		4,344,701	131,234	4,213,466	
47	W Incentive	2019	11,466,484	338,991	11,127,494	5,006,468	159,738	4,846,730		4,344,701	131,234	4,213,466	
48	W / O Incentive	2020	11,127,494	338,991	10,788,503	4,846,730	159,738	4,686,991	646,489	4,213,466	131,234	4,082,232	554,777
49	W Incentive	2020	11,127,494	338,991	10,788,503	4,846,730	159,738	4,686,991	680,428	4,213,466	131,234	4,082,232	584,309

A Proj Rev Req w/o Incentive PCY*				1,422,350				590,902					506,154
B Proj Rev Req w/ Incentive PCY*				1,485,040				615,769					527,826
C Actual Rev Req w/o Incentive PCY*				1,457,927				646,489					554,777
D Actual Rev Req w/ Incentive PCY*				1,535,947				680,428					584,309
E TUA w/o Int w/ Incentive PCY (C-A)				35,577				55,587					48,623
F TUA w/o Int w/ Incentive PCY (B-D)				50,907				64,659					56,483
G Future Value Factor (1+I) ²⁴ mo (ATT6)				1.00000				1.00000					1.00000
H True-Up Adjustment w/o Incentive (E*G)				35,577				55,587					48,623
I True-Up Adjustment w/ Incentive (F*G)				50,907				64,659					56,483

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O Incentive
 W Incentive

Virginia Electric and Power Company
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 (dollars)

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Line Number	Description (Yes or No)	Project X				Project AA - 1				Project AA - 1B			
		Yes	b0311	Yes	b0231	Yes	b0231	Yes	b0231				
11	Schedule 12	40		40		40		40		40		40	
12	Life	Reconductor Idylwood to Arlington		Reconductor Idylwood to Arlington		Install 500 kV breakers and		Install 500 kV breakers and		Install 500 kV breakers and		Install 500 kV breakers and	
13	FCR W/O incentive	230 kV		230 kV		500 kV bus work at Suffolk		500 kV bus work at Suffolk		500 kV bus work at Suffolk		500 kV bus work at Suffolk	
14	Incentive Factor (Basis Points / 100)	10.2111%		10.2111%		0		0		0		0	
15	FCR W incentive L.13 +(L.14*L.5)	10.9231%		10.2111%		10.2111%		10.2111%		10.2111%		10.2111%	
16	Investment	3,196,608		21,905,733		21,905,733		832,048		832,048		20,801	
17	Annual Depreciation Exp	79,915		547,643		547,643		20,801		20,801		11	
18	In Service Month (1-12)	8		11		11		11		11		11	
19													
20	W / O incentive												
21	W incentive												
22	W / O incentive												
23	W incentive												
24	W / O incentive												
25	W incentive												
26	W / O incentive	3,196,608	23,504	3,173,104		21,905,733	53,691	21,852,042					
27	W incentive	3,196,608	23,504	3,173,104		21,905,733	53,691	21,852,042					
28	W / O incentive	3,173,104	62,679	3,110,425		21,852,042	429,524	21,422,518					
29	W incentive	3,173,104	62,679	3,110,425		21,852,042	429,524	21,422,518					
30	W / O incentive	3,110,425	62,679	3,047,746		21,422,518	429,524	20,992,994					
31	W incentive	3,110,425	62,679	3,047,746		21,422,518	429,524	20,992,994					
32	W / O incentive	3,047,746	62,679	2,985,068		20,992,994	429,524	20,563,470					
33	W incentive	3,047,746	62,679	2,985,068		20,992,994	429,524	20,563,470					
34	W / O incentive	2,985,068	71,424	2,913,643		20,563,470	489,458	20,074,012					
35	W incentive	2,985,068	71,424	2,913,643		20,563,470	489,458	20,074,012					
36	W / O incentive	2,913,643	74,340	2,839,304		20,074,012	509,436	19,564,577					
37	W incentive	2,913,643	74,340	2,839,304		20,074,012	509,436	19,564,577					
38	W / O incentive	2,839,304	74,340	2,764,964		19,564,577	509,436	19,055,141					
39	W incentive	2,839,304	74,340	2,764,964		19,564,577	509,436	19,055,141					
40	W / O incentive	2,764,964	74,340	2,690,624		19,055,141	509,436	18,545,705					
41	W incentive	2,764,964	74,340	2,690,624		19,055,141	509,436	18,545,705					
42	W / O incentive	2,690,624	79,915	2,610,709		18,545,705	547,643	17,998,062		832,048	2,600	829,448	
43	W incentive	2,690,624	79,915	2,610,709		18,545,705	547,643	17,998,062		832,048	2,600	829,448	
44	W / O incentive	2,610,709	79,915	2,530,794		17,998,062	547,643	17,450,419		829,448	20,801	808,647	
45	W incentive	2,610,709	79,915	2,530,794		17,998,062	547,643	17,450,419		829,448	20,801	808,647	
46	W / O incentive	2,530,794	79,915	2,450,879		17,450,419	547,643	16,902,775		808,647	20,801	787,845	
47	W incentive	2,530,794	79,915	2,450,879		17,450,419	547,643	16,902,775		808,647	20,801	787,845	
48	W / O incentive	2,450,879	79,915	2,370,963	326,098	16,902,775	547,643	16,355,132	2,245,648	787,845	20,801	767,044	100,187
49	W incentive	2,450,879	79,915	2,370,963	343,263	16,902,775	547,643	16,355,132	2,245,648	787,845	20,801	767,044	100,187

A	Proj Rev Req w/o Incentive PCY*				297,955				2,050,552				220,742
B	Proj Rev Req w/ Incentive PCY*				310,536				2,050,552				220,742
C	Actual Rev Req w/o Incentive PCY*				326,098				2,245,648				100,187
D	Actual Rev Req w/ Incentive PCY*				343,263				2,245,648				100,187
E	TUA w/o Int w/ Incentive PCY (C-A)				28,143				195,096				(120,555)
F	TUA w/o Int w/ Incentive PCY (B-D)				32,727				195,096				(120,555)
G	Future Value Factor (1+I)^24 mo (ATT6)				1.00000				1.00000				1.00000
H	True-Up Adjustment w/o Incentive (E*G)				28,143				195,096				(120,555)
I	True-Up Adjustment w/ Incentive (F*G)				32,727				195,096				(120,555)

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W / O incentive
 W incentive

Virginia Electric and Power Company
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10	11 Schedule 12 (Yes or No)	Project AB-2				Project AC				Project AG				
		Yes	b0456	Yes	b0227	Yes	b0455	Beginning	Depreciation	Ending	Rev Req			
12	Life	40	Re-Conductor 9.4 miles of Edinburg -	40	ATTACHMENT H-16A	40	Add 2nd Endless Caverns 230/115kV transformer							
13	FCR W/O Incentive Line 3	10.2111%	Mt. Jackson 115 kV	10.2111%	Install 500/230 kV transformer at Bristers;	10.2111%	build new 230 kV Bristers- Gainesville circuit,							
14	Incentive Factor (Basis Points / 100)	0		0	upgrade two Loudoun - Brambleton circuits	0								
15	FCR W Incentive L.13 +(L.14*L.5)	10.2111%		10.2111%		10.2111%								
16	Investment	4,847,602		21,117,166		3,424,618								
17	Annual Depreciation Exp	121,190		527,929		85,615								
18	In Service Month (1-12)	11		6		5								
20	W / O Incentive		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
21	W Incentive													
22	W / O Incentive													
23	W Incentive													
24	W / O Incentive													
25	W Incentive													
26	W / O Incentive	4,847,602	11,881	4,835,721		21,117,166	224,284	20,892,882		3,424,618	41,968	3,382,650		
27	W Incentive	4,847,602	11,881	4,835,721		21,117,166	224,284	20,892,882		3,424,618	41,968	3,382,650		
28	W / O Incentive	4,835,721	95,051	4,740,670		20,892,882	414,062	20,478,820		3,382,650	67,149	3,315,500		
29	W Incentive	4,835,721	95,051	4,740,670		20,892,882	414,062	20,478,820		3,382,650	67,149	3,315,500		
30	W / O Incentive	4,740,670	95,051	4,645,619		20,478,820	414,062	20,064,758		3,315,500	67,149	3,248,351		
31	W Incentive	4,740,670	95,051	4,645,619		20,478,820	414,062	20,064,758		3,315,500	67,149	3,248,351		
32	W / O Incentive	4,645,619	95,051	4,550,568		20,064,758	414,062	19,650,696		3,248,351	67,149	3,181,202		
33	W Incentive	4,645,619	95,051	4,550,568		20,064,758	414,062	19,650,696		3,248,351	67,149	3,181,202		
34	W / O Incentive	4,550,568	108,314	4,442,254		19,650,696	471,838	19,178,858		3,181,202	76,519	3,104,682		
35	W Incentive	4,550,568	108,314	4,442,254		19,650,696	471,838	19,178,858		3,181,202	76,519	3,104,682		
36	W / O Incentive	4,442,254	112,735	4,329,519		19,178,858	491,097	18,687,761		3,104,682	79,642	3,025,040		
37	W Incentive	4,442,254	112,735	4,329,519		19,178,858	491,097	18,687,761		3,104,682	79,642	3,025,040		
38	W / O Incentive	4,329,519	112,735	4,216,784		18,687,761	491,097	18,196,664		3,025,040	79,642	2,945,398		
39	W Incentive	4,329,519	112,735	4,216,784		18,687,761	491,097	18,196,664		3,025,040	79,642	2,945,398		
40	W / O Incentive	4,216,784	112,735	4,104,049		18,196,664	491,097	17,705,567		2,945,398	79,642	2,865,756		
41	W Incentive	4,216,784	112,735	4,104,049		18,196,664	491,097	17,705,567		2,945,398	79,642	2,865,756		
42	W / O Incentive	4,104,049	121,190	3,982,859		17,705,567	527,929	17,177,638		2,865,756	85,615	2,780,140		
43	W Incentive	4,104,049	121,190	3,982,859		17,705,567	527,929	17,177,638		2,865,756	85,615	2,780,140		
44	W / O Incentive	3,982,859	121,190	3,861,669		17,177,638	527,929	16,649,709		2,780,140	85,615	2,694,525		
45	W Incentive	3,982,859	121,190	3,861,669		17,177,638	527,929	16,649,709		2,780,140	85,615	2,694,525		
46	W / O Incentive	3,861,669	121,190	3,740,479		16,649,709	527,929	16,121,780		2,694,525	85,615	2,608,909		
47	W Incentive	3,861,669	121,190	3,740,479		16,649,709	527,929	16,121,780		2,694,525	85,615	2,608,909		
48	W / O Incentive	3,740,479	121,190	3,619,289	496,948	16,121,780	527,929	15,593,851	2,147,192	2,608,909	85,615	2,523,294	347,643	
49	W Incentive	3,740,479	121,190	3,619,289	496,948	16,121,780	527,929	15,593,851	2,147,192	2,608,909	85,615	2,523,294	347,643	

A Proj Rev Req w/o Incentive PCY*		454,976				1,962,158				317,708
B Proj Rev Req w/ Incentive PCY*		454,976				1,962,158				317,708
C Actual Rev Req w/o Incentive PCY*		496,948				2,147,192				347,643
D Actual Rev Req w/ Incentive PCY*		496,948				2,147,192				347,643
E TUA w/o Int w/ Incentive PCY (C-A)		41,972				185,033				29,936
F TUA w/o Int w/ Incentive PCY (B-D)		41,972				185,033				29,936
G Future Value Factor (1+) ²⁴ mo (ATT6)		1.00000				1.00000				1.00000
H True-Up Adjustment w/o Incentive (E*G)		41,972				185,033				29,936
I True-Up Adjustment w/ Incentive (F*G)		41,972				185,033				29,936

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O Incentive
 W Incentive

Virginia Electric and Power Company
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 (dollars)

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10	11 Schedule 12 (Yes or No)	2009 Add-1				2009 Add-6				Project AJ			
		Yes	B0453.3	40	Add Soweigo 230/115/ kV transformer	Yes	B0837	40	At Mt. Storm, replace the existing MOD on the 500 kV side of the transformer with a circuit breaker	Yes	B0327	40	Build 2nd Harrisonburg - Valley 230 kV
12	Life	10.2111%				10.2111%				10.2111%			
13	FCR W/O incentive Line 3	1.25				0				0			
14	Incentive Factor (Basis Points /100)												
15	FCR W incentive L.13 +(L.14*L.5)	10.9231%				10.2111%				10.2111%			
16	Investment	3,355,513				779,172				6,179,070			
17	Annual Depreciation Exp	83,888				19,479				154,477			
18	In Service Month (1-12)	9				6				7			
19													
20	W / O incentive												
21	W incentive												
22	W / O incentive												
23	W incentive												
24	W / O incentive												
25	W incentive												
26	W / O incentive	3,355,513	19,190	3,336,323		779,172	8,276	770,896					
27	W incentive	3,355,513	19,190	3,336,323		779,172	8,276	770,896					
28	W / O incentive	3,336,323	65,794	3,270,529		770,896	15,278	755,619		6,179,070	55,531	6,123,539	
29	W incentive	3,336,323	65,794	3,270,529		770,896	15,278	755,619		6,179,070	55,531	6,123,539	
30	W / O incentive	3,270,529	65,794	3,204,734		755,619	15,278	740,341		6,123,539	121,158	6,002,381	
31	W incentive	3,270,529	65,794	3,204,734		755,619	15,278	740,341		6,123,539	121,158	6,002,381	
32	W / O incentive	3,204,734	65,794	3,138,940		740,341	15,278	725,063		6,002,381	121,158	5,881,222	
33	W incentive	3,204,734	65,794	3,138,940		740,341	15,278	725,063		6,002,381	121,158	5,881,222	
34	W / O incentive	3,138,940	74,975	3,063,965		725,063	17,410	707,653		5,881,222	138,064	5,743,158	
35	W incentive	3,138,940	74,975	3,063,965		725,063	17,410	707,653		5,881,222	138,064	5,743,158	
36	W / O incentive	3,063,965	78,035	2,985,930		707,653	18,120	689,533		5,743,158	143,699	5,599,459	
37	W incentive	3,063,965	78,035	2,985,930		707,653	18,120	689,533		5,743,158	143,699	5,599,459	
38	W / O incentive	2,985,930	78,035	2,907,895		689,533	18,120	671,413		5,599,459	143,699	5,455,760	
39	W incentive	2,985,930	78,035	2,907,895		689,533	18,120	671,413		5,599,459	143,699	5,455,760	
40	W / O incentive	2,907,895	78,035	2,829,859		671,413	18,120	653,292		5,455,760	143,699	5,312,060	
41	W incentive	2,907,895	78,035	2,829,859		671,413	18,120	653,292		5,455,760	143,699	5,312,060	
42	W / O incentive	2,829,859	83,888	2,745,971		653,292	19,479	633,813		5,312,060	154,477	5,157,584	
43	W incentive	2,829,859	83,888	2,745,971		653,292	19,479	633,813		5,312,060	154,477	5,157,584	
44	W / O incentive	2,745,971	83,888	2,662,084		633,813	19,479	614,334		5,157,584	154,477	5,003,107	
45	W incentive	2,745,971	83,888	2,662,084		633,813	19,479	614,334		5,157,584	154,477	5,003,107	
46	W / O incentive	2,662,084	83,888	2,578,196		614,334	19,479	594,854		5,003,107	154,477	4,848,630	
47	W incentive	2,662,084	83,888	2,578,196		614,334	19,479	594,854		5,003,107	154,477	4,848,630	
48	W / O incentive	2,578,196	83,888	2,494,308	342,868	594,854	19,479	575,375	79,226	4,848,630	154,477	4,694,153	641,690
49	W incentive	2,578,196	83,888	2,494,308	360,926	594,854	19,479	575,375	79,226	4,848,630	154,477	4,694,153	641,690

A Proj Rev Req w/o Incentive PCY*					313,256					72,399				588,937
B Proj Rev Req w/ Incentive PCY*					326,492					72,399				588,937
C Actual Rev Req w/o Incentive PCY*					342,868					79,226				641,690
D Actual Rev Req w/ Incentive PCY*					360,926					79,226				641,690
E TUA w/o Int w/ Incentive PCY (C-A)					29,612					6,827				52,753
F TUA w/o Int w/ Incentive PCY (B-D)					34,434					6,827				52,753
G Future Value Factor (1+) ⁿ /24 mo (ATT6)					1.00000					1.00000				1.00000
H True-Up Adjustment w/o Incentive (E*G)					29,612					6,827				52,753
I True-Up Adjustment w/ Incentive (F*G)					34,434					6,827				52,753

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W / O incentive
 W incentive

Virginia Electric and Power Company
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		Project AK-1				Project AK-2				Project AK-3			
		Yes	B1507			Yes	B1507			Yes	B1507		
10		40				40				40			
11	Schedule 12 (Yes or No)		Rebuild Mt Storm - Doubs 500 kV			Rebuild Mt Storm - Doubs 500 kV			Rebuild Mt. Storm-Doubs 500 kV				
12	Life	10.2111%				10.2111%				10.2111%			
13	FCR W/O incentive Line 3	0				0				0			
14	Incentive Factor (Basis Points / 100)	10.2111%				10.2111%				10.2111%			
15	FCR W incentive L.13 +(L.14*L.5)	23,947,642				21,791,010				120,381,556			
16	Investment	598,691				544,775				3,009,539			
17	Annual Depreciation Exp	12				5				5			
18	In Service Month (1-12)												
19													
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011	23,947,642	19,565	23,928,077									
31	W incentive 2011	23,947,642	19,565	23,928,077									
32	W / O incentive 2012	23,928,077	469,562	23,458,515		21,791,010	267,047	21,523,963					
33	W incentive 2012	23,928,077	469,562	23,458,515		21,791,010	267,047	21,523,963					
34	W / O incentive 2013	23,458,515	535,082	22,923,433		21,523,963	486,894	21,037,069		120,381,556	1,749,732	118,631,824	
35	W incentive 2013	23,458,515	535,082	22,923,433		21,523,963	486,894	21,037,069		120,381,556	1,749,732	118,631,824	
36	W / O incentive 2014	22,923,433	556,922	22,366,512		21,037,069	506,768	20,530,301		118,631,824	2,799,571	115,832,253	
37	W incentive 2014	22,923,433	556,922	22,366,512		21,037,069	506,768	20,530,301		118,631,824	2,799,571	115,832,253	
38	W / O incentive 2015	22,366,512	556,922	21,809,590		20,530,301	506,768	20,023,534		115,832,253	2,799,571	113,032,682	
39	W incentive 2015	22,366,512	556,922	21,809,590		20,530,301	506,768	20,023,534		115,832,253	2,799,571	113,032,682	
40	W / O incentive 2016	21,809,590	556,922	21,252,668		20,023,534	506,768	19,516,766		113,032,682	2,799,571	110,233,111	
41	W incentive 2016	21,809,590	556,922	21,252,668		20,023,534	506,768	19,516,766		113,032,682	2,799,571	110,233,111	
42	W / O incentive 2017	21,252,668	598,691	20,653,977		19,516,766	544,775	18,971,991		110,233,111	3,009,539	107,223,572	
43	W incentive 2017	21,252,668	598,691	20,653,977		19,516,766	544,775	18,971,991		110,233,111	3,009,539	107,223,572	
44	W / O incentive 2018	20,653,977	598,691	20,055,286		18,971,991	544,775	18,427,215		107,223,572	3,009,539	104,214,033	
45	W incentive 2018	20,653,977	598,691	20,055,286		18,971,991	544,775	18,427,215		107,223,572	3,009,539	104,214,033	
46	W / O incentive 2019	20,055,286	598,691	19,456,595		18,427,215	544,775	17,882,440		104,214,033	3,009,539	101,204,494	
47	W incentive 2019	20,055,286	598,691	19,456,595		18,427,215	544,775	17,882,440		104,214,033	3,009,539	101,204,494	
48	W / O incentive 2020	19,456,595	598,691	18,857,904	2,554,863	17,882,440	544,775	17,337,665	2,342,961	101,204,494	3,009,539	98,194,955	13,190,010
49	W incentive 2020	19,456,595	598,691	18,857,904	2,554,863	17,882,440	544,775	17,337,665	2,342,961	101,204,494	3,009,539	98,194,955	13,190,010

A	Proj Rev Req w/o Incentive PCY*				2,330,049				2,136,121				12,016,532
B	Proj Rev Req w/ Incentive PCY*				2,330,049				2,136,121				12,016,532
C	Actual Rev Req w/o Incentive PCY*				2,554,863				2,342,961				13,190,010
D	Actual Rev Req w/ Incentive PCY*				2,554,863				2,342,961				13,190,010
E	TUA w/o Int w/ Incentive PCY (C-A)				224,814				206,840				1,173,478
F	TUA w/o Int w/ Incentive PCY (B-D)				224,814				206,840				1,173,478
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1,00000				1,00000				1,00000
H	True-Up Adjustment w/o Incentive (E*G)				224,814				206,840				1,173,478
I	True-Up Adjustment w/ Incentive (F*G)				224,814				206,840				1,173,478

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W / O incentive
 W incentive

Virginia Electric and Power Company
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		Project AK-4				Project AK-5				Project AK-6			
		B1507				B1507				B1507			
		Rebuild Mt. Storm-Doubs 500 kV				Rebuild Mt. Storm-Doubs 500 kV				Rebuild Mt. Storm-Doubs 500 kV			
10		Yes			Yes			Yes					
11	Schedule 12 (Yes or No)	40			40			40					
12	Life	10.2111%			10.2111%			10.2111%					
13	FCR W/O incentive Line 3	0			0			0					
14	Incentive Factor (Basis Points / 100)	10.2111%			10.2111%			10.2111%					
15	FCR W incentive L.13 +(L.14*L.5)	150,057,664			15,370,002			515,816					
16	Investment	3,751,442			384,250			12,895					
17	Annual Depreciation Exp	5			5			6					
18	In Service Month (1-12)												
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014	150,057,664	2,181,071	147,876,593									
37	W incentive 2014	150,057,664	2,181,071	147,876,593									
38	W / O incentive 2015	147,876,593	3,489,713	144,386,880									
39	W incentive 2015	147,876,593	3,489,713	144,386,880	15,370,002	223,401	15,146,601						
40	W / O incentive 2016	144,386,880	3,489,713	140,897,167	15,370,002	223,401	15,146,601						
41	W incentive 2016	144,386,880	3,489,713	140,897,167	15,146,601	357,442	14,789,159	515,816	6,498	509,318			
42	W / O incentive 2017	140,897,167	3,751,442	137,145,725	15,146,601	357,442	14,789,159	515,816	6,498	509,318			
43	W incentive 2017	140,897,167	3,751,442	137,145,725	14,789,159	384,250	14,404,909	509,318	12,895	496,423			
44	W / O incentive 2018	137,145,725	3,751,442	133,394,284	14,789,159	384,250	14,404,909	509,318	12,895	496,423			
45	W incentive 2018	137,145,725	3,751,442	133,394,284	14,404,909	384,250	14,020,659	496,423	12,895	483,528			
46	W / O incentive 2019	133,394,284	3,751,442	129,642,842	14,404,909	384,250	14,020,659	496,423	12,895	483,528			
47	W incentive 2019	133,394,284	3,751,442	129,642,842	14,020,659	384,250	13,636,409	483,528	12,895	470,632			
48	W / O incentive 2020	129,642,842	3,751,442	125,891,401	14,020,659	384,250	13,252,159	470,632	12,895	457,737	60,294		
49	W incentive 2020	129,642,842	3,751,442	125,891,401	16,797,912			1,757,064			60,294		

A	Proj Rev Req w/o Incentive PCY*				15,290,628				1,698,280				54,794
B	Proj Rev Req w/ Incentive PCY*				15,290,628				1,698,280				54,794
C	Actual Rev Req w/o Incentive PCY*				16,797,912				1,757,064				60,294
D	Actual Rev Req w/ Incentive PCY*				16,797,912				1,757,064				60,294
E	TUA w/o Int w/ Incentive PCY (C-A)				1,507,284				58,784				5,500
F	TUA w/o Int w/ Incentive PCY (B-D)				1,507,284				58,784				5,500
G	Future Value Factor (1+i)^24 mo (ATT6)				1.00000				1.00000				1.00000
H	True-Up Adjustment w/o Incentive (E*G)				1,507,284				58,784				5,500
I	True-Up Adjustment w/ Incentive (F*G)				1,507,284				58,784				5,500

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W / O incentive
 W incentive

Virginia Electric and Power Company
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		Project AL				Project AM				Project AO-1			
		Yes	B0457			Yes	B0784			Yes	B1224		
10		40	Replace both wave traps on			40	Replace wave traps on North Anna to			40	Install 2nd Clover 500/230		
11	Schedule 12 (Yes or No)	10.2111%	Dooms - Lexington 500 kV			10.2111%	Ladysmith 500 kV			10.2111%	kV transformer and a 150		
12	Life	0				0				0	MVA capacitor		
13	FCR W/O incentive Line 3	10.2111%				10.2111%				10.2111%			
14	Incentive Factor (Basis Points / 100)	0				0				0			
15	FCR W incentive L.13 +(L.14*L.5)	10.2111%				10.2111%				10.2111%			
16	Investment	108,763				75,695				13,419,133			
17	Annual Depreciation Exp	2,719				1,892				335,478			
18	In Service Month (1-12)	12				10				4			
19													
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011	108,763	89	108,674		75,695	309	75,386					
31	W incentive 2011	108,763	89	108,674		75,695	309	75,386					
32	W / O incentive 2012	108,674	2,133	106,542		75,386	1,484	73,902					
33	W incentive 2012	108,674	2,133	106,542		75,386	1,484	73,902					
34	W / O incentive 2013	106,542	2,430	104,111		73,902	1,691	72,210		13,419,133	221,052	13,198,081	
35	W incentive 2013	106,542	2,430	104,111		73,902	1,691	72,210		13,419,133	221,052	13,198,081	
36	W / O incentive 2014	104,111	2,529	101,582		72,210	1,760	70,450		13,198,081	312,073	12,886,009	
37	W incentive 2014	104,111	2,529	101,582		72,210	1,760	70,450		13,198,081	312,073	12,886,009	
38	W / O incentive 2015	101,582	2,529	99,053		70,450	1,760	68,690		12,886,009	312,073	12,573,936	
39	W incentive 2015	101,582	2,529	99,053		70,450	1,760	68,690		12,886,009	312,073	12,573,936	
40	W / O incentive 2016	99,053	2,529	96,523		68,690	1,760	66,929		12,573,936	312,073	12,261,863	
41	W incentive 2016	99,053	2,529	96,523		68,690	1,760	66,929		12,573,936	312,073	12,261,863	
42	W / O incentive 2017	96,523	2,719	93,804		66,929	1,892	65,037		12,261,863	335,478	11,926,384	
43	W incentive 2017	96,523	2,719	93,804		66,929	1,892	65,037		12,261,863	335,478	11,926,384	
44	W / O incentive 2018	93,804	2,719	91,085		65,037	1,892	63,144		11,926,384	335,478	11,590,906	
45	W incentive 2018	93,804	2,719	91,085		65,037	1,892	63,144		11,926,384	335,478	11,590,906	
46	W / O incentive 2019	91,085	2,719	88,366		63,144	1,892	61,252		11,590,906	335,478	11,255,428	
47	W incentive 2019	91,085	2,719	88,366		63,144	1,892	61,252		11,590,906	335,478	11,255,428	
48	W / O incentive 2020	88,366	2,719	85,647	11,603	61,252	1,892	59,360	8,050	11,255,428	335,478	10,919,950	1,467,657
49	W incentive 2020	88,366	2,719	85,647	11,603	61,252	1,892	59,360	8,050	11,255,428	335,478	10,919,950	1,467,657

A Proj Rev Req w/o Incentive PCY*					10,582				7,343				1,411,055
B Proj Rev Req w/ Incentive PCY*					10,582				7,343				1,411,055
C Actual Rev Req w/o Incentive PCY*					11,603				8,050				1,467,657
D Actual Rev Req w/ Incentive PCY*					11,603				8,050				1,467,657
E TUA w/o Int w/ Incentive PCY (C-A)					1,021				707				56,602
F TUA w/o Int w/ Incentive PCY (B-D)					1,021				707				56,602
G Future Value Factor (1+) ²⁴ mo (ATT6)					1.00000				1.00000				1.00000
H True-Up Adjustment w/o Incentive (E*G)					1,021				707				56,602
I True-Up Adjustment w/ Incentive (F*G)					1,021				707				56,602

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O incentive
 W incentive

Virginia Electric and Power Company
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 (dollars)

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		Project AO-2				Project AP-1				Project AP-2			
		Yes	B1224			Yes	B1508.3			Yes	B1508.3		
11 Schedule 12 (Yes or No)		40	Install 2nd Clover 500/230			40	Upgrade a 115 kV shunt capacitor banks at Merck and Edinburg			40	Upgrade a 115 kV shunt capacitor banks at Merck and Edinburg		
12 Life		10.2111%				10.2111%				10.2111%			
13 FCR W/O incentive Line 3		0	kV transformer and a 150			0	MVAr capacitor			0			
14 Incentive Factor (Basis Points / 100)		10.2111%				10.2111%	Merck			10.2111%	Edinburg		
15 FCR W incentive L.13 +(L.14*L.5)		1,022,795				501,754				734,802			
16 Investment		25,570				12,544				18,370			
17 Annual Depreciation Exp		9				7				2			
18 In Service Month (1-12)													
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive												
21	W incentive												
22	W / O incentive												
23	W incentive												
24	W / O incentive												
25	W incentive												
26	W / O incentive												
27	W incentive												
28	W / O incentive												
29	W incentive												
30	W / O incentive												
31	W incentive												
32	W / O incentive												
33	W incentive												
34	W / O incentive												
35	W incentive												
36	W / O incentive												
37	W incentive												
38	W / O incentive												
39	W incentive												
40	W / O incentive												
41	W incentive												
42	W / O incentive												
43	W incentive												
44	W / O incentive												
45	W incentive												
46	W / O incentive												
47	W incentive												
48	W / O incentive	1,022,795	7,458	1,015,337	37,808	413,396	12,544	400,852	54,116	599,401	18,370	581,031	78,638
49	W incentive	1,022,795	7,458	1,015,337	37,808	413,396	12,544	400,852	54,116	599,401	18,370	581,031	78,638

A Proj Rev Req w/o Incentive PCY*	-	50,242	68,909
B Proj Rev Req w/ Incentive PCY*	-	50,242	68,909
C Actual Rev Req w/o Incentive PCY*	37,808	54,116	78,638
D Actual Rev Req w/ Incentive PCY*	37,808	54,116	78,638
E TUA w/o Int w/ Incentive PCY (C-A)	37,808	3,874	9,729
F TUA w/o Int w/ Incentive PCY (B-D)	37,808	3,874	9,729
G Future Value Factor (1+) ²⁴ mo (ATT6)	1.00000	1.00000	1.00000
H True-Up Adjustment w/o Incentive (E*G)	37,808	3,874	9,729
I True-Up Adjustment w/ Incentive (F*G)	37,808	3,874	9,729

TUA = True-Up Adjusment
 PCY = Previous Calendar Year

W / O incentive
 W incentive

Virginia Electric and Power Company
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Line Number	Description	Project AQ				Project AR				Project AS			
		Yes	B1647	Yes	B1648	Yes	B1649	Yes	B1649				
10													
11	Schedule 12 (Yes or No)	40			40				40				
12	Life	10.2111%	Upgrade the name plate rating at Morrisville 500 kV breaker 'H1T573' with 50kA breaker		10.2111%	Upgrade the name plate rating at Morrisville 500 kV breaker 'H2T545' with 50kA breaker			10.2111%	Replace Morrisville 500 kV breaker 'H1T580' with 50kA breaker			
13	FCR W/O Incentive Line 3	0			0				0				
14	Incentive Factor (Basis Points / 100)	10.2111%			10.2111%				10.2111%				
15	FCR W Incentive L.13 +(L.14*L.5)	16,278			16,278				858,877				
16	Investment	407			407				21,472				
17	Annual Depreciation Exp	1			1				1				
18	In Service Month (1-12)												
19													
20	W / O Incentive 2006												
21	W Incentive 2006												
22	W / O Incentive 2007												
23	W Incentive 2007												
24	W / O Incentive 2008												
25	W Incentive 2008												
26	W / O Incentive 2009												
27	W Incentive 2009												
28	W / O Incentive 2010												
29	W Incentive 2010												
30	W / O Incentive 2011												
31	W Incentive 2011												
32	W / O Incentive 2012												
33	W Incentive 2012												
34	W / O Incentive 2013	16,278	350	15,928	16,278	350	15,928	858,877	18,489	840,388			
35	W Incentive 2013	16,278	350	15,928	16,278	350	15,928	858,877	18,489	840,388			
36	W / O Incentive 2014	15,928	379	15,549	15,928	379	15,549	840,388	19,974	820,414			
37	W Incentive 2014	15,928	379	15,549	15,928	379	15,549	840,388	19,974	820,414			
38	W / O Incentive 2015	15,549	379	15,170	15,549	379	15,170	820,414	19,974	800,440			
39	W Incentive 2015	15,549	379	15,170	15,549	379	15,170	820,414	19,974	800,440			
40	W / O Incentive 2016	15,170	379	14,792	15,170	379	14,792	800,440	19,974	780,466			
41	W Incentive 2016	15,170	379	14,792	15,170	379	14,792	800,440	19,974	780,466			
42	W / O Incentive 2017	14,792	407	14,385	14,792	407	14,385	780,466	21,472	758,995			
43	W Incentive 2017	14,792	407	14,385	14,792	407	14,385	780,466	21,472	758,995			
44	W / O Incentive 2018	14,385	407	13,978	14,385	407	13,978	758,995	21,472	737,523			
45	W Incentive 2018	14,385	407	13,978	14,385	407	13,978	758,995	21,472	737,523			
46	W / O Incentive 2019	13,978	407	13,571	13,978	407	13,571	737,523	21,472	716,051			
47	W Incentive 2019	13,978	407	13,571	13,978	407	13,571	737,523	21,472	716,051			
48	W / O Incentive 2020	13,571	407	13,164	13,571	407	13,164	716,051	21,472	694,579	93,493		
49	W Incentive 2020	13,571	407	13,164	13,571	407	13,164	716,051	21,472	694,579	93,493		

A Proj Rev Req w/o Incentive PCY*				1,615				1,615				85,197
B Proj Rev Req w/ Incentive PCY*				1,615				1,615				85,197
C Actual Rev Req w/o Incentive PCY*				1,772				1,772				93,493
D Actual Rev Req w/ Incentive PCY*				1,772				1,772				93,493
E TUA w/o Int w/ Incentive PCY (C-A)				157				157				8,296
F TUA w/o Int w/ Incentive PCY (B-D)				157				157				8,296
G Future Value Factor (1+) ²⁴ mo (ATT6)				1.00000				1.00000				1,00000
H True-Up Adjustment w/o Incentive (E*G)				157				157				8,296
I True-Up Adjustment w/ Incentive (F*G)				157				157				8,296

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O Incentive
 W Incentive

Virginia Electric and Power Company
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 (dollars)

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10	11 Schedule 12 (Yes or No)	Project AT				Project AU-1				Project AU-2				
		Yes	B1650	Yes	B1188.6	Yes	B1188.6	Yes	B1188.6					
12	Life	40	Replace Morrisville 500 kV breaker 'H2T569' with 50kA breaker	40	Install one 500/230 kV transformer and two 230 kV breakers at Brambleton	40	Install one 500/230 kV transformer and two 230 kV breakers at Brambleton	40	Install one 500/230 kV transformer and two 230 kV breakers at Brambleton	10.2111%	10.2111%	10.2111%	10.2111%	
13	FCR W/O Incentive Line 3	10.2111%		10.2111%		10.2111%		10.2111%		10.2111%		10.2111%		
14	Incentive Factor (Basis Points / 100)	0		0		0		0		0		0		
15	FCR W Incentive L.13 +(L.14*L.5)	10.2111%		10.2111%		10.2111%		10.2111%		10.2111%		10.2111%		
16	Investment	858,877		235,892		235,892		15,547,555		15,547,555		388,689		
17	Annual Depreciation Exp	21,472		5,897		5,897		388,689		388,689		12		
18	In Service Month (1-12)	1		6		6		12		12				
19														
20	W / O Incentive	2006	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
21	W Incentive	2006												
22	W / O Incentive	2007					235,892	2,505	233,387					
23	W Incentive	2007					235,892	2,505	233,387					
24	W / O Incentive	2008					233,387	5,271	228,116		15,547,555	15,065	15,532,489	
25	W Incentive	2008	858,877	18,489	840,388		233,387	5,271	228,116		15,547,555	15,065	15,532,489	
26	W / O Incentive	2009	858,877	18,489	840,388		233,387	5,271	228,116		15,547,555	15,065	15,532,489	
27	W Incentive	2009	840,388	19,974	820,414		228,116	5,486	222,630		15,532,489	361,571	15,170,918	
28	W / O Incentive	2010	840,388	19,974	820,414		228,116	5,486	222,630		15,532,489	361,571	15,170,918	
29	W Incentive	2010	820,414	19,974	800,440		222,630	5,486	217,144		15,170,918	361,571	14,809,347	
30	W / O Incentive	2011	820,414	19,974	800,440		222,630	5,486	217,144		15,170,918	361,571	14,809,347	
31	W Incentive	2011	800,440	19,974	780,466		217,144	5,486	211,658		14,809,347	361,571	14,447,776	
32	W / O Incentive	2012	800,440	19,974	780,466		217,144	5,486	211,658		14,809,347	361,571	14,447,776	
33	W Incentive	2012	780,466	21,472	758,995		211,658	5,897	205,761		14,447,776	388,689	14,059,087	
34	W / O Incentive	2013	780,466	21,472	758,995		211,658	5,897	205,761		14,447,776	388,689	14,059,087	
35	W Incentive	2013	758,995	21,472	737,523		205,761	5,897	199,864		14,059,087	388,689	13,670,399	
36	W / O Incentive	2014	758,995	21,472	737,523		205,761	5,897	199,864		14,059,087	388,689	13,670,399	
37	W Incentive	2014	737,523	21,472	716,051		199,864	5,897	193,966		13,670,399	388,689	13,281,710	
38	W / O Incentive	2015	737,523	21,472	716,051		199,864	5,897	193,966		13,670,399	388,689	13,281,710	
39	W Incentive	2015	716,051	21,472	694,579	93,493	193,966	5,897	188,069	25,402	13,281,710	388,689	12,893,021	1,725,057
40	W / O Incentive	2020	716,051	21,472	694,579	93,493	193,966	5,897	188,069	25,402	13,281,710	388,689	12,893,021	1,725,057
41	W Incentive	2020	716,051	21,472	694,579	93,493	193,966	5,897	188,069	25,402	13,281,710	388,689	12,893,021	1,725,057

A Proj Rev Req w/o Incentive PCY*	85,197	23,158	1,689,041
B Proj Rev Req w/ Incentive PCY*	85,197	23,158	1,689,041
C Actual Rev Req w/o Incentive PCY*	93,493	25,402	1,725,057
D Actual Rev Req w/ Incentive PCY*	93,493	25,402	1,725,057
E TUA w/o Int w/ Incentive PCY (C-A)	8,296	2,244	36,016
F TUA w/o Int w/ Incentive PCY (B-D)	8,296	2,244	36,016
G Future Value Factor (1+) ²⁴ mo (ATT6)	1.00000	1.00000	1.00000
H True-Up Adjustment w/o Incentive (E*G)	8,296	2,244	36,016
I True-Up Adjustment w/ Incentive (F*G)	8,296	2,244	36,016

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W / O Incentive
 W Incentive

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		Project AU-3				Project AV-1				Project AV-2			
		Yes	B1188.6			Yes	B1188			Yes	B1188		
10		40	Install one 500/230 kV			40	Build new Brambleton 500 kV three			40	Build new Brambleton 500 kV three ring bus		
11	Schedule 12 (Yes or No)	10.2111%	transformer and two 230 kV breakers			10.2111%	ring bus connected to the Loudoun			10.2111%	connected to the Loudoun to Pleasant View		
12	Life	0	at Brambleton			0	to Pleasant View 500 kV line			0	500 kV line		
13	FCR W/O incentive Line 3	10.2111%				10.2111%				10.2111%			
14	Incentive Factor (Basis Points / 100)	0				0				0			
15	FCR W incentive L.13 +(L.14*L.5)	10.2111%				10.2111%				10.2111%			
16	Investment	982,054				-				1,480,947			
17	Annual Depreciation Exp	24,551				-				37,024			
18	In Service Month (1-12)	10				-				1			
19													
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014									1,480,947	33,006	1,447,941	
37	W incentive 2014									1,480,947	33,006	1,447,941	
38	W / O incentive 2015									1,447,941	34,441	1,413,500	
39	W incentive 2015									1,447,941	34,441	1,413,500	
40	W / O incentive 2016									1,413,500	34,441	1,379,060	
41	W incentive 2016									1,413,500	34,441	1,379,060	
42	W / O incentive 2017									1,379,060	37,024	1,342,036	
43	W incentive 2017									1,379,060	37,024	1,342,036	
44	W / O incentive 2018									1,342,036	37,024	1,305,013	
45	W incentive 2018									1,342,036	37,024	1,305,013	
46	W / O incentive 2019									1,305,013	37,024	1,267,989	
47	W incentive 2019									1,305,013	37,024	1,267,989	
48	W / O incentive 2020	982,054	5,115	976,939	25,952	-	-	-	-	1,267,989	37,024	1,230,965	164,609
49	W incentive 2020	982,054	5,115	976,939	25,952	-	-	-	-	1,267,989	37,024	1,230,965	164,609

A	Proj Rev Req w/o Incentive PCY*	-	-	-	-	-	-	-	-	-	-	-	160,259
B	Proj Rev Req w/ Incentive PCY*	-	-	-	-	-	-	-	-	-	-	-	160,259
C	Actual Rev Req w/o Incentive PCY*	-	-	-	25,952	-	-	-	-	-	-	-	164,609
D	Actual Rev Req w/ Incentive PCY*	-	-	-	25,952	-	-	-	-	-	-	-	164,609
E	TUA w/o Int w/o Incentive PCY (C-A)	-	-	-	25,952	-	-	-	-	-	-	-	4,350
F	TUA w/o Int w/ Incentive PCY (B-D)	-	-	-	25,952	-	-	-	-	-	-	-	4,350
G	Future Value Factor (1+) ²⁴ mo (ATT6)	-	-	-	1.00000	-	-	-	-	1.00000	-	-	1.00000
H	True-Up Adjustment w/o Incentive (E*G)	-	-	-	25,952	-	-	-	-	-	-	-	4,350
I	True-Up Adjustment w/ Incentive (F*G)	-	-	-	25,952	-	-	-	-	-	-	-	4,350

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W / O incentive
 W incentive

Virginia Electric and Power Company
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Line Number	Description	Project AW				Project AX-1				Project AX-2			
		Yes	B1698.1	Yes	B1321	Yes	B1321	Yes	B1321				
11	Schedule 12 (Yes or No)	40	Install a 500 kV breaker at Brambleton	40	Build a new 230 kV line North Anna – Oak Green and install a 224 MVA 230/115 kV transformer at Oak Green	40	Build a new 230 kV line North Anna – Oak Green and install a 224 MVA 230/115 kV transformer at Oak Green	40	Build a new 230 kV line North Anna – Oak Green and install a 224 MVA 230/115 kV transformer at Oak Green				
12	Life	10.2111%		10.2111%		10.2111%		10.2111%					
13	FCR W/O Incentive Line 3	0		0		0		0					
14	Incentive Factor (Basis Points / 100)	10.2111%		10.2111%		10.2111%		10.2111%					
15	FCR W Incentive L.13 +(L.14*L.5)	-		-		-		-					
16	Investment	-		31,931,622		6,368,620		6,368,620					
17	Annual Depreciation Exp	-		798,291		159,216		159,216					
18	In Service Month (1-12)			3		6		6					
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O Incentive 2006												
21	W Incentive 2006												
22	W / O Incentive 2007												
23	W Incentive 2007												
24	W / O Incentive 2008												
25	W Incentive 2008												
26	W / O Incentive 2009												
27	W Incentive 2009												
28	W / O Incentive 2010												
29	W Incentive 2010												
30	W / O Incentive 2011												
31	W Incentive 2011												
32	W / O Incentive 2012												
33	W Incentive 2012												
34	W / O Incentive 2013												
35	W Incentive 2013												
36	W / O Incentive 2014												
37	W Incentive 2014												
38	W / O Incentive 2015	-	-	-		31,931,622	587,888	31,343,734		6,368,620	80,225	6,288,395	
39	W Incentive 2015	-	-	-		31,931,622	587,888	31,343,734		6,368,620	80,225	6,288,395	
40	W / O Incentive 2016	-	-	-		31,343,734	742,596	30,601,138		6,288,395	148,107	6,140,288	
41	W Incentive 2016	-	-	-		31,343,734	742,596	30,601,138		6,288,395	148,107	6,140,288	
42	W / O Incentive 2017	-	-	-		30,601,138	798,291	29,802,847		6,140,288	159,216	5,981,072	
43	W Incentive 2017	-	-	-		30,601,138	798,291	29,802,847		6,140,288	159,216	5,981,072	
44	W / O Incentive 2018	-	-	-		29,802,847	798,291	29,004,557		5,981,072	159,216	5,821,857	
45	W Incentive 2018	-	-	-		29,802,847	798,291	29,004,557		5,981,072	159,216	5,821,857	
46	W / O Incentive 2019	-	-	-		29,004,557	798,291	28,206,266		5,821,857	159,216	5,662,641	
47	W Incentive 2019	-	-	-		29,004,557	798,291	28,206,266		5,821,857	159,216	5,662,641	
48	W / O Incentive 2020	-	-	-		28,206,266	798,291	27,407,976	3,637,713	5,662,641	159,216	5,503,426	729,306
49	W Incentive 2020	-	-	-		28,206,266	798,291	27,407,976	3,637,713	5,662,641	159,216	5,503,426	729,306

A Proj Rev Req w/o Incentive PCY*	-	3,447,928	663,049
B Proj Rev Req w/ Incentive PCY*	-	3,447,928	663,049
C Actual Rev Req w/o Incentive PCY*	-	3,637,713	729,306
D Actual Rev Req w/ Incentive PCY*	-	3,637,713	729,306
E TUA w/o Int w/ Incentive PCY (C-A)	-	189,785	66,258
F TUA w/o Int w/ Incentive PCY (B-D)	-	189,785	66,258
G Future Value Factor (1+) ²⁴ mo (ATT6)	1.00000	1.00000	1.00000
H True-Up Adjustment w/o Incentive (E*G)	-	189,785	66,258
I True-Up Adjustment w/ Incentive (F*G)	-	189,785	66,258

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O Incentive
 W Incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
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 (dollars)

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Line Number	Description	Project AY-1				Project AY-2				Project AZ			
		Yes	B0756.1	Yes	B0756.1	Yes	B1797	Beginning	Depreciation	Ending	Rev Req		
10													
11	Schedule 12 (Yes or No)	40	Install two 500 kV breakers at Chancellor 500 kV	40	Install two 500 kV breakers at Chancellor 500 kV	40	Wreck and rebuild 7 miles of the Dominion owned section of Cloverdale - Lexington 500 kV						
12	Life	10.2111%		10.2111%		10.2111%							
13	FCR W/O Incentive Line 3	0		0		0							
14	Incentive Factor (Basis Points / 100)	10.2111%		10.2111%		10.2111%							
15	FCR W Incentive L.13 +(L.14*L.5)	4,076,165		116,523		18,459,911							
16	Investment	101,904		2,913		461,498							
17	Annual Depreciation Exp	5		12		10							
18	In Service Month (1-12)												
19													
20	W / O Incentive 2006												
21	W Incentive 2006												
22	W / O Incentive 2007												
23	W Incentive 2007												
24	W / O Incentive 2008												
25	W Incentive 2008												
26	W / O Incentive 2009												
27	W Incentive 2009												
28	W / O Incentive 2010												
29	W Incentive 2010												
30	W / O Incentive 2011												
31	W Incentive 2011												
32	W / O Incentive 2012												
33	W Incentive 2012												
34	W / O Incentive 2013	4,076,165	59,247	4,016,918		18,459,911	89,438	18,370,473					
35	W Incentive 2013	4,076,165	59,247	4,016,918		18,459,911	89,438	18,370,473					
36	W / O Incentive 2014	4,016,918	94,795	3,922,124	116,523	113	116,410	18,370,473	429,300	17,941,173			
37	W Incentive 2014	4,016,918	94,795	3,922,124	116,523	113	116,410	18,370,473	429,300	17,941,173			
38	W / O Incentive 2015	3,922,124	94,795	3,827,329	116,410	2,710	113,700	17,941,173	429,300	17,511,873			
39	W Incentive 2015	3,922,124	94,795	3,827,329	116,410	2,710	113,700	17,941,173	429,300	17,511,873			
40	W / O Incentive 2016	3,827,329	94,795	3,732,535	113,700	2,710	110,990	17,511,873	429,300	17,082,573			
41	W Incentive 2016	3,827,329	94,795	3,732,535	113,700	2,710	110,990	17,511,873	429,300	17,082,573			
42	W / O Incentive 2017	3,732,535	101,904	3,630,631	110,990	2,913	108,077	17,082,573	461,498	16,621,075			
43	W Incentive 2017	3,732,535	101,904	3,630,631	110,990	2,913	108,077	17,082,573	461,498	16,621,075			
44	W / O Incentive 2018	3,630,631	101,904	3,528,727	108,077	2,913	105,164	16,621,075	461,498	16,159,577			
45	W Incentive 2018	3,630,631	101,904	3,528,727	108,077	2,913	105,164	16,621,075	461,498	16,159,577			
46	W / O Incentive 2019	3,528,727	101,904	3,426,822	105,164	2,913	102,251	16,159,577	461,498	15,698,079			
47	W Incentive 2019	3,528,727	101,904	3,426,822	105,164	2,913	102,251	16,159,577	461,498	15,698,079			
48	W / O Incentive 2020	3,426,822	101,904	3,324,918	102,251	2,913	99,338	15,698,079	461,498	15,236,582	2,040,887		
49	W Incentive 2020	3,426,822	101,904	3,324,918	102,251	2,913	99,338	15,698,079	461,498	15,236,582	2,040,887		

A Proj Rev Req w/o Incentive PCY*		406,884				12,015						1,858,658
B Proj Rev Req w/ Incentive PCY*		406,884				12,015						1,858,658
C Actual Rev Req w/o Incentive PCY*		446,619				13,205						2,040,887
D Actual Rev Req w/ Incentive PCY*		446,619				13,205						2,040,887
E TUA w/o Int w/ Incentive PCY (C-A)		39,734				1,191						182,229
F TUA w/o Int w/ Incentive PCY (B-D)		39,734				1,191						182,229
G Future Value Factor (1+) ²⁴ mo (ATT6)		1.00000				1.00000						1.00000
H True-Up Adjustment w/o Incentive (E*G)		39,734				1,191						182,229
I True-Up Adjustment w/ Incentive (F*G)		39,734				1,191						182,229

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O Incentive
 W Incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
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 (dollars)

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Line Number	Description	Project BA				Project BB-1				Project BB-2			
		Yes	B1799	Yes	B1798	Yes	B1798	Yes	B1798				
10													
11	Schedule 12 (Yes or No)	40	Build 150 MVAR Switched Shunt at Pleasant View 500 kV	40	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV	40	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV						
12	Life	10.2111%		10.2111%		10.2111%							
13	FCR W/O Incentive Line 3	0		0		0							
14	Incentive Factor (Basis Points / 100)	10.2111%		10.2111%		10.2111%							
15	FCR W Incentive L.13 +(L.14*L.5)	26,070,960		3,131,641		35,293,503							
16	Investment	651,774		78,291		882,338							
17	Annual Depreciation Exp	11		12		5							
18	In Service Month (1-12)												
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O Incentive 2006												
21	W Incentive 2006												
22	W / O Incentive 2007												
23	W Incentive 2007												
24	W / O Incentive 2008												
25	W Incentive 2008												
26	W / O Incentive 2009												
27	W Incentive 2009												
28	W / O Incentive 2010												
29	W Incentive 2010												
30	W / O Incentive 2011												
31	W Incentive 2011												
32	W / O Incentive 2012												
33	W Incentive 2012												
34	W / O Incentive 2013					3,131,641	3,035	3,128,606					
35	W Incentive 2013					3,131,641	3,035	3,128,606					
36	W / O Incentive 2014	26,070,960	75,788	25,995,172		3,128,606	72,829	3,055,778		35,293,503	512,987	34,780,516	
37	W Incentive 2014	26,070,960	75,788	25,995,172		3,128,606	72,829	3,055,778		35,293,503	512,987	34,780,516	
38	W / O Incentive 2015	25,995,172	606,301	25,388,871		3,055,778	72,829	2,982,949		34,780,516	820,779	33,959,737	
39	W Incentive 2015	25,995,172	606,301	25,388,871		3,055,778	72,829	2,982,949		34,780,516	820,779	33,959,737	
40	W / O Incentive 2016	25,388,871	606,301	24,782,570		2,982,949	72,829	2,910,120		33,959,737	820,779	33,138,958	
41	W Incentive 2016	25,388,871	606,301	24,782,570		2,982,949	72,829	2,910,120		33,959,737	820,779	33,138,958	
42	W / O Incentive 2017	24,782,570	651,774	24,130,796		2,910,120	78,291	2,831,829		33,138,958	882,338	32,256,620	
43	W Incentive 2017	24,782,570	651,774	24,130,796		2,910,120	78,291	2,831,829		33,138,958	882,338	32,256,620	
44	W / O Incentive 2018	24,130,796	651,774	23,479,022		2,831,829	78,291	2,753,538		32,256,620	882,338	31,374,283	
45	W Incentive 2018	24,130,796	651,774	23,479,022		2,831,829	78,291	2,753,538		32,256,620	882,338	31,374,283	
46	W / O Incentive 2019	23,479,022	651,774	22,827,248		2,753,538	78,291	2,675,247		31,374,283	882,338	30,491,945	
47	W Incentive 2019	23,479,022	651,774	22,827,248		2,753,538	78,291	2,675,247		31,374,283	882,338	30,491,945	
48	W / O Incentive 2020	22,827,248	651,774	22,175,474	2,949,418	2,675,247	78,291	2,596,956	347,467	30,491,945	882,338	29,609,607	3,950,862
49	W Incentive 2020	22,827,248	651,774	22,175,474	2,949,418	2,675,247	78,291	2,596,956	347,467	30,491,945	882,338	29,609,607	3,950,862

A	Proj Rev Req w/o Incentive PCY*			2,686,981		316,398							3,607,887
B	Proj Rev Req w/ Incentive PCY*			2,686,981		316,398							3,607,887
C	Actual Rev Req w/o Incentive PCY*			2,949,418		347,467							3,950,862
D	Actual Rev Req w/ Incentive PCY*			2,949,418		347,467							3,950,862
E	TUA w/o Int w/ Incentive PCY (C-A)			262,437		31,069							342,975
F	TUA w/o Int w/ Incentive PCY (B-D)			262,437		31,069							342,975
G	Future Value Factor (1+) ²⁴ mo (ATT6)			1.00000		1.00000							1.00000
H	True-Up Adjustment w/o Incentive (E*G)			262,437		31,069							342,975
I	True-Up Adjustment w/ Incentive (F*G)			262,437		31,069							342,975

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O Incentive
 W Incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
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 (dollars)

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		Project BB-3				Project BB-4				Project BB-5			
		Yes	B1798	Yes	B1798	Yes	B1798	Yes	B1798	Yes	B1798	Yes	B1798
10		40		40		40		40		40		40	
11	Schedule 12 (Yes or No)	10.2111%	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV	10.2111%	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV	10.2111%	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV	10.2111%	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV	10.2111%	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV	10.2111%	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV
12	Life	0		0		0		0		0		0	
13	FCR W/O incentive Line 3	10.2111%		10.2111%		10.2111%		10.2111%		10.2111%		10.2111%	
14	Incentive Factor (Basis Points / 100)	0		0		0		0		0		0	
15	FCR W incentive L.13 +(L.14*L.5)	18,023,576		38,035,625		12,313,467		307,837		12,313,467		307,837	
16	Investment	450,589		950,891		307,837		307,837		307,837		307,837	
17	Annual Depreciation Exp	6		8		12		12		12		12	
18	In Service Month (1-12)												
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014	18,023,576	227,041	17,796,535		38,035,625	331,706	37,703,919		12,313,467	11,932	12,301,535	
37	W incentive 2014	18,023,576	227,041	17,796,535		38,035,625	331,706	37,703,919		12,313,467	11,932	12,301,535	
38	W / O incentive 2015	17,796,535	419,153	17,377,382		37,703,919	884,549	36,819,370		12,301,535	286,360	12,015,176	
39	W incentive 2015	17,796,535	419,153	17,377,382		37,703,919	884,549	36,819,370		12,301,535	286,360	12,015,176	
40	W / O incentive 2016	17,377,382	419,153	16,958,229		36,819,370	884,549	35,934,820		12,015,176	286,360	11,728,816	
41	W incentive 2016	17,377,382	419,153	16,958,229		36,819,370	884,549	35,934,820		12,015,176	286,360	11,728,816	
42	W / O incentive 2017	16,958,229	450,589	16,507,640		35,934,820	950,891	34,983,930		11,728,816	307,837	11,420,979	
43	W incentive 2017	16,958,229	450,589	16,507,640		35,934,820	950,891	34,983,930		11,728,816	307,837	11,420,979	
44	W / O incentive 2018	16,507,640	450,589	16,057,050		34,983,930	950,891	34,033,039		11,420,979	307,837	11,113,143	
45	W incentive 2018	16,507,640	450,589	16,057,050		34,983,930	950,891	34,033,039		11,420,979	307,837	11,113,143	
46	W / O incentive 2019	16,057,050	450,589	15,606,461		34,033,039	950,891	33,082,148		11,113,143	307,837	10,805,306	
47	W incentive 2019	16,057,050	450,589	15,606,461		34,033,039	950,891	33,082,148		11,113,143	307,837	10,805,306	
48	W / O incentive 2020	15,606,461	450,589	15,155,871	2,021,181	33,082,148	950,891	32,131,258	4,280,404	10,805,306	307,837	10,497,469	1,395,464
49	W incentive 2020	15,606,461	450,589	15,155,871	2,021,181	33,082,148	950,891	32,131,258	4,280,404	10,805,306	307,837	10,497,469	1,395,464

A	Proj Rev Req w/o Incentive PCY*			1,848,776				3,896,815					1,275,649
B	Proj Rev Req w/ Incentive PCY*			1,848,776				3,896,815					1,275,649
C	Actual Rev Req w/o Incentive PCY*			2,021,181				4,280,404					1,395,464
D	Actual Rev Req w/ Incentive PCY*			2,021,181				4,280,404					1,395,464
E	TUA w/o Int w/ Incentive PCY (C-A)			172,405				383,589					119,815
F	TUA w/o Int w/ Incentive PCY (B-D)			172,405				383,589					119,815
G	Future Value Factor (1+) ²⁴ mo (ATT6)			1.00000				1.00000					1.00000
H	True-Up Adjustment w/o Incentive (E*G)			172,405				383,589					119,815
I	True-Up Adjustment w/ Incentive (F*G)			172,405				383,589					119,815

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W / O incentive
 W incentive

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		Project BF-2				Project BF-3				Project BF-4			
		Yes	B2053			Yes	B2053			Yes	B2053		
		40	Rebuild 28 mile line			40	Rebuild 28 mile line			40	Rebuild 28 mile line		
		10.2111%	(Altavista - Skimmer, 115kV)			10.2111%	(Altavista - Skimmer, 115kV)			10.2111%	(Altavista - Skimmer, 115kV)		
		0				0				0			
		10.2111%				10.2111%				10.2111%			
		23,185,930				12,489,226				1,006,355			
		579,648				312,231				25,159			
		3				6				12			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009											
27	W incentive	2009											
28	W / O incentive	2010											
29	W incentive	2010											
30	W / O incentive	2011											
31	W incentive	2011											
32	W / O incentive	2012											
33	W incentive	2012											
34	W / O incentive	2013											
35	W incentive	2013											
36	W / O incentive	2014											
37	W incentive	2014											
38	W / O incentive	2015	23,185,930	426,873	22,759,057	12,489,226	157,326	12,331,900		1,006,355	975	1,005,380	
39	W incentive	2015	23,185,930	426,873	22,759,057	12,489,226	157,326	12,331,900		1,006,355	975	1,005,380	
40	W / O incentive	2016	22,759,057	539,208	22,219,850	12,331,900	290,447	12,041,453		1,005,380	23,404	981,976	
41	W incentive	2016	22,759,057	539,208	22,219,850	12,331,900	290,447	12,041,453		1,005,380	23,404	981,976	
42	W / O incentive	2017	22,219,850	579,648	21,640,201	12,041,453	312,231	11,729,223		981,976	25,159	956,817	
43	W incentive	2017	22,219,850	579,648	21,640,201	12,041,453	312,231	11,729,223		981,976	25,159	956,817	
44	W / O incentive	2018	21,640,201	579,648	21,060,553	11,729,223	312,231	11,416,992		956,817	25,159	931,658	
45	W incentive	2018	21,640,201	579,648	21,060,553	11,729,223	312,231	11,416,992		956,817	25,159	931,658	
46	W / O incentive	2019	21,060,553	579,648	20,480,905	11,416,992	312,231	11,104,761		931,658	25,159	906,500	
47	W incentive	2019	21,060,553	579,648	20,480,905	11,416,992	312,231	11,104,761		931,658	25,159	906,500	
48	W / O incentive	2020	20,480,905	579,648	19,901,257	11,104,761	312,231	10,792,531	1,430,211	906,500	25,159	881,341	116,438
49	W incentive	2020	20,480,905	579,648	19,901,257	11,104,761	312,231	10,792,531	1,430,211	906,500	25,159	881,341	116,438

A	Proj Rev Req w/o Incentive PCY*				2,402,764				1,300,588				105,857
B	Proj Rev Req w/ Incentive PCY*				2,402,764				1,300,588				105,857
C	Actual Rev Req w/o Incentive PCY*				2,641,386				1,430,211				116,438
D	Actual Rev Req w/ Incentive PCY*				2,641,386				1,430,211				116,438
E	TUA w/o Int w/ Incentive PCY (C-A)				238,622				129,623				10,581
F	TUA w/o Int w/ Incentive PCY (B-D)				238,622				129,623				10,581
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1.00000				1.00000				1.00000
H	True-Up Adjustment w/o Incentive (E*G)				238,622				129,623				10,581
I	True-Up Adjustment w/ Incentive (F*G)				238,622				129,623				10,581

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O incentive
 W incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

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Line Number	Description	Project BG-1				Project BG-2				Project BH-1			
		Yes	B1906.1	Yes	B1906.1	Yes	B1908	Yes	B1908				
10													
11	Schedule 12 (Yes or No)	40	At Yadkin 500 kV, install six 500 kV breakers	40	At Yadkin 500 kV, install six 500 kV breakers	40	Rebuild Lexington-Dooms 500 kV						
12	Life	10.2111%		10.2111%		10.2111%		10.2111%					
13	FCR W/O Incentive Line 3	0		0		0		0					
14	Incentive Factor (Basis Points / 100)	10.2111%		10.2111%		10.2111%		10.2111%					
15	FCR W Incentive L.13 +(L.14*L.5)	4,398,307		5,644,742		74,619,245		1,865,481					
16	Investment	109,958		141,119		1,865,481		5					
17	Annual Depreciation Exp	5		11									
18	In Service Month (1-12)												
19													
20	W / O Incentive 2006												
21	W Incentive 2006												
22	W / O Incentive 2007												
23	W Incentive 2007												
24	W / O Incentive 2008												
25	W Incentive 2008												
26	W / O Incentive 2009												
27	W Incentive 2009												
28	W / O Incentive 2010												
29	W Incentive 2010												
30	W / O Incentive 2011												
31	W Incentive 2011												
32	W / O Incentive 2012												
33	W Incentive 2012												
34	W / O Incentive 2013												
35	W Incentive 2013												
36	W / O Incentive 2014												
37	W Incentive 2014												
38	W / O Incentive 2015	4,398,307	63,929	4,334,378	5,644,742	16,409	5,628,333	74,619,245	1,084,582	73,534,663			
39	W Incentive 2015	4,398,307	63,929	4,334,378	5,644,742	16,409	5,628,333	74,619,245	1,084,582	73,534,663			
40	W / O Incentive 2016	4,334,378	102,286	4,232,092	5,628,333	131,273	5,497,060	73,534,663	1,735,331	71,799,332			
41	W Incentive 2016	4,334,378	102,286	4,232,092	5,628,333	131,273	5,497,060	73,534,663	1,735,331	71,799,332			
42	W / O Incentive 2017	4,232,092	109,958	4,122,134	5,497,060	141,119	5,355,941	71,799,332	1,865,481	69,933,851			
43	W Incentive 2017	4,232,092	109,958	4,122,134	5,497,060	141,119	5,355,941	71,799,332	1,865,481	69,933,851			
44	W / O Incentive 2018	4,122,134	109,958	4,012,177	5,355,941	141,119	5,214,823	69,933,851	1,865,481	68,068,369			
45	W Incentive 2018	4,122,134	109,958	4,012,177	5,355,941	141,119	5,214,823	69,933,851	1,865,481	68,068,369			
46	W / O Incentive 2019	4,012,177	109,958	3,902,219	5,214,823	141,119	5,073,704	68,068,369	1,865,481	66,202,888			
47	W Incentive 2019	4,012,177	109,958	3,902,219	5,214,823	141,119	5,073,704	68,068,369	1,865,481	66,202,888			
48	W / O Incentive 2020	3,902,219	109,958	3,792,261	5,073,704	141,119	4,932,586	651,996	66,202,888	1,865,481	64,337,407	8,530,303	
49	W Incentive 2020	3,902,219	109,958	3,792,261	5,073,704	141,119	4,932,586	651,996	66,202,888	1,865,481	64,337,407	8,530,303	

A	Proj Rev Req w/o Incentive PCY*		457,319		592,784								7,850,974
B	Proj Rev Req w/ Incentive PCY*		457,319		592,784								7,850,974
C	Actual Rev Req w/o Incentive PCY*		502,804		651,996								8,530,303
D	Actual Rev Req w/ Incentive PCY*		502,804		651,996								8,530,303
E	TUA w/o Int w/ Incentive PCY (C-A)		45,485		59,213								679,329
F	TUA w/o Int w/ Incentive PCY (B-D)		45,485		59,213								679,329
G	Future Value Factor (1+i)^24 mo (ATT6)		1.00000		1.00000								1.00000
H	True-Up Adjustment w/o Incentive (E*G)		45,485		59,213								679,329
I	True-Up Adjustment w/ Incentive (F*G)		45,485		59,213								679,329

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O Incentive
 W Incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
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		Project BH-2				Project BH-3				Project BI			
		B1908				B1908				B1698			
		Rebuild Lexington-Dooms 500 kV				Rebuild Lexington-Dooms 500 kV				Install a 2nd 500/230 kV Transformer at Brambleton			
		Yes	40	10.2111%	0	Yes	40	10.2111%	0	Yes	40	10.2111%	0
		29,711,290	742,782	12	20,779,260	519,481	12	21,908,705	547,718	6			
10	11 Schedule 12 (Yes or No)												
12	Life												
13	FCR W/O incentive Line 3												
14	Incentive Factor (Basis Points / 100)												
15	FCR W incentive L.13 +(L.14*L.5)												
16	Investment												
17	Annual Depreciation Exp												
18	In Service Month (1-12)												
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014												
37	W incentive 2014												
38	W / O incentive 2015	29,711,290	28,790	29,682,500									
39	W incentive 2015	29,711,290	28,790	29,682,500									
40	W / O incentive 2016	29,682,500	690,960	28,991,540									
41	W incentive 2016	29,682,500	690,960	28,991,540	20,779,260	20,135	20,759,125			21,908,705	275,982	21,632,723	
42	W / O incentive 2017	28,991,540	742,782	28,248,758	20,759,125	519,481	20,239,643			21,908,705	547,718	21,360,987	
43	W incentive 2017	28,991,540	742,782	28,248,758	20,759,125	519,481	20,239,643			21,908,705	547,718	21,360,987	
44	W / O incentive 2018	28,248,758	742,782	27,505,975	20,239,643	519,481	19,720,162			21,360,987	547,718	20,813,270	
45	W incentive 2018	28,248,758	742,782	27,505,975	20,239,643	519,481	19,720,162			21,360,987	547,718	20,813,270	
46	W / O incentive 2019	27,505,975	742,782	26,763,193	19,720,162	519,481	19,200,680			20,813,270	547,718	20,265,552	
47	W incentive 2019	27,505,975	742,782	26,763,193	19,720,162	519,481	19,200,680			20,813,270	547,718	20,265,552	
48	W / O incentive 2020	26,763,193	742,782	26,020,411	3,437,684	19,200,680	519,481	18,681,199	2,453,566	20,265,552	547,718	19,717,835	2,589,096
49	W incentive 2020	26,763,193	742,782	26,020,411	3,437,684	19,200,680	519,481	18,681,199	2,453,566	20,265,552	547,718	19,717,835	2,589,096

A	Proj Rev Req w/o Incentive PCY*				3,188,054				2,408,170				2,467,046
B	Proj Rev Req w/ Incentive PCY*				3,188,054				2,408,170				2,467,046
C	Actual Rev Req w/o Incentive PCY*				3,437,684				2,453,566				2,589,096
D	Actual Rev Req w/ Incentive PCY*				3,437,684				2,453,566				2,589,096
E	TUA w/o Int w/ Incentive PCY (C-A)				249,630				45,396				122,050
F	TUA w/o Int w/ Incentive PCY (B-D)				249,630				45,396				122,050
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1.00000				1.00000				1.00000
H	True-Up Adjustment w/o Incentive (E*G)				249,630				45,396				122,050
I	True-Up Adjustment w/ Incentive (F*G)				249,630				45,396				122,050

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O incentive
 W incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

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		Project BJ-1				Project BJ-2				Project BK				
		Yes	B1905.1			Yes	B1905.1			Yes	B1905.2			
		40	Surry to Skiffes Creek 500 kV Line			40	Surry to Skiffes Creek 500 kV Line			40	Surry 500 kV Station Work			
		10.2111%	(7 miles overhead)			10.2111%	(7 miles overhead)			10.2111%				
		0				0				0				
		10.2111%				10.2111%				10.2111%				
		9,624,158				235,891,867				1,893,335				
		240,604				5,897,297				47,333				
		9				2				5				
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
19														
20	W / O incentive	2006												
21	W incentive	2006												
22	W / O incentive	2007												
23	W incentive	2007												
24	W / O incentive	2008												
25	W incentive	2008												
26	W / O incentive	2009												
27	W incentive	2009												
28	W / O incentive	2010												
29	W incentive	2010												
30	W / O incentive	2011												
31	W incentive	2011												
32	W / O incentive	2012												
33	W incentive	2012												
34	W / O incentive	2013												
35	W incentive	2013												
36	W / O incentive	2014								1,893,335	27,519	1,865,816		
37	W incentive	2014								1,893,335	27,519	1,865,816		
38	W / O incentive	2015								1,865,816	44,031	1,821,785		
39	W incentive	2015								1,865,816	44,031	1,821,785		
40	W / O incentive	2016								1,821,785	44,031	1,777,754		
41	W incentive	2016								1,821,785	44,031	1,777,754		
42	W / O incentive	2017								1,777,754	47,333	1,730,420		
43	W incentive	2017								1,777,754	47,333	1,730,420		
44	W / O incentive	2018	9,624,158	70,176	9,553,982					1,730,420	47,333	1,683,087		
45	W incentive	2018	9,624,158	70,176	9,553,982					1,730,420	47,333	1,683,087		
46	W / O incentive	2019	9,553,982	240,604	9,313,378	235,891,867	5,160,135	230,731,732		1,683,087	47,333	1,635,753		
47	W incentive	2019	9,553,982	240,604	9,313,378	235,891,867	5,160,135	230,731,732		1,683,087	47,333	1,635,753		
48	W / O incentive	2020	9,313,378	240,604	9,072,774	1,179,321	230,731,732	5,897,297	224,834,436	29,156,530	1,635,753	47,333	1,588,420	211,946
49	W incentive	2020	9,313,378	240,604	9,072,774	1,179,321	230,731,732	5,897,297	224,834,436	29,156,530	1,635,753	47,333	1,588,420	211,946

A	Proj Rev Req w/o Incentive PCY*				91,613				29,037,052				186,930
B	Proj Rev Req w/ Incentive PCY*				91,613				29,037,052				186,930
C	Actual Rev Req w/o Incentive PCY*				1,179,321				29,156,530				211,946
D	Actual Rev Req w/ Incentive PCY*				1,179,321				29,156,530				211,946
E	TUA w/o Int w/ Incentive PCY (C-A)				1,087,709				119,478				25,016
F	TUA w/o Int w/ Incentive PCY (B-D)				1,087,709				119,478				25,016
G	Future Value Factor (1+i) ⁿ /24 mo (ATT6)				1.00000				1.00000				1.00000
H	True-Up Adjustment w/o Incentive (E*G)				1,087,709				119,478				25,016
I	True-Up Adjustment w/ Incentive (F*G)				1,087,709				119,478				25,016

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W / O incentive
 W incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
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 (dollars)

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		Project BL-1				Project BL-2				Project BL-3				
		Yes	B1905.3			Yes	B1905.3			Yes	B1905.3			
		40	Skiffes Creek 500-230 kV Tx			40	Skiffes Creek 500-230 kV Tx			40	Skiffes Creek 500-230 kV Tx			
		10.2111%	and Switching Station			10.2111%	and Switching Station			10.2111%	and Switching Station			
		0				0				0				
		10.2111%				10.2111%				10.2111%				
		9,613,413				38,452,563				38,308,019				
		240,335				961,314				957,700				
		9				10				11				
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
10														
11	Schedule 12 (Yes or No)													
12	Life													
13	FCR W/O incentive Line 3													
14	Incentive Factor (Basis Points / 100)													
15	FCR W incentive L.13 +(L.14*L.5)													
16	Investment													
17	Annual Depreciation Exp													
18	In Service Month (1-12)													
19														
20	W / O incentive 2006													
21	W incentive 2006													
22	W / O incentive 2007													
23	W incentive 2007													
24	W / O incentive 2008													
25	W incentive 2008													
26	W / O incentive 2009													
27	W incentive 2009													
28	W / O incentive 2010													
29	W incentive 2010													
30	W / O incentive 2011													
31	W incentive 2011													
32	W / O incentive 2012													
33	W incentive 2012													
34	W / O incentive 2013													
35	W incentive 2013													
36	W / O incentive 2014													
37	W incentive 2014													
38	W / O incentive 2015													
39	W incentive 2015													
40	W / O incentive 2016													
41	W incentive 2016													
42	W / O incentive 2017													
43	W incentive 2017													
44	W / O incentive 2018	9,613,413	70,098	9,543,315		38,452,563	200,274	38,252,289		38,308,019	119,713	38,188,306		
45	W incentive 2018	9,613,413	70,098	9,543,315		38,452,563	200,274	38,252,289		38,308,019	119,713	38,188,306		
46	W / O incentive 2019	9,543,315	240,335	9,302,980		38,252,289	961,314	37,290,975		38,188,306	957,700	37,230,606		
47	W incentive 2019	9,543,315	240,335	9,302,980		38,252,289	961,314	37,290,975		38,188,306	957,700	37,230,606		
48	W / O incentive 2020	9,302,980	240,335	9,062,645	1,178,004	37,290,975	961,314	36,329,661	4,720,065	37,230,606	957,700	36,272,905	4,710,471	
49	W incentive 2020	9,302,980	240,335	9,062,645	1,178,004	37,290,975	961,314	36,329,661	4,720,065	37,230,606	957,700	36,272,905	4,710,471	
A Proj Rev Req w/o Incentive PCY*					1,209,708					5,960,367				5,487,823
B Proj Rev Req w/ Incentive PCY*					1,209,708					5,960,367				5,487,823
C Actual Rev Req w/o Incentive PCY*					1,178,004					4,720,065				4,710,471
D Actual Rev Req w/ Incentive PCY*					1,178,004					4,720,065				4,710,471
E TUA w/o Int w/o Incentive PCY (C-A)					(31,703)					(1,240,303)				(777,352)
F TUA w/o Int w/ Incentive PCY (B-D)					(31,703)					(1,240,303)				(777,352)
G Future Value Factor (1+) ⁿ /24 mo (ATT6)					1.00000					1.00000				1.00000
H True-Up Adjustment w/o Incentive (E*G)					(31,703)					(1,240,303)				(777,352)
I True-Up Adjustment w/ Incentive (F*G)					(31,703)					(1,240,303)				(777,352)
TUA = True-Up Adjustment PCY = Previous Calendar Year														
W / O incentive														
W incentive														

Virginia Electric and Power Company
 ATTACHMENT H-16A
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Line Number	Schedule	(Yes or No)	Project BL-4				Project BL-5				Project BM-1			
			Yes	B1905.3	Yes	B1905.3	Yes	B1905.4	Yes	B1905.4				
11	Schedule 12	(Yes or No)	40	B1905.3	40	B1905.3	40	B1905.4	40	B1905.4	40	B1905.4	40	B1905.4
12	Life		10.2111%	Skiffes Creek 500-230 kV Tx and Switching Station	10.2111%	Skiffes Creek 500-230 kV Tx and Switching Station	10.2111%	Skiffes Creek - Wheelton 230 kV line	10.2111%	Skiffes Creek - Wheelton 230 kV line	10.2111%	Skiffes Creek - Wheelton 230 kV line	10.2111%	Skiffes Creek - Wheelton 230 kV line
13	FCR W/O Incentive	Line 3	0		0			0		0		0		0
14	Incentive Factor (Basis Points / 100)		10.2111%		10.2111%			10.2111%		10.2111%		10.2111%		10.2111%
15	FCR W Incentive L.13 +(L.14*L.5)		18,676,442		6,414,641			7,585,377		7,585,377		189,634		189,634
16	Investment		466,911		160,366			189,634		189,634		9		9
17	Annual Depreciation Exp		12		2									
18	In Service Month (1-12)													
19														
20	W / O Incentive	2006												
21	W Incentive	2006												
22	W / O Incentive	2007												
23	W Incentive	2007												
24	W / O Incentive	2008												
25	W Incentive	2008												
26	W / O Incentive	2009												
27	W Incentive	2009												
28	W / O Incentive	2010												
29	W Incentive	2010												
30	W / O Incentive	2011												
31	W Incentive	2011												
32	W / O Incentive	2012												
33	W Incentive	2012												
34	W / O Incentive	2013												
35	W Incentive	2013												
36	W / O Incentive	2014												
37	W Incentive	2014												
38	W / O Incentive	2015												
39	W Incentive	2015												
40	W / O Incentive	2016												
41	W Incentive	2016												
42	W / O Incentive	2017								7,585,377	55,310	7,530,067		
43	W Incentive	2017								7,585,377	55,310	7,530,067		
44	W / O Incentive	2018	18,676,442	19,455	18,656,987					7,530,067	189,634	7,340,433		
45	W Incentive	2018	18,676,442	19,455	18,656,987					7,530,067	189,634	7,340,433		
46	W / O Incentive	2019	18,656,987	466,911	18,190,076	6,414,641	140,320	6,274,321		7,340,433	189,634	7,150,798		
47	W Incentive	2019	18,656,987	466,911	18,190,076	6,414,641	140,320	6,274,321		7,340,433	189,634	7,150,798		
48	W / O Incentive	2020	18,190,076	466,911	17,723,165	2,300,485	6,274,321	160,366	6,113,955	792,858	7,150,798	189,634	6,961,164	910,130
49	W Incentive	2020	18,190,076	466,911	17,723,165	2,300,485	6,274,321	160,366	6,113,955	792,858	7,150,798	189,634	6,961,164	910,130

A	Proj Rev Req w/o Incentive PCY*				1,790,973				800,338					(912,691)
B	Proj Rev Req w/ Incentive PCY*				1,790,973				800,338					(912,691)
C	Actual Rev Req w/o Incentive PCY*				2,300,485				792,858					910,130
D	Actual Rev Req w/ Incentive PCY*				2,300,485				792,858					910,130
E	TUA w/o Int w/ Incentive PCY (C-A)				509,512				(7,480)					1,822,821
F	TUA w/o Int w/ Incentive PCY (B-D)				509,512				(7,480)					1,822,821
G	Future Value Factor (1+) ⁿ /24 mo (ATT6)				1.00000				1.00000					1.00000
H	True-Up Adjustment w/o Incentive (E*G)				509,512				(7,480)					1,822,821
I	True-Up Adjustment w/ Incentive (F*G)				509,512				(7,480)					1,822,821

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O Incentive
 W Incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
 Attachment 7 - Transmission Enhancement Annual Revenue Requirement Worksheet
 (dollars)

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		Project BM-2				Project BM-3				Project BM-4			
		Yes	B1905.4	Skiffes Creek - Wheaton 230 kV line		Yes	B1905.4	Skiffes Creek - Wheaton 230 kV line		Yes	B1905.4	Skiffes Creek - Wheaton 230 kV line	
10		40				40				40			
11	Schedule 12 (Yes or No)	10.2111%				10.2111%				10.2111%			
12	Life	0				0				0			
13	FCR W/O incentive Line 3	10.2111%				10.2111%				10.2111%			
14	Incentive Factor (Basis Points / 100)	0				0				0			
15	FCR W incentive L.13 +(L.14*L.5)	10.2111%				10.2111%				10.2111%			
16	Investment	14,074,806				9,383,204				586,450			
17	Annual Depreciation Exp	351,870				234,580				14,661			
18	In Service Month (1-12)	3				6				9			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014												
37	W incentive 2014												
38	W / O incentive 2015												
39	W incentive 2015												
40	W / O incentive 2016												
41	W incentive 2016												
42	W / O incentive 2017												
43	W incentive 2017												
44	W / O incentive 2018	14,074,806	278,564	13,796,242		9,383,204	127,064	9,256,140		586,450	4,276	582,174	
45	W incentive 2018	14,074,806	278,564	13,796,242		9,383,204	127,064	9,256,140		586,450	4,276	582,174	
46	W / O incentive 2019	13,796,242	351,870	13,444,372		9,256,140	234,580	9,021,560		582,174	14,661	567,513	
47	W incentive 2019	13,796,242	351,870	13,444,372		9,256,140	234,580	9,021,560		582,174	14,661	567,513	
48	W / O incentive 2020	13,444,372	351,870	13,092,502	1,706,728	9,021,560	234,580	8,786,980	1,143,807	567,513	14,661	552,851	71,862
49	W incentive 2020	13,444,372	351,870	13,092,502	1,706,728	9,021,560	234,580	8,786,980	1,143,807	567,513	14,661	552,851	71,862

A	Proj Rev Req w/o Incentive PCY*				3,331,404				1,893,581				97,782
B	Proj Rev Req w/ Incentive PCY*				3,331,404				1,893,581				97,782
C	Actual Rev Req w/o Incentive PCY*				1,706,728				1,143,807				71,862
D	Actual Rev Req w/ Incentive PCY*				1,706,728				1,143,807				71,862
E	TUA w/o Int w/o Incentive PCY (C-A)				(1,624,676)				(749,774)				(25,920)
F	TUA w/o Int w/ Incentive PCY (B-D)				(1,624,676)				(749,774)				(25,920)
G	Future Value Factor (1+i)^24 mo (ATT6)				1.00000				1.00000				1.00000
H	True-Up Adjustment w/o Incentive (E*G)				(1,624,676)				(749,774)				(25,920)
I	True-Up Adjustment w/ Incentive (F*G)				(1,624,676)				(749,774)				(25,920)

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 PCY = Previous Calendar Year

W / O incentive
 W incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
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		Project BM-5				Project BM-6				Project BM-7			
		Yes	B1905.4	Skiffes Creek - Wheaton 230 kV line		Yes	B1905.4	Skiffes Creek - Wheaton 230 kV line		Yes	B1905.4	Skiffes Creek - Wheaton 230 kV line	
10		40				40				40			
11	Schedule 12 (Yes or No)	10.2111%				10.2111%				10.2111%			
12	Life	0				0				0			
13	FCR W/O incentive Line 3	10.2111%				10.2111%				10.2111%			
14	Incentive Factor (Basis Points / 100)	0				0				0			
15	FCR W incentive L.13 +(L.14*L.5)	10.2111%				10.2111%				10.2111%			
16	Investment	802,990				40,250,000				10,310,535			
17	Annual Depreciation Exp	20,075				1,006,250				257,763			
18	In Service Month (1-12)	10				12				1			
19													
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
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29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014												
37	W incentive 2014												
38	W / O incentive 2015												
39	W incentive 2015												
40	W / O incentive 2016												
41	W incentive 2016												
42	W / O incentive 2017												
43	W incentive 2017												
44	W / O incentive 2018	802,990	4,182	798,808		40,250,000	41,927	40,208,073					
45	W incentive 2018	802,990	4,182	798,808		40,250,000	41,927	40,208,073					
46	W / O incentive 2019	798,808	20,075	778,733		40,208,073	1,006,250	39,201,823		10,310,535	247,023	10,063,512	
47	W incentive 2019	798,808	20,075	778,733		40,208,073	1,006,250	39,201,823		10,310,535	247,023	10,063,512	
48	W / O incentive 2020	778,733	20,075	758,658	98,567	39,201,823	1,006,250	38,195,573	4,957,825	10,063,512	257,763	9,805,748	1,272,202
49	W incentive 2020	778,733	20,075	758,658	98,567	39,201,823	1,006,250	38,195,573	4,957,825	10,063,512	257,763	9,805,748	1,272,202

A	Proj Rev Req w/o Incentive PCY*				124,468				5,306,981				1,169,849
B	Proj Rev Req w/ Incentive PCY*				124,468				5,306,981				1,169,849
C	Actual Rev Req w/o Incentive PCY*				98,567				4,957,825				1,272,202
D	Actual Rev Req w/ Incentive PCY*				98,567				4,957,825				1,272,202
E	TUA w/o Int w/o Incentive PCY (C-A)				(25,901)				(349,156)				102,353
F	TUA w/o Int w/ Incentive PCY (B-D)				(25,901)				(349,156)				102,353
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1.00000				1.00000				1.00000
H	True-Up Adjustment w/o Incentive (E*G)				(25,901)				(349,156)				102,353
I	True-Up Adjustment w/ Incentive (F*G)				(25,901)				(349,156)				102,353

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W / O incentive
 W incentive

Virginia Electric and Power Company
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Line Number	Schedule	(Yes or No)	Project BN				Project BO				Project BP			
			Yes	B1905.5	Wheaton 230 kV breakers	40	Yes	B1905.6	Yorktown 230 kV work	40	Yes	B1905.7	Lanexa 115 kV work	40
11	Life		10.2111%				10.2111%				10.2111%			
13	FCR W/O incentive	Line 3	0				0				0			
14	Incentive Factor (Basis Points / 100)		10.2111%				10.2111%				10.2111%			
15	FCR W incentive L.13 +(L.14*L.5)		5,306,172				1,360,503				106,041			
16	Investment		132,654				34,013				2,651			
17	Annual Depreciation Exp		6				2				5			
18	In Service Month (1-12)													
			Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive	2006												
21	W incentive	2006												
22	W / O incentive	2007												
23	W incentive	2007												
24	W / O incentive	2008												
25	W incentive	2008												
26	W / O incentive	2009												
27	W incentive	2009												
28	W / O incentive	2010												
29	W incentive	2010												
30	W / O incentive	2011												
31	W incentive	2011												
32	W / O incentive	2012												
33	W incentive	2012												
34	W / O incentive	2013												
35	W incentive	2013												
36	W / O incentive	2014												
37	W incentive	2014												
38	W / O incentive	2015												
39	W incentive	2015												
40	W / O incentive	2016	5,306,172	66,841	5,239,331									
41	W incentive	2016	5,306,172	66,841	5,239,331									
42	W / O incentive	2017	5,306,172	132,654	5,173,518									
43	W incentive	2017	5,306,172	132,654	5,173,518									
44	W / O incentive	2018	5,173,518	132,654	5,040,864									
45	W incentive	2018	5,173,518	132,654	5,040,864									
46	W / O incentive	2019	5,040,864	132,654	4,908,210		1,360,503	29,761	1,330,742		106,041	1,657	104,384	
47	W incentive	2019	5,040,864	132,654	4,908,210		1,360,503	29,761	1,330,742		106,041	1,657	104,384	
48	W / O incentive	2020	4,908,210	132,654	4,775,555	627,065	1,330,742	34,013	1,296,729	168,160	104,384	2,651	101,733	13,174
49	W incentive	2020	4,908,210	132,654	4,775,555	627,065	1,330,742	34,013	1,296,729	168,160	104,384	2,651	101,733	13,174

A Proj Rev Req w/o Incentive PCY*				609,409					171,680					10,078
B Proj Rev Req w/ Incentive PCY*				609,409					171,680					10,078
C Actual Rev Req w/o Incentive PCY*				627,065					168,160					13,174
D Actual Rev Req w/ Incentive PCY*				627,065					168,160					13,174
E TUA w/o Int w/o Incentive PCY (C-A)				17,656					(3,520)					3,097
F TUA w/o Int w/ Incentive PCY (B-D)				17,656					(3,520)					3,097
G Future Value Factor (1+) ⁿ /24 mo (ATT6)				1.00000					1.00000					1.00000
H True-Up Adjustment w/o Incentive (E*G)				17,656					(3,520)					3,097
I True-Up Adjustment w/ Incentive (F*G)				17,656					(3,520)					3,097

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W / O incentive
 W incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
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 (dollars)

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		Project BR				Project BS				Project BT-1			
		Yes	B1905.9			Yes	B1907			Yes	B1909		
10													
11	Schedule 12 (Yes or No)	40	Kings Mill, Peninmen, Toano, Waller,			40	Install a 3rd 500/230 kV TX at Clover			40	Uprate Breemo – Midlothian 230 kV to its maximum operating temperature		
12	Life	10.2111%	Warkwick			10.2111%				10.2111%			
13	FCR W/O incentive Line 3	0				0				0			
14	Incentive Factor (Basis Points / 100)	10.2111%				10.2111%				10.2111%			
15	FCR W incentive L.13 +(L.14*L.5)	84,722				19,042,583				744,063			
16	Investment	2,118				476,065				18,602			
17	Annual Depreciation Exp	5				4				6			
18	In Service Month (1-12)												
19													
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014												
37	W incentive 2014												
38	W / O incentive 2015									744,063	9,373	734,691	
39	W incentive 2015									744,063	9,373	734,691	
40	W / O incentive 2016									734,691	17,304	717,387	
41	W incentive 2016									734,691	17,304	717,387	
42	W / O incentive 2017									717,387	18,602	698,785	
43	W incentive 2017									717,387	18,602	698,785	
44	W / O incentive 2018									698,785	18,602	680,184	
45	W incentive 2018									698,785	18,602	680,184	
46	W / O incentive 2019	84,722	1,324	83,398						680,184	18,602	661,582	
47	W incentive 2019	84,722	1,324	83,398						680,184	18,602	661,582	
48	W / O incentive 2020	83,398	2,118	81,280	10,526					661,582	18,602	642,980	85,207
49	W incentive 2020	83,398	2,118	81,280	10,526					661,582	18,602	642,980	85,207

A	Proj Rev Req w/o Incentive PCY*				10,728					2,073,204			79,589
B	Proj Rev Req w/ Incentive PCY*				10,728					2,073,204			79,589
C	Actual Rev Req w/o Incentive PCY*				10,526					2,250,387			85,207
D	Actual Rev Req w/ Incentive PCY*				10,526					2,250,387			85,207
E	TUA w/o Int w/o Incentive PCY (C-A)				(203)					177,184			5,618
F	TUA w/o Int w/ Incentive PCY (B-D)				(203)					177,184			5,618
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1.00000					1.00000			1.00000
H	True-Up Adjustment w/o Incentive (E*G)				(203)					177,184			5,618
I	True-Up Adjustment w/ Incentive (F*G)				(203)					177,184			5,618
TUA = True-Up Adjustment													
PCY = Previous Calendar Year													
W / O incentive													
W incentive													

Virginia Electric and Power Company
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		Project BT-2				Project BT-3				Project BU			
		Yes	B1909			Yes	B1909			Yes	B1328		
		40	Uprate Bremono – Midlothian 230 kV to its maximum operating temperature			40	Uprate Bremono – Midlothian 230 kV to its maximum operating temperature			40	Uprate the 3.63 mile line section between Possum and Dumfries substations, Replace 1600 amp wave trap at Possum Point		
12 Life		10.2111%				10.2111%				10.2111%			
13 FCR W/O Incentive Line 3		0				0				0			
14 Incentive Factor (Basis Points / 100)		10.2111%				10.2111%				10.2111%			
15 FCR W Incentive L.13 +(L.14*L.5)		1,217,598				1,389,088				3,881,027			
16 Investment		30,440				34,727				97,026			
17 Annual Depreciation Exp		6				5				12			
18 In Service Month (1-12)		Beginning Depreciation Ending Rev Req				Beginning Depreciation Ending Rev Req				Beginning Depreciation Ending Rev Req			
19													
20	W / O Incentive 2006												
21	W Incentive 2006												
22	W / O Incentive 2007												
23	W Incentive 2007												
24	W / O Incentive 2008												
25	W Incentive 2008												
26	W / O Incentive 2009												
27	W Incentive 2009												
28	W / O Incentive 2010												
29	W Incentive 2010												
30	W / O Incentive 2011												
31	W Incentive 2011												
32	W / O Incentive 2012												
33	W Incentive 2012												
34	W / O Incentive 2013												
35	W Incentive 2013												
36	W / O Incentive 2014												
37	W Incentive 2014												
38	W / O Incentive 2015									3,881,027	3,761	3,877,266	
39	W Incentive 2015									3,881,027	3,761	3,877,266	
40	W / O Incentive 2016	1,217,598	15,338	1,202,260						3,877,266	90,256	3,787,010	
41	W Incentive 2016	1,217,598	15,338	1,202,260						3,877,266	90,256	3,787,010	
42	W / O Incentive 2017	1,217,598	30,440	1,187,158		1,389,088	21,705	1,367,384		3,787,010	97,026	3,689,984	
43	W Incentive 2017	1,217,598	30,440	1,187,158		1,389,088	21,705	1,367,384		3,787,010	97,026	3,689,984	
44	W / O Incentive 2018	1,187,158	30,440	1,156,718		1,367,384	34,727	1,332,656		3,689,984	97,026	3,592,959	
45	W Incentive 2018	1,187,158	30,440	1,156,718		1,367,384	34,727	1,332,656		3,689,984	97,026	3,592,959	
46	W / O Incentive 2019	1,156,718	30,440	1,126,278		1,332,656	34,727	1,297,929		3,592,959	97,026	3,495,933	
47	W Incentive 2019	1,156,718	30,440	1,126,278		1,332,656	34,727	1,297,929		3,592,959	97,026	3,495,933	
48	W / O Incentive 2020	1,126,278	30,440	1,095,838	143,892	1,297,929	34,727	1,263,202	165,487	3,495,933	97,026	3,398,907	449,046
49	W Incentive 2020	1,126,278	30,440	1,095,838	143,892	1,297,929	34,727	1,263,202	165,487	3,495,933	97,026	3,398,907	449,046

A Proj Rev Req w/o Incentive PCY*		134,448		366,710		408,447
B Proj Rev Req w/ Incentive PCY*		134,448		366,710		408,447
C Actual Rev Req w/o Incentive PCY*		143,892		165,487		449,046
D Actual Rev Req w/ Incentive PCY*		143,892		165,487		449,046
E TUA w/o Int w/ Incentive PCY (C-A)		9,444		(201,223)		40,599
F TUA w/o Int w/ Incentive PCY (B-D)		9,444		(201,223)		40,599
G Future Value Factor (1+) ²⁴ mo (ATT6)		1,00000		1,00000		1,00000
H True-Up Adjustment w/o Incentive (E*G)		9,444		(201,223)		40,599
I True-Up Adjustment w/ Incentive (F*G)		9,444		(201,223)		40,599

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W / O Incentive
 W Incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
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		Project BV-1A				Project BV-1B				Project BV-1C			
		Yes	B1912			Yes	B1912			Yes	B1912		
		40	Install a 500 MVAR SVC at Landstown 230 kV (Includes project modifications.)			40	Install a 500 MVAR SVC at Landstown 230 kV (Includes project modifications.)			40	Install a 500 MVAR SVC at Landstown 230 kV (Includes project modifications.)		
		10.2111%				10.2111%				10.2111%			
		0				0				0			
		10.2111%				10.2111%				10.2111%			
16 Investment		20,609,513				25,346,313				24,992,898			
17 Annual Depreciation Exp		515,238				633,658				624,822			
18 In Service Month (1-12)		4				6				11			
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009											
27	W incentive	2009											
28	W / O incentive	2010											
29	W incentive	2010											
30	W / O incentive	2011											
31	W incentive	2011											
32	W / O incentive	2012											
33	W incentive	2012											
34	W / O incentive	2013											
35	W incentive	2013											
36	W / O incentive	2014											
37	W incentive	2014											
38	W / O incentive	2015											
39	W incentive	2015											
40	W / O incentive	2016	20,609,513	339,498	20,270,015	25,346,313	319,285	25,027,028		24,992,898	72,654	24,920,244	
41	W incentive	2016	20,609,513	339,498	20,270,015	25,346,313	319,285	25,027,028		24,992,898	72,654	24,920,244	
42	W / O incentive	2017	20,609,513	515,238	20,094,275	25,346,313	633,658	24,712,655		24,992,898	624,822	24,368,076	
43	W incentive	2017	20,609,513	515,238	20,094,275	25,346,313	633,658	24,712,655		24,992,898	624,822	24,368,076	
44	W / O incentive	2018	20,094,275	515,238	19,579,037	24,712,655	633,658	24,078,997		24,368,076	624,822	23,743,253	
45	W incentive	2018	20,094,275	515,238	19,579,037	24,712,655	633,658	24,078,997		24,368,076	624,822	23,743,253	
46	W / O incentive	2019	19,579,037	515,238	19,063,799	24,078,997	633,658	23,445,339		23,743,253	624,822	23,118,431	
47	W incentive	2019	19,579,037	515,238	19,063,799	24,078,997	633,658	23,445,339		23,743,253	624,822	23,118,431	
48	W / O incentive	2020	19,063,799	515,238	18,548,561	23,445,339	633,658	22,811,682	2,995,341	23,118,431	624,822	22,493,608	2,953,575
49	W incentive	2020	19,063,799	515,238	18,548,561	23,445,339	633,658	22,811,682	2,995,341	23,118,431	624,822	22,493,608	2,953,575

A Proj Rev Req w/o Incentive PCY*					2,337,592					2,806,895			2,862,343
B Proj Rev Req w/ Incentive PCY*					2,337,592					2,806,895			2,862,343
C Actual Rev Req w/o Incentive PCY*					2,435,562					2,995,341			2,953,575
D Actual Rev Req w/ Incentive PCY*					2,435,562					2,995,341			2,953,575
E TUA w/o Int w/ Incentive PCY (C-A)					97,970					188,446			91,232
F TUA w/o Int w/ Incentive PCY (B-D)					97,970					188,446			91,232
G Future Value Factor (1+) ²⁴ mo (ATT6)					1.00000					1.00000			1.00000
H True-Up Adjustment w/o Incentive (E*G)					97,970					188,446			91,232
I True-Up Adjustment w/ Incentive (F*G)					97,970					188,446			91,232

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O incentive
 W incentive

Virginia Electric and Power Company
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 (dollars)

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		Project BV-2A				Project BV-2B				Project BW			
		Yes	B1912			Yes	B1912			Yes	B1701		
10		40		125 MVAr STATCOM at Lynnhaven		40		125 MVAr STATCOM at Lynnhaven		40		Reconductor line #2104 (Fredericksburg - Cranes Corner 230 kV)	
11	Schedule 12 (Yes or No)	10.2111%				10.2111%				10.2111%			
12	Life	0				0				0			
13	FCR W/O incentive Line 3	10.2111%				10.2111%				10.2111%			
14	Incentive Factor (Basis Points / 100)	0				0				0			
15	FCR W incentive L.13 +(L.14*L.5)	10.2111%				10.2111%				10.2111%			
16	Investment	27,334,610				94,777				3,178,496			
17	Annual Depreciation Exp	683,365				2,369				79,462			
18	In Service Month (1-12)	4				10				11			
19													
20	W / O incentive 2006												
21	W incentive 2006												
22	W / O incentive 2007												
23	W incentive 2007												
24	W / O incentive 2008												
25	W incentive 2008												
26	W / O incentive 2009												
27	W incentive 2009												
28	W / O incentive 2010												
29	W incentive 2010												
30	W / O incentive 2011												
31	W incentive 2011												
32	W / O incentive 2012												
33	W incentive 2012												
34	W / O incentive 2013												
35	W incentive 2013												
36	W / O incentive 2014												
37	W incentive 2014												
38	W / O incentive 2015												
39	W incentive 2015												
40	W / O incentive 2016									3,178,496	9,240	3,169,256	
41	W incentive 2016									3,178,496	9,240	3,169,256	
42	W / O incentive 2017	27,334,610	484,050	26,850,560						3,178,496	79,462	3,099,034	
43	W incentive 2017	27,334,610	484,050	26,850,560						3,178,496	79,462	3,099,034	
44	W / O incentive 2018	26,850,560	683,365	26,167,194		94,777	494	94,283		3,099,034	79,462	3,019,571	
45	W incentive 2018	26,850,560	683,365	26,167,194		94,777	494	94,283		3,099,034	79,462	3,019,571	
46	W / O incentive 2019	26,167,194	683,365	25,483,829		94,283	2,369	91,914		3,019,571	79,462	2,940,109	
47	W incentive 2019	26,167,194	683,365	25,483,829		94,283	2,369	91,914		3,019,571	79,462	2,940,109	
48	W / O incentive 2020	25,483,829	683,365	24,800,464	3,250,663	91,914	2,369	89,545	11,634	2,940,109	79,462	2,860,646	375,624
49	W incentive 2020	25,483,829	683,365	24,800,464	3,250,663	91,914	2,369	89,545	11,634	2,940,109	79,462	2,860,646	375,624

A	Proj Rev Req w/o Incentive PCY*				2,900,851				14,691				350,426
B	Proj Rev Req w/ Incentive PCY*				2,900,851				14,691				350,426
C	Actual Rev Req w/o Incentive PCY*				3,250,663				11,634				375,624
D	Actual Rev Req w/ Incentive PCY*				3,250,663				11,634				375,624
E	TUA w/o Int w/o Incentive PCY (C-A)				349,812				(3,057)				25,198
F	TUA w/o Int w/ Incentive PCY (B-D)				349,812				(3,057)				25,198
G	Future Value Factor (1+i)^24 mo (ATT6)				1.00000				1.00000				1.00000
H	True-Up Adjustment w/o Incentive (E*G)				349,812				(3,057)				25,198
I	True-Up Adjustment w/ Incentive (F*G)				349,812				(3,057)				25,198

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W / O incentive
 W incentive

Virginia Electric and Power Company
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		Project BX				Project BY-1				Project BY-2			
		Yes	B1791	Yes	B1694	Yes	B1694	Yes	B1694	Yes	B1694	Yes	B1694
10		40		40		40		40		40		40	
11	Schedule 12 (Yes or No)	10.2111%	Wreck and rebuild 2.1 mile section of Gordonsville and Somerset (Line #11)	10.2111%	Rebuild Loudoun - Brambleton 500 kV	10.2111%	Rebuild Loudoun - Brambleton 500 kV	10.2111%	Rebuild Loudoun - Brambleton 500 kV	10.2111%	Rebuild Loudoun - Brambleton 500 kV	10.2111%	Rebuild Loudoun - Brambleton 500 kV
12	Life	0		0		0		0		0		0	
13	FCR W/O Incentive Line 3	10.2111%		10.2111%		10.2111%		10.2111%		10.2111%		10.2111%	
14	Incentive Factor (Basis Points / 100)	0		0		0		0		0		0	
15	FCR W Incentive L.13 +(L.14*L.5)	10.2111%		10.2111%		10.2111%		10.2111%		10.2111%		10.2111%	
16	Investment	3,441,461		27,953,612		27,953,612		2,711,987		2,711,987		2,711,987	
17	Annual Depreciation Exp	86,037		698,840		698,840		67,800		67,800		67,800	
18	In Service Month (1-12)	5		2		2		5		5		5	
19													
20	W / O Incentive 2006												
21	W Incentive 2006												
22	W / O Incentive 2007												
23	W Incentive 2007												
24	W / O Incentive 2008												
25	W Incentive 2008												
26	W / O Incentive 2009												
27	W Incentive 2009												
28	W / O Incentive 2010												
29	W Incentive 2010												
30	W / O Incentive 2011												
31	W Incentive 2011												
32	W / O Incentive 2012												
33	W Incentive 2012												
34	W / O Incentive 2013												
35	W Incentive 2013												
36	W / O Incentive 2014												
37	W Incentive 2014												
38	W / O Incentive 2015	3,441,461	50,021	3,391,440									
39	W Incentive 2015	3,441,461	50,021	3,391,440									
40	W / O Incentive 2016	3,391,440	80,034	3,311,406	27,953,612	568,824	27,384,789	2,711,987	39,418	2,672,569			
41	W Incentive 2016	3,391,440	80,034	3,311,406	27,953,612	568,824	27,384,789	2,711,987	39,418	2,672,569			
42	W / O Incentive 2017	3,311,406	86,037	3,225,369	27,384,789	698,840	26,685,948	2,672,569	67,800	2,604,769			
43	W Incentive 2017	3,311,406	86,037	3,225,369	27,384,789	698,840	26,685,948	2,672,569	67,800	2,604,769			
44	W / O Incentive 2018	3,225,369	86,037	3,139,333	26,685,948	698,840	25,987,108	2,604,769	67,800	2,536,969			
45	W Incentive 2018	3,225,369	86,037	3,139,333	26,685,948	698,840	25,987,108	2,604,769	67,800	2,536,969			
46	W / O Incentive 2019	3,139,333	86,037	3,053,296	25,987,108	698,840	25,288,268	2,536,969	67,800	2,469,170			
47	W Incentive 2019	3,139,333	86,037	3,053,296	25,987,108	698,840	25,288,268	2,536,969	67,800	2,469,170			
48	W / O Incentive 2020	3,053,296	86,037	2,967,260	25,288,268	698,840	24,589,427	3,245,379	2,469,170	67,800	2,401,370	316,468	
49	W Incentive 2020	3,053,296	86,037	2,967,260	25,288,268	698,840	24,589,427	3,245,379	2,469,170	67,800	2,401,370	316,468	

A	Proj Rev Req w/o Incentive PCY*			357,830				2,966,496				296,610	
B	Proj Rev Req w/ Incentive PCY*			357,830				2,966,496				296,610	
C	Actual Rev Req w/o Incentive PCY*			393,420				3,245,379				316,468	
D	Actual Rev Req w/ Incentive PCY*			393,420				3,245,379				316,468	
E	TUA w/o Int w/ Incentive PCY (C-A)			35,590				278,883				19,858	
F	TUA w/o Int w/ Incentive PCY (B-D)			35,590				278,883				19,858	
G	Future Value Factor (1+) ²⁴ mo (ATT6)			1.00000				1.00000				1.00000	
H	True-Up Adjustment w/o Incentive (E*G)			35,590				278,883				19,858	
I	True-Up Adjustment w/ Incentive (F*G)			35,590				278,883				19,858	

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O Incentive
 W Incentive

Virginia Electric and Power Company
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 (dollars)

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		Project BY-3 B1694 Rebuild Loudoun - Brambleton 500 kV				Project BY-4 B1694 Rebuild Loudoun - Brambleton 500 kV				Project BZ-1 B1696 Install a breaker and a half scheme with a minimum of eight 230 kV breakers for five existing lines at Idylwood 230 kV			
		Yes				Yes				Yes			
10		40				40				40			
11 Schedule 12 (Yes or No)		10.2111%				10.2111%				10.2111%			
12 Life		0				0				0			
13 FCR W/O incentive Line 3		10.2111%				10.2111%				10.2111%			
14 Incentive Factor (Basis Points / 100)		15,702,803				477,481				2,147,423			
15 FCR W incentive L.13 +(L.14*L.5)		392,570				11,937				53,686			
16 Investment		6				7				1			
17 Annual Depreciation Exp													
18 In Service Month (1-12)													
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O incentive	2006											
21	W incentive	2006											
22	W / O incentive	2007											
23	W incentive	2007											
24	W / O incentive	2008											
25	W incentive	2008											
26	W / O incentive	2009											
27	W incentive	2009											
28	W / O incentive	2010											
29	W incentive	2010											
30	W / O incentive	2011											
31	W incentive	2011											
32	W / O incentive	2012											
33	W incentive	2012											
34	W / O incentive	2013											
35	W incentive	2013											
36	W / O incentive	2014											
37	W incentive	2014											
38	W / O incentive	2015											
39	W incentive	2015											
40	W / O incentive	2016	15,702,803	197,807	15,504,996	477,481	5,089	472,392		2,147,423	47,859	2,099,564	
41	W incentive	2016	15,702,803	197,807	15,504,996	477,481	5,089	472,392		2,147,423	47,859	2,099,564	
42	W / O incentive	2017	15,504,996	392,570	15,112,426	472,392	11,937	460,455		2,099,564	53,686	2,045,878	
43	W incentive	2017	15,504,996	392,570	15,112,426	472,392	11,937	460,455		2,099,564	53,686	2,045,878	
44	W / O incentive	2018	15,112,426	392,570	14,719,856	460,455	11,937	448,518		2,045,878	53,686	1,992,193	
45	W incentive	2018	15,112,426	392,570	14,719,856	460,455	11,937	448,518		2,045,878	53,686	1,992,193	
46	W / O incentive	2019	14,719,856	392,570	14,327,286	448,518	11,937	436,580		1,992,193	53,686	1,938,507	
47	W incentive	2019	14,719,856	392,570	14,327,286	448,518	11,937	436,580		1,992,193	53,686	1,938,507	
48	W / O incentive	2020	14,327,286	392,570	13,934,716	436,580	11,937	424,643	55,907	1,938,507	53,686	1,884,821	248,888
49	W incentive	2020	14,327,286	392,570	13,934,716	436,580	11,937	424,643	55,907	1,938,507	53,686	1,884,821	248,888

A	Proj Rev Req w/o Incentive PCY*				1,677,798				51,973				226,756
B	Proj Rev Req w/ Incentive PCY*				1,677,798				51,973				226,756
C	Actual Rev Req w/o Incentive PCY*				1,835,505				55,907				248,888
D	Actual Rev Req w/ Incentive PCY*				1,835,505				55,907				248,888
E	TUA w/o Int w/ Incentive PCY (C-A)				157,707				3,935				22,132
F	TUA w/o Int w/ Incentive PCY (B-D)				157,707				3,935				22,132
G	Future Value Factor (1+i)^24 mo (ATT6)				1.00000				1.00000				1.00000
H	True-Up Adjustment w/o Incentive (E*G)				157,707				3,935				22,132
I	True-Up Adjustment w/ Incentive (F*G)				157,707				3,935				22,132

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W / O incentive
 W incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
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Line Number	Description	Project BZ-2				Project CA-1				Project CA-2			
		Yes	B1696	Yes	B2373	Yes	B2373	Beginning	Depreciation	Ending	Rev Req		
10													
11	Schedule 12 (Yes or No)	40	Install a breaker and a half scheme with a minimum of eight 230 kV breakers for five existing lines at Idylwood 230 kV	40	Build 2nd Loudoun - Brambleton 500 kV within existing ROW. The Loudoun - Brambleton 230 kV line relocated as an underbuild on the new 500 kV line.	40	Build 2nd Loudoun - Brambleton 500 kV within existing ROW. The Loudoun - Brambleton 230 kV line relocated as an underbuild on the new 500 kV line.						
12	Life	10.2111%		10.2111%		10.2111%							
13	FCR W/O Incentive Line 3	0		0		0							
14	Incentive Factor (Basis Points / 100)	10.2111%		10.2111%		10.2111%							
15	FCR W Incentive L.13 +(L.14*L.5)	-		28,003,295		14,820,826							
16	Investment	-		700,082		370,521							
17	Annual Depreciation Exp	-		12		9							
18	In Service Month (1-12)												
19													
20	W / O Incentive 2006												
21	W Incentive 2006												
22	W / O Incentive 2007												
23	W Incentive 2007												
24	W / O Incentive 2008												
25	W Incentive 2008												
26	W / O Incentive 2009												
27	W Incentive 2009												
28	W / O Incentive 2010												
29	W Incentive 2010												
30	W / O Incentive 2011												
31	W Incentive 2011												
32	W / O Incentive 2012												
33	W Incentive 2012												
34	W / O Incentive 2013												
35	W Incentive 2013												
36	W / O Incentive 2014												
37	W Incentive 2014												
38	W / O Incentive 2015												
39	W Incentive 2015												
40	W / O Incentive 2016												
41	W Incentive 2016												
42	W / O Incentive 2017												
43	W Incentive 2017												
44	W / O Incentive 2018												
45	W Incentive 2018												
46	W / O Incentive 2019												
47	W Incentive 2019												
48	W / O Incentive 2020												
49	W Incentive 2020												

A	Proj Rev Req w/o Incentive PCY*	2,654,317	2,827,307	1,715,925
B	Proj Rev Req w/ Incentive PCY*	2,654,317	2,827,307	1,715,925
C	Actual Rev Req w/o Incentive PCY*	-	3,240,064	1,741,209
D	Actual Rev Req w/ Incentive PCY*	-	3,240,064	1,741,209
E	TUA w/o Int w/ Incentive PCY (C-A)	(2,654,317)	412,757	25,285
F	TUA w/o Int w/ Incentive PCY (B-D)	(2,654,317)	412,757	25,285
G	Future Value Factor (1+) ²⁴ mo (ATT6)	1.00000	1.00000	1.00000
H	True-Up Adjustment w/o Incentive (E*G)	(2,654,317)	412,757	25,285
I	True-Up Adjustment w/ Incentive (F*G)	(2,654,317)	412,757	25,285

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W / O Incentive
 W Incentive

Virginia Electric and Power Company
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		Project CA-3				Project CB-1				Project CB-2				
		Yes	B2373			Yes	B2582			Yes	B2582			
		40	Build 2nd Loudoun - Brambleton 500 kV			40	Rebuild the Elmont - Cunningham 500 kV line			40	Rebuild the Elmont - Cunningham 500 kV line			
11 Schedule 12 (Yes or No)		10.2111%	with existing ROW. The Loudoun - Brambleton 230 kV line relocated as an underbuild on the new 500 kV line.			10.2111%				10.2111%				
12 Life		0				0				0				
13 FCR W/O incentive Line 3		1,620,339				70,500,568				23,207,316				
14 Incentive Factor (Basis Points / 100)		40,508				1,762,514				580,183				
15 FCR W incentive L.13 +(L.14*L.5)		12				5				1				
16 Investment														
17 Annual Depreciation Exp														
18 In Service Month (1-12)														
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
19														
20	W / O incentive	2006												
21	W incentive	2006												
22	W / O incentive	2007												
23	W incentive	2007												
24	W / O incentive	2008												
25	W incentive	2008												
26	W / O incentive	2009												
27	W incentive	2009												
28	W / O incentive	2010												
29	W incentive	2010												
30	W / O incentive	2011												
31	W incentive	2011												
32	W / O incentive	2012												
33	W incentive	2012												
34	W / O incentive	2013												
35	W incentive	2013												
36	W / O incentive	2014												
37	W incentive	2014												
38	W / O incentive	2015												
39	W incentive	2015												
40	W / O incentive	2016	1,620,339	1,570	1,618,769									
41	W incentive	2016	1,620,339	1,570	1,618,769									
42	W / O incentive	2017	1,618,769	40,508	1,578,260	70,500,568	1,101,571	69,398,996						
43	W incentive	2017	1,618,769	40,508	1,578,260	70,500,568	1,101,571	69,398,996						
44	W / O incentive	2018	1,578,260	40,508	1,537,752	69,398,996	1,762,514	67,636,482		23,207,316	556,009	22,651,308		
45	W incentive	2018	1,578,260	40,508	1,537,752	69,398,996	1,762,514	67,636,482		23,207,316	556,009	22,651,308		
46	W / O incentive	2019	1,537,752	40,508	1,497,243	67,636,482	1,762,514	65,873,968		22,651,308	580,183	22,071,125		
47	W incentive	2019	1,537,752	40,508	1,497,243	67,636,482	1,762,514	65,873,968		22,651,308	580,183	22,071,125		
48	W / O incentive	2020	1,497,243	40,508	1,456,735	191,326	65,873,968	1,762,514	64,111,454	8,399,006	22,071,125	580,183	21,490,942	2,804,273
49	W incentive	2020	1,497,243	40,508	1,456,735	191,326	65,873,968	1,762,514	64,111,454	8,399,006	22,071,125	580,183	21,490,942	2,804,273

A Proj Rev Req w/o Incentive PCY*		174,133							8,567,161				2,859,565
B Proj Rev Req w/ Incentive PCY*		174,133							8,567,161				2,859,565
C Actual Rev Req w/o Incentive PCY*		191,326							8,399,006				2,804,273
D Actual Rev Req w/ Incentive PCY*		191,326							8,399,006				2,804,273
E TUA w/o Int w/ Incentive PCY (C-A)		17,193							(168,155)				(65,291)
F TUA w/o Int w/ Incentive PCY (B-D)		17,193							(168,155)				(65,291)
G Future Value Factor (1+i)^24 mo (ATT6)		1.00000							1.00000				1.00000
H True-Up Adjustment w/o Incentive (E*G)		17,193							(168,155)				(65,291)
I True-Up Adjustment w/ Incentive (F*G)		17,193							(168,155)				(65,291)

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O incentive
 W incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
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 (dollars)

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		Project CC				Project CD-1				Project CE-1			
		Yes	B1911			Yes	B2443			Yes	B2471		
10		40		Add a second Valley 500/230 kV TX		40		Glebe to Station C 230 kV UG line		40		R/P Midlothian 500 kV breaker and M.O. switches with 3 breaker 500 kV ring bus. Terminate Lines #563 Carson - Midlothian, #576 Midlothian - North Anna,	
11	Schedule 12 (Yes or No)	10.2111%				10.2111%				10.2111%			
12	Life	0				0				0			
13	FCR W/O Incentive Line 3	10.2111%				10.2111%				10.2111%			
14	Incentive Factor (Basis Points / 100)	21,934.675				-				7,896.194			
15	FCR W Incentive L.13 +(L.14*L.5)	548,367				-				197,405			
16	Investment	6				-				11			
17	Annual Depreciation Exp												
18	In Service Month (1-12)												
19													
20	W / O Incentive 2006												
21	W Incentive 2006												
22	W / O Incentive 2007												
23	W Incentive 2007												
24	W / O Incentive 2008												
25	W Incentive 2008												
26	W / O Incentive 2009												
27	W Incentive 2009												
28	W / O Incentive 2010												
29	W Incentive 2010												
30	W / O Incentive 2011												
31	W Incentive 2011												
32	W / O Incentive 2012												
33	W Incentive 2012												
34	W / O Incentive 2013												
35	W Incentive 2013												
36	W / O Incentive 2014												
37	W Incentive 2014												
38	W / O Incentive 2015												
39	W Incentive 2015									7,896,194	22,954	7,873,240	
40	W / O Incentive 2016	21,934,675	276,309	21,658,366						7,896,194	22,954	7,873,240	
41	W Incentive 2016	21,934,675	276,309	21,658,366						7,873,240	183,632	7,689,608	
42	W / O Incentive 2017	21,658,366	548,367	21,109,999						7,873,240	183,632	7,689,608	
43	W Incentive 2017	21,658,366	548,367	21,109,999						7,689,608	197,405	7,492,203	
44	W / O Incentive 2018	21,109,999	548,367	20,561,632						7,689,608	197,405	7,492,203	
45	W Incentive 2018	21,109,999	548,367	20,561,632						7,492,203	197,405	7,294,798	
46	W / O Incentive 2019	20,561,632	548,367	20,013,265						7,492,203	197,405	7,294,798	
47	W Incentive 2019	20,561,632	548,367	20,013,265						7,294,798	197,405	7,097,393	
48	W / O Incentive 2020	20,013,265	548,367	19,464,899	2,563,951					7,294,798	197,405	7,097,393	
49	W Incentive 2020	20,013,265	548,367	19,464,899	2,563,951					7,097,393	197,405	6,899,988	912,050

A	Proj Rev Req w/o Incentive PCY*				2,338,653									829,418
B	Proj Rev Req w/ Incentive PCY*				2,338,653									829,418
C	Actual Rev Req w/o Incentive PCY*				2,563,951									912,050
D	Actual Rev Req w/ Incentive PCY*				2,563,951									912,050
E	TUA w/o Int w/o Incentive PCY (C-A)				225,297									82,632
F	TUA w/o Int w/ Incentive PCY (B-D)				225,297									82,632
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1.00000				1.00000					1.00000
H	True-Up Adjustment w/o Incentive (E*G)				225,297									82,632
I	True-Up Adjustment w/ Incentive (F*G)				225,297									82,632

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W / O Incentive
 W Incentive

Virginia Electric and Power Company
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 (dollars)

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		Project CF-1				Project CF-2				Project CG-1			
		Yes	B2665	Rebuild the Cunningham - Dooms 500 kV		Yes	B2665	Rebuild the Cunningham - Dooms 500 kV		Yes	B2758	Rebuild Line #549 Dooms - Valley 500 kV	
11 Schedule 12 (Yes or No)		40				40				40			
12 Life		10.2111%	line			10.2111%	line			10.2111%	line		
13 FCR W/O incentive Line 3		0				0				0			
14 Incentive Factor (Basis Points / 100)		10.2111%				10.2111%				10.2111%			
15 FCR W incentive L.13 +(L.14*L.5)		26,265,298				53,962,865				464,932			
16 Investment		656,632				1,349,072				11,623			
17 Annual Depreciation Exp		5				1				1			
18 In Service Month (1-12)													
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive												
21	W incentive												
22	W / O incentive												
23	W incentive												
24	W / O incentive												
25	W incentive												
26	W / O incentive												
27	W incentive												
28	W / O incentive												
29	W incentive												
30	W / O incentive												
31	W incentive												
32	W / O incentive												
33	W incentive												
34	W / O incentive												
35	W incentive												
36	W / O incentive												
37	W incentive												
38	W / O incentive												
39	W incentive												
40	W / O incentive												
41	W incentive												
42	W / O incentive												
43	W incentive												
44	W / O incentive	26,265,298	410,395	25,854,902									
45	W incentive	26,265,298	410,395	25,854,902									
46	W / O incentive	25,854,902	656,632	25,198,270		53,962,865	1,292,860	52,670,004		464,932	11,139	453,793	
47	W incentive	25,854,902	656,632	25,198,270		53,962,865	1,292,860	52,670,004		464,932	11,139	453,793	
48	W / O incentive	25,198,270	656,632	24,541,637	3,196,136	52,670,004	1,349,072	51,320,933	6,658,398	453,793	11,623	442,170	57,367
49	W incentive	25,198,270	656,632	24,541,637	3,196,136	52,670,004	1,349,072	51,320,933	6,658,398	453,793	11,623	442,170	57,367

A Proj Rev Req w/o Incentive PCY*				2,938,892					5,641,149				3,196,942
B Proj Rev Req w/ Incentive PCY*				2,938,892					5,641,149				3,196,942
C Actual Rev Req w/o Incentive PCY*				3,196,136					6,658,398				57,367
D Actual Rev Req w/ Incentive PCY*				3,196,136					6,658,398				57,367
E TUA w/o Int w/o Incentive PCY (C-A)				257,245					1,017,249				(3,139,575)
F TUA w/o Int w/ Incentive PCY (B-D)				257,245					1,017,249				(3,139,575)
G Future Value Factor (1+) ²⁴ mo (ATT6)				1.00000					1.00000				1.00000
H True-Up Adjustment w/o Incentive (E*G)				257,245					1,017,249				(3,139,575)
I True-Up Adjustment w/ Incentive (F*G)				257,245					1,017,249				(3,139,575)

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W / O incentive
 W incentive

Virginia Electric and Power Company
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		Project CG-2				Project CG-3				Project CI-1			
		Yes	B2758			Yes	B2758			Yes	B2729		
11 Schedule 12 (Yes or No)		40	Rebuild Line #549 Dooms - Valley 500 kV			40	Rebuild Line #549 Dooms - Valley 500 kV			40	New 175 MVAR Caps at Brambleton & Ashburn		
12 Life		10.2111%	line			10.2111%	line			10.2111%	New 300 MVAR Cap at Shelhorn, New 150		
13 FCR W/O Incentive Line 3		0				0				0	MVAR Cap at Liberty		
14 Incentive Factor (Basis Points / 100)		10.2111%				10.2111%				10.2111%			
15 FCR W Incentive L.13 +(L.14*L.5)		32,363,872				24,621,989				6,667,910			
16 Investment		809,097				615,550				166,698			
17 Annual Depreciation Exp		12				6				12			
18 In Service Month (1-12)													
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O Incentive												
21	W Incentive												
22	W / O Incentive												
23	W Incentive												
24	W / O Incentive												
25	W Incentive												
26	W / O Incentive												
27	W Incentive												
28	W / O Incentive												
29	W Incentive												
30	W / O Incentive												
31	W Incentive												
32	W / O Incentive												
33	W Incentive												
34	W / O Incentive												
35	W Incentive												
36	W / O Incentive												
37	W Incentive												
38	W / O Incentive												
39	W Incentive												
40	W / O Incentive												
41	W Incentive												
42	W / O Incentive												
43	W Incentive												
44	W / O Incentive												
45	W Incentive												
46	W / O Incentive	32,363,872	33,712	32,330,160						6,667,910	6,946	6,660,964	
47	W Incentive	32,363,872	33,712	32,330,160						6,667,910	6,946	6,660,964	
48	W / O Incentive	32,330,160	809,097	31,521,063	4,069,063	24,621,989	333,423	24,288,566	1,686,052	6,660,964	166,698	6,494,267	838,347
49	W Incentive	32,330,160	809,097	31,521,063	4,069,063	24,621,989	333,423	24,288,566	1,686,052	6,660,964	166,698	6,494,267	838,347

A Proj Rev Req w/o Incentive PCY*					2,008,877				-				1,199,710
B Proj Rev Req w/ Incentive PCY*					2,008,877				-				1,199,710
C Actual Rev Req w/o Incentive PCY*					4,069,063				1,686,052				838,347
D Actual Rev Req w/ Incentive PCY*					4,069,063				1,686,052				838,347
E TUA w/o Int w/ Incentive PCY (C-A)					2,060,186				1,686,052				(361,363)
F TUA w/o Int w/ Incentive PCY (B-D)					2,060,186				1,686,052				(361,363)
G Future Value Factor (1+) ²⁴ mo (ATT6)					1,00000				1,00000				1,00000
H True-Up Adjustment w/o Incentive (E*G)					2,060,186				1,686,052				(361,363)
I True-Up Adjustment w/ Incentive (F*G)					2,060,186				1,686,052				(361,363)

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W / O Incentive
 W Incentive

Virginia Electric and Power Company
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		Project CI-2				Project CJ-1				Project CJ-2			
		Yes	B2729	Yes	B2744	Yes	B2744	Yes	B2744	Yes	B2744	Yes	B2744
10													
11	Schedule 12 (Yes or No)	40	New 175 MVAR Caps at Brambleton & Ashburn	40	Rebuild the Carson-Rogers rd 500 kV circuit	40	Rebuild the Carson-Rogers rd 500 kV circuit	40	Rebuild the Carson-Rogers rd 500 kV circuit	40	Rebuild the Carson-Rogers rd 500 kV circuit	40	Rebuild the Carson-Rogers rd 500 kV circuit
12	Life	10.2111%	New 300 MVAR Cap at Shelhorn, New 150	10.2111%		10.2111%		10.2111%		10.2111%		10.2111%	
13	FCR W/O Incentive Line 3	0	MVAR Cap at Liberty	0		0		0		0		0	
14	Incentive Factor (Basis Points / 100)	10.2111%		10.2111%		10.2111%		10.2111%		10.2111%		10.2111%	
15	FCR W Incentive L.13 +(L.14*L.5)	2,415,060		27,730,674		27,730,674		27,325,407		27,325,407		27,325,407	
16	Investment	60,377		693,267		693,267		683,135		683,135		683,135	
17	Annual Depreciation Exp	1		1		1		2		2		2	
18	In Service Month (1-12)												
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O Incentive 2006												
21	W Incentive 2006												
22	W / O Incentive 2007												
23	W Incentive 2007												
24	W / O Incentive 2008												
25	W Incentive 2008												
26	W / O Incentive 2009												
27	W Incentive 2009												
28	W / O Incentive 2010												
29	W Incentive 2010												
30	W / O Incentive 2011												
31	W Incentive 2011												
32	W / O Incentive 2012												
33	W Incentive 2012												
34	W / O Incentive 2013												
35	W Incentive 2013												
36	W / O Incentive 2014												
37	W Incentive 2014												
38	W / O Incentive 2015												
39	W Incentive 2015												
40	W / O Incentive 2016												
41	W Incentive 2016												
42	W / O Incentive 2017												
43	W Incentive 2017												
44	W / O Incentive 2018					27,730,674	664,381	27,066,293		27,325,407	597,743	26,727,664	
45	W Incentive 2018					27,730,674	664,381	27,066,293		27,325,407	597,743	26,727,664	
46	W / O Incentive 2019					27,066,293	693,267	26,373,026		26,727,664	683,135	26,044,529	
47	W Incentive 2019					27,066,293	693,267	26,373,026		26,727,664	683,135	26,044,529	
48	W / O Incentive 2020	2,415,060	57,861	2,357,199	291,360	26,373,026	693,267	25,679,760	3,350,856	26,044,529	683,135	25,361,393	3,307,699
49	W Incentive 2020	2,415,060	57,861	2,357,199	291,360	26,373,026	693,267	25,679,760	3,350,856	26,044,529	683,135	25,361,393	3,307,699

A	Proj Rev Req w/o Incentive PCY*								3,313,750				5,761,284
B	Proj Rev Req w/ Incentive PCY*								3,313,750				5,761,284
C	Actual Rev Req w/o Incentive PCY*				291,360				3,350,856				3,307,699
D	Actual Rev Req w/ Incentive PCY*				291,360				3,350,856				3,307,699
E	TUA w/o Int w/ Incentive PCY (C-A)				291,360				37,106				(2,453,586)
F	TUA w/o Int w/ Incentive PCY (B-D)				291,360				37,106				(2,453,586)
G	Future Value Factor (1+) ²⁴ mo (ATT6)				1.00000				1.00000				1.00000
H	True-Up Adjustment w/o Incentive (E*G)				291,360				37,106				(2,453,586)
I	True-Up Adjustment w/ Incentive (F*G)				291,360				37,106				(2,453,586)

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W / O Incentive
 W Incentive

Virginia Electric and Power Company
 ATTACHMENT H-16A
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		Project CJ-3				Project CM-1				Project CN			
		Yes	B2744	Yes	B2759	Yes	B2928						
10		40	Rebuild the Carson-Rogers rd 500 kV circuit	40	Rebuild Line #550 Mount Storm-Valley 500kV	40	Rebuild four structures of 500kV Line #567	from Chickahominy to Surry including replacement of conductor across the river					
11	Schedule 12 (Yes or No)	10.2111%		10.2111%		10.2111%		Line Rating increase from 1954 MVA to 2600 MVA.					
12	Life	0		0		0							
13	FCR W/O Incentive Line 3	10.2111%		10.2111%		10.2111%							
14	Incentive Factor (Basis Points / 100)	1,286.571		107,383,706		32,493,682							
15	FCR W Incentive L.13 +(L.14*L.5)	32,164		2,684,593		812,342							
16	Investment	8		12		1							
17	Annual Depreciation Exp												
18	In Service Month (1-12)												
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
19													
20	W / O Incentive 2006												
21	W Incentive 2006												
22	W / O Incentive 2007												
23	W Incentive 2007												
24	W / O Incentive 2008												
25	W Incentive 2008												
26	W / O Incentive 2009												
27	W Incentive 2009												
28	W / O Incentive 2010												
29	W Incentive 2010												
30	W / O Incentive 2011												
31	W Incentive 2011												
32	W / O Incentive 2012												
33	W Incentive 2012												
34	W / O Incentive 2013												
35	W Incentive 2013												
36	W / O Incentive 2014												
37	W Incentive 2014												
38	W / O Incentive 2015												
39	W Incentive 2015												
40	W / O Incentive 2016												
41	W Incentive 2016												
42	W / O Incentive 2017												
43	W Incentive 2017												
44	W / O Incentive 2018	1,286,571	12,062	1,274,510						32,493,682	778,494	31,715,188	
45	W Incentive 2018	1,286,571	12,062	1,274,510						32,493,682	778,494	31,715,188	
46	W / O Incentive 2019	1,274,510	32,164	1,242,345						31,715,188	812,342	30,902,845	
47	W Incentive 2019	1,274,510	32,164	1,242,345						31,715,188	812,342	30,902,845	
48	W / O Incentive 2020	1,242,345	32,164	1,210,181	157,380	107,383,706	111,858	107,271,848	568,499	30,902,845	812,342	30,090,503	3,926,398
49	W Incentive 2020	1,242,345	32,164	1,210,181	157,380	107,383,706	111,858	107,271,848	568,499	30,902,845	812,342	30,090,503	3,926,398

A	Proj Rev Req w/o Incentive PCY*				224,591				-				3,999,570
B	Proj Rev Req w/ Incentive PCY*				224,591				-				3,999,570
C	Actual Rev Req w/o Incentive PCY*				157,380				568,499				3,926,398
D	Actual Rev Req w/ Incentive PCY*				157,380				568,499				3,926,398
E	TUA w/o Int w/o Incentive PCY (C-A)				(67,211)				568,499				(73,172)
F	TUA w/o Int w/ Incentive PCY (B-D)				(67,211)				568,499				(73,172)
G	Future Value Factor (1+) ⁿ /24 mo (ATT6)				1.00000				1.00000				1.00000
H	True-Up Adjustment w/o Incentive (E*G)				(67,211)				568,499				(73,172)
I	True-Up Adjustment w/ Incentive (F*G)				(67,211)				568,499				(73,172)

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W / O Incentive
 W Incentive

Virginia Electric and Power Company
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Line Number	Description	Project CO-1				Project CO-2				If Yes for Schedule 12 Include in this Total.	If No for Schedule 12 include in this Sum.	
		Yes	B2960.2	Yes	B2960.2	Annual Revenue Requirement including Incentive if Applicable	Annual Revenue Requirement excluding Incentive					
10												
11	Schedule 12 (Yes or No)	Yes	B2960.2	Yes	B2960.2							
12	Life	40	Replace fixed Series capacitors on 500kV Line #547 at Lexington and on the 500kV Line #548 at Valley	40	Replace fixed Series capacitors on 500kV Line #547 at Lexington and on the 500kV Line #548 at Valley							
13	FCR W/O incentive Line 3	10.2111%		10.2111%								
14	Incentive Factor (Basis Points / 100)	0		0								
15	FCR W incentive L.13 +(L.14*L.5)	10.2111%		10.2111%								
16	Investment	16,999,788		17,212,417								
17	Annual Depreciation Exp	424,995		430,310								
18	In Service Month (1-12)	4		6								
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Total	Sum	Sum
20	W / O incentive 2006											
21	W incentive 2006											
22	W / O incentive 2007											
23	W incentive 2007											
24	W / O incentive 2008											
25	W incentive 2008											
26	W / O incentive 2009											
27	W incentive 2009											
28	W / O incentive 2010											
29	W incentive 2010											
30	W / O incentive 2011											
31	W incentive 2011											
32	W / O incentive 2012											
33	W incentive 2012											
34	W / O incentive 2013											
35	W incentive 2013											
36	W / O incentive 2014											
37	W incentive 2014											
38	W / O incentive 2015											
39	W incentive 2015											
40	W / O incentive 2016											
41	W incentive 2016											
42	W / O incentive 2017											
43	W incentive 2017											
44	W / O incentive 2018											
45	W incentive 2018											
46	W / O incentive 2019											
47	W incentive 2019											
48	W / O incentive 2020	16,999,788	301,038	16,698,750	1,519,726	17,212,417	233,085	16,979,332	1,178,663	287,486,157	-	36,342,660
49	W incentive 2020	16,999,788	301,038	16,698,750	1,519,726	17,212,417	233,085	16,979,332	1,178,663	290,812,046	38,407,736	

A Proj Rev Req w/o Incentive PCY*				1,372,879					1,294,808		
B Proj Rev Req w/ Incentive PCY*				1,372,879					1,294,808		
C Actual Rev Req w/o Incentive PCY*				1,519,726					1,178,663		
D Actual Rev Req w/ Incentive PCY*				1,519,726					1,178,663		
E TUA w/o Int w/ Incentive PCY (C-A)				146,848					(116,146)		
F TUA w/o Int w/ Incentive PCY (B-D)				146,848					(116,146)		
G Future Value Factor (1+i)^24 mo (ATT6)				1.00000					1.00000		
H True-Up Adjustment w/o Incentive (E*G)				146,848					(116,146)		
I True-Up Adjustment w/ Incentive (F*G)				146,848					(116,146)		

TUA = True-Up Adjustment
 PCY = Previous Calendar Year

W / O incentive
 W incentive

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 8 - Securitization Workpaper
(000's)

Line #			
	Long Term Interest		
105	Less LTD Interest on Securitization Bonds		0
	Capitalization		
115	Less LTD on Securitization Bonds		0

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 9 - Depreciation Rates¹

Depreciation Rates Applicable Through March 31, 2013

<u>Plant Type</u>	<u>Applied Depreciation Rate</u>
Transmission Plant	
Land	
Land Rights	1.36%
Structures and Improvements	1.41%
Station and Equipment	2.02%
Towers and Fixtures	2.36%
Poles and Fixtures	1.89%
Overhead conductors and Devices	1.90%
Underground Conduit	1.74%
Underground Conductors and Devices	2.50%
Roads and Trails	1.17%
General Plant	
Land Rights	1.70%
Structures and Improvements - Major	1.82%
Structures and Improvements - Other	2.26%
Communication Equipment	3.20%
Communication Equipment - Clearing	6.22%
Communication Equipment - Massed	6.22%
Communication Equipment - 25 Years	3.72%
Office Furniture and Equipment - EDP Hardware	27.38%
Office Furniture and Equipment - EDP Fixed Location	12.21%
Office Furniture and Equipment	1.64%
Laboratory Equipment	4.23%
Miscellaneous Equipment	2.53%
Stores Equipment	5.08%
Power Operated Equipment	8.16%
Tools, Shop and Garage Equipment	4.76%
Electric Vehicle Recharge Equipment	13.23%

¹Depreciation rates may be changed only pursuant to a Section 205 or Section 206 proceeding.

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 9 - Depreciation Rates (Continued)¹

Depreciation Rates Applicable On April 1, 2013 And Through December 31, 2016

<u>Plant Type</u>	<u>Applied Depreciation Rate</u>
Transmission Plant	
Land	
Land Rights	1.17%
Structures and Improvements	1.53%
Station Equipment	2.89%
Station Equipment - Power Supply Computer Equipment	10.46%
Towers and Fixtures	2.08%
Poles and Fixtures	2.11%
Overhead conductors and Devices	1.92%
Underground Conduit	1.65%
Underground Conductors and Devices	1.92%
Roads and Trails	1.06%
General Plant	
Land	
Land Rights	1.71%
Structures and Improvements - Major	1.95%
Structures and Improvements - Other	2.82%
Office Furniture and Equipment	2.68%
Office Furniture and Equipment - EDP Hardware	15.26%
Office Furniture and Equipment - EDP Fixed Location	7.26%
Transportation Equipment	3.90%
Stores Equipment	2.52%
Tools, Shop and Garage Equipment	4.32%
Laboratory Equipment	3.69%
Power Operated Equipment	4.75%
Communication Equipment	3.14%
Communication Equipment - Massed	5.97%
Communication Equipment - 25 Years	2.48%
Miscellaneous Equipment	6.67%

¹Depreciation rates may be changed only pursuant to a Section 205 or Section 206 proceeding.

Virginia Electric and Power Company
ATTACHMENT H-16A
Attachment 9 - Depreciation Rates (Continued)¹

Depreciation Rates Applicable On And After January 1, 2017

<u>Plant Type</u>	<u>Applied Depreciation Rate</u>
Transmission Plant	
Land	
Land Rights	1.31%
Structures and Improvements	1.59%
Station Equipment	3.05%
Station Equipment - Power Supply Computer Equipment	7.21%
Towers and Fixtures	2.30%
Poles and Fixtures	2.33%
Overhead conductors and Devices	2.18%
Underground Conduit	2.10%
Underground Conductors and Devices	2.03%
Roads and Trails	1.06%
General Plant	
Land	
Land Rights	1.49%
Structures and Improvements-Major	2.38%
Structures and Improvements-Other	2.24%
Office Furniture and Equipment - 2012 and Prior	8.97%
Office Furniture and Equipment - 2013 and Subsequent	6.67%
Office Furniture and Equipment-EDP Hardware - 2012 and Prior	65.49%
Office Furniture and Equipment-EDP Hardware - 2013 and Subsequent	20.00%
Office Furniture and Equipment-EDP Fixed Location - 2012 and Prior	10.83%
Office Furniture and Equipment-EDP Fixed Location - 2013 and Subsequent	20.00%
Transportation Equipment	5.75%
Stores Equipment - 2012 and Prior	4.25%
Stores Equipment - 2013 and Subsequent	4.00%
Tools, Shop, and Garage Equipment - 2012 and Prior	3.70%
Tools, Shop, and Garage Equipment - 2013 and Subsequent	4.00%
Tools, Shop, and Garage Equipment-Electric Vehicles	0.00%
Laboratory Equipment - 2012 and Prior	4.12%
Laboratory Equipment - 2013 and Subsequent	4.00%
Power Operated Equipment	6.49%
Communication Equipment - 2012 and Prior	3.70%
Communication Equipment - 2013 and Subsequent	4.00%
Communication Equipment-Clearing	0.00%
Communication Equipment-Massed - 2012 and Prior	8.61%
Communication Equipment-Massed - 2013 and Subsequent	6.67%
Communication Equipment-25 Years - 2012 and Prior	2.66%
Communication Equipment-25 Years - 2013 and Subsequent	4.00%
Miscellaneous Equipment - 2012 and Prior	7.15%
Miscellaneous Equipment - 2013 and Subsequent	6.67%

¹Depreciation rates may be changed only pursuant to a Section 205 or Section 206 proceeding.

Attachment 10

Incremental Undergrounding Costs of the Garrisonville, Pleasant View, and NIVO Underground Projects

Section 1 -- Purpose

This Attachment 10 determines the appropriate amount of undergrounding costs to be allocated to each Network Customer for their Virginia loads in the Dominion Zone in accordance with the March 20, 2014 order of the Federal Energy Regulatory Commission in Docket No. EL10-49-005 and in compliance with the Federal Energy Regulatory Commission's October 19, 2017 Order on Initial Decision issued in Opinion No. 555. To provide compensation for these costs, each Network Customer with Virginia loads in the Dominion Zone shall pay a monthly Demand Charge, which shall be known as the "UG Transmission Charge" as determined herein.

Section 2 -- Underground ("UG") Transmission Project Descriptions

The projects are generally described below. The projects may be modified resulting in changes to their costs.

Garrisonville	The Aquia Harbor Terminal Station, the Garrisonville Substation excluding the distribution assets and the 230 kV shunt reactor banks in Garrisonville Substation, two underground transmission lines with associated duct systems running from Aquia Harbor Terminal Station to Garrisonville Substation, and modifications to transmission line protection equipment at Fredericksburg and Possum Point substations to interface with equipment at Aquia Harbor Terminal Station.
Pleasant View	An overhead transmission line running from Pleasant View Substation to Dry Mill South Station, facilities in Pleasant View Substation to facilitate connection of such transmission line, Dry Mill South Station, an underground transmission line with associated duct systems running from Dry Mill South Station to Breezy Knoll Station, Breezy Knoll Station, an overhead transmission line running from Breezy Knoll Station to Hamilton Substation, and Hamilton Substation excluding the distribution assets and the 230 kV shunt reactor bank in Hamilton Substation.
NIVO	Two underground transmission lines with associated duct system running from Beaumeade Substation to NIVO Substation, the NIVO Substation excluding distribution assets in NIVO Substation, and the facilities in Beaumeade Substation to facilitate connection of the two new underground transmission lines.

Attachment 10 (Continued)**Section 3 -- Determination of the Total Incremental Undergrounding Costs Revenue Requirement**

The Total Incremental Undergrounding Costs Revenue Requirement shall be determined as set forth in the formula

Instructions:

1. Calculate this formula using data for Year on line 1.
2. On line 1, enter the year.
3. Lines 2a, 2b and 2c are the applicable UG Project Revenue Requirements consistent with the note below from either Attachment 10A if the applicable year is prior to 2015 or from Attachment 10B if the applicable year is after 2014.

Line	Description	Year		
1	Enter the Rate Year	2020		
(In Dollars)				
	(1) Project Name	(2) Requirement	(3) Adjustment Factors	(4) Undergrounding
2a	Garrisonville	\$13,252,769	92.49%	\$12,256,904
2b	Pleasant View	\$9,080,246	23.37%	\$2,121,683
2c	NIVO	\$1,041,076	22.09%	\$229,990
3	Total Incremental Undergrounding Costs Revenue Requirement			\$14,608,577

NOTE: All column 2 amounts are for the year indicated on line 1 and include true-up adjustments for the calendar year that is two years prior to that year. However in the event that a one-time net refund settlement addresses the charges and credits for a calendar year, the true-up adjustment for that calendar year shall equal zero. The revenue requirements in column (2) and column (4) include depreciation, return on capital investment, income taxes, and accumulated deferred income taxes (ADIT), and property taxes in accordance with Opinion No. 555 Order on Initial Decision in FERC Docket No. EL10-49-005. The Adjustment Factors set forth in column (3) are the ratio of the Estimated Incremental Underground Capital Costs divided by the Total Capital Costs shown on page 8 of Opinion No. 555 Order on Initial Decision in FERC Docket No. EL10-49-005 and shall not be changed except pursuant to a filing under the appropriate of Section 205 or 206.

Attachment 10 (Continued)**Section 4 --Annual UG Transmission Rate**

The Annual UG Transmission Rate shall be calculated as follows:

Instructions:

1. On line 6, enter the portion of the amount on line 5 attributable to load located in Virginia as determined by PJM state estimator load bus data at the time of annual peak of the Dominion Zone.

Line	Description	Amounts
4	Total Incremental Undergrounding Costs Revenue Requirement (from Line 3) (dollars per year)	\$14,608,577
5	Dominion Zone NSPL 1 CP Peak from Appendix A, line 169 (in Megawatts)	19,930.5
6	Virginia Portion of the Dominion Zone NSPL (Analysis of PJM load bus data) (in Megawatts)	18,958.9
7	Annual UG Transmission Rate (dollars per MW-year) (line 4 ÷ line 6)	\$770.54

Attachment 10 (Continued)**Section 5 -- Billing**

The UG Transmission Charge shall be billed in accordance with the PJM billing procedure applied to billing the monthly Demand Charge for Zone Network Loads in Section 34.1 of the PJM Tariff, but for purposes of this calculation, the Zone Network Loads (including losses) at the time of the annual peak of the Zone in which the load is located shall include only Virginia loads in the Dominion Zone. If necessary, PJM state estimator load bus MWs at the time of the annual peak of the Dominion Zone shall be used to separate Virginia loads from other loads in the Dominion Zone. VEPCO shall provide to PJM the contribution of each Network Customer's Virginia Portion of the Dominion Zone NSPL. Also, for the purpose of calculating the UG Transmission Charge in accordance with this attachment, the Annual UG Transmission Rate calculated on line 7 above shall be used instead of the rate for Network Integration Transmission Service ("RTZ").

Section 6 -- Revenue Crediting

- A. For calculating the Annual Transmission Revenue Requirement and rate for Network Integration Transmission Service used for billing, the Total UG Project Adjusted Revenue Requirement amount, shown on line 4 of Section 4, shall be included in line 9 of Attachment 3, provided that the Annual Transmission Revenue Requirement is not one of the Annual Transmission Revenue Requirements used to determine refunds to each Network Customer as part of a net refund or charge settlement process that is in addition to the normal formula rate cycle billing process.

- B. For calculating the annual true-up, the UG Transmission Charge revenues received by the Company shall be included in line 9 of Attachment 3, provided that the UG Transmission Charge revenues for the applicable year are not distributed to each Network Customer as part of a net refund or charge settlement process that is in addition to the normal formula rate cycle billing process.

Virginia Electric and Power Company
Attachment 10A - UG Project Revenue Requirement for 2010 - 2014 Calendar Years
Year =

Line #s	Descriptions	Notes	Current Year												Amount		
			Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		Dec	
Inst 1	For each month enter the amount included in Electric Plant in Service attributable to the UG Project for the applicable month.																
Inst 2	For each month enter the amount included in the Accumulated Provision for Depreciation of Electric Plant in Service attributable to the UG Project for the applicable month, and for each year enter the applicable depreciation expense.																
Inst 3	For each year enter the amount of Accumulated Deferred Income Tax (ADIT) attributable to the UG Project for December 31 of each year.																
Inst 4	For each year enter the amount of Property Tax attributable to the UG Project.																
Pleasant View UG Project Revenue Requirement																	
1	Electric Plant in Service	Note 1															
2	Accumulated Depreciation	Note 1															
3	Accumulated Deferred Income Taxes	Note 2															
4	Applicable Rate Base	Note 2															
5	Return	Note 3															
6	Income Taxes associated with Equity Return	Note 3															
7	Transmission Related Income Tax Adjustments	Note 3															
8	Total Income Tax Provision																
9	Depreciation-Transmission																
10	Property Tax																
11	UG Project Revenue Requirement																
12	Projected UG Project Revenue Requirement for Previous Calendar Year	Note 4															
13	Actual UG Project Revenue Requirement for Previous Calendar Year	Note 4															
14	True-Up Adjustment Before Interest for Previous Calendar Year																
15	Future Value Factor (1+) ¹²⁵ months																
16	True-Up Adjustment																
17	UG Project Revenue Requirement including True-Up Adjustment, if applicable																
Note 1	The value in the amount column is calculated using 13 month average balance.																
Note 2	The value in the amount column is calculated using average of beginning and end of year balances.																
Note 3	Per FERC order in Docket No. ER05-1207-002, the ROE for each specific project identified in that order will also include either an 150 or 125 basis point transmission incentive adder as authorized by the Commission. The Incentive for Pleasant View = 125 basis points Authorized Incentive. Adder times the Common Equity % from Appendix A.																
Note 4	Line 122 = 0.0065 These amounts do not include any True-Up Adjustments.																
Garrisonville UG Project Revenue Requirement																	
1	Electric Plant in Service	Note 1															
2	Accumulated Depreciation	Note 1															
3	Accumulated Deferred Income Taxes	Note 2															
4	Applicable Rate Base	Note 2															
5	Return	Note 3															
6	Income Taxes associated with Equity Return	Note 3															
7	Transmission Related Income Tax Adjustments	Note 3															
8	Total Income Tax Provision																
9	Depreciation-Transmission																
10	Property Tax																
11	UG Project Revenue Requirement																
12	Projected UG Project Revenue Requirement for Previous Calendar Year	Note 4															
13	Actual UG Project Revenue Requirement for Previous Calendar Year	Note 4															
14	True-Up Adjustment Before Interest for Previous Calendar Year																
15	Future Value Factor (1+) ¹²⁴ months																
16	True-Up Adjustment																
17	UG Project Revenue Requirement including True-Up Adjustment, if applicable																
Note 1	The value in the amount column is calculated using 13 month average balance.																
Note 2	The value in the amount column is calculated using average of beginning and end of year balances.																
Note 3	Per FERC order in Docket No. ER05-1207-002, the ROE for each specific project identified in that order will also include either an 150 or 125 basis point transmission incentive adder as authorized by the Commission. The Incentive for Garrisonville = 125 basis points Authorized Incentive. Adder times the Common Equity % from Appendix A.																
Note 4	Line 122 = 0.0065 These amounts do not include any True-Up Adjustments.																

Virginia Electric and Power Company

Attachment 10A - UG Project Revenue Requirement for 2010 - 2014 Calendar Years

Year =

Line #s	Descriptions	Notes	Current Year												Amount		
			Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		Dec	
1	Electric Plant in Service	Note 1															
2	Accumulated Depreciation	Note 1															
3	Accumulated Deferred Income Taxes	Note 2															
4	Applicable Rate Base																
5	Return on Assets																
6	Return Taxes associated with Equity Return																
7	Transmission Related Income Tax Adjustments																
8	Total Income Tax Provision																
9	Depreciation-Transmission																
10	Property Tax																
11	UG Project Revenue Requirement																
12	UG Project Revenue Requirement for Previous Calendar Year																
13	Actual UG Project Revenue Requirement for Previous Calendar Year	Note 3															
14	True-Up Adjustment Before Interest for Previous Calendar Year	Note 3															
15	Return on Assets																
16	True-Up Factor (1+)%24 months																
17	UG Project Revenue Requirement including True-Up Adjustment, if applicable																
Note 1	The value in the amount column is calculated using 13 month average balance.																
Note 2	The value in the amount column is calculated using average of beginning and end of year balances.																
Note 3	These amounts do not include any True-Up Adjustments.																

Virginia Electric and Power Company
Attachment 10B - UG Project Revenue Requirement for Calendar Years after 2014
Year = 2020

Pleasant View UG Project Revenue Requirement		Current Year																
Line #s	Descriptions	Notes	Page #s & Instructions	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Amount	
1	Electric Plant in Service	Note 1	Inst. 1	86,031,713	86,031,713	86,031,713	86,031,713	86,031,713	86,031,713	86,031,713	86,031,713	86,031,713	86,031,713	86,031,713	86,031,713	86,031,713	86,031,713	86,031,713
2	Accumulated Depreciation	Note 2	Inst. 2	(16,303,241)	(16,159,632)	(16,159,632)	(16,159,632)	(16,159,632)	(16,159,632)	(16,159,632)	(16,159,632)	(16,159,632)	(16,159,632)	(16,159,632)	(16,159,632)	(16,159,632)	(16,159,632)	(16,159,632)
3	Accumulated Deferred Income Taxes	Note 3	Inst. 3	(3,553,991)	(3,553,991)	(3,553,991)	(3,553,991)	(3,553,991)	(3,553,991)	(3,553,991)	(3,553,991)	(3,553,991)	(3,553,991)	(3,553,991)	(3,553,991)	(3,553,991)	(3,553,991)	(3,553,991)
4	Applicable Rate Base	Note 4	Inst. 4	65,229,728	65,229,728	65,229,728	65,229,728	65,229,728	65,229,728	65,229,728	65,229,728	65,229,728	65,229,728	65,229,728	65,229,728	65,229,728	65,229,728	65,229,728
5	Return	Note 5	Inst. 5	3,085,984	3,085,984	3,085,984	3,085,984	3,085,984	3,085,984	3,085,984	3,085,984	3,085,984	3,085,984	3,085,984	3,085,984	3,085,984	3,085,984	3,085,984
6	Income Taxes associated with Equity Return	Note 6	Inst. 6	(62,547)	(62,547)	(62,547)	(62,547)	(62,547)	(62,547)	(62,547)	(62,547)	(62,547)	(62,547)	(62,547)	(62,547)	(62,547)	(62,547)	(62,547)
7	Transmission Related Income Tax Adjustments	Note 7	Inst. 7	1,453,438	1,453,438	1,453,438	1,453,438	1,453,438	1,453,438	1,453,438	1,453,438	1,453,438	1,453,438	1,453,438	1,453,438	1,453,438	1,453,438	1,453,438
8	Total Income Tax Provision	Note 8	Inst. 8	1,875,491	1,875,491	1,875,491	1,875,491	1,875,491	1,875,491	1,875,491	1,875,491	1,875,491	1,875,491	1,875,491	1,875,491	1,875,491	1,875,491	1,875,491
9	Depreciation-Transmission	Note 9	Inst. 9	164,500	164,500	164,500	164,500	164,500	164,500	164,500	164,500	164,500	164,500	164,500	164,500	164,500	164,500	164,500
10	Property Tax	Note 10	Inst. 10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	UG Project Revenue Requirement	Note 11	Inst. 11	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246
12	Projected UG Project Revenue Requirement for Previous Calendar Year	Note 12	Inst. 12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Actual UG Project Revenue Requirement for Previous Calendar Year	Note 13	Inst. 13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Future Value Factor (1+)(-)/24 months	Note 14	Inst. 14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	True-Up Adjustment	Note 15	Inst. 15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	UG Project Revenue Requirement including True-Up Adjustment, if applicable	Note 16	Inst. 16	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
17	UG Project Revenue Requirement	Note 17	Inst. 17	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246	9,080,246
Note 1				The value in the amount column is calculated using 13 month average balance.														
Note 2				The value in the amount column is calculated using average of beginning and end of year balances.														
Note 3				Per FERC order in Docket No. ER08-1207-002, the ROE for each specific project identified in that order will also include either an 125 or 125 basis point transmission incentive adder as authorized by the Commission. The Incentive for Garrisonville = 125 basis points Authorized Incentive Adder times the Common Equity % from Appendix A.														
Note 4				Line 122 = 0.0065 These amounts do not include any True-Up Adjustments.														

Garrisonville UG Project Revenue Requirement		Current Year															
Line #s	Descriptions	Notes	Page #s & Instructions	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Amount
1	Electric Plant in Service	Note 1	Inst. 1	138,918,173	138,918,173	138,918,173	138,918,173	138,918,173	138,918,173	138,918,173	138,918,173	138,918,173	138,918,173	138,918,173	138,918,173	138,918,173	138,918,173
2	Accumulated Depreciation	Note 2	Inst. 2	(35,447,968)	(35,447,968)	(35,447,968)	(35,447,968)	(35,447,968)	(35,447,968)	(35,447,968)	(35,447,968)	(35,447,968)	(35,447,968)	(35,447,968)	(35,447,968)	(35,447,968)	(35,447,968)
3	Accumulated Deferred Income Taxes	Note 3	Inst. 3	(24,307,711)	(24,307,711)	(24,307,711)	(24,307,711)	(24,307,711)	(24,307,711)	(24,307,711)	(24,307,711)	(24,307,711)	(24,307,711)	(24,307,711)	(24,307,711)	(24,307,711)	(24,307,711)
4	Applicable Rate Base	Note 4	Inst. 4	79,162,494	79,162,494	79,162,494	79,162,494	79,162,494	79,162,494	79,162,494	79,162,494	79,162,494	79,162,494	79,162,494	79,162,494	79,162,494	79,162,494
5	Return	Note 5	Inst. 5	4,478,173	4,478,173	4,478,173	4,478,173	4,478,173	4,478,173	4,478,173	4,478,173	4,478,173	4,478,173	4,478,173	4,478,173	4,478,173	4,478,173
6	Income Taxes associated with Equity Return	Note 6	Inst. 6	(60,714)	(60,714)	(60,714)	(60,714)	(60,714)	(60,714)	(60,714)	(60,714)	(60,714)	(60,714)	(60,714)	(60,714)	(60,714)	(60,714)
7	Transmission Related Income Tax Adjustments	Note 7	Inst. 7	1,656,206	1,656,206	1,656,206	1,656,206	1,656,206	1,656,206	1,656,206	1,656,206	1,656,206	1,656,206	1,656,206	1,656,206	1,656,206	1,656,206
8	Total Income Tax Provision	Note 8	Inst. 8	4,070,664	4,070,664	4,070,664	4,070,664	4,070,664	4,070,664	4,070,664	4,070,664	4,070,664	4,070,664	4,070,664	4,070,664	4,070,664	4,070,664
9	Depreciation-Transmission	Note 9	Inst. 9	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769
10	UG Project Revenue Requirement	Note 10	Inst. 10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Projected UG Project Revenue Requirement for Previous Calendar Year	Note 11	Inst. 11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Actual UG Project Revenue Requirement for Previous Calendar Year	Note 12	Inst. 12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Future Value Factor (1+)(-)/24 months	Note 13	Inst. 13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	True-Up Adjustment	Note 14	Inst. 14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	UG Project Revenue Requirement including True-Up Adjustment, if applicable	Note 15	Inst. 15	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
16	UG Project Revenue Requirement	Note 16	Inst. 16	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769
17	UG Project Revenue Requirement	Note 17	Inst. 17	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769	13,262,769
Note 1				The value in the amount column is calculated using 13 month average balance.													
Note 2				The value in the amount column is calculated using average of beginning and end of year balances.													
Note 3				Per FERC order in Docket No. ER08-1207-002, the ROE for each specific project identified in that order will also include either an 150 or 125 basis point transmission incentive adder as authorized by the Commission. The Incentive for Garrisonville = 125 basis points Authorized Incentive Adder times the Common Equity % from Appendix A.													
Note 4				Line 122 = 0.0065 These amounts do not include any True-Up Adjustments.													

Virginia Electric and Power Company

Attachment 10B - UG Project Revenue Requirement for Calendar Years after 2014
 Year = 2020

Line #s	Descriptions	Notes	Page #s & Instructions	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Amount
1	Electric Plant in Service	Note 1		10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838	10,113,838
2	Accumulated Depreciation	Note 1		(2,371,862)	(2,397,668)	(2,423,394)	(2,449,100)	(2,474,806)	(2,500,512)	(2,526,219)	(2,551,924)	(2,577,630)	(2,603,336)	(2,629,042)	(2,654,748)	(2,680,454)	(2,526,218)
3	Accumulated Deferred Income Taxes	Note 2		(387,872)													(387,872)
4	Applicable Rate Base		Line (1 + 2 + 3)														7,199,748
5	Return on Assets		Line 4 * Appendix A Line (128)														517,748
6	Return on Equity		Line 4 * Appendix A Line (129)														167,199
7	Transmission Related Income Tax Adjustments		Line 6 * Appendix A Line (138) / (139)														(5,228)
8	Total Income Tax Provision		Line (6 + 7)														142,567
9	Depreciation - Transmission		Inst. 1														308,472
10	Property Tax		Inst. 3														18,284
11	UG Project Revenue Requirement		Line (5 + 8 + 9 + 10)														1,041,076
12	Projected UG Project Revenue Requirement for Previous Calendar Year	Note 3															-
13	Actual UG Project Revenue Requirement for Previous Calendar Year	Note 3	Line (13 - 12)														1,000,000
14	True-Up Adjustment Before Interest for Previous Calendar Year		Actual UG Project Revenue Requirement for Previous Calendar Year														-
15	True-Up Adjustment Interest for Previous Calendar Year		Line (14) * 6														-
16	UG Project Revenue Requirement including True-Up Adjustments		Line (11 + 15)														1,041,076
17	UG Project Revenue Requirement including True-Up Adjustments, if applicable		Line (11 + 16)														1,041,076
Note 1	The value in the amount column is calculated using 13 month average balance.																
Note 2	The value in the amount column is calculated using average of beginning and end of year balances.																
Note 3	These amounts do not include any True-Up Adjustments.																

Attachment 11

Capital Investment Recovery of Previous Jointly-Owned Assets

Section 1 -- Purpose

This Attachment 11 determines the appropriate amount of revenue requirement to be assigned to Allegheny Generating Company, Monongahela Power Company, The Potomac Edison Company, and West Penn Power Company (collectively form "Allegheny Power ") to recover the return, income taxes and depreciation and property taxes attributed to the assets acquired by VEPCO in accordance with Schedule 1 and Exhibit C of the Purchase Sale Agreement dated December 11, 2017 by and between Allegheny Generating Company and Virginia Electric and Power Company. These assets are described in Section 2 and collectively are referred to as the "Previous Jointly-Owned Assets".

Section 2 -- Previous Jointly-Owned Assets Descriptions

The Previous Jointly-Owned Assets are generally described below. Each facility may be modified and its costs shall reflect future retirements and additions. To the extent any segment or part of the facility is not eligible for inclusion in Attachment 7, a capital investment revenue requirement shall be determined for that segment or part as determined by this Attachment 11 and Attachment 11A.

a. Bath Assets

- a.i 500 kV Bath-Lexington Transmission Line Previous undivided ownership interest of Allegheny Generating Company in the following assets related to the Bath County hydroelectric facility in Virginia: the Air Entrance Bushings, associated air bus leads that connect from the generator step up transformers to the Air Entrance Bushings on the Gas Insulated Switchgear (GIS) including associated lightning arresters and Coupling Capacitor Potential Devices (CCPDs), the GIS, the 500kV Bath-Lexington transmission line, the 500kV Bath-Valley transmission line and associated protective relaying, control and communications.
- a.ii 500 kV Bath-Valley Transmission Line
- a.iii Bath Substation Transmission Assets

Section 3 -- Determination of the Total Previous Jointly-Owned Assets Capital Investment Revenue Requirement

The Total Previous Jointly-Owned Assets Capital Investment Revenue Requirement shall be determined as set forth in the formula below.

Instructions:

1. Calculate this formula using data for Year on line 1.
2. On line 1, enter the year.
3. Line 2 is the applicable Previous Jointly-Owned Asset's Capital Investment Revenue Requirement consistent with the note below from Attachment 11A.

Line	Description	Year		
1	Enter the Rate Year	2020		
(In Dollars)				
	(1)	(2)	(3)	(4)
	Previous Jointly-Owned Assets Name	Capital Investment Revenue Requirement	Adjustment Factors	Total
2a.i	500 kV Bath-Lexington Transmission Line	\$1,562,695	40.00%	\$625,078
2.a.ii	500 kV Bath-Valley Transmission Line	\$2,428,163	40.00%	\$971,265
2.a.iii	Bath Substation Transmission Assets	\$4,505,261	40.00%	\$1,802,104
3	Total Previous Jointly-Owned Assets' Capital Investment Revenue Requirement			\$3,398,448

NOTE: All column 2 amounts are for the year indicated on line 1 and include true-up adjustments for the calendar year that is two years prior to that year. The revenue requirements in column (2) and column (4) include depreciation, return on capital investment, income taxes, and property taxes.

Attachment 11 (Continued)**Section 4 --Previous Jointly-Owned Assets Monthly Charge**

Line	Description	Amounts
4	Total Previous Jointly-Owned Assets' Capital Investment Revenue Requirement (from Line 3) (dollars per year)	\$3,398,448
5	Previous Jointly-Owned Assets' Capital Monthly Charge (dollars per month) (line 4 ÷ 12 months)	\$283,204

Section 5 -- Billing

PJM shall bill the Previous Jointly-Owned Assets' Monthly Charge to the TO Account specified by Allegheny Power in the Allegheny (APS) Transmission Zone.

Section 6 -- Revenue Crediting

- A. For calculating the Annual Transmission Revenue Requirement and rate for Network Integration Transmission Service used for billing, the Total Previous Jointly-Owned Assets' Capital Investment Revenue Requirement amount, shown on line 4 of Section 4, shall be included in line 9 of Attachment 3.

Virginia Electric and Power Company
 Attachment 11A - Previous Jointly-Owned Assets' Capital Investment Revenue Requirement

Year = 2020

Line #	Description	Notes	Current Year												Amount
			Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	
a.i. Previous Jointly-Owned Assets (600 kV Bath-Longington Transmission Line) Capital Investment Revenue Requirement															
1	Electric Plant in Service	Note 1	23,847,364	23,847,364	23,847,364	23,847,364	23,847,364	23,847,364	23,847,364	23,847,364	23,847,364	23,847,364	23,847,364	23,847,364	23,847,364
2	Accumulated Depreciation	Note 1	(13,913,300)	(13,956,482)	(13,999,664)	(14,042,846)	(14,086,028)	(14,129,210)	(14,172,393)	(14,215,575)	(14,258,757)	(14,301,939)	(14,345,121)	(14,388,303)	(14,431,485)
3	Accumulated Deferred Income Taxes		-	-	-	-	-	-	-	-	-	-	-	-	-
4	Applicable Rate Base		9,844,064	9,844,064	9,844,064	9,844,064	9,844,064	9,844,064	9,844,064	9,844,064	9,844,064	9,844,064	9,844,064	9,844,064	9,844,064
5	Return		194,942	194,942	194,942	194,942	194,942	194,942	194,942	194,942	194,942	194,942	194,942	194,942	194,942
6	Income Taxes associated with Equity Return		(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)
7	Transmission Related Income Tax Adjustments		-	-	-	-	-	-	-	-	-	-	-	-	-
8	Total Income Tax Provision		(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)	(6,854)
9	Depreciation-Transmission		102,305	102,305	102,305	102,305	102,305	102,305	102,305	102,305	102,305	102,305	102,305	102,305	102,305
10	Property Tax		-	-	-	-	-	-	-	-	-	-	-	-	-
11	Previous Jointly-Owned Assets' Capital Investment Revenue Requirement	Note 2	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Projected Assets' Capital Investment Revenue Requirement for Previous Calendar Year	Note 2	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Actual Assets' Capital Investment Revenue Requirement for Previous Calendar Year	Note 2	-	-	-	-	-	-	-	-	-	-	-	-	-
14	True-Up Adjustment Before Interest for Previous Calendar Year		-	-	-	-	-	-	-	-	-	-	-	-	-
15	Future Value Factor (1+17.2% months)		-	-	-	-	-	-	-	-	-	-	-	-	-
16	True-Up Adjustment		-	-	-	-	-	-	-	-	-	-	-	-	-
17	Previous Jointly-Owned Assets' Capital Investment Revenue Requirement including True-Up Adjustment, if applicable		-	-	-	-	-	-	-	-	-	-	-	-	-
Total			36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738
a.ii. Previous Jointly-Owned Assets (600 kV Bath-Valley Transmission Line) Capital Investment Revenue Requirement															
1	Electric Plant in Service	Note 1	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738
2	Accumulated Depreciation	Note 1	(20,983,620)	(21,069,104)	(21,154,587)	(21,240,070)	(21,325,552)	(21,411,035)	(21,496,517)	(21,581,999)	(21,667,481)	(21,752,964)	(21,838,446)	(21,923,928)	(22,009,410)
3	Accumulated Deferred Income Taxes		-	-	-	-	-	-	-	-	-	-	-	-	-
4	Applicable Rate Base		14,990,368	14,990,368	14,990,368	14,990,368	14,990,368	14,990,368	14,990,368	14,990,368	14,990,368	14,990,368	14,990,368	14,990,368	14,990,368
5	Return		1,188,783	1,188,783	1,188,783	1,188,783	1,188,783	1,188,783	1,188,783	1,188,783	1,188,783	1,188,783	1,188,783	1,188,783	1,188,783
6	Income Taxes associated with Equity Return		-	-	-	-	-	-	-	-	-	-	-	-	-
7	Transmission Related Income Tax Adjustments		-	-	-	-	-	-	-	-	-	-	-	-	-
8	Total Income Tax Provision		-	-	-	-	-	-	-	-	-	-	-	-	-
9	Depreciation-Transmission		296,419	296,419	296,419	296,419	296,419	296,419	296,419	296,419	296,419	296,419	296,419	296,419	296,419
10	Property Tax		-	-	-	-	-	-	-	-	-	-	-	-	-
11	Previous Jointly-Owned Assets' Capital Investment Revenue Requirement	Note 2	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Projected Assets' Capital Investment Revenue Requirement for Previous Calendar Year	Note 2	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Actual Assets' Capital Investment Revenue Requirement for Previous Calendar Year	Note 2	-	-	-	-	-	-	-	-	-	-	-	-	-
14	True-Up Adjustment Before Interest for Previous Calendar Year		-	-	-	-	-	-	-	-	-	-	-	-	-
15	Future Value Factor (1+17.2% months)		-	-	-	-	-	-	-	-	-	-	-	-	-
16	True-Up Adjustment		-	-	-	-	-	-	-	-	-	-	-	-	-
17	Previous Jointly-Owned Assets' Capital Investment Revenue Requirement including True-Up Adjustment, if applicable		-	-	-	-	-	-	-	-	-	-	-	-	-
Total			36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738	36,641,738
a.iii. Previous Jointly-Owned Assets (Bath Substation Transmission Assets) Capital Investment Revenue Requirement															
1	Electric Plant in Service	Note 1	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050
2	Accumulated Depreciation	Note 1	(14,591,453)	(15,103,639)	(15,615,825)	(16,128,011)	(16,640,197)	(17,152,383)	(17,664,569)	(18,176,755)	(18,688,941)	(19,201,127)	(19,713,313)	(20,225,499)	(20,737,685)
3	Accumulated Deferred Income Taxes		-	-	-	-	-	-	-	-	-	-	-	-	-
4	Applicable Rate Base		2,353,190	2,353,190	2,353,190	2,353,190	2,353,190	2,353,190	2,353,190	2,353,190	2,353,190	2,353,190	2,353,190	2,353,190	2,353,190
5	Return		609,267	609,267	609,267	609,267	609,267	609,267	609,267	609,267	609,267	609,267	609,267	609,267	609,267
6	Income Taxes associated with Equity Return		-	-	-	-	-	-	-	-	-	-	-	-	-
7	Transmission Related Income Tax Adjustments		-	-	-	-	-	-	-	-	-	-	-	-	-
8	Total Income Tax Provision		-	-	-	-	-	-	-	-	-	-	-	-	-
9	Depreciation-Transmission		1,346,753	1,346,753	1,346,753	1,346,753	1,346,753	1,346,753	1,346,753	1,346,753	1,346,753	1,346,753	1,346,753	1,346,753	1,346,753
10	Property Tax		-	-	-	-	-	-	-	-	-	-	-	-	-
11	Previous Jointly-Owned Assets' Capital Investment Revenue Requirement	Note 2	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Projected Assets' Capital Investment Revenue Requirement for Previous Calendar Year	Note 2	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Actual Assets' Capital Investment Revenue Requirement for Previous Calendar Year	Note 2	-	-	-	-	-	-	-	-	-	-	-	-	-
14	True-Up Adjustment Before Interest for Previous Calendar Year		-	-	-	-	-	-	-	-	-	-	-	-	-
15	Future Value Factor (1+17.2% months)		-	-	-	-	-	-	-	-	-	-	-	-	-
16	True-Up Adjustment		-	-	-	-	-	-	-	-	-	-	-	-	-
17	Previous Jointly-Owned Assets' Capital Investment Revenue Requirement including True-Up Adjustment, if applicable		-	-	-	-	-	-	-	-	-	-	-	-	-
Total			45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050	45,894,050
Notes:															
Note 1	The value in the amount column is calculated using 13 month average balance.														
Note 2	These amounts do not include any True-Up Adjustments.														

Attachment 11
PATH Formula Rate for January 1, 2022 to December 31, 2022



1301 K Street, NW
Suite 500 East
Washington, D.C. 20005

(202) 973-4200
Fax: (202) 973-4299
www.dwt.com

September 1, 2021

To: Parties to FERC Docket No. ER08-386-000

**Re: Potomac-Appalachian Transmission Highline, LLC
PJM Open Access Transmission Tariff, Attachment H-19
Projected Transmission Revenue Requirement for Rate Year 2022**

Pursuant to Section IV of the Formula Rate Implementation Protocols (“Protocols”) set forth in Attachment H-19B of the PJM Interconnection, L.L.C. (“PJM”) Open Access Transmission Tariff (“OATT”), Potomac-Appalachian Transmission Highline, LLC (“PATH”), on behalf of its operating companies PATH West Virginia Transmission Company, LLC and PATH Allegheny Transmission Company, LLC, is submitting a Projected Transmission Revenue Requirement for Rate Year 2022 (“2022 PTRR”) to PJM for posting.

The 2022 PTRR was developed pursuant to the PATH formula rate as set forth in Attachment H-19 of the PJM OATT. PATH has asked PJM to post a copy of the 2022 PTRR to the transmission service formula rates section of its internet site, located at:

<http://www.pjm.com/markets-and-operations/billing-settlements-and-credit/formula-rates.aspx>

A copy of the 2022 PTRR is attached. Pursuant to Section IV.C of the Protocols, within two business days of this submission to PJM, PATH will provide notice on PJM’s website of the date, time, and location of an open meeting among the Interested Parties.

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Portland | San Francisco | Seattle | Washington, D.C.

For the 12 months ended 12/31/2022

SUMMARY

	PATH West Virginia Transmission Company, LLC (PATH-WV) (1)	PATH Allegheny Transmission Company, LLC (PATH- Allegheny) (2)	Potomac-Appalachian Transmission Highline, LLC (3) = (1) + (2)
1 NET REVENUE REQUIREMENT	\$832,191 (A)	\$860,915 (B)	\$1,693,105
2 PJM Project No.			
3 b0490 & b0491	\$832,191 (C)		\$832,191
4 b0492 & b0560		\$860,915 (D)	\$860,915
5			
6 Total (Sum lines 3 to 5)	<u>\$832,191</u>	<u>\$860,915</u>	<u>\$1,693,105</u>

Sources:

- (A) Rate Formula Template, page 2, line 5, col. (3)
(B) Rate Formula Template, page 7, line 5, col. (3)
(C) Rate Formula Template - Attachment 5, page 30 col., (7)
(D) Rate Formula Template - Attachment 5, page 31 col., (6)

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

PATH West Virginia Transmission Company, LLC

For the 12 months ended 12/31/2022

Line No.	(1)	(2)	(3)
			Allocated Amount
1	GROSS REVENUE REQUIREMENT (line 86)	12 months	\$ 674,567
REVENUE CREDITS			
2	Total Revenue Credits Attachment 1, line 12	<u>Total</u> 0	
3	True-up Adjustment with Interest Protocols	TP 1.00000	\$ -
4a	Accelerated True-up Adjustment with Interest	DA 1.00000	\$ 157,624
4b	Interest on Gains or Recoveries in Account 254 Company Records	DA 1.00000	\$ -
5	NET REVENUE REQUIREMENT (Lines 1 minus line 2 plus line 3 plus line 4a and 4b)		<u>\$ 832,191</u>

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

Line No.	(1) RATE BASE:	PATH West Virginia Transmission Company, LLC				(5) Transmission (Col 3 times Col 4)
		(2) Form No. 1 Page, Line, Col.	(3) Company Total	(4) Allocator		
6	GROSS PLANT IN SERVICE					
6	Production	(Attachment 4)	-	NA	0.00000	-
7	Transmission	(Attachment 4)	-	TP	1.00000	-
8	Distribution	(Attachment 4)	-	NA	0.00000	-
9	General & Intangible	(Attachment 4)	-	W/S	1.00000	-
10	Common	(Attachment 4)	-	CE	1.00000	-
11	TOTAL GROSS PLANT (sum lines 6-10)	(GP=1 if plant =0)	-	GP=	1.00000	-
12	ACCUMULATED DEPRECIATION					
13	Production	(Attachment 4)	-	NA	0.00000	-
14	Transmission	(Attachment 4)	-	TP	1.00000	-
15	Distribution	(Attachment 4)	-	NA	0.00000	-
16	General & Intangible	(Attachment 4)	-	W/S	1.00000	-
17	Common	(Attachment 4)	-	CE	1.00000	-
18	TOTAL ACCUM. DEPRECIATION (sum lines 13-17)		-			-
19	NET PLANT IN SERVICE					
20	Production	(line 6- line 13)	-			-
21	Transmission	(line 7- line 14)	-			-
22	Distribution	(line 8- line 15)	-			-
23	General & Intangible	(line 9- line 16)	-			-
24	Common	(line 10- line 17)	-			-
25	TOTAL NET PLANT (sum lines 20-24)	(NP=1 if plant =0)	-	NP=	1.0000	-
26	ADJUSTMENTS TO RATE BASE (Note A)					
27	Account No. 281 (enter negative)	(Attachment 4)	-	NA	0.00000	-
28	Account No. 282 (enter negative)	(Attachment 4)	-	NP	1.00000	-
29	Account No. 283 (enter negative)	(Attachment 4)	1,482,299	NP	1.00000	1,482,299
30	Account No. 190	(Attachment 4)	3,375,222	NP	1.00000	3,375,222
31	Account No. 255 (enter negative)	(Attachment 4)	-	NP	1.00000	-
32	CWIP	(Attachment 4)	-	DA	1.00000	-
33	Unamortized Regulatory Asset	(Attachment 4)	-	DA	1.00000	-
34	Unamortized Abandoned Plant	(Attachment 4)	-	DA	1.00000	-
35	TOTAL ADJUSTMENTS (sum lines 27-34)		4,857,521			4,857,521
36	LAND HELD FOR FUTURE USE	(Attachment 4)	-	TP	1.00000	-
37	WORKING CAPITAL (Note C)					
38	CWC	calculated	36,362			36,362
39	Materials & Supplies (Note B)	(Attachment 4)	-	TE	1.00000	-
40	Prepayments (Account 165 - Note C)	(Attachment 4)	-	GP	1.00000	-
41	TOTAL WORKING CAPITAL (sum lines 38-40)		36,362			36,362
42	RATE BASE (sum lines 25, 35, 36, & 41)		4,893,883			4,893,883

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

		PATH West Virginia Transmission Company, LLC				
(1)	(2)	(3)	(4)	(5)		
	Form No. 1 Page, Line, Col.	Company Total	Allocator	Transmission (Col 3 times Col 4)		
43	O&M					
44	Transmission	321.112.b	-	TE	1.00000	-
45	Less Account 565	321.96.b	-	TE	1.00000	-
46	Less Account 566 (Misc Trans Expense)	Line 56	-	DA	1.00000	-
47	A&G	323.197.b	285,334	W/S	1.00000	285,334
48	Less EPRI & Reg. Comm. Exp. & Other Ad.	(Note D & Attach 4)	-	DA	1.00000	-
49	Plus Transmission Related Reg. Comm. Exp	(Note D & Attach 4)	-	TE	1.00000	-
50	PBOP Expense adjustment	(Attachment 4)	5,565			5,565
51	Common	(Attachment 4)	-	CE	1.00000	-
52	Transmission Lease Payments	200.4.c	-	DA	1.00000	-
53	Account 566					
54	Amortization of Regulatory Asset	Attachment 4	-	DA	1.00000	-
55	Miscellaneous Transmission Expense	Attachment 4	-	DA	1.00000	-
56	Total Account 566		-			-
57	TOTAL O&M (sum lines 44, 47, 49, 50, 51, 52, 56 less lines 45, 46 & 48)		290,899			290,899
58	DEPRECIATION EXPENSE					
59	Transmission	336.7.b & c	-	TP	1.00000	-
60	General and Intangible	336.1.d&e + 336.10.b&c	-	W/S	1.00000	-
61	Common	336.11.b&c	-	CE	1.00000	-
62	Amortization of Abandoned Plant	(Attachment 4)	-	DA	1.00000	-
63	TOTAL DEPRECIATION (Sum lines 59-62)		-			-
64	TAXES OTHER THAN INCOME TAXES (Note E)					
65	LABOR RELATED					
66	Payroll	263i	-	W/S	1.00000	-
67	Highway and vehicle	263i	-	W/S	1.00000	-
68	PLANT RELATED					
69	Property	263i	-	GP	1.00000	-
70	Gross Receipts	263i	-	NA	0.00000	-
71	Other	263i	-	GP	1.00000	-
72	Payments in lieu of taxes		-	GP	1.00000	-
73	TOTAL OTHER TAXES (sum lines 66-72)		-			-
74	INCOME TAXES (Note F)					
75	$T = 1 - \frac{\{(1 - \text{SIT}) * (1 - \text{FIT})\}}{(1 - \text{SIT} * \text{FIT} * p)}$		26.14%			
76	$\text{CIT} = (T/1-T) * (1 - (\text{WCLTD}/\text{R}))$		22.40%			
77	where WCLTD=(line 118) and R= (line 121)					
78	and FIT, SIT & p are as given in footnote F.					
79	$1 / (1 - T) = (T \text{ from line } 75)$		1.3538			
80	Amortized Investment Tax Credit (266.8f) (enter negative)		0			
81	Income Tax Calculation = line 76 * line 85		70,215	NA		70,215
82	ITC adjustment (line 79 * line 80)		0	NP	1.00000	-
83	Total Income Taxes (line 81 plus line 82)		70,215			70,215
84	RETURN					
85	[Rate Base (line 42) * Rate of Return (line 121)]		313,453	NA		313,453
86	REV. REQUIREMENT (sum lines 57, 63, 73, 83, 85)		674,567			674,567

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

PATH West Virginia Transmission Company, LLC
SUPPORTING CALCULATIONS AND NOTES

87	TRANSMISSION PLANT INCLUDED IN ISO RATES									
88	Total transmission plant (line 7, column 3)									0
89	Less transmission plant excluded from ISO rates (Note H)									0
90	Less transmission plant included in OATT Ancillary Services (Note H)									0
91	Transmission plant included in ISO rates (line 88 less lines 89 & 90)									0
92	Percentage of transmission plant included in ISO Rates (line 91 divided by line 88) [If line 88 equal zero, enter 1]						TP=			1.0000
93	TRANSMISSION EXPENSES									
94										
95	Total transmission expenses (line 44, column 3)									0
96	Less transmission expenses included in OATT Ancillary Services (Note G)									0
97	Included transmission expenses (line 95 less line 96)									0
98	Percentage of transmission expenses after adjustment (line 97 divided by line 95) [If line 95 equal zero, enter 1]									1.00000
99	Percentage of transmission plant included in ISO Rates (line 92)						TP			1.00000
100	Percentage of transmission expenses included in ISO Rates (line 98 times line 99)						TE=			1.00000
101	WAGES & SALARY ALLOCATOR (W&S)									
102		Form 1 Reference	\$	TP		Allocation				
103	Production	354.20.b	0							
104	Transmission	354.21.b	0	1.00		0				
105	Distribution	354.23.b	0							
106	Other	354.24,25,26.b	0							
107	Total (sum lines 103-106) [TP equals 1 if there are no wages & salaries]		0			0	=		1.00000	=
										WS
108	COMMON PLANT ALLOCATOR (CE) (Note I)									
109			\$			% Electric				
110	Electric	200.3.c	0			(line 110 / line 113)				
111	Gas	201.3.d	0			1.00000	x			
112	Water	201.3.e	0							
113	Total (sum lines 110 - 112)		0							
										CE
										1.00000
114	RETURN (R)									
										\$
115										
116										
117			\$	%		Cost				Weighted
118	Long Term Debt (Note K)	(Attachment 4)	0	50%		4.70%				0.0235 =WCLTD
119	Preferred Stock	(Attachment 4)	0	0%		0.00%				0.0000
120	Common Stock (Note J)	(Attachment 4)	0	50%		8.11%				0.0406
121	Total (sum lines 118-120)		0							0.0641 =R

SUPPORTING CALCULATIONS AND NOTES

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data**PATH West Virginia Transmission Company, LLC**

General Note: References to pages in this formulary rate are indicated as: (page#, line#, col.#)

References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

Note
Letter

- A The balances in Accounts 190, 281, 282 and 283, as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109. Balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note F. Account 281 is not allocated.
- B Identified in Form 1 as being only transmission related.
- C Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission
Prepayments are the electric related prepayments booked to Account No. 165 and reported on Pages 110-111 line 57 in the Form 1.
- D EPRI Annual Membership Dues listed in Form 1 at 353.f, all Regulatory Commission Expenses itemized at 351.h, except safety, education and out-reach related advertising included in Account 930.1. Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
- E Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year.
Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
- F 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". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, 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) multiplied by (1/1-T) (page 4, line 79).
- | | | | |
|------------------|-------|--------|---|
| Inputs Required: | FIT = | 21.00% | |
| | SIT= | 6.50% | (State Income Tax Rate or Composite SIT from Attachment 4) |
| | p = | 0.00% | (percent of federal income tax deductible for state purposes) |
- G Removes dollar amount of transmission expenses included in the OATT ancillary services rates, if any.
- H Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed to included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- I Enter dollar amounts
- J Effective January 19, 2017, the ROE will be 8.11%. The true up for Rate Year 2017 will be computed using an ROE that is a time-weighted average of the pre-January 19, 2017 ROE and the post-January 19, 2017 ROE. Example Calculation: For the first 18 days of 2017, the authorized ROE will be 10.4%, and for the remaining 347 days of 2017, the authorized ROE will be 8.11%. Therefore, the weighted ROE = (18 days* 10.40% + 347 days*8.11%)/365 days=8.22%.
- K The percentage shown for Long Term Debt is subject to the Annual Update and Attachment 9. Pursuant to the Stipulation Agreement entered into on April 6, 2015 in FERC Docket Nos. ER09-1256-002 and ER12-2708-003, the Long Term Debt rate is 4.70% effective December 1, 2012.

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

PATH Allegheny Transmission Company, LLC

For the 12 months ended 12/31/2022

Line No.		(1)	(2)	(3)
				Allocated Amount
1	GROSS REVENUE REQUIREMENT (line 86)		12 months	\$ 129,950
REVENUE CREDITS				
2	Total Revenue Credits	Attachment 1, line 12	Total	
3	True-up Adjustment with Interest	Protocols	0	TP 1.00000
4a	Accelerated True-up Adjustment with Interest		730,964	DA 1.00000
4b	Interest on Gains or Recoveries in Account 254	Company Records	0	DA 1.00000
5	NET REVENUE REQUIREMENT (Lines 1 minus line 2 plus line 3 plus line 4a and 4b)			\$ 860,915

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2022

Line No.	(1) RATE BASE:	PATH Allegheny Transmission Company, LLC				(5) Transmission (Col 3 times Col 4)
		(2) Form No. 1 Page, Line, Col.	(3) Company Total	(4) Allocator		
	GROSS PLANT IN SERVICE					
6	Production	(Attachment 4)	-	NA	0.00000	-
7	Transmission	(Attachment 4)	-	TP	1.00000	-
8	Distribution	(Attachment 4)	-	NA	0.00000	-
9	General & Intangible	(Attachment 4)	-	W/S	1.00000	-
10	Common	(Attachment 4)	-	CE	1.00000	-
11	TOTAL GROSS PLANT (sum lines 6-10)	(GP=1 if plant =0)	-	GP=	1.00000	-
	ACCUMULATED DEPRECIATION					
12	Production	(Attachment 4)	-	NA	0.00000	-
13	Transmission	(Attachment 4)	-	TP	1.00000	-
14	Distribution	(Attachment 4)	-	NA	0.00000	-
15	General & Intangible	(Attachment 4)	-	W/S	1.00000	-
16	Common	(Attachment 4)	-	CE	1.00000	-
17	TOTAL ACCUM. DEPRECIATION (sum lines 13-17)		-			-
	NET PLANT IN SERVICE					
19	Production	(line 6- line 13)	-			-
20	Transmission	(line 7- line 14)	-			-
21	Distribution	(line 8- line 15)	-			-
22	General & Intangible	(line 9- line 16)	-			-
23	Common	(line 10- line 17)	-			-
24	TOTAL NET PLANT (sum lines 20-24)	(NP=1 if plant =0)	-	NP=	1.0000	-
	ADJUSTMENTS TO RATE BASE (Note A)					
26	Account No. 281 (enter negative)	(Attachment 4)	-	NA	0.00000	-
27	Account No. 282 (enter negative)	(Attachment 4)	-	NP	1.00000	-
28	Account No. 283 (enter negative)	(Attachment 4)	-	NP	1.00000	-
29	Account No. 190	(Attachment 4)	392,797	NP	1.00000	392,797
30	Account No. 255 (enter negative)	(Attachment 4)	-	NP	1.00000	-
31	CWIP	(Attachment 4)	-	DA	1.00000	-
32	Unamortized Regulatory Asset	(Attachment 4)	-	DA	1.00000	-
33	Unamortized Abandoned Plant	(Attachment 4)	-	DA	1.00000	-
34	TOTAL ADJUSTMENTS (sum lines 27-34)		392,797			392,797
35	LAND HELD FOR FUTURE USE	(Attachment 4)	-	TP	1.00000	-
	WORKING CAPITAL (Note C)					
37	CWC	calculated	12,416			12,416
38	Materials & Supplies (Note B)	(Attachment 4)	-	TE	1.00000	-
39	Prepayments (Account 165 - Note C)	(Attachment 4)	-	GP	1.00000	-
40	TOTAL WORKING CAPITAL (sum lines 38-40)		12,416			12,416
41	RATE BASE (sum lines 25, 35, 36, & 41)		405,213			405,213

Formula Rate - Non-Levelized		Attachment A Rate Formula Template Utilizing FERC Form 1 Data				For the 12 months ended 12/31/2022
(1)	(2)	(3)	(4)	(5)		
		PATH Allegheny Transmission Company, LLC				
		Form No. 1 Page, Line, Col.	Company Total	Allocator	Transmission (Col 3 times Col 4)	
43	O&M					
44	Transmission	321.112.b	5,351	TE 1.00000	5,351	
45	Less Account 565	321.96.b	-	TE 1.00000	-	
46	Less Account 566	Line 56	5,351	DA 1.00000	5,351	
47	A&G	323.197.b	93,979	W/S 1.00000	93,979	
48	Less EPRI & Reg. Comm. Exp. & Other Ad.	(Note D & Attach 4)	-	DA 1.00000	-	
49	Plus Transmission Related Reg. Comm. Exp.	(Note D & Attach 4)	-	TE 1.00000	-	
50	PBOP Expense adjustment	(Attachment 4)	-	-	-	
51	Common	(Attachment 4)	-	CE 1.00000	-	
52	Transmission Lease Payments	200.4.c	-	DA 1.00000	-	
53	Account 566					
54	Amortization of Regulatory Asset	Attachment 4	-	DA 1.00000	-	
55	Miscellaneous Transmission Expense	Attachment 4	5,351	DA 1.00000	5,351	
56	Total Account 566		5,351		5,351	
57	TOTAL O&M (sum lines 44, 47, 49, 50, 51, 52, 56 less lines 45,46, 48)		99,330		99,330	
58	DEPRECIATION EXPENSE					
59	Transmission	336.7.b & c	-	TP 1.00000	-	
60	General and Intangible	336.1.d&e + 336.10.b.c.d&e	-	W/S 1.00000	-	
61	Common	336.11.b & c	-	CE 1.00000	-	
62	Amortization of Abandoned Plant	(Attachment 4)	-	DA 1.00000	-	
63	TOTAL DEPRECIATION (Sum lines 59-62)		-		-	
64	TAXES OTHER THAN INCOME TAXES (Note E)					
65	LABOR RELATED					
66	Payroll	263i	-	W/S 1.00000	-	
67	Highway and vehicle	263i	-	W/S 1.00000	-	
68	PLANT RELATED					
69	Property	263i	-	GP 1.00000	-	
70	Gross Receipts	263i	-	NA 0.00000	-	
71	Other	263i	-	GP 1.00000	-	
72	Payments in lieu of taxes		-	GP 1.00000	-	
73	TOTAL OTHER TAXES (sum lines 66-72)		-		-	
74	INCOME TAXES	(Note F)				
75	$T=1 - \{(1 - \text{SIT}) * (1 - \text{FIT})\} / (1 - \text{SIT} * \text{FIT} * p) =$		22.12%			
76	$\text{CIT}=(T/1-T) * (1-(\text{WCLTD}/R)) =$		17.98%			
77	where WCLTD=(line 118) and R=(line 121)					
78	and FIT, SIT & p are as given in footnote F.					
79	$1 / (1 - T) = (T \text{ from line 75})$		1.2840			
80	Amortized Investment Tax Credit (266.8f) (enter negative)		0			
81	Income Tax Calculation = line 76 * line 85		4,666	NA	4,666	
82	ITC adjustment (line 79 * line 80)		0	NP 1.00000	-	
83	Total Income Taxes (line 81 plus line 82)		4,666		4,666	
84	RETURN					
85	[Rate Base (line 42) * Rate of Return (line 121)]		25,954	NA	25,954	
86	REV. REQUIREMENT (sum lines 57, 63, 73, 83, 85)		129,950		129,950	

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2022

PATH Allegheny Transmission Company, LLC
SUPPORTING CALCULATIONS AND NOTES

87	TRANSMISSION PLANT INCLUDED IN ISO RATES							
88	Total transmission plant (line 7, column 3)						0	
89	Less transmission plant excluded from ISO rates (Note H)						0	
90	Less transmission plant included in OATT Ancillary Services (Note H)						0	
91	Transmission plant included in ISO rates (line 88 less lines 89 & 90)						0	
92	Percentage of transmission plant included in ISO Rates (line 91 divided by line 88) [If line 88 equal zero, enter 1]				TP=		1.0000	
93	TRANSMISSION EXPENSES							
94								
95	Total transmission expenses (line 44, column 3)						5,351	
96	Less transmission expenses included in OATT Ancillary Services (Note G)						0	
97	Included transmission expenses (line 95 less line 96)						5,351	
98	Percentage of transmission expenses after adjustment (line 97 divided by line 95) [If line 95 equal zero, enter 1]						1.00000	
99	Percentage of transmission plant included in ISO Rates (line 92)				TP		1.00000	
100	Percentage of transmission expenses included in ISO Rates (line 98 times line 99)				TE=		1.00000	
101	WAGES & SALARY ALLOCATOR (W&S)							
102		Form 1 Reference	\$	TP	Allocation			
103	Production	354.20.b	0					
104	Transmission	354.21.b	0	1.00	0			
105	Distribution	354.23.b	0					W&S Allocator
106	Other	354.24,25,26.b	0	1.00	0			(\$ / Allocation)
107	Total (sum lines 103-106) [TP equals 1 if there are no wages & salaries]		0		0	=	1.00000	= WS
108	COMMON PLANT ALLOCATOR (CE) (Note I)							
109			\$		% Electric		W&S Allocator	
110	Electric	200.3.c	0		(line 110 / line 113)		(line 107)	CE
111	Gas	201.3.d	0		1.00000	x	1.00000	= 1.00000
112	Water	201.3.e	0					
113	Total (sum lines 110 - 112)		0					
114	RETURN (R)						\$	
115								
116								
117			\$	%	Cost		Weighted	
118	Long Term Debt (Note K)	(Attachment 4)	0	50%	4.70%		0.0235	=WCLTD
119	Preferred Stock	(Attachment 4)	0	0%	0.00%		0.0000	
120	Common Stock (Note J)	(Attachment 4)	0	50%	8.11%		0.0406	
121	Total (sum lines 118-120)		0				0.0641	=R

SUPPORTING CALCULATIONS AND NOTES

Formula Rate - Non-Levelized

Attachment A
Rate Formula Template
Utilizing FERC Form 1 Data

PATH Allegheny Transmission Company, LLC

For the 12 months ended 12/31/2022

General Note: References to pages in this formulary rate are indicated as: (page#, line#, col.#)

References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

Note
Letter

- A The balances in Accounts 190, 281, 282 and 283, as adjusted by any amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109. Balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note F. Account 281 is not allocated.
- B Identified in Form 1 as being only transmission related.
- C Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission
Prepayments are the electric related prepayments booked to Account No. 165 and reported on Pages 110-111 line 57 in the Form 1.
- D EPRI Annual Membership Dues listed in Form 1 at 353.f, all Regulatory Commission Expenses itemized at 351.h, except safety, education, siting and out-reach related advertising included in Account 930.1. Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
- E Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year.
Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
- F 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". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, 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) multiplied by (1/1-T) (page 9, line 79).
- | | | | |
|------------------|-------|--------|---|
| Inputs Required: | FIT = | 21.00% | |
| | SIT= | 1.42% | (State Income Tax Rate or Composite SIT from Attachment 4) |
| | p = | 0.00% | (percent of federal income tax deductible for state purposes) |
- G Removes dollar amount of transmission expenses included in the OATT ancillary services rates, if any.
- H Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed to included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- I Enter dollar amounts
- J Effective January 19, 2017, the ROE will be 8.11%. The true up for Rate Year 2017 will be computed using an ROE that is a time-weighted average of the pre-January 19, 2017 ROE and the post-January 19, 2017 ROE. Example Calculation: For the first 18 days of 2017, the authorized ROE will be 10.4%, and for the remaining 347 days of 2017, the authorized ROE will be 8.11%. Therefore, the weighted ROE = (18 days* 10.40% + 347 days*8.11%)/365 days=8.22%.
- K The percentage shown for Long Term Debt is subject to the Annual Update and Attachment 9. Pursuant to the Stipulation Agreement entered into on April 6, 2015 in FERC Docket Nos. ER09-1256-002 and ER12-2708-003, the Long Term Debt rate is 4.70% effective December 1, 2012.

**Attachment 1 - Revenue Credit Workpaper
PATH West Virginia Transmission Company, LLC**

Account 454 - Rent from Electric Property

1 Rent from FERC Form No. 1 - Note 6		-
2 Other Electric Revenues	See	-
3 Schedule 1A		-
4 PTP Serv revs for which the load is not included in the divisor received by TO		-
5 PJM Transitional Revenue Neutrality (Note 1)		-
6 PJM Transitional Market Expansion (Note 1)		-
7 Professional Services (Note 3)		-
8 Revenues from Directly Assigned Transmission Facility Charges (Note 2)		-
9 Rent or Attachment Fees associated with Transmission Facilities (Note 3)		-
10 Gross Revenue Credits	Sum lines 2-9 + line 1	-
11 Less line 20	less line 18	-
12 Total Revenue Credits	line 10 + line 11	-
13 Revenues associated with lines 13 thru 18 are to be included in lines 1-9 and total of those revenues entered here		-
14 Income Taxes associated with revenues in line 15		-
15 One half margin (line 13 - line 14)/2		-
16 All expenses (other than income taxes) associated with revenues in line 13 that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service at issue.		-
17 Line 15 plus line 16		-
18 Line 13 less line 17		-
Note 1	All revenues related to transmission that are received as a transmission owner (i.e., not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this attachment or elsewhere in the formula will be included as a revenue credit or included in the peak on page 2, line 2 of Rate Formula Template.	
Note 2	If the costs associated with the Directly Assigned Transmission Facility Charges are included in the Rates, the associated revenues are included in the Rates. If the costs associated with the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated revenues are not included in the Rates.	
Note 3	Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of-way leases and leases for space on transmission facilities for telecommunications; (2) transmission tower licenses for wireless antennas; (3) right-of-way property leases for farming, grazing or nurseries; (4) licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5) transmission maintenance and consulting services (including energized circuit maintenance, high-voltage substation maintenance, safety training, transformer oil testing, and circuit breaker testing) to other utilities and large customers (collectively, products). DLC will retain 50% of net revenues consistent with <i>Pacific Gas and Electric Company</i> , 90 FERC ¶ 61,314. Note: in order to use lines 15 - 20, the utility must track in separate subaccounts the revenues and costs associated with each secondary use (except for the cost of the associated income taxes).	
Note 4	If the facilities associated with the revenues are not included in the formula, the revenue is shown here, but not included in the total above and explained in the Cost Support. For example revenues associated with distribution facilities. In addition Revenues from Schedule 12 are not included in the total above to the extent they are credited under Schedule 12.	

**Attachment 1 - Revenue Credit Workpaper
PATH West Virginia Transmission Company, LLC**

Note 5 Other electric Revenues - includes revenues for various related electricity products/premium services such as surge protectors and appliance guards

Note 6 All Account 454 and 456 Revenues must be itemized below

Account 454	Include	\$
Joint pole attachments - telephone	Include	-
Joint pole attachments - cable	Include	-
Underground rentals	Include	-
Transmission tower wireless rentals	Include	-
Other rentals	Include	-
Corporate headquarters sublease	Include	-
Misc non-transmission rentals	Include	-
Customer commitment services	Include	-
xxxx		
xxxx		
Total		-
Account 456	Include	-
Other electric revenues	Include	-
Transmission Revenue - Firm	Include	-
Transmission Revenue - Non-Firm	Include	-
xxxx		-
xxxx		-
xxxx		-
xxxx		-
xxxx		-
xxxx		-
xxxx		-
Total		-
Total Account 454 and 456 included		-
Payments by PJM of the revenue requirement calculated on Rate Formula Template	Exclude	-
Total Account 454 and 456 included and excluded		-

**Attachment 1 - Revenue Credit Workpaper
PATH Allegheny Transmission Company, LLC**

Account 454 - Rent from Electric Property

1	Rent from FERC Form No. 1 - Note 6		-
2	Other Electric Revenues	See Note 5	-
3	Schedule 1A		-
4	PTP Serv revs for which the load is not included in the divisor received by TO		-
5	PJM Transitional Revenue Neutrality (Note 1)		-
6	PJM Transitional Market Expansion (Note 1)		-
7	Professional Services (Note 3)		-
8	Revenues from Directly Assigned Transmission Facility Charges (Note 2)		-
9	Rent or Attachment Fees associated with Transmission Facilities (Note 3)		-
10	Gross Revenue Credits	Sum lines 2-9 + line 1	-
11	Less line 20	less line 18	-
12	Total Revenue Credits	line 10 + line 11	-
13	Revenues associated with lines 13 thru 18 are to be included in lines 1-9 and total of those revenues entered here		-
14	Income Taxes associated with revenues in line 15		-
15	One half margin (line 13 - line 14)/2		-
16	All expenses (other than income taxes) associated with revenues in line 13 that are included in FERC accounts recovered through the formula times the allocator used to functionalize the amounts in the FERC account to the transmission service at issue.		-
17	Line 15 plus line 16		-
18	Line 13 less line 17		-

Note 1 All revenues related to transmission that are received as a transmission owner (i.e., not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this attachment or elsewhere in the formula will be included as a revenue credit or included in the peak on page 7, line 2 of Rate Formula Template.

Note 2 If the costs associated with the Directly Assigned Transmission Facility Charges are included in the Rates, the associated revenues are included in the Rates. If the costs associated with the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated revenues are not included in the Rates.

Note 3 Ratemaking treatment for the following specified secondary uses of transmission assets: (1) right-of-way leases and leases for space on transmission facilities for telecommunications; (2) transmission tower licenses for wireless antennas; (3) right-of-way property leases for farming, grazing or nurseries; (4) licenses of intellectual property (including a portable oil degasification process and scheduling software); and (5) transmission maintenance and consulting services (including energized circuit maintenance, high-voltage substation maintenance, safety training, transformer oil testing, and circuit breaker testing) to other utilities and large customers (collectively, products). DLC will retain 50% of net revenues consistent with *Pacific Gas and Electric Company*, 90 FERC ¶ 61,314. Note: in order to use lines 15 - 20, the utility must track in separate subaccounts the revenues and costs associated with each secondary use (except for the cost of the associated income taxes).

Note 4 If the facilities associated with the revenues are not included in the formula, the revenue is shown here, but not included in the total above and explained in the Cost Support. For example revenues associated with distribution facilities. In addition Revenues from Schedule 12 are not included in the total above to the extent they are credited under Schedule 12.

Note 5 Other electric Revenues - includes revenues for various related electricity products/premium services such as surge protectors and appliance guards

**Attachment 1 - Revenue Credit Workpaper
PATH Allegheny Transmission Company, LLC**

Note 6	All Account 454 and 456 Revenues must be itemized below		
	Account 454	Include	\$
	Joint pole attachments - telephone	Include	-
	Joint pole attachments - cable	Include	-
	Underground rentals	Include	-
	Transmission tower wireless rentals	Include	-
	Other rentals	Include	-
	Corporate headquarters sublease	Include	-
	Misc non-transmission rentals	Include	-
	Customer commitment services	Include	-
	xxxx		
	xxxx		
	Total		-
	Account 456	Include	-
	Other electric revenues	Include	-
	Transmission Revenue - Firm	Include	-
	Transmission Revenue - Non-Firm	Include	-
	xxxx		-
	xxxx		-
	xxxx		-
	xxxx		-
	xxxx		-
	xxxx		-
	xxxx		-
	Total		-
	Total Account 454 and 456 included		-
	Payments by PJM of the revenue requirement calculated on Rate Formula Template	Exclude	-
	Total Account 454 and 456 included and excluded		-

Attachment 2 has been removed and intentionally left blank.

Attachment 2 has been removed and intentionally left blank.

Attachment 3 - Calculation of Carrying Charges
PATH West Virginia Transmission Company, LLC

1 Calculation of Composite Depreciation Rate

2	Transmission Plant @ Beginning of Period	(Attachment 4)	-
3	Transmission Plant @ End of Period	(Attachment 4)	-
4	Sum	(sum lines 2 & 3)	<u>-</u>
5	Average Balance of Transmission Investment	(line 4/2)	-
6	Depreciation Expense	Rate Formula Template	<u>-</u>
7	Composite Depreciation Rate	(line 6/ line 5)	0.00%
8	Depreciable Life for Composite Depreciation Rate	(1/line 7)	-
9	Round line 8 to nearest whole year		-

Attachment 3 - Calculation of Carrying Charges
PATH Allegheny Transmission Company, LLC

1 Calculation of Composite Depreciation Rate

2	Transmission Plant @ Beginning of Period	(Attachment 4)	-
3	Transmission Plant @ End of Period	(Attachment 4)	-
4	Sum	(sum lines 2 & 3)	-
5	Average Balance of Transmission Investment	(line 4/2)	-
6	Depreciation Expense	Rate Formula Template	-
7	Composite Depreciation Rate	(line 6/ line 5)	0.00%
8	Depreciable Life for Composite Depreciation Rate	(1/line 7)	-
9	Round line 8 to nearest whole year		-

**Attachment 4 - Cost Support
PATH West Virginia Transmission Company, LLC**

Plant in Service Worksheet

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions

Line #	Description	Source	Year	Balance
1	Calculation of Transmission Plant In Service	Source		
2	December	p206.58.b	2021	-
3	January	company records	2022	-
4	February	company records	2022	-
5	March	company records	2022	-
6	April	company records	2022	-
7	May	company records	2022	-
8	June	company records	2022	-
9	July	company records	2022	-
10	August	company records	2022	-
11	September	company records	2022	-
12	October	company records	2022	-
13	November	company records	2022	-
14	December	p207.58.g	2022	-
15	Transmission Plant In Service	(sum lines 2-14) /13		-
16	Calculation of Distribution Plant In Service	Source		
17	December	p206.75.b	2021	-
18	January	company records	2022	-
19	February	company records	2022	-
20	March	company records	2022	-
21	April	company records	2022	-
22	May	company records	2022	-
23	June	company records	2022	-
24	July	company records	2022	-
25	August	company records	2022	-
26	September	company records	2022	-
27	October	company records	2022	-
28	November	company records	2022	-
29	December	p207.75.g	2022	-
30	Distribution Plant In Service	(sum lines 17-29) /13		-
31	Calculation of Intangible Plant In Service	Source		
32	December	p204.5.b	2021	-
33	December	p205.5.g	2022	-
34	Intangible Plant In Service	(sum lines 32 & 33) /2		-
35	Calculation of General Plant In Service	Source		
36	December	p206.99.b	2021	-
37	December	p207.99.g	2022	-
38	General Plant In Service	(sum lines 36 & 37) /2		-
39	Calculation of Production Plant In Service	Source		
40	December	p204.46b	2021	-
41	January	company records	2022	-
42	February	company records	2022	-
43	March	company records	2022	-
44	April	company records	2022	-
45	May	company records	2022	-
46	March	Attachment 6	2022	-
47	April	company records	2022	-
48	August	company records	2022	-
49	September	company records	2022	-
50	October	company records	2022	-
51	November	company records	2022	-
52	December	p205.46.g	2022	-
53	Production Plant In Service	(sum lines 40-52) /13		-

Attachment 4 - Cost Support
PATH West Virginia Transmission Company, LLC

	Source	Year	Balance
54	Calculation of Common Plant In Service		
55	December (Electric Portion)	p356 2021	-
56	December (Electric Portion)	p356 2022	-
57	Common Plant In Service	(sum lines 55 & 56) /2	-
58	Total Plant In Service	(sum lines 15, 30, 34, 38, 53, & 57)	-

Accumulated Depreciation Worksheet

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Details
59	Calculation of Transmission Accumulated Depreciation	Source	Year	Balance
60	December	Prior year p219.25	2021	-
61	January	company records	2022	-
62	February	company records	2022	-
63	March	company records	2022	-
64	April	company records	2022	-
65	May	company records	2022	-
66	June	company records	2022	-
67	July	company records	2022	-
68	August	company records	2022	-
69	September	company records	2022	-
70	October	company records	2022	-
71	November	company records	2022	-
72	December	p219.25	2022	-
73	Transmission Accumulated Depreciation	(sum lines 60-72) /13		-
74	Calculation of Distribution Accumulated Depreciation	Source		
75	December	Prior year p219.26	2021	-
76	January	company records	2022	-
77	February	company records	2022	-
78	March	company records	2022	-
79	April	company records	2022	-
80	May	company records	2022	-
81	June	company records	2022	-
82	July	company records	2022	-
83	August	company records	2022	-
84	September	company records	2022	-
85	October	company records	2022	-
86	November	company records	2022	-
87	December	p219.26	2022	-
88	Distribution Accumulated Depreciation	(sum lines 75-87) /13		-
89	Calculation of Intangible Accumulated Depreciation	Source		
90	December	Prior year p200.21.c	2021	-
91	December	p200.21c	2022	-
92	Accumulated Intangible Depreciation	(sum lines 90 & 91) /2		-
93	Calculation of General Accumulated Depreciation	Source		
94	December	Prior year p219.28	2021	-
95	December	p219.28	2022	-
96	Accumulated General Depreciation	(sum lines 94 & 95) /2		-

**Attachment 4 - Cost Support
PATH West Virginia Transmission Company, LLC**

	Source	Year	Balance
97	Calculation of Production Accumulated Depreciation		
98	Prior year p219	2021	-
99	January	2022	-
100	February	2022	-
101	March	2022	-
102	April	2022	-
103	May	2022	-
104	June	2022	-
105	July	2022	-
106	August	2022	-
107	September	2022	-
108	October	2022	-
109	November	2022	-
110	December	p219.20 thru 219.24	2022
111	Production Accumulated Depreciation	(sum lines 98-110) /13	-
112	Calculation of Common Accumulated Depreciation		
113	December (Electric Portion)	p356	2021
114	December (Electric Portion)	p356	2022
115	Common Plant Accumulated Depreciation (Electric Only)	(sum lines 113 & 114) /2	-
116	Total Accumulated Depreciation	(sum lines 73, 88, 92, 96, 111, & 115)	-

ADJUSTMENTS TO RATE BASE (Note A)

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Details			
		Beginning of Year	End of Year	Average Balance			
117	Account No. 281 (enter negative)	273.8.k	-	0			
118	Account No. 282 (enter negative)	275.2.k	-	0			
119	Account No. 283 (enter negative)	277.9.k	1,478,859	1,485,738	1,482,299		
120	Account No. 190	234.8.c	3,423,262	3,327,183	3,375,222		
121	Account No. 255 (enter negative)	267.8.h	-	0			
122	Unamortized Abandoned Plant	Per FERC Order					
			Months Remaining In Amortization Period	Beginning Balance	Amortization Expense (p114.10.c)	Additions (Deductions)	Ending Balance
123	Monthly Balance	Source					
124	December	p111.71.d (and Notes)	0				-
125	January	company records		-		-	-
126	February	company records		-		-	-
127	March	company records		-		-	-
128	April	company records		-		-	-
129	May	company records		-		-	-
130	June	company records		-		-	-
131	July	company records		-		-	-
132	August	company records		-		-	-
133	September	company records		-		-	-
134	October	company records		-		-	-
135	November	company records		-		-	-
136	December	p111.71.c (and Notes) Detail on p230b		-		-	-
137	Ending Balance is a 13-Month Average	(sum lines 124-136) /13			\$0.00	-	\$0.00
					Appendix A Line 62		Appendix A Line 34
138	Prepayments (Account 165)	111.57.c	-	-			

Note: Deductions resulting from gains or recoveries that exceed the unamortized balance are recorded in FERC Account 254, Other Regulatory Liabilities.

**Attachment 4 - Cost Support
PATH West Virginia Transmission Company, LLC**

	Source	2021	2022	2022	Amos Substation Upgrade	Amos to Welton Spring Line	Welton Spring Substation and SVC	Welton Spring to Interconnection with PATH Allegheny	Total
139	Calculation of Transmission CWIP	216.b		\$	-	-	-	-	-
140	December	company records		-	-	-	-	-	-
141	January	company records		-	-	-	-	-	-
142	February	company records		-	-	-	-	-	-
143	March	company records		-	-	-	-	-	-
144	April	company records		-	-	-	-	-	-
145	May	company records		-	-	-	-	-	-
146	June	company records		-	-	-	-	-	-
147	July	company records		-	-	-	-	-	-
148	August	company records		-	-	-	-	-	-
149	September	company records		-	-	-	-	-	-
150	October	company records		-	-	-	-	-	-
151	November	company records		-	-	-	-	-	-
152	December	216.b		-	-	-	-	-	-
153	Transmission CWIP	(sum lines 140-152) /13		-	-	-	-	-	-

LAND HELD FOR FUTURE USE

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Beg of year	End of Year	Average	Details
154	LAND HELD FOR FUTURE USE	p214	Total	-	-	-	
			Non-transmission Related	-	-	-	
			Transmission Related	-	-	-	

EPRI Dues Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Details	
Allocated General & Common Expenses				EPRI Dues	Common Expenses
155	EPRI Dues & Common Expenses	p352-353	p356	-	-

Regulatory Expense Related to Transmission Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Form 1 Amount	Transmission Related	Non-transmission Related	Details
156	Directly Assigned A&G	Regulatory Commission Exp Account 928	p323.189.b	-	-	-	

**Attachment 4 - Cost Support
PATH West Virginia Transmission Company, LLC**

Safety Related Advertising, Education and Out Reach Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Form 1 Amount	Safety, Education, Siting & Outreach Related	Other	Details
157	Directly Assigned A&G General Advertising Exp Account 930.1	p323.191.b	-	-	-	None

Multi-state Workpaper

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		State 1	State 2	State 3	State 4	State 5	Weighed Average
158	Income Tax Rates SIT=State Income Tax Rate or Composite		WV 6.500%				6.50%

Excluded Plant Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Excluded Transmission Facilities	Description of the Facilities
159	Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities Excluded Transmission Facilities	-	General Description of the Facilities
	Instructions:	Enter \$	None
1	Remove all investment below 69 kV facilities, including the investment allocated to distribution of a dual function substation, generator, interconnection and local and direct assigned facilities for which separate costs are charged and step-up generation substation included in transmission plant in service.	-	
2	If unable to determine the investment below 69kV in a substation with investment of 69 kV and higher as well as below 69 kV, the following formula will be used: Example	Or	
	A Total investment in substation	Enter \$	
	B Identifiable investment in Transmission (provide workpapers)	-	
	C Identifiable investment in Distribution (provide workpapers)	-	
	D Amount to be excluded (A x (C / (B + C)))	-	
		-	
		-	
		-	

Add more lines if necessary

Materials & Supplies

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Beg of year	End of Year	Average
160	Assigned to O&M	p227.6	-	-	-
161	Stores Expense Undistributed	p227.16	-	-	-
162	Undistributed Stores Exp		-	-	-
163	Transmission Materials & Supplies	p227.8	-	-	-

Regulatory Asset

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Reference FERC Form 1 page 232 for details. Uncapitalized costs as of date the rates become effective As approved by FERC
164	Beginning Balance of Regulatory Asset	p111.72.d (and notes)	-	Number of months rates are in effect during the calendar year
165	Months Remaining in Amortization Period		-	
166	Monthly Amortization	(line 164 - line 168) / 167	-	
167	Months in Year to be amortized		-	
168	Ending Balance of Regulatory Asset	p111.72.c	-	
169	Average Balance of Regulatory Asset	(line 164 + line 168)/2	-	

**Attachment 4 - Cost Support
PATH West Virginia Transmission Company, LLC**

Capital Structure

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions

170	Monthly Balances for Capital Structure	Year	Debt	Preferred Stock	Common Stock
171					
172	January	2022	0	-	0
173	February	2022	-	-	-
174	March	2022	-	-	-
175	April	2022	-	-	-
176	May	2022	-	-	-
177	June	2022	-	-	-
178	July	2022	-	-	-
179	August	2022	-	-	-
180	September	2022	-	-	-
181	October	2022	-	-	-
182	November	2022	-	-	-
183	December	2022	-	-	-
184	Average		0	-	0

Note: the amount outstanding for debt retired during the year is the outstanding amount as of the last month it was outstanding; the equity is less Account 216.1, Preferred Stock, and Account 219; and the capital structure is fixed at 50/50 until the first two lines are placed in service

Detail of Account 566 Miscellaneous Transmission Expenses

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions

		Total
185	Amortization Expense on Regulatory Asset	-
186	Miscellaneous Transmission Expense	-
	Footnote Data: Schedule	
	Page 320 b. 97	
187	Total Account 566	-

PBOPs

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions

Details

188	Calculation of PBOP Expenses	
189	<u>PATH-WV - AEP Employees</u>	
190	Total PBOP expenses	\$117,254,159
191	Amount relating to retired personnel	\$0
192	Amount allocated on Labor	\$117,254,159
193	Labor dollars	1,151,954,661
194	Cost per labor dollar	\$0.102
195	PATH WV labor (labor not capitalized) current year	41,581
196	PATH WV PBOP Expense for current year	\$4,232
197	PATH WV PBOP Expense in Account 926 for current year	-\$1,333
198	PBOP Adjustment for Appendix A, Line 50	\$5,565
199	Lines 190-194 cannot change absent approval or acceptance by FERC in a separate proceeding.	
199	<u>PATH-WV - Allegheny Employees</u>	
200	Total PBOP expenses	\$22,856,433
201	Amount relating to retired personnel	\$8,786,372
202	Amount allocated on FTEs	\$14,070,061
203	Number of FTEs	4,475
204	Cost per FTE	\$3,144
205	PATH WV FTEs (labor not capitalized) current year	-
206	PATH WV PBOP Expense for current year	\$0
207	PATH WV PBOP Expense in Account 926 for current year	\$0
208	PBOP Adjustment for Appendix A, Line 50	\$0
209	Lines 200-204 cannot change absent approval or acceptance by FERC in a separate proceeding.	
210	PBOP Expense adjustment (sum lines 198 & 208)	\$5,565

**Attachment 4 - Cost Support
PATH Allegheny Transmission Company, LLC**

Plant in Service Worksheet

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				
	Source	Year	Balance	
1	Calculation of Transmission Plant In Service			
2	December	p206.58.b	2021	-
3	January	company records	2022	-
4	February	company records	2022	-
5	March	company records	2022	-
6	April	company records	2022	-
7	May	company records	2022	-
8	June	company records	2022	-
9	July	company records	2022	-
10	August	company records	2022	-
11	September	company records	2022	-
12	October	company records	2022	-
13	November	company records	2022	-
14	December	p207.58.g	2022	-
15	Transmission Plant In Service	(sum lines 2-14) /13		-
16	Calculation of Distribution Plant In Service			
17	December	p206.75.b	2021	-
18	January	company records	2022	-
19	February	company records	2022	-
20	March	company records	2022	-
21	April	company records	2022	-
22	May	company records	2022	-
23	June	company records	2022	-
24	July	company records	2022	-
25	August	company records	2022	-
26	September	company records	2022	-
27	October	company records	2022	-
28	November	company records	2022	-
29	December	p207.75.g	2022	-
30	Distribution Plant In Service	(sum lines 17-29) /13		-
31	Calculation of Intangible Plant In Service			
32	December	p204.5b	2021	-
33	December	p205.5.g	2022	-
34	Intangible Plant In Service	(sum lines 32 & 33) /2		-
35	Calculation of General Plant In Service			
36	December	p206.99.b	2021	-
37	December	p207.99.g	2022	-
38	General Plant In Service	(sum lines 36 & 37) /2		-
39	Calculation of Production Plant In Service			
40	December	p204.46b	2021	-
41	January	company records	2022	-
42	February	company records	2022	-
43	March	company records	2022	-
44	April	company records	2022	-
45	May	company records	2022	-
46	March	Attachment 6	2022	-
47	April	company records	2022	-
48	August	company records	2022	-
49	September	company records	2022	-
50	October	company records	2022	-
51	November	company records	2022	-
52	December	p205.46.g	2022	-
53	Production Plant In Service	(sum lines 40-52) /13		-

**Attachment 4 - Cost Support
PATH Allegheny Transmission Company, LLC**

54	Calculation of Common Plant In Service	Source	Year	Balance
55	December (Electric Portion)	p356	2021	-
56	December (Electric Portion)	p356	2022	-
57	Common Plant In Service	(sum lines 55 & 56) /2		-
58	Total Plant In Service	(sum lines 15, 30, 34, 38, 53, & 57)		-

Accumulated Depreciation Worksheet

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Balance	Details
59	Calculation of Transmission Accumulated Depreciation	Source	Year		
60	December	Prior year p219.25	2021	-	
61	January	company records	2022	-	
62	February	company records	2022	-	
63	March	company records	2022	-	
64	April	company records	2022	-	
65	May	company records	2022	-	
66	June	company records	2022	-	
67	July	company records	2022	-	
68	August	company records	2022	-	
69	September	company records	2022	-	
70	October	company records	2022	-	
71	November	company records	2022	-	
72	December	p219.25	2022	-	
73	Transmission Accumulated Depreciation	(sum lines 60-72) /13		-	
74	Calculation of Distribution Accumulated Depreciation	Source			
75	December	Prior year p219.26	2021	-	
76	January	company records	2022	-	
77	February	company records	2022	-	
78	March	company records	2022	-	
79	April	company records	2022	-	
80	May	company records	2022	-	
81	June	company records	2022	-	
82	July	company records	2022	-	
83	August	company records	2022	-	
84	September	company records	2022	-	
85	October	company records	2022	-	
86	November	company records	2022	-	
87	December	p219.26	2022	-	
88	Distribution Accumulated Depreciation	(sum lines 75-87) /13		-	
89	Calculation of Intangible Accumulated Depreciation	Source			
90	December	Prior year p200.21.c	2021	-	
91	December	p200.21c	2022	-	
92	Accumulated Intangible Depreciation	(sum lines 90 & 91) /2		-	
93	Calculation of General Accumulated Depreciation	Source			
94	December	Prior year p219.28	2021	-	
95	December	p219.28	2022	-	
96	Accumulated General Depreciation	(sum lines 94 & 95) /2		-	

**Attachment 4 - Cost Support
PATH Allegheny Transmission Company, LLC**

97	<u>Calculation of Production Accumulated Depreciation</u>	Source	Year	Balance
98	December	Prior year p219	2021	-
99	January	company records	2022	-
100	February	company records	2022	-
101	March	company records	2022	-
102	April	company records	2022	-
103	May	company records	2022	-
104	June	company records	2022	-
105	July	company records	2022	-
106	August	company records	2022	-
107	September	company records	2022	-
108	October	company records	2022	-
109	November	company records	2022	-
110	December	p219.20 thru 219.24	2022	-
111	Production Accumulated Depreciation	(sum lines 98-110) /13		-
112	<u>Calculation of Common Accumulated Depreciation</u>	Source		
113	December (Electric Portion)	p356	2021	-
114	December (Electric Portion)	p356	2022	-
115	Common Plant Accumulated Depreciation (Electric Only)	(sum lines 113 & 114) /2		-
116	Total Accumulated Depreciation	(sum lines 73, 88, 92, 96, 111, & 115)		-

ADJUSTMENTS TO RATE BASE (Note A)

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions					Details		
			Beginning of Year	End of Year	Average Balance		
117	Account No. 281 (enter negative)	273.8.k	-	-	-		
118	Account No. 282 (enter negative)	275.2.k	-	-	-		
119	Account No. 283 (enter negative)	277.9.k	-	-	-		
120	Account No. 190	234.8.c	664,089	121,504	392,797		
121	Account No. 255 (enter negative)	267.8.h	-	-	-		
122	Unamortized Abandoned Plant	Per FERC Order					
123	<u>Monthly Balance</u>	Source	Months Remaining In Amortization Period	Beginning Balance	Amortization Expense (p114.10.c)	Additions (Deductions)	Ending Balance
124	December	p111.71.d (and Notes)	0	-	-	-	-
125	January	company records	-	-	-	-	-
126	February	company records	-	-	-	-	-
127	March	company records	-	-	-	-	-
128	April	company records	-	-	-	-	-
129	May	company records	-	-	-	-	-
130	June	company records	-	-	-	-	-
131	July	company records	-	-	-	-	-
132	August	company records	-	-	-	-	-
133	September	company records	-	-	-	-	-
134	October	company records	-	-	-	-	-
135	November	company records	-	-	-	-	-
136	December	p111.71.c (and Notes) Detail on p230b	-	-	-	-	-
137	Ending Balance is a 13-Month Average	(sum lines 124-136) /13			\$0.00	-	\$0.00
					Appendix A Line 62		Appendix A Line 34
138	Prepayments (Account 165)	111.57.c	-	-	-		

Note: Deductions resulting from gains or recoveries that exceed the unamortized balance are recorded in FERC Account 254, Other Regulatory Liabilities.

**Attachment 4 - Cost Support
PATH Allegheny Transmission Company, LLC**

				Kempton Substation	Kempton to Interconnection with PATH West Virginia	Welton Spring Substation and SVC	Total
139	Calculation of Transmission CWIP	Source					
140	December	216.b	2021	\$	-		
141	January	company records	2022		-		
142	February	company records	2022		-		
143	March	company records	2022		-		
144	April	company records	2022		-		
145	May	company records	2022		-		
146	June	company records	2022		-		
147	July	company records	2022		-		
148	August	company records	2022		-		
149	September	company records	2022		-		
150	October	company records	2022		-		
151	November	company records	2022		-		
152	December	216.b	2022		-		
153	Transmission CWIP	(sum lines 140-152) /13			-		
LAND HELD FOR FUTURE USE							
Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Beg of year	End of Year	Average	Details
154	LAND HELD FOR FUTURE USE	p214	Total	-	-	-	
			Non-transmission Related	-	-	-	
			Transmission Related	-	-	-	
EPRI Dues Cost Support							
Allocated General & Common Expenses				EPRI Dues	Common Expenses		Details
155	EPRI Dues & Common Expenses	p352-353	EPRI Dues				
			Common Expenses				
				-	-	-	
Regulatory Expense Related to Transmission Cost Support							
Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Form 1 Amount	Transmission Related	Non-transmission Related	Details
156	Directly Assigned A&G						
	Regulatory Commission Exp Account 928	p323.189.b		-	-	-	

**Attachment 4 - Cost Support
PATH Allegheny Transmission Company, LLC**

Safety Related Advertising, Education and Out Reach Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Safety, Education, Siting & Outreach			Details
Form 1 Amount	Related	Other				
Directly Assigned A&G						
157	General Advertising Exp Account 930.1	p323.191.b	-	-	-	None

Multi-state Workpaper

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		State 1	State 2	State 3	State 4	State 5	Weighted Average
Income Tax Rates							
158	SIT=State Income Tax Rate or Composite	MD 8.250%	WV 6.500%	VA 6.000%			1.415%

Excluded Plant Cost Support

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions		Excluded Transmission Facilities	Description of the Facilities
159	Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities Excluded Transmission Facilities	-	General Description of the Facilities
Instructions:		Enter \$	None
1 Remove all investment below 69 kV facilities, including the investment allocated to distribution of a dual function substation, generator, interconnection and local and direct assigned facilities for which separate costs are charged and step-up generation substation included in transmission plant in service.		-	
2 If unable to determine the investment below 69kV in a substation with investment of 69 kV and higher as well as below 69 kV, the following formula will be used:		Or	
	Example	Enter \$	
A	Total investment in substation	-	
B	Identifiable investment in Transmission (provide workpapers)	-	
C	Identifiable investment in Distribution (provide workpapers)	-	
D	Amount to be excluded (A x (C / (B + C)))	-	
		1,000,000	
		500,000	
		400,000	
		444,444	

Add more lines if necessary

Materials & Supplies

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions			Beg of year	End of Year	Average
160	Assigned to O&M	p227.6	-	-	-
161	Stores Expense Undistributed	p227.16	-	-	-
162	Undistributed Stores Exp		-	-	-
163	Transmission Materials & Supplies	p227.8	-	-	-

Regulatory Asset

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				
164	Beginning Balance of Regulatory Asset	p111.72.d (and notes)	-	Reference FERC Form 1 page 232 for details.
165	Months Remaining in Amortization Period		-	Uncapitalized costs as of date the rates become effective
166	Monthly Amortization	(line 164 - line 168) / 167	-	As approved by FERC
167	Months in Year to be Amortized		-	
168	Ending Balance of Regulatory Asset	p111.72.c	-	Number of months rates are in effect during the calendar year
169	Average Balance of Regulatory Asset	(line 164 + line 168)/2	-	

Attachment 4 - Cost Support
Ba

Capital Structure

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions

170	Monthly Balances for Capital Structure		Year	Debt	Preferred Stock	Common Stock
171						
172	January	2022		0	-	0
173	February	2022		-	-	-
174	March	2022		-	-	-
175	April	2022		-	-	-
176	May	2022		-	-	-
177	June	2022		-	-	-
178	July	2022		-	-	-
179	August	2022		-	-	-
180	September	2022		-	-	-
181	October	2022		-	-	-
182	November	2022		-	-	-
183	December	2022		-	-	-
184	Average			0	-	0

Note: the amount outstanding for debt retired during the year is the outstanding amount as of the last month it was outstanding; the equity is less Account 216.1, Preferred Stock, and Account 219; and the capital structure is fixed at 50/50 until the first two lines are placed in service

Detail of Account 566 Miscellaneous Transmission Expenses

Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions

		Total
185	Amortization Expense on Regulatory Asset	-
186	Miscellaneous Transmission Expense	5,351
	Footnote Data: Schedule	
187	Total Account 566	5,351
	Page 320 b. 97	

PBOPs

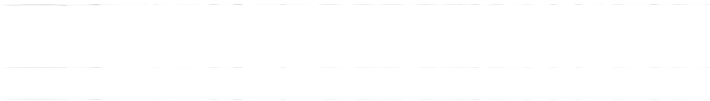
Attachment A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions

Details

188	Calculation of PBOP Expenses	
189	PATH - Allegheny - Allegheny Employees	
190	Total PBOP expenses	\$22,856,433
191	Amount relating to retired personnel	\$8,786,372
192	Amount allocated on FTEs	\$14,070,061
193	Number of FTEs	4,475
194	Cost per FTE	\$3,144
195	PATH Allegheny FTEs (labor not capitalized) current year	-
196	PATH Allegheny PBOP Expense for current year	\$0
197	PATH Allegheny PBOP Expense in Account 926 for current year	\$0
198	PBOP Adjustment for Appendix A, Line 50	-
199	Lines 190-194 cannot change absent approval or acceptance by FERC in a separate proceeding.	-

Attachment 6 has been removed and intentionally left blank.

Attachment 6 has been removed and intentionally left blank.



Potomac-Appalachian Transmission Highline, LLC
CALCULATION OF COST OF DEBT AFTER CONSTRUCTION PHASE
YEAR ENDED 12/31/2014

Attachment 7
PATH West Virginia Transmission Company, LLC

(HYPOTHETICAL EXAMPLE)

	Amount Outstanding	Unamortized Debt Issue Expense	Unamortized Debt Premium/ (Discount)	Unamortized Losses on Reacquired Debt	Net Amount Outstanding	Effective Cost Rate ¹	Annualized Cost
Debt:							
<u>First Mortgage Bonds:</u>							
	\$ 300,000,000	\$2,900,000	(\$2,320,000)	\$0	\$294,780,000	#N/A	#N/A
<u>Other Long Term Debt:</u>							
6.600% Series Medium Term Notes Due 2021	\$ 200,000,000	\$1,800,000		-	\$198,200,000	#N/A	#N/A
					-		
Total Debt	<u>\$ 500,000,000</u>	<u>\$ 4,700,000</u>	<u>\$ (2,320,000)</u>	<u>\$ -</u>	<u>\$ 492,980,000</u>	<u>#N/A</u>	<u>#N/A</u>
Check with FERC Form 1 B/S pgs 110-113	\$ 185,750,000	\$ (1,131,082)	\$ (1,595,909)	\$ 17,075,452			

Development of Effective Cost Rates:

	Issue Date	Maturity Date	Amount Issued	(Discount) Premium at Issuance	Issuance Expense	Loss on Reacquired Debt	Net Proceeds	Net Proceeds Ratio	Coupon Rate	Effective Cost Rate	Annual Interest
<u>First Mortgage Bonds</u>											
7.090% Series Due 2041	1/1/2014	6/30/2044	\$ 300,000,000	\$ (2,400,000)	\$ 3,000,000	-	\$ 294,600,000	98.2000	0.07090	#N/A	\$ 21,270,000
											-
<u>Other Long Term Debt:</u>											
6.600% Series Medium Term Notes Due 2021	01/01/2014	06/30/2024	200,000,000		2,000,000		\$ 198,000,000	99.0000	0.06600	#N/A	13,200,000
			<u>\$ 500,000,000</u>	<u>(2,400,000)</u>	<u>\$ 5,000,000</u>	<u>-</u>	<u>\$ 492,600,000</u>				<u>\$ 34,470,000</u>

¹ The Effective Cost Rate is the Debt Cost shown on Page 5, Line 118 of Rate Formula Template.

Potomac-Appalachian Transmission Highline, LLC
CALCULATION OF COST OF DEBT AFTER CONSTRUCTION PHASE
YEAR ENDED 12/31/2014

Attachment 7
PATH Allegheny Transmission Company, LLC

(HYPOTHETICAL EXAMPLE)

	Amount Outstanding	Unamortized Debt Issue Expense	Unamortized Debt Premium/ (Discount)	Unamortized Losses on Reacquired Debt	Net Amount Outstanding	Effective Cost Rate ¹	Annualized Cost
Debt:							
<u>First Mortgage Bonds:</u>	\$ 300,000,000	\$2,900,000	(\$2,320,000)	\$0	\$294,780,000	#N/A	#N/A
<u>Other Long Term Debt:</u>							
6.600% Series Medium Term Notes Due 2021	\$ 200,000,000	\$1,800,000		-	\$198,200,000	#N/A	#N/A
					-		
Total Debt	<u>\$ 500,000,000</u>	<u>\$ 4,700,000</u>	<u>\$ (2,320,000)</u>	<u>\$ -</u>	<u>\$ 492,980,000</u>	<u>#N/A</u>	<u>#N/A</u>
Check with FERC Form 1 B/S pgs 110-113	\$ 185,750,000	\$ (1,131,082)	\$ (1,595,909)	\$ 17,075,452			

Development of Effective Cost Rates:

	Issue Date	Maturity Date	Amount Issued	(Discount) Premium at Issuance	Issuance Expense	Loss on Reacquired Debt	Net Proceeds	Net Proceeds Ratio	Coupon Rate	Effective Cost Rate	Annual Interest
<u>First Mortgage Bonds</u>											
7.090% Series Due 2041	1/1/2014	6/30/2044	\$ 300,000,000	\$ (2,400,000)	\$ 3,000,000	-	\$ 294,600,000	98.2000	0.07090	#N/A	\$ 21,270,000
<u>Other Long Term Debt:</u>											
6.600% Series Medium Term Notes Due 2021	01/01/2014	06/30/2024	200,000,000		2,000,000		\$ 198,000,000	99.0000	0.06600	#N/A	13,200,000
			<u>\$ 500,000,000</u>	<u>(2,400,000)</u>	<u>\$ 5,000,000</u>	<u>-</u>	<u>\$ 492,600,000</u>				<u>\$ 34,470,000</u>

¹ The Effective Cost Rate is the Debt Cost shown on Page 10, Line 118 of Rate Formula Template.

Attachment 8
Potomac-Appalachian Transmission Highline, LLC
Interest Rates and Interest Calculations
PATH West Virginia Transmission Company, LLC

Reconciliation Revenue Requirement For Year 2020 Available June 1, 2021	-	2020 Revenue Requirement Forecast by Sept 1, 2019	=	True-up Adjustment - Over (Under) Recovery
\$897,270		\$751,420		(\$145,850)

Interest Rate on Amount of Refunds or Surcharges from 35.19a	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
		0.3145%				

An over or under collection will be recovered prorata over 2020, held for 2021 and returned prorata over 2022

<u>Calculation of Interest</u>						
				Monthly		
January	Year 2020	(12,154)	0.3145%	12	459	12,613
February	Year 2020	(12,154)	0.3145%	11	420	12,575
March	Year 2020	(12,154)	0.3145%	10	382	12,536
April	Year 2020	(12,154)	0.3145%	9	344	12,498
May	Year 2020	(12,154)	0.3145%	8	306	12,460
June	Year 2020	(12,154)	0.3145%	7	268	12,422
July	Year 2020	(12,154)	0.3145%	6	229	12,383
August	Year 2020	(12,154)	0.3145%	5	191	12,345
September	Year 2020	(12,154)	0.3145%	4	153	12,307
October	Year 2020	(12,154)	0.3145%	3	115	12,269
November	Year 2020	(12,154)	0.3145%	2	76	12,231
December	Year 2020	(12,154)	0.3145%	1	38	12,192
					2,982	148,831
					Annual	
January through December	Year 2021	148,831	0.3145%	12	5,617	154,448
					Monthly	
<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>						
January	Year 2022	(154,448)	0.3145%		486	(13,135)
February	Year 2022	(141,799)	0.3145%		446	(13,135)
March	Year 2022	(129,109)	0.3145%		406	(13,135)
April	Year 2022	(116,380)	0.3145%		366	(13,135)
May	Year 2022	(103,611)	0.3145%		326	(13,135)
June	Year 2022	(90,801)	0.3145%		286	(13,135)
July	Year 2022	(77,952)	0.3145%		245	(13,135)
August	Year 2022	(65,061)	0.3145%		205	(13,135)
September	Year 2022	(52,131)	0.3145%		164	(13,135)
October	Year 2022	(39,159)	0.3145%		123	(13,135)
November	Year 2022	(26,147)	0.3145%		82	(13,135)
December	Year 2022	(13,094)	0.3145%		41	(13,135)
					3,175	
True-Up Adjustment with Interest						157,624
Less Over (Under) Recovery						(145,850)
Total Interest						11,774

Attachment 8
Potomac-Appalachian Transmission Highline, LLC
Example of Interest Rates and Interest Calculations
PATH Allegheny Transmission Company, LLC

Reconciliation Revenue Requirement For Year 2020 Available June 1, 2021	2020 Revenue Requirement Forecast by Sept 1, 2019	=	True-up Adjustment - Over (Under) Recovery
\$844,419	\$168,055		(\$676,364)

Interest Rate on Amount of Refunds or Surcharges from 35.19a	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
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An over or under collection will be recovered prorata over 2020, held for 2021 and returned prorate over 2022

<u>Calculation of Interest</u>						
				Monthly		
January	Year 2020	(56,364)	0.3145%	12	2,127	58,491
February	Year 2020	(56,364)	0.3145%	11	1,950	58,314
March	Year 2020	(56,364)	0.3145%	10	1,773	58,136
April	Year 2020	(56,364)	0.3145%	9	1,595	57,959
May	Year 2020	(56,364)	0.3145%	8	1,418	57,782
June	Year 2020	(56,364)	0.3145%	7	1,241	57,605
July	Year 2020	(56,364)	0.3145%	6	1,064	57,427
August	Year 2020	(56,364)	0.3145%	5	886	57,250
September	Year 2020	(56,364)	0.3145%	4	709	57,073
October	Year 2020	(56,364)	0.3145%	3	532	56,895
November	Year 2020	(56,364)	0.3145%	2	355	56,718
December	Year 2020	(56,364)	0.3145%	1	177	56,541
					13,827	690,191
					Annual	
January through December	Year 2021	690,191	0.3145%	12	26,048	716,238
					Monthly	
<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>						
January	Year 2022	(716,238)	0.3145%		2,253	(60,914)
February	Year 2022	(657,577)	0.3145%		2,068	(60,914)
March	Year 2022	(598,732)	0.3145%		1,883	(60,914)
April	Year 2022	(539,701)	0.3145%		1,697	(60,914)
May	Year 2022	(480,485)	0.3145%		1,511	(60,914)
June	Year 2022	(421,082)	0.3145%		1,324	(60,914)
July	Year 2022	(361,493)	0.3145%		1,137	(60,914)
August	Year 2022	(301,716)	0.3145%		949	(60,914)
September	Year 2022	(241,751)	0.3145%		760	(60,914)
October	Year 2022	(181,598)	0.3145%		571	(60,914)
November	Year 2022	(121,255)	0.3145%		381	(60,914)
December	Year 2022	(60,723)	0.3145%		191	(60,914)
					14,726	0
True-Up Adjustment with Interest					\$	730,964
Less Over (Under) Recovery					\$	(676,364)
Total Interest					\$	54,600

Potomac-Appalachian Transmission Highline, LLC
Attachment 9 - Hypothetical Example of Final True-Up of Interest Rates and Interest Calculations for the Construction Loan

Applicable to both PATH West Virginia Transmission Company, LLC & PATH Allegheny Transmission Company, LLC

To be Prepared on 8/15/2013 (hypothetical date)

SUMMARY							
YEAR	Estimated Effective cost of debt used in forecast/true up	Final Effective cost of debt for the construction loan:	Hypothetical Revenue Requirement			Hypothetical Monthly Interest Rate applicable over the ATRR period	Total Amount of Construction Loan Related True-Up included in rates effective Jan 2014 (Refund)/Owed
			Based on Estimated Effective cost of debt	Based on Actual Effective cost of debt	Over (Under) Recovery		
2008	7.18%	7.00%	\$ 2,500,000.00	\$ 2,400,000.00	\$ 100,000.00	0.550%	\$ (148,288.33)
2009	6.8%	7.00%	\$5,000,000.00	\$5,150,000.00	\$ (150,000.00)	0.560%	\$ 209,670.43
2010	7.2%	7.00%	\$8,300,000.00	\$8,200,000.00	\$ 100,000.00	0.540%	\$ (131,109.09)
2011	7.3%	7.00%	\$12,300,000.00	\$12,000,000.00	\$ 300,000.00	0.580%	\$ (368,656.73)
2012*	7.1%	6.83%	\$18,000,000.00	\$17,900,000.00	\$ 100,000.00	0.570%	\$ (114,946.28)
2013**	6.50%	6.50%	\$25,000,000.00	\$25,000,000.00	\$ -		
2014**	6.50%	6.50%					\$ (553,329.99)

* Assumes that the construction loan is retired on Sept 1, 2012
 ** Assumes permanent debt structure is put in place on Sept 1, 2012 with effective rate of 6.5%
 Note: True-Up period is 2008 - 2012, with the true-up amount included in 2014 forecasted ATRR. Final effective cost of debt for 2012 is computed as follows: ((7%*243days)+(6.5%*122days))/365days

Calculation of Applicable Interest Expense for each ATRR period

Interest Rate on Amount of Refunds or Surcharges from 35.19a	Over (Under) Recovery Plus Interest	Hypothetical Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
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Calculation of Interest for 2008 True-Up Period

An over or under collection will be recovered prorata over 2008, held for 2009, 2010, 2011, 2012, 2013 and returned prorata over 2014

				Monthly		
January	Year 2008	-	0.5500%	12.00	-	-
February	Year 2008	-	0.5500%	11.00	-	-
March	Year 2008	10,000	0.5500%	10.00	(550)	(10,550)
April	Year 2008	10,000	0.5500%	9.00	(495)	(10,495)
May	Year 2008	10,000	0.5500%	8.00	(440)	(10,440)
June	Year 2008	10,000	0.5500%	7.00	(385)	(10,385)
July	Year 2008	10,000	0.5500%	6.00	(330)	(10,330)
August	Year 2008	10,000	0.5500%	5.00	(275)	(10,275)
September	Year 2008	10,000	0.5500%	4.00	(220)	(10,220)
October	Year 2008	10,000	0.5500%	3.00	(165)	(10,165)
November	Year 2008	10,000	0.5500%	2.00	(110)	(10,110)
December	Year 2008	10,000	0.5500%	1.00	(55)	(10,055)
					(3,025)	(103,025)
Annual						
January through December	Year 2009	(103,025)	0.5600%	12.00	(6,923)	(109,948)
January through December	Year 2010	(109,948)	0.5400%	12.00	(7,125)	(117,073)
January through December	Year 2011	(117,073)	0.5800%	12.00	(8,148)	(125,221)
January through December	Year 2012	(125,221)	0.5700%	12.00	(8,565)	(133,786)
January through December	Year 2013	(133,786)	0.5700%	12.00	(9,151)	(142,937)
Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months						
				Monthly		
January	Year 2014	142,937	0.5700%		(815)	(131,395)
February	Year 2014	131,395	0.5700%		(749)	(119,786)
March	Year 2014	119,786	0.5700%		(683)	(108,112)
April	Year 2014	108,112	0.5700%		(616)	(96,371)
May	Year 2014	96,371	0.5700%		(549)	(84,563)
June	Year 2014	84,563	0.5700%		(482)	(72,687)
July	Year 2014	72,687	0.5700%		(414)	(60,744)
August	Year 2014	60,744	0.5700%		(346)	(48,733)
September	Year 2014	48,733	0.5700%		(278)	(36,653)
October	Year 2014	36,653	0.5700%		(209)	(24,505)
November	Year 2014	24,505	0.5700%		(140)	(12,287)
December	Year 2014	12,287	0.5700%		(70)	0
					(5,351)	
Total Amount of True-Up Adjustment for 2008 ATRR					\$	(148,288)
Less Over (Under) Recovery					\$	100,000
Total Interest					\$	(48,288)

Potomac-Appalachian Transmission Highline, LLC
Attachment 9 - Hypothetical Example of Final True-Up of Interest Rates and Interest Calculations for the Construction Loan

Applicable to both PATH West Virginia Transmission Company, LLC & PATH Allegheny Transmission Company, LLC

Calculation of Interest for 2009 True-Up Period						
An over or under collection will be recovered prorata over 2009, held for 2010, 2011, 2012, 2013 and returned prorata over 2014						
						Monthly
January	Year 2009	(12,500)	0.5600%	12.00	840	13,340
February	Year 2009	(12,500)	0.5600%	11.00	770	13,270
March	Year 2009	(12,500)	0.5600%	10.00	700	13,200
April	Year 2009	(12,500)	0.5600%	9.00	630	13,130
May	Year 2009	(12,500)	0.5600%	8.00	560	13,060
June	Year 2009	(12,500)	0.5600%	7.00	490	12,990
July	Year 2009	(12,500)	0.5600%	6.00	420	12,920
August	Year 2009	(12,500)	0.5600%	5.00	350	12,850
September	Year 2009	(12,500)	0.5600%	4.00	280	12,780
October	Year 2009	(12,500)	0.5600%	3.00	210	12,710
November	Year 2009	(12,500)	0.5600%	2.00	140	12,640
December	Year 2009	(12,500)	0.5600%	1.00	70	12,570
					5,460	155,460
						Annual
January through December	Year 2010	155,460	0.5400%	12.00	10,074	165,534
January through December	Year 2011	165,534	0.5800%	12.00	11,521	177,055
January through December	Year 2012	177,055	0.5700%	12.00	12,111	189,166
January through December	Year 2013	189,166	0.5700%	12.00	12,939	202,104
Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months						
						Monthly
January	Year 2014	(202,104)	0.5700%		1,152	185,784
February	Year 2014	(185,784)	0.5700%		1,059	169,370
March	Year 2014	(169,370)	0.5700%		965	152,863
April	Year 2014	(152,863)	0.5700%		871	136,262
May	Year 2014	(136,262)	0.5700%		777	119,566
June	Year 2014	(119,566)	0.5700%		682	102,775
July	Year 2014	(102,775)	0.5700%		586	85,888
August	Year 2014	(85,888)	0.5700%		490	68,905
September	Year 2014	(68,905)	0.5700%		393	51,826
October	Year 2014	(51,826)	0.5700%		295	34,649
November	Year 2014	(34,649)	0.5700%		197	17,374
December	Year 2014	(17,374)	0.5700%		99	(0)
					7,566	
Total Amount of True-Up Adjustment for 2009 ATRR					\$	209,670
Less Over (Under) Recovery					\$	(150,000)
Total Interest					\$	59,670

Calculation of Interest for 2010 True-Up Period						
An over or under collection will be recovered prorata over 2010, held for 2011, 2012, 2013 and returned prorata over 2014						
						Monthly
January	Year 2010	8,333	0.5400%	12.00	(540)	(8,873)
February	Year 2010	8,333	0.5400%	11.00	(495)	(8,828)
March	Year 2010	8,333	0.5400%	10.00	(450)	(8,783)
April	Year 2010	8,333	0.5400%	9.00	(405)	(8,738)
May	Year 2010	8,333	0.5400%	8.00	(360)	(8,693)
June	Year 2010	8,333	0.5400%	7.00	(315)	(8,648)
July	Year 2010	8,333	0.5400%	6.00	(270)	(8,603)
August	Year 2010	8,333	0.5400%	5.00	(225)	(8,558)
September	Year 2010	8,333	0.5400%	4.00	(180)	(8,513)
October	Year 2010	8,333	0.5400%	3.00	(135)	(8,468)
November	Year 2010	8,333	0.5400%	2.00	(90)	(8,423)
December	Year 2010	8,333	0.5400%	1.00	(45)	(8,378)
					(3,510)	(103,510)
						Annual
January through December	Year 2011	(103,510)	0.5800%	12.00	(7,204)	(110,714)
January through December	Year 2012	(110,714)	0.5700%	12.00	(7,573)	(118,287)
January through December	Year 2013	(118,287)	0.5700%	12.00	(8,091)	(126,378)
Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months						
						Monthly
January	Year 2014	126,378	0.5700%		(720)	(116,173)
February	Year 2014	116,173	0.5700%		(662)	(105,909)
March	Year 2014	105,909	0.5700%		(604)	(95,587)
April	Year 2014	95,587	0.5700%		(545)	(85,206)
May	Year 2014	85,206	0.5700%		(486)	(74,766)
June	Year 2014	74,766	0.5700%		(426)	(64,266)
July	Year 2014	64,266	0.5700%		(366)	(53,707)
August	Year 2014	53,707	0.5700%		(306)	(43,087)
September	Year 2014	43,087	0.5700%		(246)	(32,407)
October	Year 2014	32,407	0.5700%		(185)	(21,666)
November	Year 2014	21,666	0.5700%		(123)	(10,864)
December	Year 2014	10,864	0.5700%		(62)	0
					(4,731)	
Total Amount of True-Up Adjustment for 2010 ATRR					\$	(131,109)
Less Over (Under) Recovery					\$	100,000
Total Interest					\$	(31,109)

Potomac-Appalachian Transmission Highline, LLC
Attachment 9 - Hypothetical Example of Final True-Up of Interest Rates and Interest Calculations for the Construction Loan

Applicable to both PATH West Virginia Transmission Company, LLC & PATH Allegheny Transmission Company, LLC

Calculation of Interest for 2011 True-Up Period							
An over or under collection will be recovered prorata over 2011, held for 2012, 2013 and returned prorata over 2014							
							Monthly
January	Year 2011	25,000	0.5800%	12.00	(1,740)		(26,740)
February	Year 2011	25,000	0.5800%	11.00	(1,595)		(26,595)
March	Year 2011	25,000	0.5800%	10.00	(1,450)		(26,450)
April	Year 2011	25,000	0.5800%	9.00	(1,305)		(26,305)
May	Year 2011	25,000	0.5800%	8.00	(1,160)		(26,160)
June	Year 2011	25,000	0.5800%	7.00	(1,015)		(26,015)
July	Year 2011	25,000	0.5800%	6.00	(870)		(25,870)
August	Year 2011	25,000	0.5800%	5.00	(725)		(25,725)
September	Year 2011	25,000	0.5800%	4.00	(580)		(25,580)
October	Year 2011	25,000	0.5800%	3.00	(435)		(25,435)
November	Year 2011	25,000	0.5800%	2.00	(290)		(25,290)
December	Year 2011	25,000	0.5800%	1.00	(145)		(25,145)
					<u>(11,310)</u>		<u>(311,310)</u>
							Annual
January through December	Year 2012	(311,310)	0.5700%	12.00	(21,294)		(332,604)
January through December	Year 2013	(332,604)	0.5700%	12.00	(22,750)		(355,354)
Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months							
							Monthly
January	Year 2014	355,354	0.5700%		(2,026)	(30,721)	(326,658)
February	Year 2014	326,658	0.5700%		(1,862)	(30,721)	(297,798)
March	Year 2014	297,798	0.5700%		(1,697)	(30,721)	(268,774)
April	Year 2014	268,774	0.5700%		(1,532)	(30,721)	(239,585)
May	Year 2014	239,585	0.5700%		(1,366)	(30,721)	(210,229)
June	Year 2014	210,229	0.5700%		(1,198)	(30,721)	(180,706)
July	Year 2014	180,706	0.5700%		(1,030)	(30,721)	(151,015)
August	Year 2014	151,015	0.5700%		(861)	(30,721)	(121,154)
September	Year 2014	121,154	0.5700%		(691)	(30,721)	(91,123)
October	Year 2014	91,123	0.5700%		(519)	(30,721)	(60,921)
November	Year 2014	60,921	0.5700%		(347)	(30,721)	(30,547)
December	Year 2014	30,547	0.5700%		(174)	(30,721)	0
					<u>(13,303)</u>		
Total Amount of True-Up Adjustment for 2011 ATRR						\$	(368,657)
Less Over (Under) Recovery						\$	300,000
Total Interest						\$	(68,657)

Calculation of Interest for 2012 True-Up Period							
An over or under collection will be recovered prorata over 2012, held for 2013 and returned prorata over 2014							
							Monthly
January	Year 2012	8,333	0.5700%	12.00	(570)		(8,903)
February	Year 2012	8,333	0.5700%	11.00	(523)		(8,856)
March	Year 2012	8,333	0.5700%	10.00	(475)		(8,808)
April	Year 2012	8,333	0.5700%	9.00	(428)		(8,761)
May	Year 2012	8,333	0.5700%	8.00	(380)		(8,713)
June	Year 2012	8,333	0.5700%	7.00	(333)		(8,666)
July	Year 2012	8,333	0.5700%	6.00	(285)		(8,618)
August	Year 2012	8,333	0.5700%	5.00	(238)		(8,571)
September	Year 2012	8,333	0.5700%	4.00	(190)		(8,523)
October	Year 2012	8,333	0.5700%	3.00	(143)		(8,476)
November	Year 2012	8,333	0.5700%	2.00	(95)		(8,428)
December	Year 2012	8,333	0.5700%	1.00	(48)		(8,381)
					<u>(3,705)</u>		<u>(103,705)</u>
							Annual
January through December	Year 2013	(103,705)	0.5700%	12.00	(7,093)		(110,798)
Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months							
							Monthly
January	Year 2014	110,798	0.5700%		(632)	(9,579)	(101,851)
February	Year 2014	101,851	0.5700%		(581)	(9,579)	(92,853)
March	Year 2014	92,853	0.5700%		(529)	(9,579)	(83,803)
April	Year 2014	83,803	0.5700%		(478)	(9,579)	(74,702)
May	Year 2014	74,702	0.5700%		(426)	(9,579)	(65,549)
June	Year 2014	65,549	0.5700%		(374)	(9,579)	(56,344)
July	Year 2014	56,344	0.5700%		(321)	(9,579)	(47,086)
August	Year 2014	47,086	0.5700%		(268)	(9,579)	(37,776)
September	Year 2014	37,776	0.5700%		(215)	(9,579)	(28,412)
October	Year 2014	28,412	0.5700%		(162)	(9,579)	(18,995)
November	Year 2014	18,995	0.5700%		(108)	(9,579)	(9,525)
December	Year 2014	9,525	0.5700%		(54)	(9,579)	0
					<u>(4,148)</u>		
Total Amount of True-Up Adjustment for 2012 ATRR						\$	(114,946)
Less Over (Under) Recovery						\$	100,000
Total Interest						\$	(14,946)

Potomac-Appalachian Transmission Highline, LLC
Attachment 10 - Depreciation Accrual Rates

Applicable to PATH West Virginia Transmission Company, LLC

TRANSMISSION PLANT		Accrual Rate (Annual) Percent	Annual Depreciation Expense
350.2	Land & Land Rights - Easements	1.43	-
352	Structures & Improvements	1.82	-
353	Station Equipment	2.43	-
	Other	4.09	-
	SVC Dynamic Control Equipment		-
354	Towers & Fixtures	1.26	-
355	Poles & Fixtures	3.11	-
356	Overhead Conductors & Devices	1.13	-
Total Transmission Plant Depreciation			-
Total Transmission Depreciation Expense (must tie to p336.7.b & c)			-
GENERAL PLANT		Accrual Rate (Annual) Percent	Annual Depreciation Expense
390	Structures & Improvements	2.00	-
391	Office Furniture & Equipment	5.00	-
	Information Systems	10.00	-
	Data Handling	10.00	-
392	Transportation Equipment		-
	Other	5.33	-
	Autos	11.43	-
	Light Trucks	6.96	-
	Medium Trucks	6.96	-
	Trailers	4.44	-
	ATV	5.33	-
393	Stores Equipment	5.00	-
394	Tools, Shop & Garage Equipment	5.00	-
395	Laboratory Equipment	5.00	-
396	Power Operated Equipment	4.17	-
397	Communication Equipment	6.67	-
398	Miscellaneous Equipment	6.67	-
Total General Plant			-
Total General Plant Depreciation Expense (must tie to p336.10.b & c)			-
INTANGIBLE PLANT		Accrual Rate (Annual) Percent	Annual Depreciation Expense
303	Miscellaneous Intangible Plant	20.00	-
Total Intangible Plant			-
Total Intangible Plant Amortization (must tie to p336.1 d & e)			-

These depreciation rates will not change absent the appropriate filing at FERC.

Potomac-Appalachian Transmission Highline, LLC
Attachment 10 - Depreciation Accrual Rates

Applicable to PATH Allegheny Transmission Company, LLC

		Accrual Rate (Annual) Percent	Annual Depreciation Expense
TRANSMISSION PLANT			
350.2	Land & Land Rights - Easements	1.43	-
352	Structures & Improvements	1.82	-
353	Station Equipment	2.43	-
	Other	4.09	-
	SVC Dynamic Control Equipment		-
354	Towers & Fixtures	1.26	-
355	Poles & Fixtures	3.11	-
356	Overhead Conductors & Devices	1.13	-
Total Transmission Plant Depreciation			-
Total Transmission Depreciation Expense (must tie to p336.7.b & c)			-
GENERAL PLANT			
390	Structures & Improvements	2.00	-
391	Office Furniture & Equipment	5.00	-
	Information Systems	10.00	-
	Data Handling	10.00	-
392	Transportation Equipment		-
	Other	5.33	-
	Autos	11.43	-
	Light Trucks	6.96	-
	Medium Trucks	6.96	-
	Trailers	4.44	-
	ATV	5.33	-
393	Stores Equipment	5.00	-
394	Tools, Shop & Garage Equipment	5.00	-
395	Laboratory Equipment	5.00	-
396	Power Operated Equipment	4.17	-
397	Communication Equipment	6.67	-
398	Miscellaneous Equipment	6.67	-
Total General Plant			-
Total General Plant Depreciation Expense (must tie to p336.10.b.c.d&e)			-
INTANGIBLE PLANT			
303	Miscellaneous Intangible Plant	20.00	-
Total Intangible Plant			-
Total Intangible Plant Amortization (must tie to p336.1 d & e)			-

These depreciation rates will not change absent the appropriate filing at FERC.

Attachment 12
MAIT Formula Rate for January 1, 2022 to December 31, 2022

Formula Rate - Non-Levelized		Rate Formula Template Utilizing FERC Form 1 Data		For the 12 months ended 12/31/2022	
Line No.	(1)	(2)	(3)	(4)	(5) Allocated Amount
1	GROSS REVENUE REQUIREMENT [page 3, line 43, col 5]				\$ 322,274,825
	REVENUE CREDITS	(Note T)	Total	Allocator	
2	Account No. 451	(page 4, line 29)	-	TP 1.00000	-
3	Account No. 454	(page 4, line 30)	3,761,088	TP 1.00000	3,761,088
4	Account No. 456	(page 4, line 31)	2,899,903	TP 1.00000	2,899,903
5	Revenues from Grandfathered Interzonal Transactions		-	TP 1.00000	-
6	Revenues from service provided by the ISO at a discount		-	TP 1.00000	-
7	TEC Revenue	Attachment 11, Page 2, Line 3, Col. 12	29,789,051	TP 1.00000	29,789,051
8	TOTAL REVENUE CREDITS (sum lines 2-7)		36,450,042		36,450,042
9	True-up Adjustment with Interest	Attachment 13, Line 28			(16,455,386)
10	NET REVENUE REQUIREMENT	(Line 1 - Line 8 + Line 9)			\$ 269,369,398
	DIVISOR		Total		
11	1 Coincident Peak (CP) (MW)			(Note A)	5,971.0
12	Average 12 CPs (MW)			(Note CC)	4,994.4
13	Annual Rate (\$/MW/Yr)	(line 10 / line 11)	45,112.82		
			Peak Rate		Off-Peak Rate
			Total		Total
14	Point-to-Point Rate (\$/MW/Year)	(line 10 / line 12)	53,934.66		53,934.66
15	Point-to-Point Rate (\$/MW/Month)	(line 14/12)	4,494.56		4,494.56
16	Point-to-Point Rate (\$/MW/Week)	(line 14/52)	1,037.21		1,037.21
17	Point-to-Point Rate (\$/MW/Day)	(line 16/5; line 16/7)	207.44		148.17
18	Point-to-Point Rate (\$/MWh)	(line 14/4,160; line 14/8,760)	12.97		6.16

Formula Rate - Non-Levelized		Rate Formula Template Utilizing FERC Form 1 Data		For the 12 months ended 12/31/2022	
Line No.	(1)	(2)	(3)	(4)	(5) Transmission (Col 3 times Col 4)
	RATE BASE:	Source	Company Total	Allocator	
	GROSS PLANT IN SERVICE				
1	Production	Attachment 3, Line 14, Col. 1 (Notes U & X)	-	NA	-
2	Transmission	Attachment 3, Line 14, Col. 2 (Notes U & X)	2,403,234,613	TP 1.00000	2,403,234,613
3	Distribution	Attachment 3, Line 14, Col. 3 (Notes U & X)	-	NA	-
4	General & Intangible	Attachment 3, Line 14, Col. 4 & 5 (Notes U & X)	148,310,345	W/S 1.00000	148,310,345
5	Common	Attachment 3, Line 14, Col. 6 (Notes U & X)	-	CE 1.00000	-
6	TOTAL GROSS PLANT (sum lines 1-5)		2,551,544,958	GP= 100.000%	2,551,544,958
	ACCUMULATED DEPRECIATION				
7	Production	Attachment 4, Line 14, Col. 1 (Notes U & X)	-	NA	-
8	Transmission	Attachment 4, Line 14, Col. 2 (Notes U & X)	346,674,285	TP 1.00000	346,674,285
9	Distribution	Attachment 4, Line 14, Col. 3 (Notes U & X)	-	NA	-
10	General & Intangible	Attachment 4, Line 14, Col. 4 & 5 (Notes U & X)	29,935,748	W/S 1.00000	29,935,748
11	Common	Attachment 4, Line 14, Col. 6 (Notes U & X)	-	CE 1.00000	-
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		376,610,032		376,610,032
	NET PLANT IN SERVICE				
13	Production	(line 1 - line 7)	-		-
14	Transmission	(line 2 - line 8)	2,056,560,328		2,056,560,328
15	Distribution	(line 3 - line 9)	-		-
16	General & Intangible	(line 4 - line 10)	118,374,597		118,374,597
17	Common	(line 5 - line 11)	-		-
18	TOTAL NET PLANT (sum lines 13-17)		2,174,934,925	NP= 100.000%	2,174,934,925
	ADJUSTMENTS TO RATE BASE				
19	Account No. 281 (enter negative)	Attachment 5, Line 3, Col. 1 (Notes F & Y & DD)	-	NA	-
20	Account No. 282 (enter negative)	Attachment 5, Line 3, Col. 2 (Notes F & Y & DD)	(386,802,529)	NP 1.00000	(386,802,529)
21	Account No. 283 (enter negative)	Attachment 5, Line 3, Col. 3 (Notes F & Y & DD)	(2,892,776)	NP 1.00000	(2,892,776)
22	Account No. 190	Attachment 5, Line 3, Col. 4 (Notes F & Y & DD)	10,944,705	NP 1.00000	10,944,705
23	Account No. 255 (enter negative)	Attachment 5, Line 3, Col. 5 (Notes F & Y & DD)	-	NP 1.00000	-
24	Unfunded Reserve Plant-related (enter negative)	Attachment 14, Line 9, Col. G (Note Y)	-	DA 1.00000	-
25	Unfunded Reserve Labor-related (enter negative)	Attachment 14, Line 10, Col. G (Note Y)	-	DA 1.00000	-
26	CWIP	216.b (Notes X & Z)	-	DA 1.00000	-
27	Unamortized Regulatory Asset	Attachment 16a, 16b, 16c, line 15, Col. 7 (Notes X)	1,531,840	DA 1.00000	1,531,840
28	Unamortized Abandoned Plant	Attachment 17, Line 15, Col. 7 (Notes X & BB)	-	DA 1.00000	-
29	TOTAL ADJUSTMENTS (sum lines 19-28)		(377,218,760)		(377,218,760)
30	LAND HELD FOR FUTURE USE	214.x.d (Attachment 14, Line 1, Col. D) (Notes G & Y)	-	TP 1.00000	-
31	WORKING CAPITAL (Note H)				
32	CWC	1/8*(Page 3, Line 15 minus Page 3, Lines 11 & 12)	9,155,456		8,978,630
33	Materials & Supplies (Note G)	227.8.c & .16.c (Attachment 14, Line 2, Col. D) (Note Y)	-	TE 0.98114	-
34	Prepayments (Account 165)	111.57.c (Attachment 14, Line 3, Col. D) (Notes B & Y)	336,749	GP 1.00000	336,749
35	TOTAL WORKING CAPITAL (sum lines 32 - 34)		9,492,204		9,315,379
36	RATE BASE (sum lines 18, 29, 30, & 35)		1,807,208,370		1,807,031,544

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2022

Line No.	(1)	(2)	(3)	(4)	(5)
		Source	Company Total	Allocator	Transmission (Col 3 times Col 4)
O&M					
1	Transmission	321.112.b (Attachment 20, page 1, line 112)	75,004,022	TE	0.98114
2	Less LSE Expenses Included in Transmission O&M Accounts (Note W)		-	DA	1.00000
3	Less Account 565	321.96.b	-	DA	1.00000
4	Less Account 566	321.97.b	9,024,913	DA	1.00000
5	A&G	323.197.b (Attachment 20, page 2, line 197)	726,100	W/S	1.00000
6	Less FERC Annual Fees		-	W/S	1.00000
7	Less EPRI & Reg. Comm. Exp. & Non-safety Ad. (Note I)		169,950	W/S	1.00000
8	Plus Transmission Related Reg. Comm. Exp. (Note I)		-	TE	0.98114
9	PBOP Expense Adjustment in Year	Attachment 6, Line 9	(837,118)	DA	1.00000
10	Common	356.1	-	CE	1.00000
11	Account 407.3 Amortization of Regulatory Assets	Attachment 16a, 16b, 16c, Line 15, Col. 5	612,889	DA	1.00000
12	Account 566 Amortization of Regulatory Assets	321.97.b (notes)	-	DA	1.00000
13	Acct. 566 Miscellaneous Transmission Expense (less amortization of regulatory asset)	321.97.b - line 12	9,024,913	DA	1.00000
14	Total Account 566 (sum lines 12 & 13, ties to 321.97.b)		9,024,913		
15	TOTAL O&M (sum lines 1, 5, 8, 9, 10, 11, 14 less 2, 3, 4, 6, 7)		75,335,943		73,921,336
DEPRECIATION AND AMORTIZATION EXPENSE					
16	Transmission	336.7.b (Note U)	53,121,101	TP	1.00000
17	General & Intangible	336.1.f & 336.10.f (Note U)	11,693,285	W/S	1.00000
18	Common	336.11.b (Note U)	-	CE	1.00000
19	Amortization of Abandoned Plant	Attachment 17, Line 15, Col. 5 (Note BB)	-	DA	1.00000
20	TOTAL DEPRECIATION (sum lines 16 -19)		64,814,386		64,814,386
TAXES OTHER THAN INCOME TAXES (Note J)					
LABOR RELATED					
21	Payroll	263.i (Attachment 7, line 1z)	612,332	W/S	1.00000
22	Highway and vehicle	263.i (Attachment 7, line 2z)	-	W/S	1.00000
23	PLANT RELATED				
24	Property	263.i (Attachment 7, line 3z)	111,618	GP	1.00000
25	Gross Receipts	263.i (Attachment 7, line 4z)	-	NA	-
26	Other	263.i (Attachment 7, line 5z)	-	GP	1.00000
27	Payments in lieu of taxes	Attachment 7, line 6z	-	GP	1.00000
28	TOTAL OTHER TAXES (sum lines 21 - 27)		723,950		723,950
INCOME TAXES (Note K)					
29	T=1 - [(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p) =		28.89%		
30	CIT=(T/1-T) * (1-(WCLTD/R)) =		32.63%		
	where WCLTD=(page 4, line 22) and R=(page 4, line 25) and FIT, SIT & p are as given in footnote K.				
31	1 / (1 - T) = (from line 29)		1.4063		
32	Amortized Investment Tax Credit (266.8.f) (enter negative)		(99,685)		
33	Tax Effect of Permanent Differences and AFUDC Equity (Attachment 15, Line 1, Col. 3) [Notes D & Y]		326,807		
34	(Excess)/Deficient Deferred Income Taxes (Attachment 15, Lines 2 & 3, Col. 3) [Notes E & Y]		(1,135,779)		
35	Income Tax Calculation = line 30 * line 40		45,298,674	NA	45,294,242
36	ITC adjustment (line 31 * line 32)		(140,188)	NP	(140,188)
37	Permanent Differences and AFUDC Equity Tax Adjustment (line 31 * line 33)		459,594	DA	459,594
38	(Excess)/Deficient Deferred Income Tax Adjustment (line 31 * line 34)		(1,597,261)	DA	(1,597,261)
39	Total Income Taxes (sum lines 35 through 38)		44,020,818		44,016,386
40	RETURN	[Rate Base (page 2, line 36) * Rate of Return (page 4, line 25)]	138,812,349.08	NA	138,798,767
41	GROSS REV. REQUIREMENT (WITHOUT INCENTIVE)	(sum lines 15, 20, 28, 39, 40)	323,707,446		322,274,825
42	ADDITIONAL INCENTIVE REVENUE	Attachment 11, page 2, line 4, col 11 (Note AA)	0		0
43	GROSS REV. REQUIREMENT	(line 41 + line 42)	323,707,446		322,274,825

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2022

Line No.	(1)	(2)	(3)	(4)	(5)	(6)
	SUPPORTING CALCULATIONS AND NOTES					
1	TRANSMISSION PLANT INCLUDED IN ISO RATES					
1	Total transmission plant (page 2, line 2, column 3)					2,403,234,613
2	Less transmission plant excluded from ISO rates (Note M)					-
3	Less transmission plant included in OATT Ancillary Services (Note N)					-
4	Transmission plant included in ISO rates (line 1 less lines 2 & 3)					2,403,234,613

5	Percentage of transmission plant included in ISO Rates (line 4 divided by line 1)			TP=	1.00000	
TRANSMISSION EXPENSES						
6	Total transmission expenses (page 3, line 1, column 3)				75,004,022	
7	Less transmission expenses included in OATT Ancillary Services (Note L)				1,414,607	
8	Included transmission expenses (line 6 less line 7)				73,589,415	
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)				0.98114	
10	Percentage of transmission plant included in ISO Rates (line 5)			TP	1.00000	
11	Percentage of transmission expenses included in ISO Rates (line 9 times line 10)			TE=	0.98114	
WAGES & SALARY ALLOCATOR (W&S)						
	Form 1 Reference	\$	TP	Allocation		
12	Production	354.20.b	0.00	-		
13	Transmission	354.21.b	1.00	-		
14	Distribution	354.23.b	0.00	-		
15	Other	354.24,25,26.b	0.00	-		
16	Total (sum lines 12-15)			-		1.00000 = WS
COMMON PLANT ALLOCATOR (CE) (Note O)						
		\$		% Electric	W&S Allocator	
17	Electric	200.3.c	-	(line 17 / line 20)	(line 16)	CE
18	Gas	201.3.d	-	1.00000 *	1.00000	= 1.00000
19	Water	201.3.e	-			
20	Total (sum lines 17 - 19)					
RETURN (R)						
					\$	
21	Preferred Dividends (118.29c) (positive number)					
			(Note C)	Cost	Weighted	
		\$	%	(Note P)		
22	Long Term Debt (112.24.c) (Attachment 8, Line 14, Col. 7) (Note X)	908,158,664	40%	0.0377	0.0151 =WCLTD	
23	Preferred Stock (112.3d) (Attachment 8, Line 14, Col. 2) (Note X)	-	0%	0.0000	0.0000	
24	Common Stock (Attachment 8, Line 14, Col. 6) (Note X)	1,356,201,989	60%	0.1030	0.0617	
25	Total (sum lines 22-24)	2,264,360,654			0.0768 =R	
REVENUE CREDITS						
	ACCOUNT 447 (SALES FOR RESALE)	(310-311)	(Note Q)			
26	a. Bundled Non-RQ Sales for Resale (311.x.h)				-	
27	b. Bundled Sales for Resale included in Divisor on page 1				-	
28	Total of (a)-(b)				-	
29	ACCOUNT 451 (MISCELLANEOUS SERVICE REVENUE) (Note S)		(300.17.b) (Attachment 21, line 1z)			
30	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)		(300.19.b) (Attachment 21, line 2z)		3,761,088	
31	ACCOUNT 456 (OTHER ELECTRIC REVENUE) (Note V)		(330.x.n) (Attachment 21, line 3z)		2,899,903	

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2022

Mid-Atlantic Interstate Transmission, LLC

General Note: References to pages in this formulary rate are indicated as: (page#, line#, col.#)
References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

Note
Letter

- A As provided by PJM and in effect at the time of the annual rate calculations pursuant to Section 34.1 of the PJM OATT. Includes combined CPs for Met-Ed and Penelec zones.
- B Prepayments shall exclude prepayments of income taxes.
- C In its order approving the transfer of Penelec's and Met-Ed's transmission assets to MAIT, the Commission approved MAIT's commitment to apply a 50 percent equity/50 percent debt capital structure for ratemaking purposes for a two-year transition period. Pennsylvania Electric, 154 FERC ¶ 61,109 at P 51. Consequently, for the first two years (i.e., calendar years 2017 and 2018) the hypothetical capital structure will be used instead of the actual calculation. Per the Settlement Agreement in docket number ER17-211-000, beginning in calendar year 2019, the equity component of MAIT's capital structure to be used in calculating charges under the formula rate shall be the lower of (i) MAIT's actual equity component as calculated in accordance with Attachment 8 or (ii) 60%.
- D Includes the annual income tax cost or benefits due to permanent differences or differences between the amounts of expenses or revenues recognized in one period for ratemaking purposes and the amounts recognized for income tax purposes which do not reverse in one or more other periods, including the cost of income taxes on the Allowance for Other Funds Used During Construction.
- E Upon enactment of changes in tax law, income tax rates (including changes in apportionment) and other actions taken by a taxing authority, deferred taxes are re-measured and adjusted in the Company's books of account, resulting in excess or deficient accumulated deferred taxes. Such excess or deficient deferred taxes attributed to the transmission function will be based upon tax records and calculated in the calendar year in which the excess or deficient amount was measured and recorded for financial reporting purposes. Amounts to be included will be January 1, 2017 and thereafter.
- F The balances in Accounts 190, 281, 282 and 283, should exclude all FASB 106 or 109 related amounts. For example, any and all amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109 should be excluded. The balance of Account 255 is reduced by prior flow throughs and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note K. Account 281 is not allocated.
- G Identified in Form 1 as being only transmission related.
- H Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission at page 3, line 15, column 5 minus amortization of regulatory assets (page 3, lines 11 & 12, col. 5). Prepayments are the electric related prepayments booked to Account No. 165 and reported on Page 111, line 57 in the Form 1.
- I Line 7 - EPRI Annual Membership Dues listed in Form 1 at 353.f, all Regulatory Commission Expenses itemized at 351.h, and non-safety related advertising included in Account 930.1. Line 8 - Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
- J Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year. Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
- K 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". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, 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) multiplied by (1/1-T) (page 3, line 31).

Inputs	FIT =	21.00%
	SIT =	9.99% (State Income Tax Rate or Composite SIT)
	p =	(percent of federal income tax deductible for state purposes)

- L Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including Account Nos. 561.1 - 561.3, and 561.BA., and related to generation step-up facilities, which are deemed included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- M Removes transmission plant determined by Commission order to be state-jurisdictional according to the seven-factor test (until Form 1 balances are adjusted to reflect application of seven-factor test).
- N Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- O Enter dollar amounts

- P Debt cost rate will be set at 4.5% until such time as debt is issued by MAIT. Once debt is issued, the long-term debt cost rate will be the weighted average of the rates for all outstanding debt instruments, calculated within Attachment 10, col. j. Consistent with Note C, there will be no preferred stock cost, consistent with MAIT's commitment to use a hypothetical 50%/50% capital structure until calendar year 2019. Thereafter, Preferred cost rate = preferred dividends (line 21) / preferred outstanding (line 23). No change in ROE may be made absent a filing with FERC under Section 205 or Section 206 of the Federal Power Act. Per the Settlement Agreement in Docket No. ER17-211-000, MAIT's stated ROE is set to 10.30% (9.8% base ROE plus 50 basis point adder for RTO participation).
- Q Line 28 must equal zero since all short-term power sales must be unbundled and the transmission component reflected in Account No. 456.1 and all other uses are to be included in the divisor.
- R Includes income related only to transmission facilities, such as pole attachments, rentals and special use.
- S Excludes revenues unrelated to transmission services.
- T The revenues credited on page 1, lines 2-6 shall include only the amounts received directly (in the case of grandfathered agreements) or from the ISO (for service under this tariff) reflecting the Transmission Owner's integrated transmission facilities. They do not include revenues associated with FERC annual charges, gross receipts taxes, ancillary services, or facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template. The revenue on line 7 is supported by its own reference.
- U Plant in Service, Accumulated Depreciation, and Depreciation Expense amounts exclude Asset Retirement Obligation amounts unless authorized by FERC.
- V On Page 4, Line 31, enter revenues from RTO settlements that are associated with NITS and firm Point-to-Point Service for which the load is not included in the divisor to derive Met-Ed's and Penelec's zonal rates. Exclude non-firm Point-to-Point revenues and revenues related to RTEP projects.
- W Account Nos. 561.4, 561.8, and 575.7 consist of RTO expenses billed to load-serving entities and are not included in Transmission Owner revenue requirements.
- X Calculate using a 13 month average balance.
- Y Calculate using average of beginning and end of year balance.
- Z Includes only CWIP authorized by the Commission for inclusion in rate base.
- AA Any actual ROE incentive must be approved by the Commission; therefore, line will remain zero until a project(s) is granted an ROE incentive adder.
- BB Unamortized Abandoned Plant and Amortization of Abandoned Plant will be zero until the Commission accepts or approves recovery of the cost of abandoned plant. Utility must submit a Section 205 filing to recover the cost of abandoned plant.
- CC Peak as would be reported on page 401, column d of Form 1 at the time of Met-Ed's and Penelec's zonal peak for the twelve month period ending October 31 of the calendar year used to calculate rates. The projection year will utilize the most recent preceding 12-month period at the time of the filing.
- DD Includes transmission-related balance only.

Schedule 1A Rate Calculation

1	\$	1,414,607	Attachment H-28A, Page 4, Line 7
2		108,739	Revenue Credits for Sched 1A - Note A
3	\$	1,305,868	Net Schedule 1A Expenses (Line 1 - Line 2)
4		32,858,962	Annual MWh in Met-Ed and Penelec Zones - Note B
5	\$	0.0397	Schedule 1A rate \$/MWh (Line 3/ Line 4)

Note:

- A Revenues received pursuant to PJM Schedule 1A revenue allocation procedures for transmission service outside of Met-Ed's and Penelec's zones during the year used to calculate rates under Attachment H-28A.
- B Load expressed in MWh consistent with load used for billing under Schedule 1A for the Met-Ed and Penelec zones. Data from RTO settlement systems for the calendar year prior to the rate year.

Incentive ROE Calculation

Return Calculation		Source Reference		
1	Rate Base	Attachment H-28A, page 2, Line 36, Col. 5	1,807,031,544	
2	Preferred Dividends	enter positive	0	
Common Stock				
3	Proprietary Capital	Attachment 8, Line 14, Col. 1	1,579,793,959	
4	Less Preferred Stock	Attachment 8, Line 14, Col. 2	0	
5	Less Accumulated Other Comprehensive Income Account 219	Attachment 8, Line 14, Col. 4	0	
6	Less Account 216.1 & Goodwill	Attachment 8, Line 14, Col. 3 & 5	223,591,970	
7	Common Stock	Attachment 8, Line 14, Col. 6	1,356,201,989	
Capitalization				
8	Long Term Debt	Attachment H-28A, page 4, Line 22, Col. 3	908,158,664	
9	Preferred Stock	Attachment H-28A, page 4, Line 23, Col. 3	0	
10	Common Stock	Attachment H-28A, page 4, Line 24, Col. 3	1,356,201,989	
11	Total Capitalization	Attachment H-28A, page 4, Line 25, Col. 3	2,264,360,654	
12	Debt %	Total Long Term Debt	Attachment H-28A, page 4, Line 22, Col. 4	40.1066%
13	Preferred %	Preferred Stock	Attachment H-28A, page 4, Line 23, Col. 4	0.0000%
14	Common %	Common Stock	Attachment H-28A, page 4, Line 24, Col. 4	59.8934%
15	Debt Cost	Total Long Term Debt	Attachment H-28A, page 4, Line 22, Col. 5	0.0377
16	Preferred Cost	Preferred Stock	Attachment H-28A, page 4, Line 23, Col. 5	0.0000
17	Common Cost	Common Stock	10.30%	0.1030
18	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 12 * Line 15)	0.0151
19	Weighted Cost of Preferred	Preferred Stock	(Line 13 * Line 16)	0.0000
20	Weighted Cost of Common	Common Stock	(Line 14 * Line 17)	0.0617
21	Rate of Return on Rate Base (ROR)		(Sum Lines 18 to 20)	0.0768
22	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 21)	138,798,767
Income Taxes				
Income Tax Rates				
23	$T = 1 - (((1 - \text{SIT}) * (1 - \text{FIT})) / (1 - \text{SIT} * \text{FIT} * p)) =$	Attachment H-28A, page 3, Line 29, Col. 3	28.89%	
24	$\text{CIT} = (T / (1 - T)) * (1 - (\text{WCLTD} / \text{R})) =$	Calculated	32.63%	
25	$1 / (1 - T) =$ (from line 23)	Attachment H-28A, page 3, Line 31, Col.3	1.4063	
26	Amortized Investment Tax Credit (266.8.f) (enter negative)	Attachment H-28A, page 3, Line 32, Col. 3	(99,685.00)	
27	Tax Effect of Permanent Differences and AFUDC Equity (Excess)/Deficient Deferred Income Taxes	Attachment H-28A, page 3, Line 33, Col. 3	326,807.33	
28	Income Tax Calculation	Attachment H-28A, page 3, Line 34, Col. 3	(1,135,778.75)	
29	ITC adjustment	(line 22 * line 24)	45,294,241.58	
30	Permanent Differences and AFUDC Equity Tax Adjustment (Excess)/Deficient Deferred Income Tax Adjustment	(line 25 * line 26)	(140,188.36)	
31	Total Income Taxes	Attachment H-28A, page 3, Line 37, Col. 3	459,593.56	
32		Attachment H-28A, page 3, Line 38, Col. 3	(1,597,260.99)	
33		Sum lines 29 to 32	44,016,385.78	
Increased Return and Taxes				
34	Return and Income taxes with increase in ROE	(Line 22 + Line 33)	182,815,152.80	
35	Return without incentive adder	Attachment H-28A, Page 3, Line 40, Col. 5	138,798,767.02	
36	Income Tax without incentive adder	Attachment H-28A, Page 3, Line 39, Col. 5	44,016,385.78	
37	Return and Income taxes <u>without</u> increase in ROE	Line 35 + Line 36	182,815,152.80	
38	Return and Income taxes with increase in ROE	Line 34	182,815,152.80	
39	Incremental Return and incomes taxes for increase in ROE	Line 38 - Line 37	-	
40	Rate Base	Line 1	1,807,031,544.02	
41	Incremental Return and incomes taxes for increase in ROE divided by rate base	Line 39 / Line 40	-	

Notes:
Line 17 to include an incentive ROE that is used only to determine the increase in return and incomes taxes associated with a specific increase in ROE. Any actual ROE incentive must be approved by the Commission. Until an ROE incentive is approved, line 17 will reflect the current ROE.

Gross Plant Calculation

		[1]	[2]	[3]	[4]	[5]	[6]	[7]	
		Production	Transmission	Distribution	Intangible	General	Common	Total	
1	December	2021	-	2,300,529,800	-	48,296,008	85,685,128	-	2,434,510,936
2	January	2022	-	2,326,875,712	-	51,799,099	85,712,830	-	2,464,387,641
3	February	2022	-	2,330,733,698	-	52,127,765	85,719,797	-	2,468,581,260
4	March	2022	-	2,341,158,428	-	53,159,046	85,720,388	-	2,480,037,862
5	April	2022	-	2,362,829,183	-	55,354,711	85,983,184	-	2,504,167,078
6	May	2022	-	2,379,362,589	-	56,306,476	85,983,092	-	2,521,652,158
7	June	2022	-	2,404,441,923	-	57,954,632	85,982,999	-	2,548,379,554
8	July	2022	-	2,407,927,591	-	60,119,299	85,982,899	-	2,554,029,789
9	August	2022	-	2,428,072,047	-	61,227,043	85,985,816	-	2,575,284,906
10	September	2022	-	2,443,767,487	-	75,631,776	85,992,123	-	2,605,391,386
11	October	2022	-	2,470,502,950	-	76,847,875	85,995,807	-	2,633,346,632
12	November	2022	-	2,480,577,361	-	77,208,335	87,952,837	-	2,645,738,534
13	December	2022	-	2,565,271,201	-	81,352,760	87,952,753	-	2,734,576,714
14	13-month Average	[A] [C]	-	2,403,234,613	-	62,106,525	86,203,820	-	2,551,544,958
			Production	Transmission	Distribution	Intangible	General	Common	Total
		[B]	205.46.g	207.58.g	207.75.g	205.5.g	207.99.g	356.1	
15	December	2021	-	2,300,541,454	-	48,296,008	85,685,128	-	2,434,522,591
16	January	2022	-	2,326,887,366	-	51,799,099	85,712,830	-	2,464,399,296
17	February	2022	-	2,330,745,352	-	52,127,765	85,719,797	-	2,468,592,915
18	March	2022	-	2,341,170,082	-	53,159,046	85,720,388	-	2,480,049,517
19	April	2022	-	2,362,840,837	-	55,354,711	85,983,184	-	2,504,178,732
20	May	2022	-	2,379,374,244	-	56,306,476	85,983,092	-	2,521,663,812
21	June	2022	-	2,404,453,578	-	57,954,632	85,982,999	-	2,548,391,209
22	July	2022	-	2,407,939,245	-	60,119,299	85,982,899	-	2,554,041,443
23	August	2022	-	2,428,083,701	-	61,227,043	85,985,816	-	2,575,296,560
24	September	2022	-	2,443,779,141	-	75,631,776	85,992,123	-	2,605,403,041
25	October	2022	-	2,470,514,605	-	76,847,875	85,995,807	-	2,633,358,286
26	November	2022	-	2,480,589,016	-	77,208,335	87,952,837	-	2,645,750,188
27	December	2022	-	2,565,282,856	-	81,352,760	87,952,753	-	2,734,588,369
28	13-month Average		-	2,403,246,268	-	62,106,525	86,203,820	-	2,551,556,612

Asset Retirement Costs			Production	Transmission	Distribution	Intangible	General	Common
		[B]	205.44.g	207.57.g	207.74.g	company records	207.98.g	company records
29	December	2021	-	11,654	-	-	-	-
30	January	2022	-	11,654	-	-	-	-
31	February	2022	-	11,654	-	-	-	-
32	March	2022	-	11,654	-	-	-	-
33	April	2022	-	11,654	-	-	-	-
34	May	2022	-	11,654	-	-	-	-
35	June	2022	-	11,654	-	-	-	-
36	July	2022	-	11,654	-	-	-	-
37	August	2022	-	11,654	-	-	-	-
38	September	2022	-	11,654	-	-	-	-
39	October	2022	-	11,654	-	-	-	-
40	November	2022	-	11,654	-	-	-	-
41	December	2022	-	11,654	-	-	-	-
42	13-month Average		-	11,654	-	-	-	-

Notes:

- [A] Included on Attachment H-28A, page 2, lines 1-6, Col. 3
- [B] Reference for December balances as would be reported in FERC Form 1.
- [C] Balance excludes Asset Retirements Costs
- [D] Met-Ed retained 34.5kV lines

Accumulated Depreciation Calculation

			[1]	[2]	[3]	[4]	[5]	[6]	[7]
			Production	Transmission	Distribution	Intangible	General	Common	Total
1	December	2021	-	341,469,352	-	11,344,495	13,154,765	-	365,968,612
2	January	2022	-	341,770,454	-	11,935,118	13,391,519	-	367,097,091
3	February	2022	-	343,312,254	-	12,553,916	13,629,768	-	369,495,937
4	March	2022	-	343,744,591	-	13,180,811	13,868,475	-	370,793,878
5	April	2022	-	343,157,908	-	13,826,920	14,090,645	-	371,075,473
6	May	2022	-	343,555,108	-	14,491,769	14,329,792	-	372,376,670
7	June	2022	-	344,536,961	-	15,172,099	14,568,939	-	374,277,999
8	July	2022	-	347,800,819	-	15,875,131	14,808,086	-	378,484,036
9	August	2022	-	349,496,059	-	16,597,647	15,047,065	-	381,140,771
10	September	2022	-	351,188,746	-	17,374,810	15,285,900	-	383,849,456
11	October	2022	-	351,845,213	-	18,276,263	15,524,983	-	385,646,459
12	November	2022	-	353,556,493	-	19,187,103	15,640,884	-	388,384,480
13	December	2022	-	351,331,743	-	20,124,639	15,883,178	-	387,339,559
14	13-month Average	[A] [C]	-	346,674,285	-	15,380,055	14,555,692	-	376,610,032.34
			Production	Transmission	Distribution	Intangible	General	Common	Total
		[B]	219.20-24.c	219.25.c	219.26.c	200.21.c	219.28.c	356.1	
15	December	2021		341,478,021		11,344,495	13,154,765		365,977,282
16	January	2022		341,779,142		11,935,118	13,391,519		367,105,779
17	February	2022		343,320,961		12,553,916	13,629,768		369,504,644
18	March	2022		343,753,318		13,180,811	13,868,475		370,802,604
19	April	2022		343,166,654		13,826,920	14,090,645		371,084,219
20	May	2022		343,563,873		14,491,769	14,329,792		372,385,434
21	June	2022		344,545,744		15,172,099	14,568,939		374,286,782
22	July	2022		347,809,621		15,875,131	14,808,086		378,492,838
23	August	2022		349,504,881		16,597,647	15,047,065		381,149,592
24	September	2022		351,197,587		17,374,810	15,285,900		383,858,297
25	October	2022		351,854,072		18,276,263	15,524,983		385,655,318
26	November	2022		353,565,371		19,187,103	15,640,884		388,393,358
27	December	2022		351,340,640		20,124,639	15,883,178		387,348,457
28	13-month Average		-	346,683,068	-	15,380,055	14,555,692	-	376,618,816

Reserve for Depreciation of Asset Retirement Costs			Production	Transmission	Distribution	Intangible	General	Common
		[B]	Company Records					
29	December	2021		8,669				
30	January	2022		8,688				
31	February	2022		8,707				
32	March	2022		8,726				
33	April	2022		8,745				
34	May	2022		8,764				
35	June	2022		8,783				
36	July	2022		8,802				
37	August	2022		8,821				
38	September	2022		8,840				
39	October	2022		8,859				
40	November	2022		8,878				
41	December	2022		8,897				
42	13-month Average			8,783	-	-	-	-

Notes:

- [A] Included on Attachment H-28A, page 2, lines 7-11, Col. 3
[B] Reference for December balances as would be reported in FERC Form 1.
[C] Balance excludes reserve for depreciation of asset retirement costs

ADIT Calculation

	[1]	[2]	[3]	[4]	[5]	[6]
	ADIT Transmission Total (including Plant & Labor Related Transmission ADITs and applicable transmission adjustments from notes below)					Total
	Acct. No. 281 (enter negative)	Acct. No. 282 (enter negative)	Acct. No. 283 (enter negative)	Acct. No. 190	Acct. No. 255 (enter negative)	
		[C]	[D]	[E]	[F]	
1 December 31 2021	-	(380,473,282)	(2,949,178)	11,124,950	-	(372,297,510)
2 December 31 2022	-	(393,131,776)	(2,836,375)	10,764,461	-	(385,203,690)
3 Begin/End Average [A]	-	(386,802,529)	(2,892,776)	10,944,705	-	(378,750,600)

		Acct. No. 281	Acct. No. 282	Acct. No. 283	Acct. No. 190	Acct. No. 255	Total
		ADIT Total Transmission-related only, including Plant & Labor Related Transmission ADITs (prior to adjustments from notes below)					
	[B]	273.8.k	275.2.k	277.9.k	234.8.c	267.h	
4 December 31 2021			318,480,306	(18,360,823)	16,805,335	2,030,415	318,955,233
5 December 31 2022			354,978,164	(17,290,811)	15,643,072	1,930,730	355,261,155
6 Begin/End Average		-	336,729,235	(17,825,817)	16,224,204	1,980,572	337,108,194

Notes:

- [A] Beginning/Ending Average with adjustments for FAS143, FAS106, FAS109, CIACs and normalization to populate Appendix H-28A, page 2, lines 19-23, col. 3 for accounts 281, 282, 283, 190, and 255, respectively
- [B] Reference for December balances as would be reported in FERC Form 1.
- [C] FERC Account No. 282 is adjusted for the following items.

	FAS 143 - ARO	FAS 106	FAS 109	CIAC	Other: [H]	Other: [H]	Normalization [G]
2021	-	(7,181,945)	(54,811,031)	-	-	-	-
2022	-	(6,956,319)	(51,185,262)	-	-	-	19,987,969

- [D] FERC Account No. 283 is adjusted for the following items.

	FAS 143 - ARO	FAS 106	FAS 109	CIAC	Other: [H]	Other: [H]	Normalization [G]
2021	-	-	(21,310,001)	-	-	-	-
2022	-	-	(19,949,068)	-	-	-	(178,118)

- [E] FERC Account No. 190 is adjusted for the following items:

	FAS 143 - ARO	FAS 106	FAS 109	CIAC	Other: [H]	Other: [H]	Normalization [G]
2021	-	-	(819,179)	6,499,565	-	-	-
2022	-	-	(602,362)	6,050,192	-	-	(569,218)

- [F] See Attachment H-28A, page 5, note K; 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).

- [G] Taken from Attachment 5a, page 2, col. 4.

- [H] Include any additional adjustments to ADIT items as may be recognized in the future to be proper for PTRR/ATRR calculation purposes.

ADIT Normalization Calculation									ADIT Normalization Calculation						
[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[1]	[2]	[3]	[4]	[5]		
	2022 Quarterly Activity and Balances								2022 Activity		FERC Form 1 - Year End (sourced from Attachment 5, page 1, line 5)	Prorated year-end less FERC Form 1 Year-end	Sum of FAS143, FAS106, FAS109, CIAC and Other from Attachment 5, page 1, notes	Total Normalization to Attachment 5 (col. 2 - col. 3)	Ending Balance for formula rate (col. 1 - col. 3 - col. 4)
Beginning 190 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4							
11,124,950	(236,876)	10,888,074	(245,028)	10,643,046	(221,986)	10,421,059	(225,817)	10,195,243							
Beginning 190 (including adjustments)	Pro-rated Q1	Pro-rated Q2	Pro-rated Q3	Pro-rated Q4	Pro-rated Total	Pro-rated Ending 190									
11,124,950	(179,117)	(124,192)	(56,561)	(619)	(360,489)	10,764,461			15,643,072	4,878,612	5,447,830	(569,218)	10,764,461		
Beginning 282 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4							
380,473,282	8,317,837	388,791,119	8,604,121	397,395,241	7,795,005	405,190,246	7,929,500	413,119,745							
Beginning 282 (including adjustments)	Pro-rated Q1	Pro-rated Q2	Pro-rated Q3	Pro-rated Q4	Pro-rated Total	Pro-rated Ending 282									
380,473,282	6,289,652	4,360,993	1,986,125	21,725	12,658,494	393,131,776			354,978,164	(38,153,612)	(58,141,581)	19,987,969	393,131,776		
Beginning 283 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4							
2,949,178	(74,122)	2,875,055	(76,673)	2,798,382	(69,463)	2,728,919	(70,662)	2,658,257							
Beginning 283 (including adjustments)	Pro-rated Q1	Pro-rated Q2	Pro-rated Q3	Pro-rated Q4	Pro-rated Total	Pro-rated Ending 283									
2,949,178	(56,049)	(38,862)	(17,699)	(194)	(112,803)	2,836,375			(17,290,811)	(20,127,186)	(19,949,068)	(178,118)	2,836,375		

Attachment H-28A, Attachment 5b

page 1 of 3

ADIT Detail

For the 12 months ended 12/31/2022

<u>COLUMN A</u>	<u>COLUMN B</u>	<u>COLUMN C</u>	<u>COLUMN D</u>
	BALANCE AS <u>OF 12-31-21</u>	BALANCE AS <u>OF 12-31-22</u>	AVERAGE <u>BALANCE</u>

ACCOUNT 255:

Investment Tax Credit	2,030,415	1,930,730	1,980,572
1 TOTAL ACCOUNT 255	<u>2,030,415</u>	<u>1,930,730</u>	

ACCOUNT 282:

263A Capitalized Overheads	20,624,065	19,805,645	20,214,855
Accelerated Depreciation	281,970,873	308,747,098	295,358,985
AFUDC	4,702,679	5,567,180	5,134,930
AFUDC Equity	9,804,003	11,380,300	10,592,151
Capitalized Benefits	5,001,217	4,828,057	4,914,637
Capitalized Tree Trimming	5,405,329	5,637,699	5,521,514
Casualty Loss	(379,691)	(947,933)	(663,812)
OPEBs	(7,181,945)	(6,956,319)	(7,069,132)
Other	(3,700,659)	(3,937,497)	(3,819,078)
Repairs	66,849,469	73,419,496	70,134,482
FAS109 Related to Property	(64,615,035)	(62,565,562)	(63,590,298)
2 TOTAL ACCOUNT 282	<u>318,480,306</u>	<u>354,978,164</u>	

Attachment H-28A, Attachment 5b

page 2 of 3

ADIT Detail

For the 12 months ended 12/31/2022

<u>COLUMN A</u>	<u>COLUMN B</u>	<u>COLUMN C</u>	<u>COLUMN D</u>
	BALANCE AS <u>OF 12-31-21</u>	BALANCE AS <u>OF 12-31-22</u>	AVERAGE <u>BALANCE</u>

ACCOUNT 283:

AFUDC Equity Flow Thru (Gross up)	3,983,499	4,623,969	4,303,734
Property FAS109	(25,439,708)	(24,715,388)	(25,077,548)
Vegetation Management - FERC Adjustment	512,613	340,056	426,334

State Income Tax Deductible	193,099	193,099	193,099
Deferred Charge-EIB	109,757	163,174	136,465
FAS 109 Gross-up on Non-property Items	146,208	142,351	144,279
Lease ROU Asset & Liability	2,133,709	1,961,928	2,047,818

3 TOTAL ACCOUNT 283 (18,360,823) (17,290,811)

Attachment H-28A, Attachment 5b

page 3 of 3

ADIT Detail

For the 12 months ended 12/31/2022

COLUMN A

COLUMN B

COLUMN C

COLUMN D

BALANCE AS BALANCE AS AVERAGE
OF 12-31-21 OF 12-31-22 BALANCE

ACCOUNT 190:

Capitalized Interest	4,911,228	5,777,456	5,344,342
Contribution in Aid of Construction	6,499,565	6,050,192	6,274,878
Federal Long Term - NOL	311,492	311,492	311,492
Investment Tax Credit	824,985	784,482	804,733
PJM Payable	1,044,154	(0)	522,077
NOL Deferred Tax Asset - LT PA	5,217,915	4,456,642	4,837,279
FAS109 Related to Property	(2,004,003)	(1,737,191)	(1,870,597)

4 TOTAL ACCOUNT 190 16,805,335 15,643,072 16,224,204

Attachment H-28A, Attachment 6
page 1 of 1
For the 12 months ended 12/31/2022

1 **Calculation of PBOP Expenses**

2 **MAIT**

	<u>Amount</u>	<u>Source</u>
3 Total FirstEnergy PBOP expenses	(108,686,300)	FirstEnergy 2015 Actuarial Study
4 Labor dollars (FirstEnergy)	2,024,261,894	FirstEnergy 2015 Actual: Company Records
5 cost per labor dollar (line 3 / line 4)	-\$0.0537	
6 labor (labor not capitalized) current year	26,064,479	MAIT Labor: Company Records
7 PBOP Expense for current year (line 5 * line 6)	-\$1,399,449	
8 PBOP expense in Account 926 for current year	(562,331)	MAIT Account 926: Company Records
9 PBOP Adjustment for Attachment H-28A, page 3, line 9 (line 7 - line 8)	(837,118)	

10 Lines 3-4 cannot change absent a Section 205 or 206 filing approved or accepted by FERC in a separate proceeding

Attachment H-28A, Attachment 7
page 1 of 1
For the 12 months ended 12/31/2022

Taxes Other than Income Calculation

	[A]	Dec 31, 2022
1 Payroll Taxes		
1a FICA	263.i	612,332
1b	263.i	-
1c	263.i	-
1z	Payroll Taxes Total	612,332
2 Highway and Vehicle Taxes		
2a	263.i	-
2z	Highway and Vehicle Taxes	-
3 Property Taxes		
3a Property Tax	263.i	111,618
3b		-
3c		-
3z	Property Taxes	111,618
4 Gross Receipts Tax		
4a	263.i	-
4z	Gross Receipts Tax	-
5 Other Taxes		
5a	263.i	-
5b	263.i	-
5c		-
5z	Other Taxes	-
6z	Payments in lieu of taxes	
7	Total other than income taxes (sum lines 1z, 2z, 3z, 4z, 5z, 6z) [tie to 114.14c]	\$723,950

Notes:

[A] Reference for December balances as would be reported in FERC Form 1.

Capital Structure Calculation

		[1]	[2]	[3]	[4]	[5]	[6]	[7]	
		Proprietary Capital	Preferred Stock	Account 216.1	Account 219	Goodwill	Common Stock	Long Term Debt	
	[A]	112.16.c	112.3.d	112.12.c	112.15.c	233.5.f	(1) - (2) - (3) - (4) - (5)	112.24.c	
1	December	2021	1,464,138,302			223,591,970	1,240,546,332	863,026,653	
2	January	2022	1,474,181,764			223,591,970	1,250,589,794	862,856,347	
3	February	2022	1,484,324,316			223,591,970	1,260,732,346	862,686,042	
4	March	2022	1,494,807,281			223,591,970	1,271,215,311	862,515,736	
5	April	2022	1,505,688,711			223,591,970	1,282,096,741	862,345,430	
6	May	2022	1,516,678,519			223,591,970	1,293,086,549	862,175,124	
7	June	2022	1,527,957,982			223,591,970	1,304,366,012	862,004,818	
8	July	2022	1,538,685,311			223,591,970	1,315,093,341	961,834,512	
9	August	2022	1,549,813,318			223,591,970	1,326,221,348	961,664,207	
10	September	2022	1,761,079,391			223,591,970	1,537,487,421	961,493,901	
11	October	2022	1,772,363,951			223,591,970	1,548,771,981	961,323,595	
12	November	2022	1,783,471,008			223,591,970	1,559,879,038	961,153,289	
13	December	2022	1,664,131,614			223,591,970	1,440,539,644	960,982,983	
14	13-month Average		1,579,793,959	-	-	-	223,591,970	1,356,201,989	908,158,664

Notes:

[A] Reference for December balances as would be reported in FERC Form 1.

Stated Value Inputs**Formula Rate Protocols
Section VIII.A****1. Rate of Return on Common Equity ("ROE")**

MAIT's stated ROE is set to: 10.3%

2. Postretirement Benefits Other Than Pension ("PBOP")

**sometimes referred to as Other Post Employment Benefits, or "OPEB"*

Total FirstEnergy PBOP expenses	(108,686,300)
Labor dollars (FirstEnergy)	2,024,261,894

3. Depreciation Rates

FERC Account	Depr %
352	1.28%
353	2.05%
354	1.39%
355	2.32%
356	2.68%
356.1	1.27%
358	2.52%
359	0.87%
390.1	2.90%
390.2	1.24%
391.1	0.63%
391.2	18.82%
392	4.84%
393	0.01%
394	4.62%
395	0.00%
396	0.47%
397	1.80%
398	0.32%
303	14.29%

4. Net Plant Allocator

If the Net Plant (NP) allocator becomes anything other than 1.000 (or 100%), MAIT must make a Section 205 filing to seek approval of any new depreciation or amortization rates applicable to production and/or distribution plant accounts.

5. Land Rights

If Land Rights (Account 350) are acquired by MAIT, it must make a Section 205 filing to establish the appropriate depreciation rate.

Debt Cost Calculation

TABLE 1: Summary Cost of Long Term Debt

CALCULATION OF COST OF DEBT

YEAR ENDED 12/31/2022

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
t=N	Issue Date	Maturity Date	ORIGINAL ISSUANCE (table 2, col. cc)	Net Proceeds At Issuance (table 2, col. hh)	Net Amount Outstanding at t=N	Months Outstanding at t=N	Average Net Outstanding in Year* z* ((col e. * col. F)/12)	Weighted Outstanding Ratios (col. g/col. g total)	Effective Cost Rate (Table 2, Col. II)	Weighted Debt Cost at t = N (h) * (i)
Long Term Debt Cost at Year En 12/31/2022										
<u>First Mortgage Bonds:</u>										
(1) 4.10%, Senior Unsecured Note	5/10/2018	5/15/2028	\$ 450,000,000	\$ 445,906,699	\$ 448,075,490	12	\$ 448,075,490	49.45%	4.21%	2.08%
(2) 3.60%, Senior Unsecured Note	3/31/2020	4/1/2032	\$ 125,000,000	\$ 124,231,771	\$ 124,407,882	12	\$ 124,407,882	13.73%	3.66%	0.50%
(3) 3.70%, Senior Unsecured Note	3/31/2020	4/1/2035	\$ 125,000,000	\$ 124,231,771	\$ 124,372,685	12	\$ 124,372,685	13.73%	3.75%	0.52%
(4) 4.10%, Senior Unsecured Note	5/24/2021	5/15/2028	\$ 150,000,000	\$ 162,715,750	\$ 159,791,327	12	\$ 159,791,327	17.63%	2.76%	0.49%
(5) 3.25%, Senior Unsecured Note - Planned	7/1/2022	7/1/2032	\$ 100,000,000	\$ 99,000,000	\$ 99,050,096	6	\$ 49,525,048	5.47%	3.37%	0.18%
Total			\$ 950,000,000		\$ 955,697,480		\$ 906,172,433	100.000%		3.77%

t = time

The current portion of long term debt is included in the Net Amount Outstanding at t = N in these calculations.

The outstanding amount (column (e)) for debt retired during the year is the outstanding amount at the last month it was outstanding.

* z = Average of monthly balances for months outstanding during the year (average of the balances for the 12 months of the year, with zero in months that the issuance is not outstanding in a month).

Interim (individual debenture) debt cost calculations shall be taken to four decimals in percentages (7.2300%, 5.2582%); Final Total Weighted Average Debt Cost for the Formula Rate shall be rounded to two decimals of a percent (7.03%).

** This Total Weighted Average Debt Cost will be shown on page 4, line 22, column 5 of formula rate Attachment H-28A.

TABLE 2: Effective Cost Rates For Traditional Front-Loaded Debt Issuances:

YEAR ENDED 12/31/2022

	(aa)	(bb)	(cc)	(dd)	(ee)	(ff)	(gg)	(hh)	(ii)	(jj)	(kk)	(ll)	
Long Term Debt Issuances	Affiliate	Issue Date	Maturity Date	Amount Issued	(Discount) Premium at Issuance	Issuance Expense	Loss/Gain on Reacquired Debt	Less Related ADIT	Net Proceeds (col. cc + col. dd + col. ee + col. ff)	Net Proceeds Ratio ((col. cc / col. hh)*100)	Coupon Rate	Annual Interest (col. cc * col. jj)	Effective Cost Rate* (Yield to Maturity at Issuance, t = 0)
(1) 4.10%, Senior Unsecured Note		5/10/2018	5/15/2028	\$ 450,000,000	\$ (112,500)	\$ 3,980,801	-	xxx	\$ 445,906,699	99.0904	0.04100	\$ 18,450,000	4.21%
(2) 3.60%, Senior Unsecured Note		3/31/2020	4/1/2032	\$ 125,000,000	\$ -	\$ 768,229	-	xxx	\$ 124,231,771	99.3854	0.03600	\$ 4,500,000	3.66%
(3) 3.70%, Senior Unsecured Note		3/31/2020	4/1/2035	\$ 125,000,000	\$ -	\$ 768,229	-	xxx	\$ 124,231,771	99.3854	0.03700	\$ 4,625,000	3.75%
(4) 4.10%, Senior Unsecured Note		5/24/2021	5/15/2028	\$ 150,000,000	\$ 14,337,000	\$ 1,621,250	-	xxx	\$ 162,715,750	108.4772	0.04100	\$ 6,150,000	2.76%
(5) 3.25%, Senior Unsecured Note - Planned		7/1/2022	7/1/2032	\$ 100,000,000	\$ -	\$ 1,000,000	-	xxx	\$ 99,000,000	99.0000	0.03250	\$ 3,250,000	3.37%
TOTALS				\$ 950,000,000	14,224,500	\$ 8,138,509	-	xxx	\$ 956,085,991			\$ 36,975,000	

* YTM at issuance calculated from an acceptable bond table or from YTM = Internal Rate of Return (IRR) calculation

Effective Cost Rate of Individual Debenture (YTM at issuance): the t=0 Cashflow C₀ equals Net Proceeds column (gg); Semi-annual (or other) interest cashflows (C_{1,t}, C_{2,t}, etc.).

Transmission Enhancement Charge (TEC) Worksheet
To be completed in conjunction with Attachment H-28A

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Line No.	Reference	Transmission	Allocator	Line No.	Reference	Transmission	Allocator	
1	Gross Transmission Plant - Total	Attach. H-28A, p. 2, line 2, col. 5 (Note A)	\$ 2,403,234,613					
2	Net Transmission Plant - Total	Attach. H-28A, p. 2, line 14, col. 5 (Note B)	\$ 2,056,560,328					
OSM EXPENSE								
3	Total OSM Allocated to Transmission	Attach. H-28A, p. 3, line 15, col. 5	\$ 73,821,336					
4	Annual Allocation Factor for OSM	(line 3 divided by line 1, col. 3)	3.075910%					3.075910%
GENERAL, INTANGIBLE, AND COMMON (G, I, & C) DEPRECIATION EXPENSE								
5	Total G, I, & C depreciation expense	Attach. H-28A, p. 3, lines 17 & 18, col. 5	\$ 11,693,285					
6	Annual allocation factor for G, I, & C depreciation expense	(line 5 divided by line 1, col. 3)	0.486564%					0.486564%
TAXES OTHER THAN INCOME TAXES								
7	Total Other Taxes	Attach. H-28A, p. 3, line 28, col. 5	\$ 723,950					
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1, col. 3)	0.030124%					0.030124%
9	Annual Allocation Factor for Expense	Sum of line 4, 6, & 8						3.592599%
INCOME TAXES								
10	Total Income Taxes	Attach. H-28A, p. 3, line 39, col. 5	\$ 44,016,386					
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2, col. 3)	2.140291%					2.140291%
RETURN								
12	Return on Rate Base	Attach. H-28A, p. 3, line 40, col. 5	\$ 138,798,767					
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2, col. 3)	6.749073%					6.749073%
14	Annual Allocation Factor for Return	Sum of line 11 and 13						8.889365%

Columns 5-9 (page 1) only applies with incentive RDE project(s) (Note F)

(5)	(6)	(7)	(8)	(9)
Line No.	Reference	Transmission	Allocator	
10b	INCOME TAXES			
11b	Total Income Taxes	Attachment 2, line 33	\$ 44,016,386	
	Annual Allocation Factor for Income Taxes	(line 10b divided by line 2, col. 3)	2.140291%	2.140291%
RETURN				
12b	Return on Rate Base	Attachment 2, line 22	\$ 138,798,767	
13b	Annual Allocation Factor for Return on Rate Base	(line 12b divided by line 2, col. 3)	6.749073%	6.749073%
14b	Annual Allocation Factor for Return	Sum of line 11b and 13b		8.889365%
15	Additional Annual Allocation Factor for Return	Line 14 b, col. 9 less line 14, col. 4		0.00009%

Transmission Enhancement Charge (TEC) Worksheet
To be completed in conjunction with Attachment H-28A

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Line No.	Project Name	RTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	Additional Incentive Annual Allocation Factor for Return (Note F)	Total Annual Revenue Requirement	Net Revenue Requirement with True-up
			(Note C & H)	(Page 1, line 9)	(Col. 3 * Col. 4)	(Note D & H)	Page 1, line 14	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8, & 9)	(Col. 6 * Page 1, line 15, Col. 9)	(Sum Col. 10 & 11)	(Note G)
2a	Install 230kV series reactor and 2-100MVAR PLC switched capacitors at	b0215	\$ 12,637,431	3.592599%	\$ 454,012	\$ 9,646,310	8.889365%	\$ 857,496	\$ 193,353	\$ 1,504,861	-	\$ 1,504,861	\$ 655,654
2a	Huntertown	b0549	\$ 3,207,134	3.592599%	\$ 115,219	\$ 2,700,540	8.889365%	\$ 240,061	\$ 44,258	\$ 399,539	-	\$ 399,539	\$ 178,111
2a	Install 25 MVAR capacitor at Saxton 115 kV substation	b0561	\$ 1,380,393	3.592599%	\$ 49,592	\$ 1,056,915	8.889365%	\$ 93,563	\$ 18,940	\$ 162,485	-	\$ 162,485	\$ 72,534
2a	Install 50 MVAR capacitor at Albions 230 kV substation	b0562	\$ 1,038,335	3.592599%	\$ 37,303	\$ 900,331	8.889365%	\$ 80,069	\$ 14,329	\$ 131,701	-	\$ 131,701	\$ 58,662
2a	Install 50 MVAR capacitor at Ravstown 230 kV substation	b0563	\$ 927,947	3.592599%	\$ 33,337	\$ 781,027	8.889365%	\$ 69,428	\$ 12,806	\$ 115,571	-	\$ 115,571	\$ 51,522
2a	Install 75 MVAR capacitor at East Towanda 230 kV substation	b0567	\$ 2,177,814	3.592599%	\$ 78,240	\$ 1,833,916	8.889365%	\$ 163,023	\$ 29,897	\$ 271,131	-	\$ 271,131	\$ 120,665
2a	Relocate the Erie South 345 kV line terminal Convert Lewis Run-Farmers Valley to 230 kV using 1033.5 ACSR conductor. Project to be completed in conjunction with new Farmers Valley 345/230 kV transformation	b1993	\$ 10,676,225	3.592599%	\$ 383,518	\$ 9,663,320	8.889365%	\$ 861,898	\$ 147,089	\$ 1,362,503	-	\$ 1,362,503	\$ 612,933
2b	Portland-Kittatinny 230kV Terminal Upgrade	b1994	\$ 62,915,669	3.592599%	\$ 2,260,307	\$ 59,234,867	8.889365%	\$ 5,265,603	\$ 905,262	\$ 8,431,173	-	\$ 8,431,173	\$ (1,601,556)
2b	South Lebanon 230/69 kv Bank 1 - Upgrade 69 kv Terminal Facilities	b1994	\$ 130,995	3.592599%	\$ 4,706	\$ 103,303	8.889365%	\$ 9,183	\$ 2,685	\$ 16,574	-	\$ 16,574	\$ (10,391)
2b	Middletown Sub - 69 kv Capacitor Bank	b1362	\$ 47,992	3.592599%	\$ 1,724	\$ 40,908	8.889365%	\$ 3,636	\$ 614	\$ 5,975	-	\$ 5,975	\$ (4,637)
2b	Germanstown - 138kv Reactor Removal	b1816.4	\$ -	3.592599%	\$ 0	\$ -	8.889365%	\$ 0	\$ 0	\$ 0	-	\$ 0	\$ (7,467)
2b	Germanstown - Upgrade 138kV 999L & 115kV 998L components RTEP b2688, b2688.1, b2688.2	b2688.1 & b2688.2	\$ 5,870,922	3.592599%	\$ 210,919	\$ 5,359,050	8.889365%	\$ 476,385	\$ 120,371	\$ 807,675	-	\$ 807,675	\$ (279,748)
2b	Loop the 2026 (TM - Hosensack 500 kv) line in to the Lauschtown substation and upgrade relay at TM 500 kv	b2006.1.1_DFAX_All	\$ 2,216,837	3.592599%	\$ 79,942	\$ 1,938,740	8.889365%	\$ 172,342	\$ 54,534	\$ 306,518	-	\$ 306,518	\$ 88,530
2b	Loop the 2026 (TM - Hosensack 500 kv) line in to the Lauschtown substation and upgrade relay at TM 500 kv	b2006.1.1_Load_Rail	\$ -	3.592599%	\$ -	\$ -	8.889365%	\$ -	\$ -	\$ -	-	\$ -	\$ -
2b	Install 2nd Huntertown 230/115 kV transformer	b2452	\$ 2,216,837	3.592599%	\$ 79,942	\$ 1,938,740	8.889365%	\$ 172,342	\$ 54,534	\$ 306,518	-	\$ 306,518	\$ 49,140
2b	Reconductor Huntertown - Oxford 115 kv line	b2452	\$ 6,030,177	3.592599%	\$ 216,640	\$ 5,361,698	8.889365%	\$ 476,621	\$ 132,655	\$ 825,916	-	\$ 825,916	\$ 335,100
2b	Reconductor the North Meshoppen - Oxbow - Lackawanna 230 kv circuit	b2552.1	\$ 97,862,842	3.592599%	\$ 3,515,819	\$ 91,962,994	8.889365%	\$ 8,174,926	\$ 2,349,143	\$ 14,039,888	-	\$ 14,039,888	\$ 12,518,460
2b	Tie in new Rice substation to Cornmauth-Huntertown 500 kv	b2743.2	\$ 4,492,898	3.592599%	\$ 161,412	\$ 4,476,948	8.889365%	\$ 397,972	\$ 90,714	\$ 650,098	-	\$ 650,098	\$ (154,456)
2b	Upgrade terminal equipment at Cornmauth 500 kv on the Cornmauth - Hunt	b2743.3	\$ 148,686	3.592599%	\$ 5,342	\$ 147,797	8.889365%	\$ 13,138	\$ 3,086	\$ 21,546	-	\$ 21,546	\$ (21,761)
2b	Upgrade terminal equipment at Huntertown 500 kv on the Cornmauth - Hun	b2743.4	\$ 59,245	3.592599%	\$ 2,128	\$ 59,144	8.889365%	\$ 5,257	\$ 967	\$ 8,373	-	\$ 8,373	\$ (7,232)
2b	Install a 120.75 kv 79.4 MVAR capacitor bank at Yorkana 115 kv	b3311	\$ 127,183	3.592599%	\$ 4,569	\$ 127,075	8.889365%	\$ 11,296	\$ 1,412	\$ 17,278	-	\$ 17,278	\$ 17,278
3	Transmission Enhancement Credit taken to Attachment H-28A Page 1, Line 7											29,789,050.66	
4	Additional Incentive Revenue taken to Attachment H-28A Page 3, Line 42									60.00			

Notes
A Gross Transmission Plant is that identified on page 2 line 2 of Attachment H-28A.
B Net Transmission Plant is that identified on page 2 line 14 of Attachment H-28A.
C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 above. This value includes subsequent capital investments required to maintain the project in-service.
D Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment H-28A, page 3, line 16.
F Any actual RDE incentive must be approved by the Commission.
G True-up adjustment is calculated on the project true-up schedule, attachment 12, column 1
H Based on a 13-month average

TEC - True-up
To be completed after Attachment 11 for the True-up Year is updated using actual data

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Line No.	Project Name	RTEP Project Number	Actual Revenues for Appendix D	Projected Annual Revenue Requirement	% of Total Revenue Requirement	Revenue Received	Actual Annual Revenue Requirement	True-up Adjustment Principal Over/(Under)	Applicable Interest Rate on Over/(Under)	Total True-up Adjustment with Interest Over/(Under)
				Projected Attachment 11 p 2 of 2, col. 14	Col d, line 2 / Col. d, line 3	Col c, line 1 * Col e	Actual Attachment 11 p 2 of 2, col. 14	Col. f - Col. G	Col. H line 2x / Col. H line 3 * Col. J line 4	Col. h + Col. i
1	[A] Actual RTEP Credit Revenues for true-up year		15,935,929							
2a	Install 230kV series reactor and 2- 100MVAR PLC switched capacitors at	b0215		\$1,350,447	0.06	1,021,497.41	\$1,628,177	(606,679)	(48,975)	(655,654)
2b	Install 250 MVAR capacitor at Keystone 500 kV	b0549		\$350,150	0.02	264,858.25	\$429,665	(164,807)	(13,304)	(178,111)
2c	Install 25 MVAR capacitor at Saxton 115 kV substation	b0551		\$143,377	0.01	108,452.55	\$175,569	(67,116)	(5,418)	(72,534)
2d	Install 50 MVAR capacitor at Altoona 230 kV substation	b0552		\$115,214	0.01	87,149.78	\$141,421	(54,271)	(4,381)	(58,652)
2e	Install 50 MVAR capacitor at Raystown 230 kV substation	b0553		\$101,288	0.00	76,615.49	\$124,289	(47,673)	(3,848)	(51,522)
2f	Install 75 MVAR capacitor at East Towanda 230 kV substation	b0557		\$237,837	0.01	179,903.05	\$291,555	(111,652)	(9,013)	(120,665)
2g	Relocate the Erie South 345 kV line terminal	b1993		\$1,205,508	0.06	911,863.68	\$1,479,013	(567,149)	(45,784)	(612,933)
2h	Convert Lewis Run-Farmers Valley to 230 kV using 1033.5 ACSR condu	b1994		\$13,956,274	0.66	10,556,728.05	\$9,074,802	1,481,926	119,630	1,601,556
2i	Portland-Kittatinny 230kV Terminal Upgrade	b0132.3		\$36,465	0.00	27,582.78	\$17,968	9,615	776	10,391
2j	South Lebanon 230/69 kv Bank 1 - Upgrade 69 kv Terminal Facilities	b1364		\$24,499	0.00	18,531.39	\$12,079	6,453	521	6,973
2k	Middletown Sub - 69 kv Capacitor Bank	b1362		\$14,164	0.00	10,714.13	\$6,424	4,290	346	4,637
2l	Germantown - 138kv Reactor Removal	b1816.4		\$9,255	0.00	7,000.52	\$91	6,910	558	7,467
2m	Germantown r p 138 115kV #1 Bk Xfmr + Upgrade 138kV 999L & 115kV	b2688.1 & b2688.2		\$1,502,687	0.07	1,136,654.31	\$877,803	258,851	20,896	279,748
2n	Loop the 2026 (TMI - Hosensack 500 kV) line in to the Lauschtown subst	006.1.1 DFAX Allocation		\$329,649	0.02	249,351.08	\$331,269	(81,917)	(6,613)	(88,530)
2o	Loop the 2026 (TMI - Hosensack 500 kV) line in to the Lauschtown subst.1	Load Ratio Share Allocation		\$377,834	0.02	285,799.21	\$331,269	(45,469)	(3,671)	(49,140)
2p	Install 2nd Hunterstown 230/115 kV transformer	b2452		\$766,387	0.04	579,705.89	\$889,775	(310,069)	(25,031)	(335,100)
2q	Reconductor Hunterstown - Oxford 115 kV line	b2452.1		\$322,278	0.02	243,775.37	\$401,889	(158,113)	(12,764)	(170,877)
2r	Reconductor the North Meshoppen - Oxbow - Lackawanna 230 kV circuit and upgrade terminal equipment (PENELEC portion)	b2552.1		\$0	-	-	\$11,583,377	(11,583,377)	(935,083)	(12,518,460)
2s	Tie in new Rice substation to Conemaugh-Hunterstown 500 kV Upgrade terminal equipment at Conemaugh 500 kV: on the Conemaugh - Hunterstown 500 kV circuit	b2743.2		\$188,942	0.01	142,918.40	\$0	142,918	11,537	154,456
2t	Upgrade terminal equipment at Hunterstown 500 kV: on the Conemaugh - Hunterstown 500 kV circuit	b2743.3		\$26,619	0.00	20,135.37	\$0	20,135	1,625	21,761
2u	Upgrade terminal equipment at Hunterstown 500 kV: on the Conemaugh - Hunterstown 500 kV circuit	b2743.4		\$8,847	0.00	6,692.14	\$0	6,692	540	7,232
2v	Install a 120.75 kV 79.4 MVAR capacitor bank at Yorkana 115 kV	b3311		\$0	-	-	\$0	-	-	-
3	Subtotal			21,067,720			27,796,433	(11,860,504)		(12,817,959)
4	Total Interest (Sourced from Attachment 13a, line 30)									(957,454)

NOTE
[A] Amount included in revenues reported on pages 328-330 of FERC Form 1.

Net Revenue Requirement True-up with Interest

Reconciliation Revenue Requirement For Year 2020 Available June 1, 2021 \$222,114,152	2020 Revenue Requirement Collected by PJM Based on Forecast filed on Oct 07, 2019 \$237,340,381	True-up Adjustment - Over (Under) Recovery \$15,226,229
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	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
2 Interest Rate on Amount of Refunds or Surcharges ^[A]		0.3145%				

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

<u>Calculation of Interest</u>				<u>Monthly</u>				
3	January	Year 2020	1,268,852	0.3145%	12	(47,886)	(1,316,739)	
4	February	Year 2020	1,268,852	0.3145%	11	(43,896)	(1,312,748)	
5	March	Year 2020	1,268,852	0.3145%	10	(39,905)	(1,308,758)	
6	April	Year 2020	1,268,852	0.3145%	9	(35,915)	(1,304,767)	
7	May	Year 2020	1,268,852	0.3145%	8	(31,924)	(1,300,777)	
8	June	Year 2020	1,268,852	0.3145%	7	(27,934)	(1,296,786)	
9	July	Year 2020	1,268,852	0.3145%	6	(23,943)	(1,292,796)	
10	August	Year 2020	1,268,852	0.3145%	5	(19,953)	(1,288,805)	
11	September	Year 2020	1,268,852	0.3145%	4	(15,962)	(1,284,815)	
12	October	Year 2020	1,268,852	0.3145%	3	(11,972)	(1,280,824)	
13	November	Year 2020	1,268,852	0.3145%	2	(7,981)	(1,276,833)	
14	December	Year 2020	1,268,852	0.3145%	1	(3,991)	(1,272,843)	
						(311,262)	(15,537,491)	
					<u>Annual</u>			
15	January through December	Year 2021	(15,537,491)	0.3145%	12	(586,385)	(16,123,876)	
<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>					<u>Monthly</u>			
16	January	Year 2022	16,123,876	0.3145%		(50,710)	1,371,282	(14,803,303)
17	February	Year 2022	14,803,303	0.3145%		(46,556)	1,371,282	(13,478,578)
18	March	Year 2022	13,478,578	0.3145%		(42,390)	1,371,282	(12,149,686)
19	April	Year 2022	12,149,686	0.3145%		(38,211)	1,371,282	(10,816,614)
20	May	Year 2022	10,816,614	0.3145%		(34,018)	1,371,282	(9,479,350)
21	June	Year 2022	9,479,350	0.3145%		(29,813)	1,371,282	(8,137,881)
22	July	Year 2022	8,137,881	0.3145%		(25,594)	1,371,282	(6,792,192)
23	August	Year 2022	6,792,192	0.3145%		(21,361)	1,371,282	(5,442,272)
24	September	Year 2022	5,442,272	0.3145%		(17,116)	1,371,282	(4,088,105)
25	October	Year 2022	4,088,105	0.3145%		(12,857)	1,371,282	(2,729,680)
26	November	Year 2022	2,729,680	0.3145%		(8,585)	1,371,282	(1,366,983)
27	December	Year 2022	1,366,983	0.3145%		(4,299)	1,371,282	-
						(331,510)		
28	True-Up with Interest					\$ 16,455,386		
29	Less Over (Under) Recovery					\$ 15,226,229		
30	Total Interest					\$ 1,229,157		

[A] Interest rate equal to: (i) MAIT's actual short-term debt costs capped at the interest rate determined by 18 C.F.R. 35.19a; or (ii) the interest rate determined by 18 C.F.R. 35.19, if MAIT does not have short term debt

TEC Revenue Requirement True-up with Interest

TEC Reconciliation Revenue Requirement For Year 2020 Available June 1, 2021 \$27,796,433	-	TEC 2020 Revenue Requirement Collected by PJM Based on Forecast filed on Oct 07, 2019 \$15,935,929	=	True-up Adjustment - Over (Under) Recovery (\$11,860,504)
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	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
2 Interest Rate on Amount of Refunds or Surcharges ^(A)		0.3145%				

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

Calculation of Interest

				Monthly		
3	January	Year 2020	(988,375)	12	37,301	1,025,677
4	February	Year 2020	(988,375)	11	34,193	1,022,568
5	March	Year 2020	(988,375)	10	31,084	1,019,460
6	April	Year 2020	(988,375)	9	27,976	1,016,351
7	May	Year 2020	(988,375)	8	24,868	1,013,243
8	June	Year 2020	(988,375)	7	21,759	1,010,134
9	July	Year 2020	(988,375)	6	18,651	1,007,026
10	August	Year 2020	(988,375)	5	15,542	1,003,918
11	September	Year 2020	(988,375)	4	12,434	1,000,809
12	October	Year 2020	(988,375)	3	9,325	997,701
13	November	Year 2020	(988,375)	2	6,217	994,592
14	December	Year 2020	(988,375)	1	3,108	991,484
					242,458	12,102,963

				Annual		
15	January through December	Year 2021	12,102,963	12	456,766	12,559,728

Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months

				Monthly		
16	January	Year 2022	(12,559,728)		39,500	11,531,065
17	February	Year 2022	(11,531,065)		36,265	10,499,167
18	March	Year 2022	(10,499,167)		33,020	9,464,024
19	April	Year 2022	(9,464,024)		29,764	8,425,625
20	May	Year 2022	(8,425,625)		26,499	7,383,961
21	June	Year 2022	(7,383,961)		23,223	6,339,020
22	July	Year 2022	(6,339,020)		19,936	5,290,793
23	August	Year 2022	(5,290,793)		16,640	4,239,269
24	September	Year 2022	(4,239,269)		13,333	3,184,439
25	October	Year 2022	(3,184,439)		10,015	2,126,290
26	November	Year 2022	(2,126,290)		6,687	1,064,814
27	December	Year 2022	(1,064,814)		3,349	0
					258,230	

28	True-Up with Interest				\$	(12,817,959)
29	Less Over (Under) Recovery				\$	(11,860,504)
30	Total Interest				\$	(957,454)

[A] Interest rate equal to: (i) MAIT's actual short-term debt costs capped at the interest rate determined by 18 C.F.R. 35.19a; or (ii) the interest rate determined by 18 C.F.R. 35.19, if MAIT does not have short term debt

Other Rate Base Items

Line No.	Description	COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F	COLUMN G
		BALANCE AS OF 12-31-21	BALANCE AS OF 12-31-22	AVERAGE BALANCE			
1	Land Held for Future Use (214.x.d)	0	0	-			
2	Materials & Supplies (227.8.c & .16.c)	0	0	-			
3	Prepayments: Account 165 (111.57.c) - Note [A]	336,749	336,749	336,749			

Unfunded Reserves

Line No.	Description	BALANCE AS OF 12-31-21	BALANCE AS OF 12-31-22	AVERAGE BALANCE	ALLOCATION FACTOR	TRANSMISSION TOTAL (Col D times Col F)
Account 228.1						
4a	Property Insurance (Self insurance not covered by property insurance)	0	0	0 GP	1.00	0
4b	[Insert Item Included in Account 228.1 that are not allocated to transmission]	0	0	0 Other	0	0
4c	[Insert Item Included in Account 228.1 that are not allocated to transmission]	0	0	0 Other	0	0
4z	Total Account 228.1 (112.27.c)	0	0			0
Account 228.2						
5a	Workman's Compensation	0	0	0 W/S	1.00	0
5b	Probable liabilities not covered by insurance for death or injuries to employees and others	0	0	0 W/S	1.00	0
5c	Probable liabilities not covered by insurance for damages to property neither owned nor held under lease by the utility	0	0	0 GP	1.00	0
5d	[Insert Item Included in Account 228.2 that are not allocated to transmission]	0	0	0 Other	0	0
5e	[Insert Item Included in Account 228.2 that are not allocated to transmission]	0	0	0 Other	0	0
5z	Total Account 228.2 (112.28.c)	0	0			0
Account 228.3						
6a	Year-End Vacation Pay Accrual	0	0	0 W/S	1.00	0
6b	Year-End Deferred Compensation Accrual	0	0	0 W/S	1.00	0
6c	Year-End Sick Pay Accrual	0	0	0 W/S	1.00	0
6d	Year-End Incentive Compensation Accrual	0	0	0 W/S	1.00	0
6e	Year-End Severance Pay Accrual	0	0	0 W/S	1.00	0
6f	Year-End PBOP/OPEB Accrual not included in established trusts	0	0	0 W/S	1.00	0
6g	[Insert Item Included in Account 228.3 that are not allocated to transmission]	0	0	0 Other	0	0
6h	[Insert Item Included in Account 228.3 that are not allocated to transmission]	0	0	0 Other	0	0
6z	Total Account 228.3 (112.29.c)	0	0			0
Account 228.4						
7a	Year-End Vacation Pay Accrual	0	0	0 W/S	1.00	0
7b	Year-End Deferred Compensation Accrual	0	0	0 W/S	1.00	0
7c	Year-End Sick Pay Accrual	0	0	0 W/S	1.00	0
7d	Year-End Incentive Compensation Accrual	0	0	0 W/S	1.00	0
7e	Year-End Severance Pay Accrual	0	0	0 W/S	1.00	0
7f	Year-End PBOP/OPEB Accrual not included in established trusts	0	0	0 W/S	1.00	0
7g	[Insert Item Included in Account 228.4 that are not allocated to transmission]	0	0	0 Other	0	0
7h	[Insert Item Included in Account 228.4 that are not allocated to transmission]	0	0	0 Other	0	0
7z	Total Account 228.4 (112.30.c)	0	0			0
Account 242						
8a	Year-End Vacation Pay Accrual	0	0	- W/S	1.00	-
8b	Year-End Deferred Compensation Accrual	0	0	0 W/S	1.00	-
8c	Year-End Sick Pay Accrual	0	0	0 W/S	1.00	-
8d	Year-End Incentive Compensation Accrual	0	0	0 W/S	1.00	-
8e	Year-End Severance Pay Accrual	0	0	0 W/S	1.00	-
8f	Year-End PBOP/OPEB Accrual not included in established trusts	0	0	0 W/S	1.00	-
8g	[Insert Item Included in Account 242 that are not allocated to transmission]	0	-	- Other	0	-
8h	[Insert Item Included in Account 242 that are not allocated to transmission]	0	0	0 Other	0	-
8z	Total Account 242 (113.48.c)	0	-			-
9	Total Unfunded Reserves Plant-related (items with GP allocator) - Note [B]	0	0	0 GP	1.00	-
10	Total Unfunded Reserves Labor-related (items with W/S allocator) - Note [C]	0	-	- W/S	1.00	-

Notes:

- [A] Prepayments shall exclude prepayments of income taxes.
- [B] Column G balance taken to Attachment H-28A, page 2, line 24, col. 3
- [C] Column G balance taken to Attachment H-28A, page 2, line 25, col. 3

Attachment H-28A, Attachment 15
page 1 of 1
For the 12 months ended 12/31/2022

[1]	Income Tax Adjustments		[4]	[5]	[6]
	[2]	[3]	Dec 31,	Dec 31,	
			<u>2022</u>	<u>2022</u>	Reference
1 Tax adjustment for Permanent Differences & AFUDC Equity	[A]	\$326,807	\$326,807	\$326,807	MAIT Company Records
2 Amortized Excess Deferred Taxes (enter negative)	[B]	(1,135,779)	-\$1,135,779	-\$1,135,779	MAIT Company Records
3 Amortized Deficient Deferred Taxes	[B]	-	-	-	MAIT Company Records

Notes:

[A] AFUDC equity component is the gross cumulative annual amount based upon tax records of capitalized AFUDC equity embedded in the gross plant attributable to the transmission function.

[B] Upon enactment of changes in tax law, income tax rates (including changes in apportionment) and other actions taken by a taxing authority, deferred taxes are re-measured and adjusted in the Company's books of account, resulting in excess or deficient accumulated deferred taxes. Such excess or deficient deferred taxes attributed to the transmission function will be based upon tax records and calculated in the calendar year in which the excess or deficient amount was measured and recorded for financial reporting purposes. Amounts to be included will be January 1, 2017 and thereafter.

[C] (Column 4 + Column 5)/2; Beg/End Average for line 1 included on Attachment H-28A, page 3, line 33; Beg/End Average for lines 2-3 taken to Attachment H-28A, page 3, line 34

Attachment H-28A, Attachment 16a
page 1 of 1
For the 12 months ended 12/31/2022

	[1]	[2]	[3] Months Remaining In Amortization Period	[4] Beginning Balance	[5] Amortization Expense (Company Records)	[6] Additions (Deductions)	[7] Ending Balance
1	Monthly Balance	Source					
2	December 2021	p232 (and Notes)	13				-
3	January	FERC Account 182.3	12	-	-	-	-
4	February	FERC Account 182.3	11	-	-	-	-
5	March	FERC Account 182.3	10	-	-	-	-
6	April	FERC Account 182.3	9	-	-	-	-
7	May	FERC Account 182.3	8	-	-	-	-
8	June	FERC Account 182.3	7	-	-	-	-
9	July	FERC Account 182.3	6	-	-	-	-
10	August	FERC Account 182.3	5	-	-	-	-
11	September	FERC Account 182.3	4	-	-	-	-
12	October	FERC Account 182.3	3	-	-	-	-
13	November	FERC Account 182.3	2	-	-	-	-
14	December 2022	p232 (and Notes)	1	-	-	-	-
15	Ending Balance 13-Month Average	(sum lines 2-14) /13			-		-

Attachment H-28A, page 3, line 11

Attachment H-28A, page 2, Line 27

Attachment H-28A, Attachment 16b
page 1 of 1
For the 12 months ended 12/31/2022

		Regulatory Asset - Vegetation Management				
[1]	[2]	[3]	[4]	[5]	[6]	[7]
		Months Remaining In Amortization Period	Beginning Balance	Amortization Expense (Company Records)	Additions (Deductions)	Ending Balance
1	Monthly Balance					
2	December 2021	37				1,791,741
3	January	36	1,791,741	49,771	-	1,791,741
4	February	35	1,791,741	51,193	-	1,740,549
5	March	34	1,740,549	51,193	-	1,689,356
6	April	33	1,689,356	51,193	-	1,638,163
7	May	32	1,638,163	51,193	-	1,586,971
8	June	31	1,586,971	51,193	-	1,535,778
9	July	30	1,535,778	51,193	-	1,484,585
10	August	29	1,484,585	51,193	-	1,433,393
11	September	28	1,433,393	51,193	-	1,382,200
12	October	27	1,382,200	51,193	-	1,331,008
13	November	26	1,331,008	51,193	-	1,279,815
14	December 2022	25	1,279,815	51,193	-	1,228,622
15	Ending Balance 13-Month Average	(sum lines 2-14) /13		<u>\$612,889</u>		<u>1,531,840</u>

Attachment H-28A, page 3, line 11

Attachment H-28A, page 2, Line 27

Attachment H-28A, Attachment 16c
page 1 of 1
For the 12 months ended 12/31/2022

		Regulatory Asset - Start-up Costs				
[1]	[2]	[3] Months Remaining In Amortization Period	[4] Beginning Balance	[5] Amortization Expense (Company Records)	[6] Additions (Deductions)	[7] Ending Balance
1	Monthly Balance	Source				
2	December 2021	p232 (and Notes)	13			-
3	January	FERC Account 182.3	12	-	-	-
4	February	FERC Account 182.3	11	-	-	-
5	March	FERC Account 182.3	10	-	-	-
6	April	FERC Account 182.3	9	-	-	-
7	May	FERC Account 182.3	8	-	-	-
8	June	FERC Account 182.3	7	-	-	-
9	July	FERC Account 182.3	6	-	-	-
10	August	FERC Account 182.3	5	-	-	-
11	September	FERC Account 182.3	4	-	-	-
12	October	FERC Account 182.3	3	-	-	-
13	November	FERC Account 182.3	2	-	-	-
14	December 2022	p232 (and Notes)	1	-	-	-
15	Ending Balance 13-Month Average	(sum lines 2-14) /13			<u>\$0.00</u>	<u>-</u>

Attachment H-28A, page 3, line 11

Attachment H-28A, page 2, Line 27

Attachment H-28A, Attachment 17
page 1 of 1
For the 12 months ended 12/31/2022

		Abandoned Plant					
[1]	[2]	[3]	[4]	[5]	[6]	[7]	
		Months Remaining In	Amortization Period	Beginning Balance	Amortization Expense (p114.10.c)	Additions (Deductions)	Ending Balance
1	Monthly Balance	Source					
2	December 2021	p111.71.d (and Notes)	13				-
3	January	FERC Account 182.2	12	-	-	-	-
4	February	FERC Account 182.2	11	-	-	-	-
5	March	FERC Account 182.2	10	-	-	-	-
6	April	FERC Account 182.2	9	-	-	-	-
7	May	FERC Account 182.2	8	-	-	-	-
8	June	FERC Account 182.2	7	-	-	-	-
9	July	FERC Account 182.2	6	-	-	-	-
10	August	FERC Account 182.2	5	-	-	-	-
11	September	FERC Account 182.2	4	-	-	-	-
12	October	FERC Account 182.2	3	-	-	-	-
13	November	FERC Account 182.2	2	-	-	-	-
14	December 2022	p111.71.c (and Notes) Detail on p230b	1	-	-	-	-
15	Ending Balance 13-Month Average	(sum lines 2-14) /13			<u>\$0.00</u>		<u>\$0.00</u>

Attachment H-28A, page 3, Line 19

Attachment H-28A, page 2, Line 28

Note:

Recovery of abandoned plant is limited to any abandoned plant recovery authorized by FERC and will be zero until the Commission accepts or approves recovery of the cost of abandoned plant

			CWIP
			[A]
			216.b
1	December	2021	
2	January	2022	
3	February	2022	
4	March	2022	
5	April	2022	
6	May	2022	
7	June	2022	
8	July	2022	
9	August	2022	
10	September	2022	
11	October	2022	
12	November	2022	
13	December	2022	
14	13-month Average		-

Notes:

[A] Includes only CWIP authorized by the Commission for inclusion in rate base.

Federal Income Tax Rate

Nominal Federal Income Tax Rate	21.00%
(entered on Attachment H-28A, page 5 of 5, Note K)	

State Income Tax Rate

	Pennsylvania	Combined Rate
Nominal State Income Tax Rate	9.99%	
Times Apportionment Percentage	100.00%	
Combined State Income Tax Rate	9.990%	9.990%

Operation and Maintenance Expenses

Line No. [a]	Account Reference	Description	Account Balance [b]
82		Operation	
83	560	Operation Supervision and Engineering	\$307,395
84			
85	561.1	Load Dispatch-Reliability	\$1,264,721
86	561.2	Load Dispatch-Monitor and Operate Transmission System	\$149,886
87	561.3	Load-Dispatch-Transmission Service and Scheduling	
88	561.4	Scheduling, System Control and Dispatch Services	
89	561.5	Reliability, Planning and Standards Development	\$232,821
90	561.6	Transmission Service Studies	
91	561.7	Generation Interconnection Studies	
92	561.8	Reliability, Planning and Standards Development Services	
93	562	Station Expenses	\$642,112
94	563	Overhead Lines Expense	\$58,663
95	564	Underground Lines Expense	
96	565	Transmission of Electricity by Others	
97	566	Miscellaneous Transmission Expense	\$9,024,913
98	567	Rents	\$13,256,235
99		TOTAL Operation (Enter Total of Lines 83 thru 98)	\$24,936,745
100		Maintenance	
101	568	Maintenance Supervision and Engineering	\$6,925,379
102	569	Maintenance of Structures	
103	569.1	Maintenance of Computer Hardware	\$13,605
104	569.2	Maintenance of Computer Software	\$55,059
105	569.3	Maintenance of Communication Equipment	
106	569.4	Maintenance of Miscellaneous Regional Transmission Plant	
107	570	Maintenance of Station Equipment	\$6,920,893
108	571	Maintenance of Overhead Lines	\$35,925,709
109	572	Maintenance of Underground Lines	
110	573	Maintenance of Miscellaneous Transmission Plant	\$226,633
111		TOTAL Maintenance (Total of lines 101 thru 110)	\$50,067,276
112		TOTAL Transmission Expenses (Total of lines 99 and 111) [c]	\$75,004,022

Notes:

- [a] Line No. as would be reported in FERC Form 1, page 321
[b] December balances as would be reported in FERC Form 1
[c] Ties to Attachment H-28A, page 3, line 1, column 3
Above expenses do not include amounts for Met-Ed's 34.5 kV transmission lines

Administrative and General (A&G) Expenses

Line No. [d]	Account Reference	Description	Account Balance [e]
180		Operation	
181	920	Administrative and General Salaries	
182	921	Office Supplies and Expenses	\$108,400
183	Less 922	Administrative Expenses Transferred - Credit	
184	923	Outside Services Employed	\$8,261,147
185	924	Property Insurance	\$349,586
186	925	Injuries and Damages	\$1,033,473
187	926	Employee Pensions and Benefits	-\$10,133,235
188	927	Franchise Requirements	

189	928	Regulatory Commission Expense	
190	Less 929	(Less) Duplicate Charges-Cr.	
191	930.1	General Advertising Expenses	\$169,950
192	930.2	Miscellaneous General Expenses	\$32,000
193	931	Rents	\$12,926
194		Total Operation (Enter Total of lines 181 thru 193)	-\$165,753
195		Maintenance	
196	935	Maintenance of General Plant	\$891,853
197		TOTAL A&G Expenses (Total of lines 194 and 196) [f]	\$726,100

Notes:

- [d] Line No. as would be reported in FERC Form 1, page 323
 - [e] December balances as would be reported in FERC Form 1
 - [f] Ties to Attachment H-28A, page 3, line 5, column 3
- Above expenses do not include amounts for Met-Ed's 34.5 kV transmission lines

Revenue Credit Worksheet

(See Footnote T on Attachment H-28A, page 5)

		December 31, 2022		
			<u>Amount</u>	
1	Account 451 -- Miscellaneous Service Revenues	FERC Form 1 , page 300 and footnote data		Note S, page 5
1a			\$ -	
1z	Account 451 Total		\$0	
2	Account 454 -- Rent from Electric Property	FERC Form 1, pages 300 and 429		Note R, page 5
2a	Transmission Charge - TMI Unit 1		\$ 1,998,563	
2b	Transmission Investment - Power Pool Agreement		\$ 1,762,525	
2z	Account 454 Total		\$3,761,088	
3	Account 456 -- Other Electric Revenues	FERC Form 1, page 330 and footnote data		Note V, page 5
3a	Point-to-point Revenues		\$ 2,633,903	
3b	Facility Maintenance Charges		\$ 266,000	
3z	Account 456 Total		\$2,899,903	

Attachment 13
AEP Formula Rate for January 1, 2022 to December 31, 2022

Projected Formula Rate for AEP East subsidiaries in PJM

To be Effective January 1, 2022 through December 31, 2022 Docket No ER17-405

Pursuant to PJM OATT Attachment H-14A (Formula Rate Implementation Protocols), AEP has calculated its Projected Transmission Revenue Requirements (PTRR) for the Rate Year beginning January 1, 2022 through December 31, 2022. All the files pertaining to the PTRR are to be posted on the PJM website in PDF format. The first file provides the PTRR and rates for Network transmission service and Scheduling System Control and Dispatch Service (Schedule 1A), and the annual transmission revenue requirement for RTEP projects (Schedule 12). An informational filing will also be submitted to the FERC.

AEP network service rate will increase effective January 1, 2022 from \$45,741.84 per MW per year to \$50,754.21 per MW per year with the AEP annual revenue requirement increasing from \$988,705,401 to \$1,112,801,191

The AEP Schedule 1A rate will be \$(0.0563) per MWh.

An annual revenue requirement of \$47,933,397 for RTEP projects (including true-up and interest) is to be collected under PJM Tariff Schedule 12. The RTEP Projected revenue requirement includes:

1. b0839 (Twin Branch) \$80808,155
2. b0318 (Amos 765/138 kV Transformer) \$1,245,432
3. b0504 (Hanging Rock) \$719,910
4. b0570 (East Side Lima) \$225,596
5. b1034.1 (Torrey-West Canton) \$836,623
6. b1034.6 (138kV circuit South Canton Station) \$306,941
7. b1231 (West Moulton Station) \$933,420
8. b1465.2 (Rockport Jefferson 300 MVAR bank) \$63,381
9. b1465.3 (Rockport Jefferson 765 kV line) \$2,364,773
10. b1712.2 (Altavista-Leesville 138kV line) \$246,162
11. b1864.1 (OPCo Kammer 345/138 kV transformers) \$859,768
12. b1864.2 (West Bellaire-Brues 138 kV circuit) of \$118,252
13. b2020 (Rebuild Amos-Kanawha River) \$4,008,118
14. b2021 (APCo Kanawha River Gen Retirement Upgrades) \$259,409
15. b2017 (APCo Rebuild Sporn-Waterford Muskingum River 345kV line) \$1,641,973
16. b1659.14 (Ft. Wayne Relocate) \$130,605
17. b2048 (Tanners Creek-Transformer Replacement) \$89,617
18. b1818 (Expand the Allen Station) \$1,778,243
19. b1819 (Rebuild Robinson Park 138kV line corridor) \$390,892
20. b1465.4 (Switching imp at Sullivan Jefferson 765kV station) \$(71,893)
21. b2021 (OPCo 345/138kV Transformer) \$581,701
22. b2032 (Rebuild 138kV Elliott Tap-Poston) \$16,989
23. b1034.2 (Loop South Canton-Wayview) \$524,215

Projected Formula Rate for AEP East subsidiaries in PJM

**To be Effective January 1, 2022 through December 31, 2022
Docket No ER17-405**

24. b1034.7 (Replace circuit breakers Torrey/Wagenhals) \$653,287
25. b2018 (Loop Conesville-Bixby 345kV) \$1,084,212
26. b1032.4 (Loop the existing South Canton-Wayview 138kV circuit) \$185,157
27. b1666 (Build an 8 breaker 138kV station Fosteria-East Lima) \$471,949
28. b1957 (Terminate transformer #2 SW Lima) \$334,652
29. b1962 (Add four 765kV breakers Kammer) \$95,768
30. b2019 (Burger 345/138kV Station) \$1,057,234
31. b2017 (OPCo Reconductor Sporn-Waterford-Muskingum River) \$948,591
32. b1660 (Install 765/500 kV transformer Cloverdale) \$396,538
33. b1660.1 (Cloverdale Establish 500 kV station) \$3,432,577
34. b1663.2 (Jacksons-Ferry 765kV breakers) \$602,111
35. b1875 (138 kV Bradley to McClung upgrades) \$1,479,085
36. b1797.1 (Reconductor Cloverdale-Lexington 500 kV line) \$5,268,562
37. b1712.1 (Altavista-Leesville 138kV line) \$28,090
38. b1032.2 (Two 138kV outlets to Delano&Camp) \$97,845
39. b1818 (Expand Allen w/345/138kV xfmr) \$37,781
40. b2687.1 (Install a 450 MVAR SVC Jacksons Ferry 765kV Substation) \$12,117,449
41. b2687.2 (Reactor Replacement at Broadford) \$1,125,185
42. b1870 (Replace Ohio Central Tfmr) \$(329)
43. b1465.5 (Switching Imp at Sullivan Jefferson 765kV stations) \$74,955
44. b2831.1 (Upgrade Tanners Creek Miami Fort 345kV circuit) \$163,851
45. b2833 (Reconductor Maddox Creek East Lima 345kV circuit) \$91,476
46. b2230 (Amos Station retire 3 765kV reactors Amos-Hanging Rock) \$81,003
47. b2423 (Install a 300 MVAR reactor at AEP's Wyoming 765 kV station.) \$28,087

Projected Formula Rate for

AEP Appalachian Transmission Company, Inc.
AEP Indiana Michigan Transmission Company, Inc.
AEP Kentucky Transmission Company, Inc.
AEP Ohio Transmission Company, Inc.
AEP West Virginia Transmission Company, Inc.

To be Effective January 1, 2022
Docket No ER17-406

Pursuant to Attachment H-20A (Formula Rate Implementation Protocols) in PJM Tariff, AEP has calculated its Projected Transmission Revenue Requirements (PTRR) to produce the Rates beginning January 1, 2022 through December 31, 2022. All the files pertaining to the PTRR are also posted on the PJM website in PDF format along with supporting workpapers. The first file provides the PTRR and rates for Network transmission service and Scheduling System Control and Dispatch Service, Schedule 1A.

AEP network service rate will increase effective January 1, 2022 from \$49,798.97 per MW per year to \$60,046.55 per MW per year with the AEP annual revenue requirement increasing from \$1,076,399,814 to \$1,316,538,537

The AEP Transmission Companies' Schedule 1A rate will be \$.0204 per MWh.

An annual revenue requirement of \$159,601,355 for RTEP projects (including true-up and interest) is to be collected under PJM Tariff Schedule 12. The RTEP Project revenue requirement includes:

1. b1465.4 (Rockport Jefferson) of \$720,548
2. b1465.2 (Rockport Jefferson-MVAR Bank) \$1,684,353
3. b2048 (Tanners Creek 345/138 kV transformer) \$650,820
4. b1818 (Expand the Allen station) \$6,490,772
5. b1819 (Rebuild Robinson Park) \$11,985,983
6. b1659 (Sorenson Add 765/345 kV transformer) \$6,360,292
7. b1659.13 (Sorenson Exp. Work 765kV) \$6,150,926
8. b1659.14 (Sorenson 14miles 765 line) \$11,585,164
9. b1465.1 (Add a 3rd 2250 MVA 765/345kV transformer Sullivan) \$4,044,826
10. b1465.5 (Sullivan Inst Baker 765kV tsfr) \$1,016,901
11. b0570 (Lima-Sterling) \$1,277,308
12. b1231 (Wapakoneta-West Moulton) \$411,863
13. b1034.1 (South Canton-Wagenhals-Wayview 138 kV) \$1,057,196
14. b1034.8 (South Canton Wagenhals Station) \$546,875
15. b1864.2 (West Bellaire-Brues 138 kV Circuit) \$135,976
16. b1870 (Ohio Central Transformer) \$868,843
17. b1032.2 (Two 138kV outlets to Delano/Camp Sherman) \$4,761,352

Projected Formula Rate for

AEP Appalachian Transmission Company, Inc.
AEP Indiana Michigan Transmission Company, Inc.
AEP Kentucky Transmission Company, Inc.
AEP Ohio Transmission Company, Inc.
AEP West Virginia Transmission Company, Inc.

To be Effective January 1, 2022
Docket No ER17-406

18. b1034.2 (Loop existing South Canton-Wayview 138kV) \$838446
19. b1034.3 (345/138kV 450 MVA transformer Canton Central) \$1,769,415
20. b2018 (Loop Conesville-Bixby 345 kV) \$1,745,945
21. b2021 (OHTCo - Add 345/138kV trans. Sporn, Kanawha & Muskingum River stations) \$2,762,923
22. b2032 (Rebuild 138kV Elliott Tap Poston line) \$492,406
23. b1032.1 (Construct new 345/138kV station Marquis-Bixby) \$3,998,999
24. b1032.4 (Install 138/69kV transformer Ross Highland) \$829,020
25. b1666 (Build 8 breaker 138kV station Fostoria-East Lima) \$2,462,331
26. b1957 (Terminate Transformer #2 SW Lima) \$997,379
27. b2019 (Establish Burger 345/138kV station) \$6,798,530
28. b2017 (OHTCo Rebuild Sporn-Waterford-Muskingum River) \$6,970,350
29. b1818 (Allen Station Expansion) \$384,152
30. b2833 (Reconductor Maddox Creed-East Lima 345kV circuit) \$3,332,340
31. b1661 (765kV circuit breaker Wyoming station) \$253,165
32. b1864.1 (Add 2 345/138kV transformers at Kammer) \$9,766,048
33. b2021 (WVTCO - Add 345/138kV trans. Sporn, Kanawha & Muskingum River stations) \$2,268,930
34. b1948 (New 765/345 interconnection Sporn) \$6,649,930
35. b1962 (Add four 765kV breakers Kammer) \$2,585,270
36. b2017 (WVTCO Rebuild Sporn-Waterford-Muskingum River) \$171,936
37. b2020 (Rebuild Amos-Kanawha River 138 kV corridor) \$17,693,366
38. b2022 (Tristate-Kyger Creek 345kV line at Sporn) \$515,664
39. b1875 (138 kV Bradley to McClung upgrades) \$17,714,054
40. b2230 (Replace 3 765kV reactors Amos-Hanging Rock) \$1,509,257
41. b2423 (Install 300 MVAR shunt reactor Wyoming 765kV station) \$2,471,967
42. b1495 (Add 765/345 kV transf. Baker Station) \$4,871,531

Attachment 14
Silver Run Formula Rate for January 1, 2022 to December 31, 2022

Rate Formula Template - Attachment H-27A
Utilizing FERC Form 1 Data
Silver Run Electric, LLC

For the 12 months ended
12/31/2022

Line No.	(1)	(2) Source	(3)	(4)	(5) Allocated Amount
1	GROSS REVENUE REQUIREMENT, without incentives	(Page 3, Line 49)			\$ 24,697,573
	REVENUE CREDITS	(Note A)	Total	Allocator (W)	
2	Account No. 454	(Page 4, Line 20)	-	TP 1.0000	\$ -
3	Account No. 456.1	(Page 4, Line 21)	-	TP 1.0000	\$ -
4	Revenues from Grandfathered Interzonal Transactions	(Note B)	-	TP 1.0000	\$ -
5	Revenues from service provided by the ISO at a discount		-	TP 1.0000	\$ -
6	TOTAL REVENUE CREDITS	(Sum of Lines 2 through 5)	-		\$ -
7	Prior Period Adjustments	Attachment 11, Line 18, Col. B	-	DA 1.0000	\$ -
8	True-up Adjustment with Interest	Attachment 3, Line 9, Col. J	400,974	DA 1.0000	\$ 400,974
9	NET ANNUAL TRANSMISSION REVENUE REQUIREMENT	(Line 1 less Line 6 plus Lines 7 and 8)			\$ 25,098,547
Rate Calculations					
A.	PJM Regional Service				
10	Schedule 12 ATRR Without Incentives	Attachment 1, Line 2, Col. 16 less Col. 12	24,532,601		
11	FERC Approved Incentives on Schedule 12 projects	Attachment 1, Line 2, Col. 12	565,946		
12	Schedule 12 Revenue Requirement	(Line 10 + Line 11)	25,098,547		

Rate Formula Template - Attachment H-27A
Utilizing FERC Form 1 Data
Silver Run Electric, LLC

For the 12 months ended
12/31/2022

Line No.	(1) RATE BASE: (Note R)	(2) Source	(3) Company Total	(4) Allocator (W)	(5) Transmission (Col 3 times Col 4)
	GROSS PLANT IN SERVICE	Note C			
1	Production	205.46.g for end of year, records for other months	-	N/A	-
2	Transmission	Attachment 4, Line 14, Col. (b)	156,327,409	TP	156,327,409
3	Distribution	207.75.g for end of year, records for other months	-	N/A	-
4	General & Intangible	Attachment 4, Line 14, Col. (c)	1,311,652	WS	1,311,652
5	TOTAL GROSS PLANT	(Sum of Lines 1 through 4)	157,639,062	GP=	157,639,062
	ACCUMULATED DEPRECIATION	Note C			
6	Production	219.20-24.c for end of year, records for other months	-	N/A	-
8	Transmission	Attachment 4, Line 14, Col. (h)	6,808,743	TP	6,808,743
9	Distribution	219.26.c for end of year, records for other months	-	N/A	-
10	General & Intangible	Attachment 4, Line 14, Col. (i)	236,713	WS	236,713
11	TOTAL ACCUM. DEPRECIATION	(Sum of Lines 7 through 10)	7,045,456		7,045,456
	NET PLANT IN SERVICE				
13	Production	(Line 1 - Line 7)	-		-
14	Transmission	(Line 2 - Line 8)	149,518,667		149,518,667
15	Distribution	(Line 3 - Line 9)	-		-
16	General & Intangible	(Line 4 - Line 10)	1,074,939		1,074,939
17	TOTAL NET PLANT	(Sum of Lines 13 through 16)	150,593,606	NP=	150,593,606
	ADJUSTMENTS TO RATE BASE				
19	Account No. 281 (enter negative)	Note D	-	N/A	-
20	Account No. 282 (enter negative)	Note D	(5,668,150)	NP	(5,668,150)
21	Account No. 283 (enter negative)	Note D	(20,815)	NP	(20,815)
22	Account No. 190	Note D	282,622	NP	282,622
23	Account No. 255 (enter negative)	Note X	-	NP	-
24	Unfunded Reserves (enter negative)	Attachment 4, Line 43, Col. (h)	-	DA	1,000
25	CWIP	Attachment 4, Line 14, Col. (d)	-	DA	1,000
26	Unamortized Regulatory Asset	Attachment 4, Line 28, Col. (b) (Note E)	1,697,830	DA	1,697,830
27	Unamortized Abandoned Plant	Attachment 4, Line 28, Col. (c) (Note F)	-	DA	1,000
28	TOTAL ADJUSTMENTS	(Sum of Lines 19 through 27)	(3,708,513)		(3,708,513)
29	LAND HELD FOR FUTURE USE	Attachment 4, Line 14, Col. (e) (Note G)	-	TP	1,000
	WORKING CAPITAL	Note H			
31	Cash Working Capital	1/8*(Page 3, Line 17 minus Page 3, Line 14)	716,353		716,353
32	Materials & Supplies	Attachment 4, Line 14, Col. (f)	717,708	TP	717,708
33	Prepayments (Account 165)	Attachment 4, Line 14, Col. (g)	599,121	GP	599,121
34	TOTAL WORKING CAPITAL	(Sum of Lines 31 through 33)	2,033,182		2,033,182
35	RATE BASE	(Sum of Lines 17, 28, 29, and 34)	148,918,275		148,918,275

Formula Rate - Non-Levelized

Page 3 of 5

Rate Formula Template - Attachment H-27A
Utilizing FERC Form 1 Data
Silver Run Electric, LLC

For the 12 months ended
12/31/2022

Line No.	(1)	(2) Source	(3) Company Total	(4) Allocator (W)	(5) Transmission (Col 3 times Col 4)
	O&M				
1	Transmission	321.112.b	4,414,166	TP 1.0000	4,414,166
2	Less Account 566 (Misc Trans Expense)	321.97.b	710,937	TP 1.0000	710,937
3	Less Account 565	321.96.b	-	TP 1.0000	-
4	A&G	323.197.b	1,934,052	WS 1.0000	1,934,052
5	Less FERC Annual Fees	351.h (Note I)	-	WS 1.0000	-
6	Less EPRI and EEI Dues	Note J	-	WS 1.0000	-
7	Less Reg. Commission Expense Account 928	Note J	6,000	WS 1.0000	6,000
8	Less: Non-safety Advertising account 930.1	Note J	-	WS 1.0000	-
9					
10	Plus Transmission Related Reg. Comm. Exp.	Note K	6,000	TP 1.0000	6,000
11					
12	Plus Transmission Lease Payments in Acet 565	Note V	-	DA 1.0000	-
13	Account 566				
14	Amortization of Regulatory Asset	Note E	617,393	DA 1.0000	617,393
15	Misc. Transmission Expense (less amort. of regulatory asset)	321.97.b less line 14	93,544	TP 1.0000	93,544
16	Total Account 566	(Sum of Lines 14 through 15)* Ties to 321.97b	710,937		710,937
17	TOTAL O&M	(Sum of Lines 1, 4, 10, 12, and 16 less Sum of Lines 2, 3, and 5 through 8)	6,348,218		6,348,218
18	DEPRECIATION EXPENSE	Note C			
19	Transmission	336.7.b&d	3,327,216	TP 1.0000	3,327,216
20	General & Intangible	336.10.b&d, 336.1.b&d	138,855	WS 1.0000	138,855
21	Amortization of Abandoned Plant	Note F	-	DA 1.0000	-
22	TOTAL DEPRECIATION	(Sum of Lines 19 through 21)	3,466,071		3,466,071
23	TAXES OTHER THAN INCOME TAXES (Note M)				
24	LABOR RELATED				
25	Payroll	263.i	133,012	WS 1.0000	133,012
26	Highway and vehicle	263.i	-	WS 1.0000	-
27	PLANT RELATED				
28	Property	263.i	944,040	GP 1.0000	944,040
29	Gross Receipts	263.i	-	N/A -	-
30	Other	263.i	-	GP 1.0000	-
31	Payments in lieu of taxes	263.i	-	GP 1.0000	-
32	TOTAL OTHER TAXES	(Sum of Lines 25 through 31)	1,077,052		1,077,052
33	INCOME TAXES	Note N			
34	$T=1 - [(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)$		27.97%		
35	$CIT=(T/1-T) * (1-(WCLTD/R)) =$		31.04%		
36	WCLTD = Page 4, Line 15, R = Page 4, Line 18, FIT & SIT & P = Note N				
37					
38	$1 / (1 - T) =$ (from line 34)		1.3883		
39	Reserved		-		
40	Reserved		-		
41	Reserved		-		
42	Income Tax Calculation	(Line 35 times Line 48)	3,118,168	N/A -	3,118,168.42
43	ITC Amortization Tax adjustment	Note X	-	NP 1.0000	-
44	Excess Deferred Income Tax Adjustment		-	NP 1.0000	-
45	Permanent Differences Tax Adjustment	Note O	75,722	NP 1.0000	75,722.08
46	Total Income Taxes	(Sum of Lines 42 through 45)	3,193,890		3,193,890.49
47	RETURN				
48	Rate Base times Return	(Page 2, Line 35 times Page 4, Line 18)	10,046,394	N/A -	10,046,394
48a	Rev Requirement before Incentive Return	(Sum of Lines 17, 22, 32, 46, and 48)	24,131,627	N/A -	24,131,627
48b	Incentive Return, Income Tax, and Concessions	(Attachment 1, Page 3, Col 12, Line 6)	565,946	DA 1.0000	565,946
49	GROSS REVENUE REQUIREMENT	(Sum of Lines 17, 22, 32, 46, 48, and 48b)	24,697,573		24,697,573

Rate Formula Template - Attachment H-27A
Utilizing FERC Form 1 Data
Silver Run Electric, LLC

For the 12 months ended
12/31/2022

Line No.	(1)	(2)	(3)	(4)	(5)
SUPPORTING CALCULATIONS AND NOTES					
TRANSMISSION PLANT INCLUDED IN ISO RATES					
1	Total Transmission plant	(Page 2, Line 2, Col. 3)			156,327,409
2	Less Transmission plant excluded from ISO rates	(Note P)			-
3	Less Transmission plant included in OATT Ancillary Service rates	(Note S)			-
4	Transmission plant included in ISO rates	(Line 1 minus Lines 2 and 3)			156,327,409
5	Percentage of Transmission plant included in ISO Rates	(Line 4 divided by Line 1) (If line 1 is zero, enter 1)		TP =	1.00
6	WAGES & SALARY ALLOCATOR (W&S)				
		Form 1 Reference	\$	TP	Allocation
7	Production	354.20.b	-	-	-
8	Transmission	354.21.b	-	1.0000	-
9	Distribution	354.23.b	-	-	-
10	Other	354.24,25,26.b	-	-	-
11	Total (W&S Allocator is 1 if lines 7-10 are zero)	(Sum of Lines 7 through 10)	-	-	= 1.0000 = WS
12	RETURN (R)				
13					
14			\$	%	Cost
15	Long Term Debt	Attachment 5, (Notes Q & R)	68,080,769	45.25%	2.99%
16	Preferred Stock (112.3.c)	Attachment 5, (Notes Q & R)	-	0.00%	0.00%
17	Common Stock	Attachment 5, (Notes Q, R, and T)	82,373,799	54.75%	9.85%
18	Total	(Sum of Lines 15 through 17)	150,454,568		6.75% = R
19	REVENUE CREDITS				
20	ACCOUNT 454 (RENT FROM ELECTRICPROPERTY)	Attachment 12, Line 8, Col. C (Note U)			-
21	ACCOUNT 456.1 (OTHER ELECTRIC REVENUES)	Attachment 12, Line 18, Col. C (Note A)			-

Rate Formula Template - Attachment H-27A
Utilizing FERC Form 1 Data
Silver Run Electric, LLC

For the 12 months ended
12/31/2022

General Note: References to pages in this formula rate template are indicated as: (Page #, Line #, Col. #)
References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

Notes

- A The revenues credited on page 1, lines 2-6, shall include only the amounts received by SRE for service rendered using facilities for which recovery is provided under this tariff. They do not include revenues associated with FERC annual charges, gross receipts taxes, or facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template.
- B Company will not have any grandfathered agreements. Therefore, this line shall remain zero.
- C Plant In Service, Accumulated Depreciation, and Depreciation Expenses shall exclude Asset Retirement Obligation amounts.
- D The balances in Accounts 190, 281, 282 and 283 are allocated to transmission plant included in rate base based on Company accounting records. Accumulated deferred income tax amounts associated with asset or liability accounts excluded from rate base (such as ADIT related to asset retirement obligations and certain tax-related regulatory assets or liabilities) do not affect rate base. To the extent that the normalization requirements apply to ADIT activity in the projected net revenue requirement calculation the true-up adjustment calculation, the ADIT amounts are computed in accordance with the proration formula of Treasury regulation Section 1.167(l)-1(h)(6). The remaining ADIT activity is averaged. Work papers supporting the ADIT calculations will be posted with each projected net revenue requirement and/or Annual True-Up and included in the annual Informational Filing submitted to the Commission. Account 281 is not allocated to Transmission.
- E Recovery of Regulatory Asset permitted only for pre-commercial and formation expenses as authorized by the Commission. Recovery of any other regulatory assets requires authorization from the Commission. A carrying charge will be applied to the Regulatory Asset prior to the rate year when costs are first recovered. This carrying charge shall not result in a higher amount of interest than is allowed for construction expenditures that accrue an AFUDC, and interest will be compounded no more than on a semi-annual basis.
- F Unamortized Abandoned Plant and Amortization of Abandoned Plant will be zero until the Commission accepts or approves recovery of the cost of Abandoned Plant. Utility must submit a Section 205 filing to recover the cost of abandoned plant.
- G Identified in FERC Form 1, or Company records if not so indicated on the FERC Form 1, as being transmission related.
- H Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission at page 3, line 17, column 5 minus amortization of Regulatory Asset at page 3, line 14, column 5. Prepayments are the electric related prepayments booked to Account No. 165 and reported on page 111, line 57 in the Form 1.
- I The FERC's annual charges for the year assessed the Transmission Owner for service under this tariff. To the extent the charges are separately identified on the FERC Form 1, page 350, column 1, the line number will be added to the source in Column 2 for reference. Line item references can change from year to year. Items not specifically identified in the FERC Form 1, page 350 will be obtained from Company books and records.
- J Page 3, Line 6 - Subtract all EPRI and EEI Annual Membership Dues listed in Form 1 at 353.f, all Regulatory Commission Expenses in account 928 itemized at 351.h, and non-safety related advertising included in Account 930.1. Any lobbying expenses incurred by SRE shall be booked to Account 426.4 in accordance with the Uniform System of Accounts and, as a result, are not recoverable under the Formula Rate.
- K Page 3, Line 8-Add back Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
- M Includes only FICA, unemployment, highway, property, and other assessments charged in the current year. Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere. Enter the line number on page 262-63 upon which each item is identified. To the extent individual types of taxes are separately identified on the FERC Form 1, page 262, column a, the line number will be added to the source in Column 2 for reference. Line item references can change from year to year. Items not specifically identified in the FERC Form 1, page 262-63 will be obtained from Company books and records.
- N The currently effective income tax rate (T), where FIT is the federal income tax rate, SIT is the state income tax rate, and p is the percentage of federal income tax deductible for state income taxes. If the utility is taxed in more than one state, it must attach a work paper showing the name of each state and how the blended or composite SIT was computed.
- | | | | |
|------------------|-------|-------|---|
| Inputs Required: | FIT = | 21.0% | (Federal Income Tax Rate) |
| | SIT = | 8.8% | (State Income Tax Rate or Composite SIT) |
| | p = | 0.0% | (percent of federal income tax deductible for state purposes) |
- O Includes the annual income tax cost or benefit due to permanent differences between the amounts of expenses or revenues for ratemaking purposes and the amounts recognized for income tax purposes, including the effects of regulatory depreciation of plant basis attributable to Allowance for Other Funds Used During Construction (AFUDC-equity). The tax adjustment related to these items is computed by multiplying the tax effect of each item by the applicable tax gross-up factor and will be supported by a work paper.
- P Removes transmission plant determined by Commission order to be state-jurisdictional according to the seven-factor test (until Form 1 balances are adjusted to reflect application of seven-factor test).
- Q The cost of debt will be determined based on the financing in place during each stage of project development. Before debt is obtained, a proxy interest rate which will be supported in the original Section 205 filing will be used. This rate is provided on Attachment 8 line 36. If construction debt (wherein principal is drawn down over time) is issued, the rate plus an amortization of fees projected to be incurred on the construction debt during the rate year will be the cost of debt. This construction debt rate (inclusive of fees) will be reset and true-up every year using the method on Attachment 9 for multi-year construction projects. Once non-construction debt is obtained, the actual interest rate and fees on the debt in place at the end of the year such non-construction debt is obtained will become the cost of debt. In the first full year after non-construction debt is obtained, the cost of debt will be the actual cost of debt determined using the method on Attachment 5.
- A hypothetical capital structure of 50% Equity and 50% debt will be used until the first transmission asset is placed in service, or until otherwise authorized by the Commission.
- R Calculate rate base using 13 month average balance, except ADIT. The calculation of ADIT is covered in Note I
- S Removes dollar amount of transmission plant to be included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed to be included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- T The cost of common stock includes both SRE's base return on equity ("ROE") and the 50 basis point ROE adder for RTO participation granted to SRE in 155 FERC ¶ 61,097 at P 94 (2016). Pursuant to the Settlement Agreement in FERC Docket No. ER14-53, SRE's base ROE shall be 9.85% and the equity portion of its capital structure shall not exceed 54.75% ("Equity Cap"). With respect to SRE's capital structure, per the Commission's order in 155 FERC ¶ 61,097 at PP 50-52, SRE will use a hypothetical capital structure of 50 percent debt and 50 percent equity for the period prior to the date on which PJM assumes operational control of the Artificial Island Project facilities ("In-Service Date") and will use its actual capital structure thereafter, subject to the Equity Cap. Both SRE's base ROE and the Equity Cap shall be subject to a moratorium that will last until the date that is three years after the In-Service Date. During the moratorium period, no Party to the Settlement Agreement shall be permitted to file unilaterally to modify the base ROE or Equity Cap under FPA Sections 205 or 206, as the case may be, and nor may any Party support such a request by another entity. After the expiration of the moratorium period, SRE's base ROE and Equity Cap shall remain in effect until SRE makes a filing under FPA Section 205 to change said value and the revised base ROE or Equity Cap becomes effective by operation of law or by a Commission order, or until a complaint filed pursuant to FPA Section 206 or action taken pursuant to FPA Section 206 by the Commission acting sua sponte results in a Commission order directing a change to the base ROE or Equity Cap.
- U Includes only income related to transmission facilities, such as pole attachments, rentals and special use from general ledger.
- V Add back any lease expense of transmission assets used to provide service under this tariff included in account 565. Amount to be obtained from company books and records.
- W DA = Direct Assignment; GP = Gross Plant Allocator (page 2, line 5); N/A = Not Applicable; NP = Net Plant Allocator (page 2, line 17); TP = Transmission Plant Allocator (page 4, line 5); WS = Wage and Salary Allocator (page 4, line 11).
- X Investment tax credit (ITC) is recorded in accordance with the deferral method of accounting and any normalization requirements that relate to the eligibility to claim the credit or the recapture of the credit. The revenue requirement impact of any ITC will be supported by a work paper.

Attachment 1
Project Revenue Requirement Worksheet
Silver Run Electric, LLC

To be completed in conjunction with Attachment H-27A.

Line No.	(1)	(2) <u>Attachment H-27A, Page, Line, Col.</u>	(3) <u>Transmission</u>	(4) <u>Allocator</u>
1	Gross Transmission Plant plus CWIP	Attach H-27A, p 2, line 2, col 5 plus line 25, col 5 (Note A)	156,327,409	
2	Net Transmission Plant plus CWIP and Abandoned Plant	Attach H-27A, p 2, line 14, col 5 plus line 25 & 27, col 5 (Note B)	149,518,667	
O&M EXPENSE				
3	Total O&M Allocated to Transmission	Attach H-27A, p 3, line 17, col 5	6,348,218	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1, col 3)	4.06%	4.06%
GENERAL AND INTANGIBLE (G&I) DEPRECIATION EXPENSE				
5	Total G&I Depreciation Expense	Attach H-27A, p 3, line 20, col 5 (Note C)	138,855	
6	Annual Allocation Factor for G,I & C Depreciation Expense	(line 5 divided by line 1, col 3)	0.09%	0.09%
TAXES OTHER THAN INCOME TAXES				
7	Total Other Taxes	Attach H-27A, p 3, line 32, col 5	1,077,052	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1, col 3)	0.69%	0.69%
9	Less Revenue Credits	Attach H-27A, p 1, line 6 col 5	-	
10	Annual Allocation Factor for Revenue Credits	(line 9 divided by line 1, col 3)	0.00%	0.00%
11	Annual Allocation Factor for Expense	Sum of lines 4, 6, 8, and 10		4.84%
INCOME TAXES				
12	Total Income Taxes	Attach H-27A, p 3, line 46, col 5	3,193,890.49	
13	Annual Allocation Factor for Income Taxes	(line 12 divided by line 2, col 3)	2.14%	2.14%
RETURN				
14	Return on Rate Base	Attach H-27A, p 3, line 48, col 5	10,046,394	
15	Annual Allocation Factor for Return on Rate Base	(line 14 divided by line 2, col 3)	6.72%	6.72%
16	Annual Allocation Factor for Return	Sum of lines 13 and 15		8.86%

Attachment 1
Project Revenue Requirement Worksheet
Silver Run Electric, LLC

This worksheet is used to compute project specific revenue requirements for any projects for which such calculation is required by PJM. Other projects which comprise the remaining revenue requirement on Attachment H-27A will not be entered on this schedule.

Any hypothetical amounts or project names in a filed template will be removed and replaced with actual amounts in the first year actual values are available without the need for a section 205 filing to modify the template.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
Line No.	Project Name	PJM Category	RTEP Project Number Or Other Identifier	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge
			(Note D)	(Page 1, line 11)	(Col. 3 * Col. 4)		(Note E)	(Page 1, line 16)	(Col. 6 * Col. 7)
1a	Artificial Island	Schedule 12	b2633.1, b2633.2	156,327,409	4.84%	7,564,126	\$ 149,518,667	8.86%	13,240,285
1b				-	4.84%	-	\$ -	8.86%	-
2	Total Schedule 12			156,327,409		7,564,126	\$ 149,518,667		13,240,285
3a				-	4.84%	-	\$ -	8.86%	-
3b				-	4.84%	-	\$ -	8.86%	-
4	Total Zonal			-		-	\$ -		-
5				-	4.84%	-	\$ -	8.86%	-
6	Annual Totals			156,327,409.15		7,564,126	149,518,667		13,240,285

Attachment 1
Project Revenue Requirement Worksheet
Silver Run Electric, LLC

	(9)	(10)	(11)	(12)	(12a)	(13)	(14)	(15)	(16)
Line No.	Project Depreciation/Amortization Expense	Annual Revenue Requirement	Incentive Return in Basis Points	Incentive Return	Ceiling Rate	Competitive Concession	Total Annual Revenue Requirement	True-Up Adjustment	Net Revenue Requirement
	(Note F)	(Sum Col. 5 + Col. 9 + (Column 6 * Line 16))	(Note G)	(Col. 11/100)*Col. 6*Att 2 Line 28) (Note G)	(Sum Col. 10 & 12)	(Note H)	(Sum Col. 10 & 12 Less Col. 13)	(Note I)	(Sum Col. 14 & 15)
1a	3,327,216	24,131,627	50	565,946	24,697,573	-	24,697,573	400,974	25,098,547
1b	-	-	-	-	-	-	-	-	-
2	3,327,216	24,131,627		565,946	24,697,573	-	24,697,573	400,974	25,098,547
3a	-	-	-	-	-	-	-	-	-
3b	-	-	-	-	-	-	-	-	-
4	-	-		-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-
6	3,327,216	24,131,627		565,946	24,697,573	-	24,697,573	400,974	25,098,547

Notes

- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment H-27A inclusive of any CWIP or unamortized abandoned plant included in rate base when authorized by FERC order.
- B Net Plant is that identified on page 2 line 14 of Attachment H-27A inclusive of any CWIP or unamortized Abandoned Plant included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
- C General and Intangible Depreciation and Amortization Expense includes all expense not directly associated with a project, which is entered on page 3, column 9.
- D Project Gross Plant is the total capital investment including CWIP for the project calculated from Company books and records in the same method as the gross plant value in line 1. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- E Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation plus CWIP in rate base if applicable and Unamortized Abandoned Plant.
- F Project Depreciation Expense is the actual value booked for the project (excluding General and Intangible depreciation) at Attachment H-27A, page 3, line 19, plus amortization of Abandoned Plant at Attachment H-27A, page 3, line 21.
- G Requires approval by FERC of incentive return applicable to the specified project(s). Per the Commission's order in 158 FERC ¶ 61,060 at PP 32-35, SRE shall not recover a 50 basis point ROE incentive for the risks and challenges associated with the Artificial Island Project facilities, PJM Upgrade Projects b2633.1 and b2633.2.
- H The Competitive Concession is the reduction in revenue, if any, that the company agreed to, for instance, to be selected to build facilities as the result of a competitive process and equals the amount by which the annual revenue requirement is reduced from the ceiling rate.
- I True-Up Adjustment is calculated on the Project True-up Schedule for the relevant true-up year.
- J For each project listed on this Attachment 1 that is a Required Transmission Enhancement, the net revenue requirement shown in Column (16) is: (i) the annual transmission revenue requirement for purposes of determining the PJM OATT Schedule 12 Transmission Enhancement Charges associated with that Required Transmission Enhancement, and (ii) the Annual Revenue Requirement for purposes of Schedule 12, Appendix A for that Required Transmission Enhancement.

Attachment 2
Incentive Return
Silver Run Electric, LLC

Line								
1	Rate Base			Attachment H-27A, Page 2, Line 35, Col.5				148,918,275
2	100 Basis Point Incentive Return						\$	
						Cost	Weighted	
					\$	%		
3	Long Term Debt	(Notes Q & R from Attachment H-27A)			68,080,769	45.25%	2.99%	1.35%
4	Preferred Stock	(Notes Q & R from Attachment H-27A)			-	0.00%	0.00%	0.00%
	Common Stock	(Notes Q, R, & T from Attachment H-27A)	Cost = Attachment H-27A, Page 4, Line 17, plus 100 bp		82,373,799	54.75%	10.85%	5.94%
5								
6	Total (sum lines 3-5)				150,454,568			7.29%
7	100 Basis Point Incentive Return multiplied by Rate Base (line 1 * line 6)							10,861,721
8	INCOME TAXES							
9	$T=1 - \{(1 - SIT) * (1 - FIT)\} / (1 - SIT * FIT * p) =$				27.97%			
10	$CIT=(T/1-T) * (1-(WCLTD/R)) =$				31.62%			
11	WCLTD		Line 3		1.35%			
12	FIT, SIT & p are as given in Attachment H-27A footnote N.							
13	$1 / (1 - T)$		Line 9		1.3883			
14	Reserved		Attachment H-27A, Page 3, Line 39		-			
15	Reserved		Attachment H-27A, Page 3, Line 40		-			
16	Reserved		Attachment H-27A, Page 3, Line 41		-			
17	Income Tax Calculation		Line 7 times Line 10					3,434,734
18	ITC Amortization Tax Adjustment		Attachment H-27A, Page 3, Line 43		-	NP	1.00	-
19	Excess Deferred Income Tax Adjustment		Attachment H-27A, Page 3, Line 44		-	NP	1.00	-
20	Permanent Differences Tax Adjustment		Attachment H-27A, Page 3, Line 45		75,722.08	NP	1.00	75,722
21	Total Income Taxes		Sum of Lines 17 through 20					3,510,456
22	Return and Income Taxes with 100 basis point increase in ROE							14,372,177
23	Return		(Attachment H-27A, page 3, line 48, col 5)					10,046,394
24	Income Tax		(Attachment H-27A, page 3, line 46, col 5)					3,193,890
25	Return and Income Taxes without 100 basis point increase in ROE		Sum of Lines 23 and 24					13,240,285
26	Incremental Return and Income Taxes for 100 basis point increase in ROE		Line 22 less Line 25					1,131,892.11
27	Net Transmission Plant		Attachment H-27A, page 2, line 14, col 5					149,518,667
28	Incremental Return and Income Taxes for 100 basis point increase in ROE divided by Rate Base		Line 26 divided by Line 27					0.76%

Notes

- A Line 5 includes a 100 basis point increase in ROE that is used only to determine the increase in return and income taxes associated with a 100 basis point increase in ROE. Any ROE actual incentive must be approved by the Commission. For example, if the Commission were to grant a 150 basis point ROE incentive, the increase in return and taxes for a 100 basis point increase in ROE would be multiplied by 1.5 on Attachment 1 column 12. Per the Commission's order in 158 FERC ¶ 61,060 at PP 32-35, SRE shall not recover a 50 basis point ROE incentive for the risks and challenges associated with the Artificial Island Project facilities, PJM Upgrade Projects b2633.1 and b2633.2.
- B The Tax Effect of Permanent Differences captures the differences in the income taxes due under the Federal and State calculations and the income taxes calculated in Attachment H-27A that are not the result of a timing difference.

Attachment 3
Formula Rate True-Up
Silver Run Electric, LLC

This Attachment 3 is used to calculate the annual formula rate true-up. Any projects for which the RTO requires a true-up on an individual project basis, as shown on Attachment 1, will be computed separately. The remainder of the revenue requirement will also be trueed up. The utility will individually enter the projected true-up year revenue requirements in Column C. A percentage of total will be calculated in Column D. Actual revenue received during the true-up year is entered into Column E, line 2 and allocated using the Column D percentage. The utility will prepare this formula rate template with the actual inputs for the true-up year, with the resulting revenue requirement for each line being separately entered in Column F. In Col. G, Col. F is subtracted from Col. E to calculate the true-up adjustment. Interest on the true-up is computed in Column H. Any adjustments to prior period true-ups are entered in Col. I. Col. J computes the total true-up as the sum of Col. G, H and I.

Any hypothetical amounts or project names in a filed template will be removed and replaced with actual amounts in the first year actual values are available without the need for a section 205 filing to modify the template.

Line	True-Up Year			Projected True-Up Year Revenue Requirement Calculation		True-Up Year Revenue Received ¹	Actual True-Up Year Revenue Req.	Annual True-Up Calculation				
1	2020					13,704,563						
2	A		B	C	D	E	F	G	H	I	J	
	Project Name	PJM Category	Project # Or Other Identifier	Net Revenue Requirement ²	% of Total Revenue Requirement	Allocation of Revenue Received (E, Line 2) x (D)	True-Up Net Revenue Requirement ³	Net Under/(Over) Collection (F)-(E)	True-Up Interest Income (Expense) ⁴ (D) x (H, line 10)	Prior Period Adjustment with Interest ⁵	Total True-Up (G) + (H) + (I)	
3	Remaining Attachment H-27A	-		-	-	-	-	-	-	-	-	
4a	Artificial Island	Schedule 12	2633.1, b2633	13,704,563	1.00000	13,704,563	14,074,982.49	370,420	30,554.45	-	400,974	
4b	Project B	-	BBBB	-	-	-	-	-	-	-	-	
5	Total Schedule 12			13,704,563		13,704,563		370,420	30,554.45	-	400,974	
6a	Project C	-	CCCC	-	-	-	-	-	-	-	-	
6b	Project D	-	DDDD	-	-	-	-	-	-	-	-	
7	Total Zonal			-	-	-	-	-	-	-	-	
8	Other	-		-	-	-	-	-	-	-	-	
9	Total Annual Revenue Requirements			13,704,563	100.0%	13,704,563	-	370,420	30,554.45	-	400,974	
10									Total Interest on True-Up - Attachment 6	30,554.45		

Prior Period Adjustment

	A	B
	Prior Period Adjustment (Note 5)	Adjustment Amount
11	Description of Adjustment	-

Notes

- 1) The revenue received is the total amount of revenue distributed to company in the year as shown on pages 328-330 of the Form No 1. The Revenue Received is input on line 2, Col. E.
- 2) From the Attachment 1, lines 1a through 6, col. 16 from the template in which the true-up year revenue requirement was initially projected.
- 3) From True-Up revenue requirement template Attachment 1, lines 1a through 6, col. 14.
- 4) Interest due on the true up is calculated for the 24 month period from the start of the true-up year until the end of the year following the true-up year when the true up will be included in rates. Total True up Interest calculate on Attachment 6 and allocated to projects based on the percentage in Column D.
- 5) Corrections to true-ups for previous rate years including interest will be computed on Attachment 11 and entered on the appropriate line 3-8 above.

Attachment 4
Rate Base Worksheet
Silver Run Electric, LLC

Line No	Month (a)	Gross Plant in Service		CWIP	LHFFU	Working Capital		Accumulated Depreciation		
		Transmission (b)	General & Intangible (c)	CWIP in Rate Base (d)	Held for Future Use (e)	Materials & Supplies (f)	Prepayments (g)	Transmission (h)	General & Intangible (i)	
	(Note A)	207.58.g for end of year, records for other months	205.5.g & 207.99.g for end of year, records for other months	Note B - page 2, column C	214.47.d for end of year, records for other months	227.8.c & 227.16.c for end of year, records for other months	111.57.c for end of year, records for other months	219.25.c for end of year, records for other months	219.28.c & 200.21.c for end of year, records for other months	
1	December	2021	156,223,563	1,277,037	-	-	717,708	699,154	5,146,233	167,927
2	January	2022	156,223,563	1,277,037	-	-	717,708	589,607	5,422,906	179,151
3	February	2022	156,223,563	1,277,037	-	-	717,708	480,059	5,699,579	190,375
4	March	2022	156,223,563	1,277,037	-	-	717,708	429,579	5,976,252	201,599
5	April	2022	156,373,563	1,327,037	-	-	717,708	497,385	6,252,925	212,823
6	May	2022	156,373,563	1,327,037	-	-	717,708	387,741	6,530,490	224,568
7	June	2022	156,373,563	1,327,037	-	-	717,708	368,080	6,808,056	236,313
8	July	2022	156,373,563	1,327,037	-	-	717,708	404,206	7,085,621	248,058
9	August	2022	156,373,563	1,327,037	-	-	717,708	966,150	7,363,187	259,802
10	September	2022	156,373,563	1,327,037	-	-	717,708	856,368	7,640,753	271,547
11	October	2022	156,373,563	1,327,037	-	-	717,708	766,952	7,918,318	283,292
12	November	2022	156,373,563	1,327,037	-	-	717,708	657,136	8,195,884	295,037
13	December	2022	156,373,563	1,327,037	-	-	717,708	686,154	8,473,449	306,782
	Average of the 13 Monthly Balances		156,327,409	1,311,652	-	-	717,708	599,121	6,808,743	236,713

Adjustments to Rate Base

Month (a)	Unamortized			
	Regulatory Asset (b)	Abandoned Plant (c)		
(Note A)	Note C	Note D		
15	December	2021	2,006,526	-
16	January	2022	1,955,077	-
17	February	2022	1,903,627	-
18	March	2022	1,852,178	-
19	April	2022	1,800,729	-
20	May	2022	1,749,279	-
21	June	2022	1,697,830	-
22	July	2022	1,646,380	-
23	August	2022	1,594,931	-
24	September	2022	1,543,482	-
25	October	2022	1,492,032	-
26	November	2022	1,440,583	-
27	December	2022	1,389,134	-
28	Average of the 13 Monthly Balances		1,697,830	-

Attachment 4
Rate Base Worksheet
Silver Run Electric, LLC

Reconciliation of CWIP in Rate Base to FERC Form 1 - Note B

		Total CWIP (a)	Less: CWIP and AFUDC Excluded from Rate Base (b)	CWIP allowed in Rate Base (c) = (a) - (b)
	216.b for end of year, records for other months		Company records	
29	December 2021	-	-	-
30	January 2022	-	-	-
31	February 2022	-	-	-
32	March 2022	-	-	-
33	April 2022	-	-	-
34	May 2022	-	-	-
35	June 2022	-	-	-
36	July 2022	-	-	-
37	August 2022	-	-	-
38	September 2022	-	-	-
39	October 2022	-	-	-
40	November 2022	-	-	-
41	December 2022	-	-	-
Average of the 13 Monthly Balances		-	-	-

Unfunded Reserves (Notes A and F and G)

	(a)	(b)	(b.i)	(b.ii)	(c)	(d)	(e)	(f)	(g)	(h)
List of all reserves	FERC balance sheet account where reserves are recorded	FERC income statement account where expenses are recorded	Amount	Enter 1 if NOT in a trust or reserved account, enter zero (0) if included in a trust or reserved account	Enter 1 if the accrual account is included in the formula rate, enter (0) if the accrual account is NOT included in the formula rate	Enter the percentage paid for by customers less the percent associated with an offsetting liability on the balance sheet (Note H)	Allocation (Plant or Labor Allocator)	Amount Allocated, col. c x col. d x col. e x col. f x col. g		
42a Reserve 1	-	-	-	-	-	-	-	-		
42b Reserve 2	-	-	-	-	-	-	-	-		
43 Total	-	-	-	-	-	-	-	-		

- Notes:
- A Calculate using 13 month average balance.
 - B Recovery of CWIP in rate base must be approved by FERC. Lines 29-41 of page 2 provide a reconciliation of the Company's total CWIP to the CWIP allowed in rate base. The annual report filed pursuant to the Protocols will include for each project under construction (i) the CWIP balance eligible for inclusion in rate base; (ii) the CWIP balance ineligible for inclusion in rate base; and (iii) a demonstration that AFUDC is only applied to the CWIP balance that is not included in rate base. The annual report will also describe the reconciliation prepared on this Attachment.
 - C Recovery of a Regulatory Asset is permitted only for pre-commercial and formation expenses, and is subject to FERC approval before the amortization of the Regulatory Asset can be included in rates. Recovery of any other regulatory assets requires authorization from the Commission.
 - D Recovery of abandoned plant is limited to any abandoned plant recovery authorized by FERC.
 - E Reserved.
 - F The Formula Rate shall include a credit to rate base for all unfunded reserves (funds collected from customers that (1) have not been set aside in a trust, escrow or restricted account; (2) whose balance are collected from customers through cost accruals to accounts that are recovered under the Formula Rate; and (3) exclude the portion of any balance offset by a balance sheet account (see Note H). Each unfunded reserve will be included on lines 42 above. The allocator in Col. (g) will be the same allocator used in the formula for the cost accruals to the account that is recovered under the Formula Rate. Since reserves can be created by creating an offsetting balance sheet account, rather than through cost accruals, the amount to be deducted from rate base should exclude the portion offset by another balance sheet account.
 - G Not all unfunded reserves are created only from contributions from customers. Many are created by creating an offsetting liability in whole or in part. Column (f) ensures only the portion of the unfunded reserve contributed by the customer (and not created by an offsetting liability) is a reduction to rate base.
 - H The inputs in Column (f) are the percentage of the unfunded reserve that was created by an offsetting liability. The percentage shown in Column (f) is then equal to the percentage that customers have contributed to the unfunded reserve.
 - I Balance of Account 255 will be reduced by prior flow throughs and excluded if the utility chooses to utilize amortization of tax credits against taxable income.

Attachment 5
Return on Rate Base Worksheet
Silver Run Electric, LLC

RETURN ON RATE BASE (R)

		\$			
1	Long Term Interest (117, sum of 62.c through 67.c) (Note D)	2,036,217			
2	Preferred Dividends (118.29c) (positive number)	-			
3	Proprietary Capital (Line 25 (c))	82,373,799			
4	Less Preferred Stock (Line 9)	-			
5	Less Account 216.1 Undistributed Subsidiary Earnings (Line 25 (d))	-			
6	Less Account 219 Accum. Other Comprehensive Income (Line 25 (e))	-			
7	Common Stock (Sum of Lines 3 through 6)	82,373,799			
		\$	%	Cost	Weighted
8	Long Term Debt Line 25 (a), Note A and Attachment H-27A Note Q	68,080,769	45.25%	2.99%	1.35% =WCLTD
9	Preferred Stock Line 25 (b), Note B and Attachment H-27A Note Q	-	0.00%	0.00%	0.00%
10	Common Stock Line 7, Note C and Attachment H-27A Notes Q and T	82,373,799	54.75%	9.85%	5.39%
11	Total (Sum of Lines 8 through 10)	150,454,568			6.75% =R

Monthly Balances for Capital Structure	(a) Long Term Debt	(b) Preferred Stock	(c) Proprietary	(d) Undistributed Sub	(e) Accum Other
12 December (Prior Year)	68,850,000	-	85,803,399	-	-
13 January	68,850,000	-	86,540,499	-	-
14 February	68,850,000	-	87,277,599	-	-
15 March	68,850,000	-	83,658,399	-	-
16 April	68,850,000	-	84,395,499	-	-
17 May	68,850,000	-	85,132,599	-	-
18 June	67,600,000	-	80,733,399	-	-
19 July	67,600,000	-	81,470,499	-	-
20 August	67,600,000	-	82,207,599	-	-
21 September	67,600,000	-	78,588,399	-	-
22 October	67,600,000	-	79,325,499	-	-
23 November	67,600,000	-	80,062,599	-	-
24 December	66,350,000	-	75,663,399	-	-
25 13-Month Average	68,080,769	-	82,373,799	-	-

Notes

- A Long Term debt balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 lines 18.c to 21.c in the Form No. 1, the cost is calculated by dividing line 1 by the Long Term Debt balance on line 8.
- B Preferred Stock balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 line 3.c in the Form No. 1
- C Common Stock balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on Form 1 page 112 line 16.c less lines 3.c , 12.c, and 15.c
- D Long-term interest will exclude any short-term interest included in FERC Account 430, Interest on Debt to Associated Companies

Attachment 6
Interest on True-Up
Silver Run Electric, LLC

Line	2020		2020		Over (Under) Recovery
	Projected Revenue Requirement (Note A)		Actual Net Revenue Requirement (Note B)		
1	\$ 13,704,563	Less	\$ 14,074,982	Equals	\$ (370,420)

Note A - Projected ATRR for the true-up year from Page 1, Line 1 of Projection Attachment H-27A minus Line 6 of Projection Attachment H-27A.
Note B - Actual Net ATRR for the true-up year from Page 1, Line 9 of True-Up Attachment H-27A.

	Over (Under) Recovery Plus Interest	Monthly Interest Rate on Attachment 6a	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
2	Interest Rate on Amount of Refunds or Surcharges	0.321%				

An over or under collection will be recovered pro rata over year collected, held for one year and returned pro rata over next year

		<u>Calculation of Interest</u>			<u>Monthly</u>		
3	January	2020	(30,868)	0.321%	12	1,190	32,058
4	February	2020	(30,868)	0.321%	11	1,091	31,959
5	March	2020	(30,868)	0.321%	10	991	31,860
6	April	2020	(30,868)	0.321%	9	892	31,761
7	May	2020	(30,868)	0.321%	8	793	31,661
8	June	2020	(30,868)	0.321%	7	694	31,562
9	July	2020	(30,868)	0.321%	6	595	31,463
10	August	2020	(30,868)	0.321%	5	496	31,364
11	September	2020	(30,868)	0.321%	4	397	31,265
12	October	2020	(30,868)	0.321%	3	297	31,166
13	November	2020	(30,868)	0.321%	2	198	31,067
14	December	2020	(30,868)	0.321%	1	99	30,967
15						7,733	378,153
16	January through December	2021	378,153	0.321%	12	14,574	392,727
		<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>			<u>Monthly</u>		
17	January	2022	(392,727)	0.321%		1,261	(33,415)
18	February	2022	(360,574)	0.321%		1,158	(33,415)
19	March	2022	(328,317)	0.321%		1,054	(33,415)
20	April	2022	(295,957)	0.321%		951	(33,415)
21	May	2022	(263,494)	0.321%		846	(33,415)
22	June	2022	(230,925)	0.321%		742	(33,415)
23	July	2022	(198,252)	0.321%		637	(33,415)
24	August	2022	(165,475)	0.321%		531	(33,415)
25	September	2022	(132,592)	0.321%		426	(33,415)
26	October	2022	(99,603)	0.321%		320	(33,415)
27	November	2022	(66,508)	0.321%		214	(33,415)
28	December	2022	(33,308)	0.321%		107	(33,415)
29						8,247	(0)
30	Total Amount of True-Up Adjustment						400,974
31	Less Over (Under) Recovery						(370,420)
32	Total Interest						30,554

Attachment 6a
True-Up Interest Rate Calculator
Silver Run Electric, LLC

This Attachment is used to compute the interest rate to be applied to each year's revenue requirement true-up.

Applicable FERC Interest Rate (Note A):		
1	Rate Year January	0.050
2	Rate Year February	4.68%
3	Rate Year March	5.04%
4	Rate Year April	4.68%
5	Rate Year May	4.80%
6	Rate Year June	4.68%
7	Rate Year July	3.48%
8	Rate Year August	3.48%
9	Rate Year September	3.36%
10	Rate Year October	3.36%
11	Rate Year November	3.24%
12	Rate Year December	3.36%
13	Rate Year Plus 1 January	3.36%
14	Rate Year Plus 1 February	3.00%
15	Rate Year Plus 1 March	3.36%
16	Rate Year Plus 1 April	3.24%
17	Rate Year Plus 1 May	3.36%
18	Average Rate	3.85%
19	Monthly Average Rate	0.32%

Note A - Lines 1-17 are the FERC interest rates under section 35.19a of the regulations for the period shown. Line 18 is the average of lines 1-17.

Attachment 7
Weighted Average Federal and State Income Tax Rates
Silver Run Electric, LLC

Line	Description	Source	Subchapter C Corporations	Individuals	Mutual Funds	Pensions, IRAs Keogh Plans	UBTI Entities	Non-Taxpaying Entities	Weighted Average
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
1	Weighted Marginal Federal Income Tax Rate	Note A	21.00%	0.00%	0.00%	0.00%	21.00%	0.00%	
2	Allocated Income Percentage	Note B	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
3	Weighted Average	Line 1 x Line 2	21.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
4	Weighted Average Federal Income Tax Rate	Sum of Line 3, Col. (c)-(h)							21.00%
5	Weighted Marginal State Income Tax Rate	Note C	8.82%	0.00%	0.00%	0.00%	0.00%	0.00%	
6	Allocated Income Percentage	Note B	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
7	Weighted Average	Line 5 x Line 6	8.82%	0.00%	0.00%	0.00%	0.00%	0.00%	
8	Weighted Average State Income Tax Rate	Sum of Line 7, Col. (c)-(h)							8.82%

- A For each Rate Year, SRE will develop a schedule calculating the weighted average federal income tax rate for each category of partners.
 B This percentage is developed based on the distributive income allocated to each category of partners rather than their respective ownership percentages.
 C For each Rate Year, SRE will develop a schedule calculating the weighted average state income tax rate for each category of partners.

Attachment 8
Cost of Debt Prior to Issuing Non-Construction Financing
Silver Run Electric, LLC

This Attachment 8 is to be utilized to determine the cost of debt prior to issuing non-construction financing. Once non-construction financing is issued the cost of debt shall be determined using the methodology described in Note Q on Attachment H-27A.

If construction debt has not or will not be issued when construction starts, a proxy rate will be used for the cost of debt, which will be supported in the initial section 205 filing. The proxy rate will be entered on line 36 of this attachment.

If construction financing has been obtained, the cost of debt prior to the issuance of non-construction financing shall be based on the terms of the construction financing and determined below. Up-front fees including origination fees will be amortized and included in the cost of debt.

If construction financing is obtained, all rates, fees and monthly debt balances will be subject to true up pursuant to Attachment 9.

Any hypothetical amounts in a filed template will be removed and replaced with actual amounts in the first year actual construction loans are borrowed or projected to be borrowed without the need for a section 205 filing to modify the template.

Line No		
1	Interest rate on Construction Debt for Rate Year - Line 19 (g)	#DIV/0!
2	Rate Year Debt Fee expense - Line 35 (e)	#DIV/0!
3	Total Cost of Debt - Sum of Lines 1 and 2	#DIV/0!
Interest Rate Information		
4	Commitment Fee Rate (%)	0.00%
5	Projected Average Drawn Rate for Rate Year (%) - Note A	0.00%

	Month During Rate Year	Total Loan Amount (\$000)	Principal Drawn (\$000)	Unutilized Loan Balance (\$000)	Commitment Fee & Utilization Fee (\$000)	Interest Expense (\$000)	Effective Annual Interest Rate (%)
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
6	December Prior Year	-	-	-	-	-	-
7	January	-	-	-	-	-	-
8	February	-	-	-	-	-	-
9	March	-	-	-	-	-	-
10	April	-	-	-	-	-	-
11	May	-	-	-	-	-	-
12	June	-	-	-	-	-	-
13	July	-	-	-	-	-	-
14	August	-	-	-	-	-	-
15	September	-	-	-	-	-	-
16	October	-	-	-	-	-	-
17	November	-	-	-	-	-	-
18	December	-	-	-	-	-	-
19	Average of the 13 Monthly Balances	-	-	-	-	-	#DIV/0!

Example Fee Calculation - All amounts represent actual rate year expenses.

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
	Rate/Fees	Gross Fee Amount (\$000)	Year Fee Incurred	Fee Amortization Period (years)	Rate Year Amortized Fee Amount, col. b / col. d	Prior Years Accumulated Fee Amortization	Unamortized Balance - End of Rate Year
Origination Fees							
20	Underwriting Discount	-	-	-	#DIV/0!	-	#DIV/0!
21	Arrangement Fee	-	-	-	#DIV/0!	-	#DIV/0!
22	Upfront Fee	-	-	-	#DIV/0!	-	#DIV/0!
23	Rating Agency Fee	-	-	-	#DIV/0!	-	#DIV/0!
24	Legal Fees	-	-	-	#DIV/0!	-	#DIV/0!
25	Other	-	-	-	#DIV/0!	-	#DIV/0!
26	Total Issuance Expense / Origination Fees - Sum of Lines 20-25	-	-	-	#DIV/0!	-	#DIV/0!
27							
Annual Fees							
28	Annual Rating Agency Fee	-	-	N/A	0	N/A	N/A
29	Annual Bank Agency Fee	-	-	N/A	0	N/A	N/A
30	Utilization Fee	-	-	N/A	0	N/A	N/A
31	Other Fees	-	-	N/A	0	N/A	N/A
32	Total Fees	-	-	-	#DIV/0!	-	#DIV/0!
33	13 Month Average Debt balance - Line 19 (c)	-	-	-	-	-	-
34	Rate Year cost of fees	-	-	-	#DIV/0!	-	-
35	Proxy Debt rate. Used prior to issuance of construction financing and supported in initial section 205 filing.	-	2.3641%	-	-	-	-

Notes

A Projected rate will be Average LIBOR for rate year + spread. Spread will be supported in initial section 205 filing. LIBOR will be updated based on information in the Wall Street Journal as of the 15th day of the month prior to population of this template.

LIBOR	0.3641%
Spread	2.0000%
Total	2.3641%

Attachment 9
True-Up - Construction Financing Cost of Debt
Silver Run Electric, LLC

This Attachment 9 is to be utilized only in the event construction financing has been obtained to compute the actual cost of debt to be included in the return on rate base calculation for the true-up each year prior to the issuance of non-construction financing. Once non-construction financing has been obtained the cost of debt shall be determined using the methodology described in Note Q on Attachment H-27A.

One time up-front debt fees, including origination fees will be amortized and included in the cost of debt.

Any hypothetical amounts in a filed template will be removed and replaced with actual amounts in the first year actual construction loans are borrowed or projected to be borrowed without the need for a section 205 filing to modify the template.

Line No.

		\$
1	Long Term Interest and Fees (117, sum of 62.c through 67.c)	-
2	Line of Credit Fees (68.c)	-
3	Total Interest and Fees	-
13 Month Average Long-Term Debt - Note A		
	Month During Rate Year	Long Term Debt
	(a)	(d)
4	December Prior Year	-
5	January	-
6	February	-
7	March	-
8	April	-
9	May	-
10	June	-
11	July	-
12	August	-
13	September	-
14	October	-
15	November	-
16	December	-
17	Average of the 13 Monthly Balances	-
18	True-Up Cost of Debt (Line 3 / Line 17)	#DIV/0!

Notes

- A Long Term debt balance will reflect the 13 month average of the balances, of which the 1st and 13th are found on page 112 lines 18.c to 21.c in the Form No. 1, the cost is calculated by dividing line 3 by the Long Term Debt balance on line 17.

Attachment 10
Depreciation Rates
Silver Run Electric, LLC

INITIAL PROPOSED TRANSMISSION AND GENERAL PLANT DEPRECIATION RATES

Line No. INTANGIBLE PLANT		Initial Annual Depreciation Rates (Notes A and B)
1	301.0 Organization	1.85% *
2	302.0 Franchises and Consents	1.85% *
3	303.0 Computer Software	6.67% *
3a	303.1 Contributions in Aid of Construction	Note C
TRANSMISSION PLANT		
4	350.2 Land Rights	1.43% *
5	352.0 Structures & Improvements	2.82% *
6	353.0 Station Equipment	2.69% *
7	354.0 Towers & Fixtures	1.67% *
8	355.0 Poles & Fixtures	2.28% *
9	356.0 Overhead Conductors & Devices	2.61% *
10	357.0 Underground Conduit	1.95% **
11	358.0 Underground Conductor and Devices	2.61% *
12	359.0 Roads and Trails	1.43% *
GENERAL PLANT		
13	391.0 Office Furniture & Equipment	12.50% *
14	391.1 Computer Hardware	12.50% *
15	392.0 Transportation Equipment	10.00% *
16	393.0 Stores Equipment	12.50% *
17	397.0 Communication Equipment	25.00% *

Notes

A * Taken directly from SRE affiliate Cross Texas Transmission, LLC as approved by the Public Utility Commission of Texas in Docket No. 43950 by order issued May 1, 2015.

** Based on a proxy depreciation rate as supported in Section 205 filing.

B These depreciation rates will not be changed absent a FERC order.

C In the event a Contribution in Aid of Construction (CIAC) is made for a transmission facility, the transmission depreciation rates above will be weighted based on the relative amount of underlying plant booked to the accounts shown in the lines above, and the resultant weighted average depreciation rate will be used to amortize the CIAC. The CIAC depreciation rate for each facility will be determined at the time the plant is placed into service, and will not change without FERC approval.

For the twelve months ended 12/31/2022

Attachment 11
Prior Period Adjustments
Silver Run Electric, LLC

<u>Line No.</u>	<u>Description</u>	<u>Source</u>	(a)	(b)
			<u>Revenue Impact of Correction</u>	<u>Calendar Year</u> <u>Revenue Requirement</u>
1	Filing Name and Date			-
2	Original Revenue Requirement			-
3				
4	Description of Correction 1			-
5	Description of Correction 2			-
6				
7	Total Corrections	Line 4 + 5		-
8				
9	Corrected Revenue Requirement	Line 2 + 7		-
10				
11				
12	Total Corrections	Line 7		-
13				
14	Average Monthly FERC Refund Rate	Note A		0.00%
15	Number of Months of Interest	Note B		30
16	Interest on Correction	Line 12 x 14 x 15		-
17				
18	Total Annual Amount Due from / (to) Customers	Line 12 + 16		-

Notes

- A The interest rate on corrections will be the average monthly FERC interest rate for the period from the beginning of the year being corrected through the most recent month available as of the time the correction is computed and included in an annual filing.
- B The number of months interest due on the correction will be the number of months from the beginning of the year being corrected through June of the year in which the correction will be reflected in rates. In this manner the interest computed will reflect all years prior to when the correction is reflected in rates plus interest on the average unrefunded balance of the correction during the year the correction is reflected in rates.

For the twelve months ended 12/31/2022

Attachment 12
Revenue Credit Detail
Silver Run Electric, LLC

Line No.	(Note A)	Source	(a) Company Total	(b) Less: Non Transmission	(c) = (a) - (b) Transmission-related
1	Account 454 - Rent from Electric Property				
2	Joint pole attachments - telephone	Company books	-	-	-
3	Joint pole attachments - cable	Company books	-	-	-
4	Underground rentals	Company books	-	-	-
5	Transmission tower wireless rentals	Company books	-	-	-
6	Other rentals	Company books	-	-	-
7	Other rentals	Company books	-	-	-
8	Account 454 Revenue Credit	Form 1 300.19.b	-	-	-
9	Account 456.1 Other Operating Revenues				
10	PJM NITS	Company books	-	-	-
11	PJM Point to Point	Company books	-	-	-
12	Over/Under recovery deferral	Company books	-	-	-
13	Other PJM revenues	Company books	-	-	-
14	Other	Company books	-	-	-
15	Total Per Books	Form 1 330.n	-	-	-
16	Less: revenues received pursuant to this Formula Rate		-	-	-
17	Less: Over/Under recovery deferral		-	-	-
18	Account 456.1 Revenue Credit	(Line 15 - line 16 - line 17)	-	-	-
19	Total Revenue Credits	(Line 8 + line 18)	-	-	-

Note A All 454 and 456.1 revenues will be detailed from Company books and records or FERC Form 1, and additional rows added if necessary. Non-transmission-related amounts will be deducted to determine transmission-related amounts.

Silver Run Electric, LLC
2022 Projected Attachment H-27A
Workpaper #1

Accumulated Deferred Income Taxes and Regulatory Assets/Liabilities for Excess/Deficient ADIT - Averaging and Proration Adjustments (Projected Revenue Requirement)

Line
No.

1	Rate year =	2021
2	Test period days after rates become effective	365

3 **Note 1** - The computations on this workpaper apply the proration rules of Treasury Regulation section 1.167(l)-1(h)(6) to the annual activity of depreciation-related accumulated deferred income taxes that are subject to the normalization requirements. Activity related to the portions of the account balances not subject to the proration requirement is averaged instead of prorated.

4 **Note 2** - Accumulated deferred income tax amounts reflected in rate base exclude ADIT related to assets and liabilities excluded from rate base, including amounts related to asset retirement obligations, other post-employment benefit obligations and tax-related regulatory assets and liabilities.

5	Account 281 - Accumulated Deferred Income Taxes - Accelerated Amortization	Amount debit / <credit>	
6	Beginning Balance	-	
7	Ending Balance	-	
8	Average Balance	-	To Attachment H-27A, line 19, col. 3

5	Account 282 - Accumulated Deferred Income Taxes - Other Property	Amount debit / <credit>	
6	Beginning Balance	(5,997,980)	
7	Less: Portion not related to transmission	-	
8	Less: Portion not reflected in rate base	(1,655,906)	
9	Subtotal: Portion reflected in rate base	(4,342,074)	
10	Less: Portion subject to proration	(4,633,490)	
11	Portion subject to averaging	291,416	
12	Ending Balance	(8,845,021)	
13	Less: Portion not related to transmission	-	
14	Less: Portion not reflected in rate base	(1,626,050)	
15	Subtotal: Portion reflected in rate base	(7,218,971)	
16	Less: Portion subject to proration (before proration)	(7,690,597)	
17	Portion subject to averaging (before averaging)	471,626	
18	Ending balance of portion subject to proration (prorated)	(6,049,671)	
19	Average balance of portion subject to averaging	381,521	
20	Amount reflected in rate base	(5,668,150)	To Attachment H-27A, line 20, col. 3

21 **Note 3** - Accumulated deferred income tax activity in account 282 subject to the proration rules relates differences between depreciation methods and lives for public utility property and any other amounts subject to the Section 168 or other normalization requirements.

22	Account 282 - Accumulated Deferred Income Taxes - Other Property							
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Month	Year	Forecasted Monthly Activity debit / <credit>	Forecasted Month-end Balance debit / <credit>	Days until End of Test Period	Days in Test Period	Prorated Forecasted Monthly Activity debit / <credit>	Forecasted Prorated Month-end Balance debit / <credit>
23								
24	December 31,	2019	NA	(4,633,490)	NA	365	NA	(4,633,490)
25	January	2020	(254,759)	(4,888,249)	335	365	(233,820)	(4,867,310)
26	February	2020	(254,759)	(5,143,008)	307	365	(214,277)	(5,081,587)
27	March	2020	(254,759)	(5,397,767)	276	365	(192,640)	(5,274,226)
28	April	2020	(254,759)	(5,652,526)	246	365	(171,701)	(5,445,927)
29	May	2020	(254,759)	(5,907,285)	215	365	(150,063)	(5,595,990)
30	June	2020	(254,759)	(6,162,044)	185	365	(129,124)	(5,725,115)
31	July	2020	(254,759)	(6,416,803)	154	365	(107,487)	(5,832,602)
32	August	2020	(254,759)	(6,671,561)	123	365	(85,850)	(5,918,452)
33	September	2020	(254,759)	(6,926,320)	93	365	(64,911)	(5,983,363)
34	October	2020	(254,759)	(7,181,079)	62	365	(43,274)	(6,026,638)
35	November	2020	(254,759)	(7,435,838)	32	365	(22,335)	(6,048,973)
36	December	2020	(254,759)	(7,690,597)	1	365	(698)	(6,049,671)
37	Total		(3,057,107)					

Workpaper #1, page 2

38 Account 283 - Accumulated Deferred Income Taxes - Other		Amount
		debit / <credit>
39	Beginning Balance	(772,610)
40	Less: Portion not related to transmission	-
41	Less: Portion not reflected in rate base	(748,022)
42	Subtotal: Portion reflected in rate base	(24,588)
43	Less: Portion subject to proration	-
44	Portion subject to averaging	(24,588)
45	Ending Balance	(725,716)
46	Less: Portion not related to transmission	-
47	Less: Portion not reflected in rate base	(708,674)
48	Subtotal: Portion reflected in rate base	(17,041)
49	Less: Portion subject to proration (before proration)	-
50	Portion subject to averaging (before averaging)	(17,041)
51	Ending balance of portion subject to proration (prorated)	-
52	Average balance of portion subject to averaging	(20,815)
53	Amount reflected in rate base	(20,815) To Attachment H-27A, line 21, col. 3
54 Account 190 - Accumulated Deferred Income Taxes		Amount
		debit / <credit>
55	Beginning Balance	93,612
56	Less: Portion not related to transmission	-
57	Less: Portion not reflected in rate base	-
58	Subtotal: Portion reflected in rate base	93,612
59	Less: Portion subject to proration	-
60	Portion subject to averaging	93,612
61	Ending Balance	471,631
62	Less: Portion not related to transmission	-
63	Less: Portion not reflected in rate base	-
64	Subtotal: Portion reflected in rate base	471,631
65	Less: Portion subject to proration (before proration)	-
66	Portion subject to averaging (before averaging)	471,631
67	Ending balance of portion subject to proration (prorated)	-
68	Average balance of portion subject to averaging	282,622
69	Amount reflected in rate base	282,622 To Attachment H-27A, line 22, col. 3

Silver Run Electric, LLC
2022 Projected Attachment H-27A
Workpaper #3
Permanent Difference Tax Adjustment

The permanent book/tax differences reflected in recoverable income tax expense are differences between revenues and expenses reflected in the revenue requirement and revenue and deductions reflected in taxable income. As such, non-operating (below-the-line) expenses and income are not included (e.g., accrual of AFUDC-equity, certain lobbying costs). Book depreciation of capitalized AFUDC-equity is reflected in ratemaking, but not for income tax purposes, and, thus, is a permanent book/tax difference in this context. Similarly, amortization of the regulatory asset for pre-commercial carrying charges accrued at an after-tax equity rate of return is permanent difference between recoverable expenses and tax deductions.

	Amount per Formula Rate Template
Permanent book/tax differences	
Depreciation of AFUDC-equity	106,753
Amortization of carrying charge-equity	88,273
Total permanent book/tax differences	<u>195,025</u>
Tax rate	27.97%
Tax effect of permanent book/tax differences	<u><u>54,544</u></u>

Silver Run Electric, LLC
2022 Projected Attachment H-27A
Workpaper #4
Construction Cost Cap

1 Construction Cost Cap (Note 1)	\$ 166,300,562
2 Gross Plant In Service – Construction Costs	\$ 148,099,072
3 Gross Plant In Service – Excluded Costs (Note 2)	\$ 9,601,528
4 Total Gross Plant in Service - Attachment 4, Line 13 (b) and (c)	\$ 157,700,600
5 Unamortized Regulatory Asset- Project Cost- Attachment 4, Line 27 (b) and (c)	\$ 1,389,134
6 Total Project Costs Subject to Construction Cost Cap	\$ 149,488,206

Notes:

1. The Construction Cost Cap Amount was determined pursuant to the Designated Entity Agreement (DEA) filed under Docket ER16-453
2. Excluded Costs as defined in the DEA.

Attachment 15
NIPSCO Formula Rate for January 1, 2022 to December 31, 2022

Formula Rate calculation

Rate Formula Template
Utilizing Attachment O DataAttachment GG - Generic
For the 12 months ended 12/31/22

Page 1 of 4

Northern Indiana Public Service Company LLC

To be completed in conjunction with Attachment O.

Line No.	(1)	(2) Attachment O Page, Line, Col.	(3) Transmission	(4) Allocator
1	Gross Transmission Plant - Total	Attach O, p 2, line 2 col 5 (Note A)	2,076,563,421	
2	Net Transmission Plant - Total	Attach O, p 2, line 14 and 23b col 5 (Note B)	1,412,676,381	
O&M EXPENSE				
3	Total O&M Allocated to Transmission	Attach O, p 3, line 8 col 5	39,547,322	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1 col 3)	1.90%	1.90%
GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE				
5	Total G&C Depreciation Expense	Attach O, p 3, lines 10 & 11, col 5 (Note H)	3,382,957	
6	Annual Allocation Factor for G&C Depreciation Expense	(line 5 divided by line 1 col 3)	0.16%	0.16%
TAXES OTHER THAN INCOME TAXES				
7	Total Other Taxes	Attach O, p 3, line 20 col 5	7,345,601	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1 col 3)	0.35%	0.35%
9	Annual Allocation Factor for Expense	Sum of line 4, 6, and 8		2.42%
INCOME TAXES				
10	Total Income Taxes	Attach O, p 3, line 27 col 5	15,440,656	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2 col 3)	1.09%	1.09%
RETURN				
12	Return on Rate Base	Attach O, p 3, line 28 col 5	88,911,862	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2 col 3)	6.29%	6.29%
14	Annual Allocation Factor for Return	Sum of line 11 and 13	7.39%	7.39%

Formula Rate calculation

Rate Formula Template
Utilizing Attachment O Data

Attachment GG - Generic
For the 12 months ended 12/31/22

Northern Indiana Public Service Company LLC

Network Upgrade Charge Calculation By Project

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Line No.	Project Name	MTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	Network Upgrade Charge
		(Note C)	(Page 1 line 9)		(Col. 3 * Col. 4)	(Note D)	(Page 1 line 14)	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8 & 9)	(Note F)	Sum Col. 10 & 11 (Note G)
1a	MTEP07	612	\$ 5,766,738	2.42%	\$ 139,619	\$ 3,701,131	7.39%	\$ 273,398	\$ 158,444	\$ 571,461	\$ 14,816	\$ 586,277
1b	MTEP08	1551	\$ 4,410,237	2.42%	\$ 106,777	\$ 2,686,318	7.39%	\$ 198,435	\$ 136,535	\$ 441,746	\$ 12,996	\$ 454,742
1c	MTEP07	1615 GIP	\$ 771,335	2.42%	\$ 18,675	\$ 1,578,547	7.39%	\$ 116,605	\$ 14,796	\$ 150,076	\$ (8,717)	\$ 141,359
1d	MTEP10	2322	\$ 9,263,742	2.42%	\$ 224,285	\$ 6,462,123	7.39%	\$ 477,348	\$ 254,759	\$ 956,393	\$ 25,892	\$ 982,285
1e	MTEP20	18484	\$ 309,251	2.42%	\$ 7,487	\$ 307,125	7.39%	\$ 22,687	\$ 7,897	\$ 38,071	\$ -	\$ 38,071
2	Annual Totals									\$ 2,157,747	\$ 44,987	\$ 2,202,734
3	NUC, TMEPC, and IMEPC Rev. Req. Adj for Attachment O (Att GG page 2, line 2, Column 10 plus Att GG, page 3, line 2, Column 10 plus Att GG, page 4, line 2, Column 10)									\$ 4,877,412		

Note Letter

- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment O and includes any sub lines 2a or 2b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
- B Net Transmission Plant is that identified on page 2 line 14 of Attachment O and includes any sub lines 14a or 14b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 and includes CWIP in rate base less any prefunded AFUDC, if applicable. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- D Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment O page 3 line 12.
- F True-Up Adjustment is included pursuant to a FERC approved methodology if applicable.
- G The Network Upgrade Charge is the value to be used in Schedules 26, 37 and 38.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 9.

Formula Rate calculation

Rate Formula Template
Utilizing Attachment O Data

Attachment GG - Generic
For the 12 months ended 12/31/22

Page 3 of 4

Northern Indiana Public Service Company LLC

Targeted Market Efficiency Project Charge Calculation By Project

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Line Efficiency No. Charge	Project Name	MTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	Targeted Market Project
			(Note C)	(Page 1 line 9)	(Col. 3 * Col. 4)	(Note D)	(Page 1 line 14)	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8 & 9)	(Note F)	Sum Col. 10 & 11 (Note G)
1a	MTEP17	14267	\$ 52,297	2.42%	\$ 1,266	\$ 49,182	7.39%	\$ 3,633	\$ 1,438	\$ 6,337	\$ (5,584)	\$ 753
1b	MTEP17	14264	\$ 6,827,856	2.42%	\$ 165,310	\$ 6,358,192	7.39%	\$ 469,671	\$ 187,766	\$ 822,747	\$ 413,015	\$ 1,235,762
1c	MTEP17	14266	\$ 6,168,989	2.42%	\$ 149,358	\$ 5,876,433	7.39%	\$ 434,084	\$ 141,887	\$ 725,329	\$ (5,284)	\$ 720,045
1d	MTEP17	14268	\$ 7,474,130	2.42%	\$ 180,957	\$ 7,182,679	7.39%	\$ 530,575	\$ 147,188	\$ 858,720	\$ 211	\$ 858,931
2	Annual Totals									\$2,413,133	\$402,358	\$2,815,491

Note Letter

- A Gross Transmission Plant is that identified on Page 2 Line 2 of Attachment O and includes any sub lines 2a or 2b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
- B Net Transmission Plant is that identified on Page 2 Line 14 of Attachment O and includes any sub lines 14a or 14b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in Line 1 and includes CWIP in rate base less any prefunded AFUDC, if applicable. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- D Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment O Page 3 Line 12.
- F True-Up Adjustment is included pursuant to a FERC approved methodology, if applicable.
- G The Targeted Market Efficiency Project Charge is the value to be used in Schedule 26-C.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 3 column 9.

Formula Rate calculation

Rate Formula Template
Utilizing Attachment O Data

Attachment GG - Generic
For the 12 months ended 12/31/22

Page 4 of 4

Northern Indiana Public Service Company LLC

Interregional Market Efficiency Project Charge Calculation By Project

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Line Efficiency No. Charge	Project Name	MTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	Interregional Market Project
			(Note C)	(Page 1 line 9)	(Col. 3 * Col. 4)	(Note D)	(Page 1 line 14)	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8 & 9)	(Note F)	Sum Col. 10 & 11 (Note G)
1a	MTEP19	18585	\$ 2,558,198	2.42%	\$ 61,937	\$ 2,418,330	7.39%	\$ 178,639	\$ 65,956	\$ 306,532	\$ -	\$ 306,532
2	Annual Totals									\$306,532	\$0	\$306,532

Note Letter

- A Gross Transmission Plant is that identified on Page 2 Line 2 of Attachment O and includes any sub lines 2a or 2b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
- B Net Transmission Plant is that identified on Page 2 Line 14 of Attachment O and includes any sub lines 14a or 14b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in Line 1 and includes CWIP in rate base less any prefunded AFUDC, if applicable. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- D Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment O Page 3 Line 12.
- F True-Up Adjustment is included pursuant to a FERC approved methodology, if applicable.
- G The Interregional Market Efficiency Project Charge is the value to be used in Schedule 26-E.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 4 column 9.

Attachment GG - Supporting Data for Network Upgrade Charge Calculation - Forward Looking Rate Transmission Owner

Rate Year 2022

Reporting Company Northern Indiana Public Service Company LLC

MTEP Project ID Pricing Zone	612 NIPS	1551 NIPS	1615 GIP	2322 NIPS	14267 NIPS	14264 NIPS	14266 NIPS	14268 NIPS	18585 NIPS	18484 NIPS
Allocation Type Per Attachment FF	Reliability	Reliability	GIP	Reliability	TMEP	TMEP	TMEP	TMEP	IMEP	GIP
Gross Plant Column (3)										
December 2021	\$5,766,738	\$4,410,237	\$ 771,335	\$9,263,742	52,297	6,827,856	6,168,989	7,474,130	-	-
January 2022	5,766,738	4,410,237	771,335	9,263,742	52,297	6,827,856	6,168,989	7,474,130	-	-
February	5,766,738	4,410,237	771,335	9,263,742	52,297	6,827,856	6,168,989	7,474,130	-	-
March	5,766,738	4,410,237	771,335	9,263,742	52,297	6,827,856	6,168,989	7,474,130	-	-
April	5,766,738	4,410,237	771,335	9,263,742	52,297	6,827,856	6,168,989	7,474,130	-	-
May	5,766,738	4,410,237	771,335	9,263,742	52,297	6,827,856	6,168,989	7,474,130	-	-
June	5,766,738	4,410,237	771,335	9,263,742	52,297	6,827,856	6,168,989	7,474,130	-	574,324
July	5,766,738	4,410,237	771,335	9,263,742	52,297	6,827,856	6,168,989	7,474,130	-	574,324
August	5,766,738	4,410,237	771,335	9,263,742	52,297	6,827,856	6,168,989	7,474,130	-	574,324
September	5,766,738	4,410,237	771,335	9,263,742	52,297	6,827,856	6,168,989	7,474,130	-	574,324
October	5,766,738	4,410,237	771,335	9,263,742	52,297	6,827,856	6,168,989	7,474,130	-	574,324
November	5,766,738	4,410,237	771,335	9,263,742	52,297	6,827,856	6,168,989	7,474,130	-	574,324
December 2022	5,766,738	4,410,237	771,335	9,263,742	52,297	6,827,856	6,168,989	7,474,130	33,256,579	574,324
13 Month Average	\$5,766,738	\$4,410,237	\$ 771,335	\$9,263,742	\$ 52,297	\$6,827,856	\$6,168,989	\$7,474,130	\$ 2,558,198	\$ 309,251

Accumulated Depreciation										
December 2021	\$1,986,385	\$1,655,652	\$ (814,610)	\$2,674,240	2,396	375,781	221,613	217,857	-	-
January 2022	1,999,588	1,667,030	(813,377)	2,695,470	2,516	391,429	233,437	230,123	-	-
February	2,012,792	1,678,408	(812,144)	2,716,700	2,636	407,076	245,260	242,388	-	-
March	2,025,996	1,689,786	(810,911)	2,737,930	2,756	422,723	257,085	254,654	-	-
April	2,039,199	1,701,164	(809,678)	2,759,159	2,876	438,370	268,908	266,920	-	-
May	2,052,403	1,712,541	(808,445)	2,780,389	2,995	454,017	280,732	279,185	-	-
June	2,065,607	1,723,919	(807,212)	2,801,619	3,115	469,664	292,556	291,451	-	-
July	2,078,810	1,735,297	(805,979)	2,822,849	3,235	485,312	304,380	303,717	-	1,316
August	2,092,014	1,746,675	(804,746)	2,844,079	3,355	500,959	316,204	315,982	-	2,632
September	2,105,218	1,758,053	(803,513)	2,865,309	3,475	516,606	328,028	328,248	-	3,948
October	2,118,421	1,769,431	(802,280)	2,886,539	3,595	532,253	339,852	340,514	-	5,265
November	2,131,625	1,780,809	(801,047)	2,907,769	3,715	547,900	351,676	352,779	-	6,581
December 2022	2,144,829	1,792,187	(799,814)	2,928,999	3,834	563,547	363,500	365,045	1,818,294	7,897
13 Month Average	\$2,065,607	\$1,723,919	\$ (807,212)	\$2,861,619	\$ 3,115	\$ 469,664	\$ 292,556	\$ 291,451	\$ 139,869	\$ 2,126

Net Plant Column (6)										
December 2021	\$3,780,353	\$2,754,585	\$1,585,945	\$6,589,502	\$ 49,901	\$6,452,075	\$5,947,376	\$7,256,273	\$ -	\$ -
January 2022	3,767,150	2,743,207	1,584,712	6,568,272	49,781	6,436,427	5,935,552	7,244,007	-	-
February	3,753,946	2,731,829	1,583,479	6,547,042	49,661	6,420,780	5,923,729	7,231,742	-	-
March	3,740,742	2,720,451	1,582,246	6,525,812	49,541	6,405,133	5,911,904	7,219,476	-	-
April	3,727,539	2,709,073	1,581,013	6,504,583	49,421	6,389,486	5,900,081	7,207,210	-	-
May	3,714,335	2,697,696	1,579,780	6,483,353	49,302	6,373,839	5,888,257	7,194,945	-	-
June	3,701,131	2,686,318	1,578,547	6,462,123	49,182	6,358,192	5,876,433	7,182,679	-	574,324
July	3,687,928	2,674,940	1,577,314	6,440,893	49,062	6,342,544	5,864,609	7,170,413	-	573,008
August	3,674,724	2,663,562	1,576,081	6,419,663	48,942	6,326,897	5,852,785	7,158,148	-	571,692
September	3,661,520	2,652,184	1,574,848	6,398,433	48,822	6,311,250	5,840,961	7,145,882	-	570,376
October	3,648,317	2,640,806	1,573,615	6,377,203	48,702	6,295,603	5,829,137	7,133,616	-	569,059
November	3,635,113	2,629,428	1,572,382	6,355,973	48,582	6,279,956	5,817,313	7,121,351	-	567,743
December 2022	3,621,909	2,618,050	1,571,149	6,334,743	48,463	6,264,309	5,805,489	7,109,085	31,438,285	566,427
13 Month Average	\$3,701,131	\$2,686,318	\$1,578,547	\$6,462,123	\$ 49,182	\$6,358,192	\$5,876,433	\$7,182,679	\$ 2,418,330	\$ 307,125

Depreciation Expense Column (9)										
Project Depreciation Expense	\$ 158,444	\$ 136,535	\$ 14,796	\$ 254,759	\$ 1,438	\$ 187,766	\$ 141,887	\$ 147,188	\$ 65,956	\$ 7,897
Project Amortization Expense										
Depreciation Expense Total	\$ 158,444	\$ 136,535	\$ 14,796	\$ 254,759	\$ 1,438	\$ 187,766	\$ 141,887	\$ 147,188	\$ 65,956	\$ 7,897

Attachment 16
SFC for January 1, 2022 to December 31, 2022

Attachment H-11A Summary

Page 1 of 1

For the 12 months ended 12/31/2022

Formula Rate - Non-Levelized		SFC Summary			
Line No.	(1)	(2)	(3)	(4)	(5)
					Total
1	Net Revenue Requirement with incentive projects - MP	Attachment H-11A, Page 1, Line 8, Col. 5			\$58,404,835
2	Net Revenue Requirement with incentive projects - PE	Attachment H-11A, Page 1, Line 8, Col. 5			\$51,499,963
3	Net Revenue Requirement with incentive projects - WPP	Attachment H-11A, Page 1, Line 8, Col. 5			\$51,102,052
4	TOTAL NET REVENUE REQUIREMENT				\$161,006,850
					Total
	DIVISOR				
5	1 Coincident Peak (CP) (MW)			(Note A)	8,865.0
6	Average 12 CPs (MW)			(Note B)	7,567.9
					Total
7	Annual Rate (\$/MW/Yr)	(line 4 / line 5)			18,162.00
					Total
					Peak Rate
8	Point-to-Point Rate (\$/MW/Year)	(line 4 / line 6)			21,274.97
9	Point-to-Point Rate (\$/MW/Month)	(line 8/12)			1,772.91
10	Point-to-Point Rate (\$/MW/Week)	(line 8/52)			409.13
11	Point-to-Point Rate (\$/MW/Day)	(line 10/5; line 10/7)			58.45
12	Point-to-Point Rate (\$/MWh)	(line 8/4,160; line 8/8,760)			2.43
					Total
					Off-Peak Rate
					Total

Notes

A As provided by PJM and in effect at the time of the annual rate calculations pursuant to Section 34.1 of the PJM OATT. Includes CP for the AP Zone.

B Peak as would be reported on page 401, column d of Form 1 at the time of the zonal peak for the twelve-month period ending October 31 of the calendar year used to calculate rates. The projection year will utilize the most recent preceding 12-month period at the time of the filing.

Attachment H-11A, Attachment 1 - Summary
Page 1 of 1
For the 12 months ended 12/31/2022

Schedule 1A Rate Calculation Summary

1	Transmission expenses included in OATT Ancillary Services (Attachment H-11A, Page 4, Line 7)	Total	2,521,042
2	<u>Revenue Credits for Sched 1A - Note A</u> Attachment 1, Line 2		0
3	Net Schedule 1A Expenses (Line 1 - Line 2) Attachment 1, Line 3		\$ 2,521,042.00
4	Annual MWh in AP Zone - Note B Attachment 1, Line 4		53,609,653
5	Schedule 1A rate \$/MWh (Line 3/ Line 4) Attachment 1, Line 5		\$ 0.0470

Note:

- A Revenues received pursuant to PJM Schedule 1A revenue allocation procedures for transmission service outside of AP Zone during the year used to calculate rates under Attachment H-11A
- B Load expressed in MWh consistent with load used for billing under Schedule 1A for the AP Zone. Data from RTO settlement systems for the calendar year prior to the rate year.

Transmission Enhancement Charge (TEC) Summary

(1)	(2)	(3)
Line No.	Project Name	RTEP Project Number
Net Revenue Requirement with True-up		
(Note A)		
1a	Replace Fort Martin 500 kV breaker 'FL-1' Terminate the Powell Mountain and Goff Run lines into the new Chloe substation and perform any associated relay upgrades or modifications required at Powell Mountain and Goff run to accommodate new substation	b0577
1b		b2609.5
1c	Reconductor Doubs - Dickerson and Doubs - Aqueduct - Dickerson 230 kV to 1200MVA	b0238
1d	Convert Doubs - Monocacy 138kV facilities to 230kV operation - Phase 2 of b0322	b0373
1e	Terminal Equipment upgrade at Doubs substation	b1507.2
1f	Mt Storm - Doubs transmission line rebuild in Maryland - Total line mileage for APS is 2.71 miles Reconductor 14.3 miles of 556 ACSR with 795 ACSR from Old Chapel to Millville 138 kV and upgrade line risers at Old Chapel 138 kV and Millville 138 kV and replace 1200 A wave trap at	b1507.3
1g	Millville 138 kV Carroll Substation: Replace the Germantown 138 kV wave trap, upgrade the bus conductor and adjust CT ratios.	b1835
1h		b2688.3
1i	Replace Meadow Brook 138kV breaker	b0347.17-b0347.32
1j	Replace the two Ringgold 230/138 kV transformers, substation, and reconductor	b2743.6, b2743.6.1, b2743.7
1k	Replace Ringgold Substation 138 kV breakers '138 BUS TIE' and 'RCM0' with 40 kA breakers Install a steel pole at the crossing of the Elrama to Woodville 138 kV line and the Peters to Bethel Park 138 kV line	b2743.8
1l		b1022.11
1m	Add static capacitors at South Fayette 138 kV Reconductor the Charleroi -Allenport 138KV Line with 954 ACSR Conductor, Replace Breaker	b1022.5
1n	Risers at Charleroi and Allenport Upgrade terminal equipment at Yukon to increase rating on Yukon to Charleroi #2 138 kV line (New Yukon to Route 51 #4 138 kV line)	b2965
1o		b3011.2
1p	Upgrade terminal equipment at Yukon to increase rating on Yukon to Route 51 #3 138 kV line Replace four Yukon 500/138 kV transformers with three transformers with higher rating and reconfigure 500 kV bus	b3011.5
1q		b3006

Note A

Net Revenue Requirement with True-up is sourced from Attachment 11, Col. 15. PJM to bill each project utilizing the respective Net revenue requirement with true-up on Col. 3

Attachment H-11A, Attachment 16 - Summary
Page 1 of 1
For the 12 months ended 12/31/2022

Abandoned Plant Summary

(1)

(2)

(3)

Line No.	Project Name (A)	RTEP Project Number	Revenue Requirement (A)
1.00			
1.01			
1.02			
1.03			
1.04			
1.05			
1.06			
1.07			
1.08			
1.09			
1.10			

Note A

(A) Revenue Requirement is sourced from Attachment 16 Col. R. PJM to bill each project utilizing the respective Revenue Requirement reflected on Col. 3

Attachment 17
PPL for June 1, 2021 to May 31, 2022

ATTACHMENT H-8G

PPL Electric Utilities Corporation

Formula Rate -- Appendix A

Notes

FERC Form 1 Page # or Instruction

2020 Data

Shaded cells are input cells

Allocators

1	Wages & Salary Allocation Factor			
	Transmission Wages Expense		p354.21.b	7,037,120
2	Total Wages Expense		p354.28.b	62,634,882
3	Less A&G Wages Expense		p354.27.b	1,073,678
4	Total Wages Less A&G Wages Expense		(Line 2 - Line 3)	61,561,204
5	Wages & Salary Allocator		(Line 1 / Line 4)	11.43%
	Plant Allocation Factors			
6	Electric Plant in Service		p207.104.g	13,864,789,646
7	Accumulated Depreciation (Total Electric Plant)	(Note J)	p219.29.c	3,020,554,941
8	Accumulated Amortization	(Note A)	p200.21.c	166,090,217
9	Total Accumulated Depreciation		(Line 7 + 8)	3,186,645,158
10	Net Plant		(Line 6 - Line 9)	10,678,144,488
11	Transmission Gross Plant (excluding Land Held for Future Use)		(Line 25 - Line 24)	6,884,918,806
12	Gross Plant Allocator		(Line 11 / Line 6)	49.6576%
13	Transmission Net Plant (excluding Land Held for Future Use)		(Line 33 - Line 24)	6,080,418,023
14	Net Plant Allocator		(Line 13 / Line 10)	56.9426%

Plant Calculations

	Plant In Service			
15	Transmission Plant In Service	(Note B)	p207.58.g	6,546,656,761
16	For Reconciliation only - remove New Transmission Plant Additions for Current Calendar Year	For Reconciliation Only	Attachment 6	
17	New Transmission Plant Additions for Current Calendar Year (weighted by months in service)	(Note B)	Attachment 6	212,938,018
18	Total Transmission Plant		(Line 15 - Line 16 + Line 17)	6,759,594,779
19	General		p207.99.g	826,890,979
20	Intangible		p205.5.g	269,452,129
21	Total General and Intangible Plant		(Line 19 + Line 20)	1,096,343,108
22	Wage & Salary Allocator		(Line 5)	11.4311%
23	Total General and Intangible Functionalized to Transmission		(Line 21 * Line 22)	125,324,027
24	Land Held for Future Use	(Note C) (Note P)	Attachment 5	20,948,172
25	Total Plant In Rate Base		(Line 18 + Line 23 + Line 24)	6,905,866,978
	Accumulated Depreciation			
26	Transmission Accumulated Depreciation	(Note J)	p219.25.c	744,631,364
27	Accumulated General Depreciation	(Note J)	p219.28.c	357,651,528
28	Accumulated Amortization		(Line 8)	166,090,217
29	Total Accumulated Depreciation		(Line 27 + 28)	523,741,745
30	Wage & Salary Allocator		(Line 5)	11.4311%
31	Subtotal General and Intangible Accum. Depreciation Allocated to Transmission		(Line 29 * Line 30)	59,869,419
32	Total Accumulated Depreciation		(Sum Lines 26 + 31)	804,500,783
33	Total Net Property, Plant & Equipment		(Line 25 - Line 32)	6,101,366,195

Adjustment To Rate Base

	Accumulated Deferred Income Taxes			
34	ADIT net of FASB 106 and 109		Attachment 1	-970,316,282
	CWIP for Incentive Transmission Projects			
35	CWIP Balances for Current Rate Year	(Note H)	Attachment 6	0
	Prepayments			
36	Prepayments	(Note A) (Note O)	Attachment 5	1,160,453
	Materials and Supplies			
37	Undistributed Stores Expense	(Note A)	p227.16.c	5,958,590
38	Wage & Salary Allocator		(Line 5)	11.4311%
39	Total Undistributed Stores Expense Allocated to Transmission		(Line 37 * Line 38)	681,132
40	Transmission Materials & Supplies		p227.8.c	21,789,262
41	Total Materials & Supplies Allocated to Transmission		(Line 39 + Line 40)	22,470,394
	Cash Working Capital			
42	Operation & Maintenance Expense		(Line 70)	65,472,142
43	1/8th Rule		1/8	12.5%
44	Total Cash Working Capital Allocated to Transmission		(Line 42 * Line 43)	8,184,018
45	Total Adjustment to Rate Base		(Lines 34 + 35 + 36 + 41 + 44)	-938,501,417
46	Rate Base		(Line 33 + Line 45)	5,162,864,778

Operations & Maintenance Expense

	Transmission O&M			
47	Transmission O&M		Attachment 5	256,297,898
48	Less Account 565		Attachment 5	211,318,384
49	Plus Charges billed to Transmission Owner and booked to Account 565	(Note N)	Attachment 5	0
50	Transmission O&M		(Lines 47 - 48 + 49)	44,979,514

Allocated Administrative & General Expenses				
51	Total A&G		323.197b	166,096,853
52	Less: Administrative & General Expenses on Securitization Bonds	(Note O)	Attachment 8	0
53	Plus: Fixed PBOP expense	(Note J)	Attachment 5	1,518,585
54	Less: Actual PBOP expense		Attachment 5	1,053,098
55	Less Property Insurance Account 924		p323.185.b	2,245,084
56	Less Regulatory Commission Exp Account 928	(Note E)	p323.189.b	8,488,766
57	Less General Advertising Exp Account 930.1		p323.191.b	17,089
58	Less EPRI Dues	(Note D)	p352 & 353	0
59	Administrative & General Expenses		Sum (Lines 51 + 53) - Line 52 - Sum (Lines 54 to 58)	155,811,401
60	Wage & Salary Allocator		(Line 5)	11,4311%
61	Administrative & General Expenses Allocated to Transmission		(Line 59 * Line 60)	17,810,950
Directly Assigned A&G				
62	Regulatory Commission Exp Account 928	(Note G)	Attachment 5	1,403,268
63	General Advertising Exp Account 930.1	(Note K)	Attachment 5	0
64	Subtotal - Accounts 928 and 930.1 - Transmission Related		(Line 62 + Line 63)	1,403,268
65	Property Insurance Account 924	(Note G)	Attachment 5	2,245,084
66	General Advertising Exp Account 930.1	(Note F)	Attachment 5	0
67	Total Accounts 924 and 930.1 - General		(Line 65 + Line 66)	2,245,084
68	Net Plant Allocator		(Line 14)	56,9426%
69	A&G Directly Assigned to Transmission		(Line 67 * Line 68)	1,278,410
70	Total Transmission O&M		(Lines 50 + 61 + 64 + 69)	65,472,142

Depreciation & Amortization Expense

Depreciation Expense				
71	Transmission Depreciation Expense Including Amortization of Limited Term Plant	(Note J)	Attachment 5	137,639,889
72	General Depreciation Expense Including Amortization of Limited Term Plant	(Note J)	Attachment 5	57,434,992
73	Intangible Amortization	(Note A)	p336.1.d&e	58,773,651
74	Total		(Line 72 + Line 73)	116,208,643
75	Wage & Salary Allocator		(Line 5)	11,4311%
76	General Depreciation & Intangible Amortization Allocated to Transmission		(Line 74 * Line 75)	13,283,921
77	Total Transmission Depreciation & Amortization		(Lines 71 + 76)	150,923,810

Taxes Other than Income Taxes

78	Taxes Other than Income Taxes		Attachment 2	4,143,635
79	Total Taxes Other than Income Taxes		(Line 78)	4,143,635

Return \ Capitalization Calculations

Long Term Interest				
80	Long Term Interest		p117.62.c through 66.c	176,448,519
81	Less LTD Interest on Securitization Bonds	(Note O)	Attachment 8	0
82	Long Term Interest		(Line 80 - Line 81)	176,448,519
83	Preferred Dividends	enter positive	p118.29.c	-
Common Stock				
84	Proprietary Capital		p112.16.c	5,124,163,586
85	Less Accumulated Other Comprehensive Income Account 219		p112.15.c	0
86	Less Preferred Stock		(Line 94)	0
87	Less Account 216.1		p112.12.c	56,954
88	Common Stock		(Line 84 - 85 - 86 - 87)	5,124,106,632
Capitalization				
89	Long Term Debt		p112.18.c, 19.c & 21.c	4,288,750,000
90	Less Loss on Reacquired Debt		p111.81.c	8,429,030
91	Plus Gain on Reacquired Debt		p113.61.c	0
92	Less LTD on Securitization Bonds	(Note O)	Attachment 8	0
93	Total Long Term Debt		(Line 89 - 90 + 91 - 92)	4,280,320,970
94	Preferred Stock		p112.3.c	0
95	Common Stock		(Line 88)	5,124,106,632
96	Total Capitalization		(Sum Lines 93 to 95)	9,404,427,602
97	Debt %	Total Long Term Debt	(Line 93 / Line 96)	45.5%
98	Preferred %	Preferred Stock	(Line 94 / Line 96)	0.0%
99	Common %	Common Stock	(Line 95 / Line 96)	54.5%
100	Debt Cost	Total Long Term Debt	(Line 82 / Line 93)	0.0412
101	Preferred Cost	Preferred Stock	(Line 83 / Line 94)	0
102	Common Cost	Common Stock	(Note J) Fixed	0.1040
103	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 97 * Line 100)	0.0188
104	Weighted Cost of Preferred	Preferred Stock	(Line 98 * Line 101)	0.0000
105	Weighted Cost of Common	Common Stock	(Line 99 * Line 102)	0.0567
106	Rate of Return on Rate Base (ROR)		(Sum Lines 103 to 105)	0.0754
107	Investment Return = Rate Base * Rate of Return		(Line 46 * Line 106)	389,423,710

Composite Income Taxes

Income Tax Rates				
108	FIT=Federal Income Tax Rate	(Note I)		21.00%
109	SIT=State Income Tax Rate or Composite			9.99%
110	p	(percent of federal income tax deductible for state purposes)	Per State Tax Code	0.00%
111	T	$T = 1 - \frac{((1 - SIT) * (1 - FIT))}{(1 - SIT * FIT * p)}$		28.89%
112	T / (1-T)			40.63%
ITC Adjustment				
113	Amortized Investment Tax Credit - Transmission Related		Attachment 5	(14,212)
114	ITC Adjust. Allocated to Trans. - Grossed Up	ITC Adjustment x 1 / (1-T)	Line 113 * (1 / (1 - Line 111))	(19,986)
Income Tax Adjustments				

114a	Other Income Tax Adjustments		(Note Q, Note R)	Attachment 5	(2,481,487)
114b	Other Income Tax Adjustments - Grossed Up	Other Income Tax Adjustment x 1 / (1-T)		Line 114a * (1 / (1 - Line 111))	(3,489,749)
115	Income Tax Component =	(T/1-T) * Investment Return * (1-(WCLTD/ROR)) =		[Line 112 * Line 107 * (1- (Line 103 / Line 106))]	118,869,692
116	Total Income Taxes			(Line 114 + Line 114b + Line 115)	115,359,957

Revenue Requirement

Summary					
117	Net Property, Plant & Equipment			(Line 33)	6,101,366,195
118	Total Adjustment to Rate Base			(Line 45)	-938,501,417
119	Rate Base			(Line 46)	5,162,864,778
120	Total Transmission O&M			(Line 70)	65,472,142
121	Total Transmission Depreciation & Amortization			(Line 77)	150,923,810
122	Taxes Other than Income			(Line 79)	4,143,635
123	Investment Return			(Line 107)	389,423,710
124	Income Taxes			(Line 116)	115,359,957

125	Gross Revenue Requirement			(Sum Lines 120 to 124)	725,323,255
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Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities

126	Transmission Plant In Service			(Line 15)	6,546,656,761
127	Excluded Transmission Facilities		(Note M)	Attachment 5	0
128	Included Transmission Facilities			(Line 126 - Line 127)	6,546,656,761
129	Inclusion Ratio			(Line 128 / Line 126)	100.00%
130	Gross Revenue Requirement			(Line 125)	725,323,255
131	Adjusted Gross Revenue Requirement			(Line 129 * Line 130)	725,323,255

Revenue Credits

132	Revenue Credits			Attachment 3	103,289,112
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133	Net Revenue Requirement			(Line 131 - Line 132)	622,034,142
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Net Plant Carrying Charge

134	Gross Revenue Requirement			(Line 130)	725,323,255
135	Net Transmission Plant			(Line 18 - Line 26 + Line 35)	6,014,963,415
136	Net Plant Carrying Charge			(Line 134 / Line 135)	12.0586%
137	Net Plant Carrying Charge without Depreciation			(Line 134 - Line 71) / Line 135	9.7704%
138	Net Plant Carrying Charge without Depreciation, Return, nor Income Taxes			(Line 134 - Line 71 - Line 107 - Line 116) / Line 135	1.3782%

Net Plant Carrying Charge Calculation per 100 Basis Point increase in ROE

139	Gross Revenue Requirement Less Return and Taxes			(Line 130 - Line 123 - Line 124)	220,539,588
140	Increased Return and Taxes			Attachment 4	544,343,886
141	Net Revenue Requirement per 100 Basis Point increase in ROE			(Line 139 + Line 140)	764,883,474
142	Net Transmission Plant			(Line 18 - Line 26 + Line 35)	6,014,963,415
143	Net Plant Carrying Charge per 100 Basis Point increase in ROE			(Line 141 / Line 142)	12.7163%
144	Net Plant Carrying Charge per 100 Basis Point in ROE without Depreciation			(Line 141 - Line 71) / Line 142	10.4281%

Net Revenue Requirement

145	True-up amount			(Line 133)	622,034,142
146	Facility Credits under Section 30.9 of the PJM OATT			Attachment 6	24,267,564
147	Net Zonal Revenue Requirement			Attachment 5	-
148				(Line 145 + 146 + 147)	646,301,707

Network Zonal Service Rate

149	1 CP Peak		(Note L)	PJM Data	7,260.0
150	Rate (\$/MW-Year)			(Line 148 / 149)	\$ 89.022

151	Network Service Rate (\$/MW/Year)			(Line 150)	\$ 89.022
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Notes

- A Electric portion only.
- B Line 16, for the Reconciliation, includes New Transmission Plant that actually was placed in service weighted by the number of months it actually was in service. Line 17 includes New Transmission Plant to be placed in service in the current calendar year.
- C Includes Transmission portion only.
- D Includes all EPRI Annual Membership Dues.
- E Includes all Regulatory Commission Expenses.
- F Includes Safety-related advertising included in Account 930.1.
- G Includes Regulatory Commission Expenses directly related to transmission service, RTO filings, or transmission siting itemized in Form 1 at page 351.h. Property Insurance excludes prior period adjustment in the first year of the formula's operation and reconciliation for the first year.
- H CWIP can be included only if authorized by the Commission.
- I 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. The calculation of the Reconciliation revenue requirement according to Step 7 of Attachment 6 ("Estimate and Reconciliation Worksheet") shall reflect the actual tax rates in effect for the Rate Year being reconciled ("Test Year"). When statutory marginal tax rates change during such Test Year, the effective tax rate used in the formula shall be weighted by the number of days each such rate was in effect. For example, a 35% rate in effect for 120 days superseded by a 40% rate in effect for the remainder of the year will be calculated as: $((.3500 \times 120) + (.4000 \times 245)) / 365 = .3836$.
- J ROE will be as follows: (i.) 10.40% for the period May 21, 2020 through May 31, 2022; (ii.) 10.45% for the period June 1, 2022 through May 31, 2023; (iii.) 10.50% on June 1, 2023 through May 31, 2023 and thereafter. No change in ROE will be made absent a filing at FERC. PBOP expense is fixed until changed as the result of a filing at FERC. Depreciation rates shown in Attachment 9 are fixed until changed as the result of a filing at FERC. Upon request, PPL Electric Utilities Corporation will provide workpapers at the annual update to reconcile formula depreciation expense and depreciation accruals to Form No. 1 amounts. As set forth in Attachment 5, added to the depreciation expense will be actual removal costs (net of salvage) amortized over five years.
- K Education and outreach expenses related to transmission (e.g., siting or billing).
- L As provided for in Section 34.1 of the PJM OATT, the PJM established billing determinants will not be revised or updated in the annual rate reconciliations.
- M Amount of transmission plant excluded from rates per Attachment 5.
- N Includes only charges incurred for system integration, such as those under the EHV Agreement, and transmission costs paid to others that benefit transmission customers.
- O Amounts associated with transition bonds issued to securitize the recovery of retail stranded costs are removed from account balances, pursuant to an Order

- entered by the Pennsylvania Public Utility Commission on May 21, 1999 at Docket No. R-00994637, in accordance with Pennsylvania's Electric Generation Customer Choice and Competition Act.
- P Any gain from the sale of land included in Land Held for Future Use in the Formula Rate received during the Rate Year shall be used to reduce the ATRR in the Rate Year. The Formula Rate shall not include any losses on sales of such land.
- Q Includes amounts associated with amortization of any deficient or excess deferred income taxes (resulting from changes in income tax laws, income tax rates, and other actions taken by a tax authority), and amounts associated with the tax effect of the AFUDC Equity permanent difference. See Attachment 5 for a detailed breakdown of these amounts.
- R The revisions to PPL Electric's Formula Rate to allow for the flow back of excess ADIT approved by the Commission in *PPL Electric Utilities Corporation*, 167 FERC ¶ 61,083 (2019), were applied effective January 1, 2018, and were included in true-up calculations for the period beginning January 1, 2018.

PPL Electric Utilities Corporation

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

Line No.		Transmission Related	Plant Related	Labor Related	Total Transmission ADIT	
1	ADIT-282	(1,079,170,640)	0	(49,023,294)		From Acct. 282 total, below
2	ADIT-283	0	(2,435,324)	7,047,383		From Acct. 283 total, below
3	ADIT-190	114,577,188	0	4,043,480		From Acct. 190 total, below
4	Subtotal	(964,593,452)	(2,435,324)	(37,932,431)		Sum lines 1 through 3
5	Wages & Salary Allocator			56.9426%		
6	Net Plant Allocator		(1,386,738)	(4,336,092)		
7	ADIT	(964,593,452)	(1,386,738)	(4,336,092)	(970,316,282)	Sum Cols. D, E, F: Enter as negative Appendix A, line 42.

In filling out this attachment, a full and complete description of each item and justification for the allocation to Columns B-F and each separate ADIT item will be listed. Dissimilar items with amounts exceeding \$100,000 will be listed separately.

Line No.	A Account 190	B Total	C Gas, Prod. Dist Or Other Related	D Transmission Related	E Plant Related	F Labor Related	G Justification
1	Accumulated Deferred Investment Tax Credits	76,908		61,740		15,168	Basis difference between book plant and tax plant basis related to investment tax credits on transmission and general property. Removed as a FAS109 item below.
2	Regulatory Liability - Income Taxes Related to ITC	31,249		25,086		6,163	Liability recorded for regulatory purposes related to accumulated deferred investment tax credit book/tax basis difference on transmission and general property. Removed as a FAS109 item below.
3	Regulatory Liability - Tax Gross-up Related to Plant net of NOLs	161,527,892	74,893,620	86,339,898		294,374	Deferred tax asset recorded for the income tax gross-up on the regulatory liability account 254 related to ASC 740 (FAS109) tax adjustments on plant related book and tax basis differences. The labor related balance reflects the amount allocated to Transmission using the wage and salary allocator. Removed as a FAS109 item below.
4	Contributions in Aid of Construction (Non-Tx)	96,521,179		96,622,281		(101,102)	Transmission related income that is taxable for tax return purposes, but recorded as a reduction to plant for book purposes.
5	Contributions in Aid of Construction (Tx-related)	24,403,528		24,403,528			Transmission related income that is taxable for tax return purposes, but recorded as a reduction to plant for book purposes.
6	FAS109 regulatory assets/liabilities related to deferred ADIT on plant and NOLs	(87,820,007)	(43,468,903)	(44,351,104)			ASC740 (FAS109) adjustment to adjust deferred tax assets for the differences in regulatory versus GAAP treatment of ADIT on plant related book and tax differences with an offset to regulatory liability account 254. Removed as a FAS109 item below.
7	Pensions and Post-Retirement	23,714,155					Expense and equity/FAS158 adjustments for book purposes not deductible for tax purposes
8	FAS158 Regulatory Liability	83,825,248					Liability recorded for regulatory purposes for FAS 158 pension and post-retirement costs
9	Bad Debts	12,538,864		12,538,864			Retail related book expense not deductible for tax return purposes
10	Employee FICA Deferral	1,756,357				1,756,357	Book expense not deductible for tax return purposes
11	Vacation Pay	1,952,935				1,952,935	Book expense not deductible for tax return purposes - labor related to all functions
12	Deferred Compensation	435,290				435,290	Book expense not deductible for tax return purposes - labor related to all functions
13	Taxes Other Than Income Taxes	253,524		253,524			Book expense not deductible for tax return purposes - retail related gross receipts and sales & use taxes
14	Obsolete Inventory	887,053					Distribution related book expense not deductible for tax return purposes
15	Environmental Liability	2,865,304		2,865,304			Distribution related book expense for manufactured gas plants not deductible for tax return purposes
16	Post Employment Liabilities	1,391,237		1,391,237			Book expense not deductible for tax return purposes
17	Tax Credits Carryforward	5,085,889		3,751,708	1,334,181		Tax credits carryforward to a future period
18	Universal Service Rate overcollection	6,044,054		6,044,054			Distribution related expense deferred for book purposes and deducted for tax purposes.
19	Generation Service Charge overcollection	6,144,509		6,144,509			Distribution related expense deferred for book purposes and deducted for tax purposes.
20	Distribution TCJA Overcollection	3,290,405		3,290,405			Distribution related income that is taxable for tax return purposes, but deferred for book purposes.
21	Storm Damage overcollection	1,774,230		1,774,230			Distribution related expense deferred for book purposes and deducted for tax purposes.
22	Book Contingencies	974,918		974,918			Distribution related book expense not deductible for tax return purposes
23	Charitable Contributions	53,913		53,913			Distribution related tax deduction carryforward to a future period.
24	Federal NOL Carryforward	52,079,111		378,875	51,704,236		Federal net operating loss carryforward
25	2017 Rate Change on NOL deferred taxes assets	57,889,529	20,754,286	37,135,243			Presentation adjustment to reverse the impact of the 2016 federal income tax rate change from 35% to 21% to reflect NOL deferred tax assets at the funded amount prior to the rate change. The related FAS109 deferred tax adjustment is recorded in Account 190.
26	Conservation Program overcollection	2,036,798		2,036,798			Distribution related expense deferred for book purposes and deducted for tax purposes.
27	Transmission Service Charge overcollection	335,398		335,398			Distribution related expense deferred for book purposes and deducted for tax purposes.
28	Subtotal - p27	461,469,447	300,457,447	156,652,808	0	4,359,185	
29	Less FASB 109 Above if not separately removed	73,816,042	31,424,717	42,075,620	0	315,705	
30	Less FASB 106 Above if not separately removed	24,338,441	24,338,441				
31	Total	363,314,957	244,694,289	114,577,188	0	4,043,480	

Instructions for Account 190:
 1. ADIT items related only to Non-Electric Operations (e.g. Gas, Water, Sewer) or Production are directly assigned to Column C
 2. ADIT items related only to Transmission are directly assigned to Column D
 3. ADIT items related to Plant and not in Columns C & D are included in Column E
 4. ADIT items related to labor and not in Columns C & D are included in Column F
 5. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.

PPL Electric Utilities Corporation

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

Line No.	A Account 282	B Total	C Gas, Prod. Dist Or Other Related	D Transmission Related	E Plant Related	F Labor Related	G Justification
1	ACRS/MACRS Property (Non-Transmission)	(815,481,247)		(815,481,247)			Deductions for distribution related tax depreciation in excess of book depreciation at federal rate
2	ACRS/MACRS Property (General Plant)	(50,445,034)				(50,445,034)	Deductions for general plant related tax depreciation in excess of book depreciation at applicable federal and state rates
3	ACRS/MACRS Property (Transmission)	(1,016,935,385)		(1,016,935,385)			Deductions for transmission related methodite, book and tax recovery differences on pre-ACRS/MACRS property, ACRS/MACRS property and unamortized net negative salvage at federal and state rates.
4	FAS109 regulatory assets/liabilities related to excess ADIT on plant	717,878,319	406,792,427	309,394,614		1,691,278	ASC740 (FAS109) adjustment to adjust deferred tax liabilities for income tax rate changes on plant related book and tax differences with an offset to regulatory liability account 254. The labor related balance reflects the amount allocated to Transmission using the wage and salary allocator. Removed as a FAS109 item below.
5	FAS109 regulatory assets/liabilities related to plant	(232,513,336)	(178,998,810)	(52,547,747)		(966,779)	ASC740 (FAS109) adjustment to adjust deferred tax liabilities for the differences in regulatory versus GAAP treatment of ADIT on plant related book and tax differences with an offset to regulatory liability account 254. The labor related balance reflects the amount allocated to Transmission using the wage and salary allocator. Removed as a FAS109 item below.
6	Basis adjustments between book and tax plant (Non-Tx)	(376,859,670)					Basis difference between Distribution related book plant and tax plant basis at federal & state rates
7	Basis adjustments between book and tax plant (General Plant)	1,421,740					Basis difference between book plant and tax plant basis at federal & state rates
8	Basis adjustments between book and tax plant (Transrelated)	(62,235,275)					Basis difference between Transmission related plant and tax plant basis at federal & state rates
9	Non-Utility Property	18,661		18,661			Difference between net book plant and net tax plant resulting from deductions for non-utility related tax
10	Subtotal - p27	(1,835,151,197)	(964,529,619)	(822,323,773)		(48,298,795)	
11	Less FASB 109 Above if not separately removed	485,364,983	227,793,617	256,846,867		724,499	
12	Total	(2,320,516,170)	(1,192,322,236)	(1,079,170,640)		(49,023,294)	

Instructions for Account 282:
 1. ADIT items related only to Non-Electric Operations (e.g. Gas, Water, Sewer) or Production are directly assigned to Column C
 2. ADIT items related only to Transmission are directly assigned to Column D
 3. ADIT items related to Plant and not in Columns C & D are included in Column E
 4. ADIT items related to labor and not in Columns C & D are included in Column F
 5. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.

PPL Electric Utilities Corporation

Table 3: ADIT-283

Line No.	A Account 283	B Total	C Gas, Prod. Dist Or Other Related	D Transmission Related	E Plant Related	F Labor Related	G Justification
1	Reacquired debt costs	(2,435,324)				(2,435,324)	Plant related expense deferred for book purposes and deducted for tax purposes
2	Pension and post-retirement	(90,415,147)					Expense and equity/FAS158 adjustments for book purposes not deductible for tax purposes
3	FAS158 Regulatory Asset	(83,825,249)					Asset recorded for regulatory purposes for FAS 158 pension and post-retirement costs
4	Storms Deferrals	(2,090,837)		(2,090,837)			Distribution related expense deferred for book purposes and deducted for tax purposes
5	Cleaning accounts	(733,066)				(733,066)	Expense deferred for book purposes and deducted for tax purposes
6	Prepaid Insurance	(526,375)				(526,462)	Distribution related expense deferred for book purposes and deducted for tax purposes
7	IRC Section 481(a) Non-Plant Adjustment	(3,996,963)		(3,996,963)			Distribution related expense deferred for book purposes and deducted for tax purposes
8	Smart Meter Technology undercollection	(19,904)		(19,904)			Distribution related expense deferred for book purposes and deducted for tax purposes
9	Service Company Labor Related Costs	8,306,911				8,306,911	Distribution related expense deferred for book purposes and deducted for tax purposes
10	Service Company Other Related Costs	(8,445,543)		(8,445,543)			Distribution related expense deferred for book purposes and deducted for tax purposes
11	Subtotal - p27	(185,104,960)		(189,717,016)		(2,435,324)	
12	Less FASB 109 Above if not separately removed	-		-		-	
13	Less FASB 106 Above if not separately removed	-		-		-	
14	Total	(185,104,960)		(189,717,016)		(2,435,324)	

Instructions for Account 283:
 1. ADIT items related only to Non-Electric Operations (e.g. Gas, Water, Sewer) or Production are directly assigned to Column C
 2. ADIT items related only to Transmission are directly assigned to Column D
 3. ADIT items related to Plant and not in Columns C & D are included in Column E
 4. ADIT items related to labor and not in Columns C & D are included in Column F
 5. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates, therefore if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.

PPL Electric Utilities Corporation

Attachment 1 - Accumulated Deferred Income Taxes (ADIT) Worksheet

Table 4: ADIT Related Regulatory Asset - Account 182.3		B	C	D	E	F	G
		Total	Gas, Prod, Dist Or Other Related	Transmission Related	Plant Related	Labor Related	Justification
Line No.	End of Year Sub-Totals						
1	Protected Plant Deficient(Excess) ADIT	-	-	-	-	-	Unamortized balance to be amortized over the book life of plant using ARAM.
2	Protected Plant Related Deficient(Excess) NOL ADIT	-	-	-	-	-	Unamortized balance to be amortized using the percentage of excess protected plant ADIT amortization over the total original protected excess plant ADIT balance.
3	Unprotected Plant Deficient(Excess) ADIT	-	-	-	-	-	Unamortized balance to be amortized over the book life of plant using ARAM.
4	Total Unamortized Net Deficient(Excess) Plant ADIT	-	-	-	-	-	Sum of Lines 1-3
5	AFUDC Equity Incurred Net of Depreciation	-	-	-	-	-	
6	Unamortized Transmission Monthly Deferred Tax Adjustment Change	-	-	-	-	-	
7	Other Flow-Through Activity	-	-	-	-	-	Primarily related to state tax on method/life book and tax temporary differences, cost of removal and salvage on distribution assets.
8	Plant ADIT Related Regulatory Asset excluding Gross-up	-	-	-	-	-	Sum of Lines 4-7
9	Gross-up of Line 8	-	-	-	-	-	
10	Total Plant ADIT Related Regulatory Asset (Account 182.3)	-	-	-	-	-	Total equals sum of Lines 8-9 and ties to FERC Form 1 Page 232, Column 1, Line x
11	Unprotected Nonplant Excess ADIT excluding Gross-up	-	-	-	-	-	
12	Gross-up of Line 11	-	-	-	-	-	
13	Total Unprotected Nonplant ADIT Related Regulatory Asset	-	-	-	-	-	Total equals sum of Lines 11-12 and ties to FERC Form 1 Page 232, Column 1, Line x
14	FAS109 Deferred Tax Liability (Account 282)	-	-	-	-	-	
15	FAS109 Deferred Tax Liability (Account 283)	-	-	-	-	-	
16	Regulatory Asset Balances and FAS109 ADIT Balances in Tables 1-3	-	-	-	-	-	Sum of Lines 10 and 13-15
Beginning of Year Sub-Totals							
17	Protected Plant Deficient(Excess) ADIT	-	-	-	-	-	Unamortized balance to be amortized over the book life of plant using ARAM.
18	Protected Plant Related Deficient(Excess) NOL ADIT	-	-	-	-	-	Unamortized balance to be amortized using the percentage of excess protected plant ADIT amortization over the total original protected excess plant ADIT balance.
19	Unprotected Plant Deficient(Excess) ADIT	-	-	-	-	-	Unamortized balance to be amortized over the book life of plant using ARAM.
20	Total Unamortized Net Deficient(Excess) Plant ADIT	-	-	-	-	-	Sum of Lines 17-19
21	AFUDC Equity Incurred Net of Depreciation	-	-	-	-	-	
22	Unamortized Transmission Monthly Deferred Tax Adjustment Change	-	-	-	-	-	
23	Other Flow-Through Activity	-	-	-	-	-	Primarily related to state tax on method/life book and tax temporary differences, cost of removal and salvage on distribution assets.
24	Plant ADIT Related Regulatory Asset excluding Gross-up	-	-	-	-	-	Sum of Lines 20-23
25	Gross-up of Line 24	-	-	-	-	-	
26	Total Plant ADIT Related Regulatory Asset (Account 182.3)	-	-	-	-	-	Total equals sum of Lines 24-25 and ties to FERC Form 1 Page 232, Column b, Line x
27	Unprotected Nonplant Excess ADIT excluding Gross-up	-	-	-	-	-	
28	Gross-up of Line 27	-	-	-	-	-	
29	Total Unprotected Nonplant ADIT Related Regulatory Asset	-	-	-	-	-	Total equals sum of Lines 27-28 and ties to FERC Form 1 Page 232, Column b, Line x
30	FAS109 Deferred Tax Liability (Account 282)	-	-	-	-	-	
31	FAS109 Deferred Tax Liability (Account 283)	-	-	-	-	-	
32	Regulatory Asset Balances and FAS109 ADIT Balances in Tables 1-3	-	-	-	-	-	Sum of Lines 26 and 29-31
Current Year Activity (End of Year Less Beginning of Year Sub-Totals)							
33	Amortization of Protected Plant (Deficient) Excess ADIT	-	-	-	-	-	Amortized over the book life of plant using ARAM.
34	Amortization of Protected Plant Related (Deficient) Excess NOL ADIT	-	-	-	-	-	Amortized using the percentage of excess protected plant ADIT amortization over the total original protected excess plant ADIT balance.
35	Amortization of Unprotected Plant (Deficient) Excess ADIT	-	-	-	-	-	Amortized over the book life of plant using ARAM.
36	Total Amortization of Net (Deficient) Excess Plant ADIT	-	-	-	-	-	Total amortized equals sum of Lines 33-35 and is recorded to Accounts 410.1 and 411.1
37	AFUDC Equity Incurred Net of Depreciation	-	-	-	-	-	
38	Amortization of Transmission Monthly Deferred Tax Adjustment Change	-	-	-	-	-	
39	Other Flow-Through Activity	-	-	-	-	-	Primarily related to state tax on method/life book and tax temporary differences, cost of removal and salvage on distribution assets.
40	Total ADIT activity excluding Gross-up	-	-	-	-	-	Sum of Lines 36-39
41	Gross-up of Line 40	-	-	-	-	-	
42	Change in Plant ADIT Related Regulatory Asset (Account 182.3)	-	-	-	-	-	Total equals sum of Lines 40-41 and ties to FERC Form 1 Page 232, Columns c + e, Line x
43	Amortization of Unprotected Nonplant (Deficient) Excess ADIT in a Regulatory Asset	-	-	-	-	-	
44	Gross-up of Line 43	-	-	-	-	-	
45	Change in Unprotected Nonplant ADIT Related Regulatory Asset	-	-	-	-	-	Total equals sum of Lines 43-44 and ties to FERC Form 1 Page 232, Columns c + e, Line x
46	Change in FAS109 Deferred Tax Liability (Account 282)	-	-	-	-	-	
47	Change in FAS109 Deferred Tax Liability (Account 283)	-	-	-	-	-	
48	Change in Regulatory Asset Balances and FAS109 ADIT Balances	-	-	-	-	-	Sum of Lines 42 and 45-47

Instructions for Account 182:

- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. If the item giving rise to the ADIT is not included in the formula, the associated ADIT amount likewise shall not be included. Regulatory assets reflect the excluded ADIT balances that represent amounts to be collected by customers through future rates.
- Excess and deficient ADIT are computed in any year where the applicable federal, state, or local income rates are changed. The detailed ADIT balances in Tables 1-3 in this Attachment that impact rate base are remeasured using the new tax rates and the change in ADIT balance is recorded to a regulatory asset or regulatory liability with an offsetting ADIT FAS109 adjustment. Amortization periods for protected and unprotected ADIT balances will be identified in the Justification filed in Column G.
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C.
- ADIT items related only to Transmission are directly assigned to Column D.
- ADIT items related to Plant and not in Columns C & D are included in Column E.
- ADIT items related to labor and not in Columns C & D are included in Column F.

Table 5: ADIT Related Regulatory Liability - Account 254		B	C	D	E	F	G
		Total	Gas, Prod, Dist Or Other Related	Transmission Related	Plant Related	Labor Related	Justification
Line No.	End of Year Sub-Totals						
1	Protected Plant Deficient(Excess) ADIT	(616,274,128)	(326,533,247)	(288,069,547)	-	(1,671,334)	Unamortized balance to be amortized over the book life of plant using ARAM.
2	Protected Plant Related Deficient(Excess) NOL ADIT	57,889,529	20,754,286	37,135,243	-	-	Unamortized balance to be amortized using the percentage of excess protected plant ADIT amortization over the total original protected excess plant ADIT balance.
3	Unprotected Plant Deficient(Excess) ADIT	(71,673,711)	(57,544,561)	(14,109,208)	-	(19,942)	Unamortized balance to be amortized over the book life of plant using ARAM.
4	Total Unamortized Net Deficient(Excess) Plant ADIT	(630,058,310)	(363,323,522)	(265,043,512)	-	(1,691,276)	Sum of Lines 1-3. Sum of amounts in Columns D and F equal "Total Net Excess Deferred Taxes" summarized on Exhibit B and detailed on Exhibit D of Exhibit 6 for the ending period.
5	AFUDC Equity Incurred Net of Depreciation	40,121,193	9,935,676	30,045,258	-	135,259	
6	Unamortized Transmission Monthly Deferred Tax Adjustment Change	23,329,499	-	22,498,491	-	830,518	
7	Other Flow-Through Activity	169,063,132	169,063,132	-	-	-	Primarily related to state tax on method/life book and tax temporary differences, cost of removal and salvage on distribution assets.
8	Plant ADIT Related Regulatory Liability excluding Gross-up	(397,544,976)	(184,324,714)	(212,456,763)	-	(724,499)	Sum of Lines 4-7
9	Gross-up of Line 8	(161,527,892)	(74,893,620)	(86,339,898)	-	(294,374)	Gross-up recorded to ADIT Account 190
10	Total Plant ADIT Related Regulatory Liability (Account 254)	(559,072,868)	(259,218,334)	(298,835,661)	-	(1,018,873)	Total equals sum of Lines 8-9 and ties to FERC Form 1 page 278, Column 1, Line 6
11	Unprotected Nonplant Excess ADIT excluding Gross-up	-	-	-	-	-	
12	Gross-up of Line 11	-	-	-	-	-	Gross-up recorded to ADIT Account 190
13	Total Unprotected Nonplant ADIT Related Regulatory Liability	-	-	-	-	-	
14	FAS109 Deferred Tax Asset (Account 190)	73,707,895	31,424,717	41,988,794	-	294,374	Sum of Lines 3 and 6 on Table 1 ties to sum of FERC Form 1 page 234, Line 6 and page 450.1 (Page 234) ASC740 adjustment for plant related items.
15	FAS109 Deferred Tax Liability (Account 282)	485,364,983	227,793,617	256,846,867	-	724,499	Sum of Lines 4 and 5 on Table 2 ties to FERC Form 1 page 450.1 (Page 274), ASC740 Deferred Tax Balance.
16	Regulatory Liability Balances and FAS109 ADIT Balances in Tables 1-3	-	-	-	-	-	Sum of Lines 10 and 13-15
Beginning of Year Sub-Totals							
17	Protected Plant Deficient(Excess) ADIT	(627,500,060)	(336,685,713)	(288,528,079)	-	(2,286,268)	Unamortized balance to be amortized over the book life of plant using ARAM.
18	Protected Plant Related Deficient(Excess) NOL ADIT	59,106,538	21,460,622	37,349,959	-	295,957	Unamortized balance to be amortized using the percentage of excess protected plant ADIT amortization over the total original protected excess plant ADIT balance.
19	Unprotected Plant Deficient(Excess) ADIT	(77,230,073)	(60,296,485)	(16,931,344)	-	(62,234)	Unamortized balance to be amortized over the book life of plant using ARAM.
20	Total Unamortized Net Deficient(Excess) Plant ADIT	(645,623,595)	(375,511,576)	(268,109,464)	-	(2,032,545)	Sum of Lines 17-19. Sum of amounts in Columns D and F equal "Total Net Excess Deferred Taxes" summarized on Exhibit B and detailed on Exhibits C and D of Exhibit 6 for the beginning period.
21	AFUDC Equity Incurred Net of Depreciation	35,424,211	8,743,401	26,545,602	-	135,208	
22	Unamortized Transmission Monthly Deferred Tax Adjustment Change	24,246,751	-	23,385,563	-	863,188	
23	Other Flow-Through Activity	167,693,355	167,693,355	-	-	-	Primarily related to state tax on method/life book and tax temporary differences, cost of removal and salvage on distribution assets.
24	Plant ADIT Related Regulatory Liability excluding Gross-up	(419,259,278)	(199,044,830)	(218,180,299)	-	(1,034,149)	Sum of Lines 20-23
25	Gross-up of Line 24	(169,945,392)	(80,378,692)	(89,669,691)	-	(420,189)	Gross-up recorded to ADIT Account 190
26	Total Plant ADIT Related Regulatory Liability (Account 254)	(589,204,670)	(279,913,432)	(308,829,990)	-	(1,454,338)	Total equals sum of Lines 24-25 and ties to FERC Form 1 page 278, Column b, Line 6
27	Unprotected Nonplant Excess ADIT excluding Gross-up	-	-	-	-	-	
28	Gross-up of Line 27	-	-	-	-	-	Gross-up recorded to ADIT Account 190
29	Total Unprotected Nonplant ADIT Related Regulatory Liability	-	-	-	-	-	
30	FAS109 Deferred Tax Asset (Account 190)	79,400,803	35,362,509	43,914,062	-	124,232	Refer to 2020 Formula Rate Update, Attachment 1, Account 190, lines "Regulatory Liability - Tax Gross-up Related to Plant Net of NOLs" and "FAS109 regulatory assets/liabilities related to deficient ADIT on plant and NOLs". The total balance should reflect the sum of the amounts in FERC Form 1 page 234, Line 6 and page 450.1 (Page 234), line item "ASC740 adjustment for plant related items".
31	FAS109 Deferred Tax Liability (Account 282)	508,802,867	244,556,923	262,915,838	-	1,330,106	Refer to 2020 Formula Rate Update, Attachment 1, Account 282, FAS109 Sub-total to FERC Form 1 page 450.1 (Page 274), ASC740 Deferred Tax Balance.
32	Regulatory Liability Balances and FAS109 ADIT Balances in Tables 1-3	-	-	-	-	-	Sum of Lines 26 and 29-31
Current Year Activity (End of Year Less Beginning of Year Sub-Totals)							
33	Amortization of Protected Plant (Deficient) Excess ADIT	11,225,932	10,152,466	458,532	-	614,934	Amortized over the book life of plant using ARAM.
34	Amortization of Protected Plant Related (Deficient) Excess NOL ADIT	(1,217,009)	(706,336)	(214,716)	-	(295,957)	Amortized using the percentage of excess protected plant ADIT amortization over the total original protected excess plant ADIT balance.
35	Amortization of Unprotected Plant (Deficient) Excess ADIT	5,556,362	2,711,934	2,822,136	-	22,292	Amortized over the book life of plant using ARAM.
36	Total Amortization of Net (Deficient) Excess Plant ADIT	15,565,285	12,158,064	3,065,952	-	341,269	Total amortization equals sum of Lines 33-35 and is recorded to Accounts 410.1 and 411.1. Sum of amounts in Columns D and F equal "Excess Deferred Income Taxes to be Flowed Back to Transmission Customers" prior to tax gross-up, which is summarized on Exhibits A and B of Exhibit 6 and detailed on Exhibit D of Exhibit 6.
37	AFUDC Equity Incurred Net of Depreciation	4,696,982	1,192,275	3,503,666	-	1,061	
38	Amortization of Transmission Monthly Deferred Tax Adjustment Change	(917,742)	-	(885,072)	-	(32,670)	
39	Other Flow-Through Activity	1,369,777	1,369,777	-	-	-	Primarily related to state tax on method/life book and tax temporary differences, cost of removal and salvage on distribution assets.
40	Total ADIT activity excluding Gross-up	20,714,302	14,720,116	5,684,536	-	309,650	Total activity equals sum of Lines 36-39 and is recorded to Accounts 410.1 and 411.1
41	Gross-up of Line 40	(4,415,530)	(2,380,892)	(2,034,638)	-	(125,815)	Gross-up recorded to ADIT Account 190
42	Change in Plant ADIT Related Regulatory Liability (Account 254)	29,130,802	20,701,098	7,994,239	-	435,465	Total equals sum of Lines 40-41 and ties to FERC Form 1 Page 278, Columns d + e, Line 6
43	Amortization of Unprotected Nonplant (Deficient) Excess ADIT in a Regulatory Liability	-	-	-	-	-	
44	Gross-up of Line 43	-	-	-	-	-	Gross-up recorded to ADIT Account 190
45	Change in Unprotected Nonplant ADIT Related Regulatory Liability	-	-	-	-	-	
46	Change in FAS109 Deferred Tax Asset (Account 190)	(6,692,918)	(3,937,792)	(1,925,268)	-	170,142	
47	Change in FAS109 Deferred Tax Liability (Account 282)	(23,437,884)	(16,763,306)	(6,068,971)	-	(605,607)	
48	Change in Regulatory Liability Balances and FAS109 ADIT Balances	-	-	-	-	-	Sum of Lines 42 and 45-47

Instructions for Account 254:

- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. If the item giving rise to the ADIT is not included in the formula, the associated ADIT amount likewise shall not be included. Regulatory liabilities reflect the excluded ADIT balances that represent amounts to be refunded to customers through future rates.
- Excess and deficient ADIT are computed in any year where the applicable federal, state, or local income rates are changed. The detailed ADIT balances in Tables 1-3 in this Attachment that impact rate base are remeasured using the new tax rates and the change in ADIT balance is recorded to a regulatory asset or regulatory liability with an offsetting ADIT FAS109 adjustment. Amortization periods for protected and unprotected ADIT balances will be identified in the Justification filed in Column G.

3. ADIT Items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column C
4. ADIT Items related only to Transmission are directly assigned to Column D
5. ADIT Items related to Plant and not in Columns C & D are included in Column E
6. ADIT Items related to labor and not in Columns C & D are included in Column F

PPL Electric Utilities Corporation

Attachment 2 - Taxes Other Than Income Worksheet

Other Taxes	Page 263 Col (i)	Allocator	Allocated Amount
Plant Related			
Net Plant Allocator			
1 Real Property (State, Municipal or Local)	3,701,112		
2 PURTA	2,594,988		
3			
4			
5			
6			
7			
8 Total Plant Related	<u>6,296,100</u>	56.9426%	<u>3,585,166</u>
Labor Related			
Wages & Salary Allocator			
9 Federal FICA	4,656,899		
10 Federal Unemployment	25,667		
11 State Unemployment	202,839		
12			
13			
14 Total Labor Related	<u>4,885,405</u>	11.4311%	<u>558,455</u>
Other Included			
Net Plant Allocator			
15 PA Capital Stock Tax	0		
16 Tax on Insurance Premiums	0		
17 Local Business License Tax	25		
18			
19 Total Other Included	<u>25</u>	56.9426%	<u>14</u>
20 Total Included (Lines 8 + 14 + 19)	11,181,530		4,143,635
Currently Excluded			
21 Gross Receipts	100,133,564		
22 Sales and Use	98,305		
23 Indirect Tax	0		
24			
25			
26			
27			
28 Subtotal, Excluded	<u>100,231,869</u>		
29 Total, Included and Excluded (Line 20 + Line 28)	111,413,399		
30 Total Other Taxes from p114.14.c less Tax on Securitization Bonds	<u>111,413,399</u>		
31 Difference (Line 29 - Line 30)	-		

Criteria for Allocation:

- A Other taxes that are incurred through ownership of plant, including transmission plant, will be allocated based on the Net Plant Allocator. If the taxes are 100% recovered at retail, they shall not be included.
- B Other taxes that are incurred through ownership of only general or intangible plant will be allocated based on the Wages and Salary Allocator. If the taxes are 100% recovered at retail, they shall not be included.
- C Other taxes that are assessed based on labor will be allocated based on the Wages and Salary Allocator.
- D Other taxes, except as provided for in A, B and C above, which are incurred and (1) are not fully recovered at retail or (2) are directly or indirectly related to transmission service, will be allocated based on the Net Plant Allocator; provided, however, that overheads shall be treated, as described in footnote B above.
- E Excludes prior period adjustments in the first year of the formula's operation and reconciliation for the first year.

PPL Electric Utilities Corporation

Attachment 3 - Revenue Credit Worksheet

Account 454 - Rent from Electric Property		
1	Rent from Electric Property - Transmission Related	5,726,641
Account 456 - Other Electric Revenues (Note 1)		
2	Transmission for Others (Note 3)	-
3	Schedule 12 Revenues (Note 3)	86,527,673
4	Schedule 1A	2,636,369
5	Net revenues associated with Network Integration Transmission Service (NITS) for which the load is not included in the divisor (Note 3)	-
6	Point-to-Point Service revenues for which the load is not included in the divisor received by Transmission Owner (e.g. Schedule 8)	7,465,231
7	Professional Services provided to others	614,058
8	Facilities Charges including Interconnection Agreements (Note 2)	319,140
9	Gross Revenue Credits	(Sum Lines 1-10) <u>103,289,112</u>
10	Amount offset from Note 3 below	-
11	<p>Note 1: All revenues related to transmission that are received as a transmission owner (i.e., not received as a LSE), for which the cost of the service is recovered under this formula, except as specifically provided for elsewhere in this Attachment or elsewhere in the formula, will be included as a revenue credit or included in the peak on line 150 of Appendix A.</p>	
12	<p>Note 2: If the costs associated with the Directly Assigned Transmission Facility Charges are included in the Rates, the associated revenues are included in the Rates. If the costs associated with the Directly Assigned Transmission Facility Charges are not included in the Rates, the associated revenues are not included in the Rates.</p>	
13	<p>Note 3: If the facilities associated with the revenues are not included in the formula, the revenue is shown here, but not included in the total above and explained in the Cost Support, e.g., revenues associated with distribution facilities. In addition, Revenues from Schedule 12 are not included in the total above to the extent they are credited directly by PJM to zonal customers.</p>	

PPL Electric Utilities Corporation

Exhibit 1
Page 10 of 18

Attachment 4 - Calculation of 100 Basis Point Increase in ROE

A	Return and Taxes with 100 Basis Point increase in ROE 100 Basis Point increase in ROE and Income Taxes		Line 29 + Line 39 from below	544,343,886.24
B	100 Basis Point increase in ROE			1.00%
Return Calculation				
			Appendix A Line or Source Reference	
1	Rate Base		(Attachment A Line 46)	5,162,864,778
	Long Term Interest			
2	Long Term Interest		(Attachment A Line 80)	176,448,519
3	Less LTD Interest on Securitization Bonds		Attachment 8	-
4	Long Term Interest		(Line 2 - Line 3)	176,448,519
5	Preferred Dividends	enter positive	p118.29.c	0
	Common Stock			
6	Proprietary Capital		p112.16.c	5,124,163,586
7	Less Accumulated Other Comprehensive Income Account 219		p112.15.c	0
8	Less Preferred Stock		(Attachment A Line 86)	0
9	Less Account 216.1		p112.12.c	56,954
10	Common Stock		(Line 6 - 7 - 8 - 9)	5,124,106,632
	Capitalization			
11	Long Term Debt		p112.18.c, 19.c & 21.c	4,288,750,000
12	Less Loss on Reacquired Debt		p111.81.c	8,429,030
13	Plus Gain on Reacquired Debt		p113.61.c	0
14	Less LTD on Securitization Bonds		Attachment 8	0
15	Total Long Term Debt		(Line 11 - 12 + 13 - 14)	4,280,320,970
16	Preferred Stock		p112.3.c	0
17	Common Stock		(Line 10)	5,124,106,632
18	Total Capitalization		(Sum Lines 15 to 17)	9,404,427,602
19	Debt %	Total Long Term Debt	(Line 15 / Line 18)	45.5%
20	Preferred %	Preferred Stock	(Line 16 / Line 18)	0.0%
21	Common %	Common Stock	(Line 17 / Line 18)	54.5%
22	Debt Cost	Total Long Term Debt	(Line 4 / Line 15)	0.0412
23	Preferred Cost	Preferred Stock	(Line 5 / Line 16)	0.0000
24	Common Cost	Common Stock	Fixed	0.1140
25	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 19 * Line 22)	0.0188
26	Weighted Cost of Preferred	Preferred Stock	(Line 20 * Line 23)	0.0000
27	Weighted Cost of Common	Common Stock	(Line 21 * Line 24)	0.0621
28	Rate of Return on Rate Base (ROR)		(Sum Lines 25 to 27)	0.0809
29	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 28)	417,554,151
Composite Income Taxes				
	Income Tax Rates			
30	FIT=Federal Income Tax Rate			21.00%
31	SIT=State Income Tax Rate or Composite			9.99%
32	p = percent of federal income tax deductible for state purposes		Per State Tax Code	0.00%
33	T	$T=1 - \frac{[(1 - SIT) * (1 - FIT)]}{(1 - SIT * FIT * p)}$		28.89%
34	CIT = T / (1-T)			40.63%
35	1 / (1-T)			140.63%
	ITC Adjustment			
36	Amortized Investment Tax Credit		Attachment 5	(14,212)
37	ITC Adjust. Allocated to Trans. - Grossed Up		(Line 36 * (1 / (1 - Line 33)))	-19,986
	Income Tax Adjustments			
37a	Other Income Tax Adjustments		Attachment 5	-2,481,487
37b	Other Income Tax Adjustments - Gross Up	Other Income Tax Adjustment * 1 / (1-T)	Line 37a * (1 / (1 - Line 33))	-3,489,749
38	Income Tax Component =	$CIT=(T/(1-T)) * Investment\ Return * (1-(WCLTD/R)) + Line\ 37b =$		126,809,721
39	Total Income Taxes			126,789,735

Attachment 5 - Cost Support

ITC Adjustment

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions			Form No. 1 Amount	Transmission Related	Non-transmission Related	Details
113	Amortized Investment Tax Credit	Company Records	-19,131	-14,212	-4,919	Enter Negative

Transmission / Non-transmission Cost Support

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions			Form No. 1 Amount	Transmission Related Major Items	Transmission Related Minor Items	Non-transmission Related	Details
24	Land Held for Future Use	(Note C) p.214.d - p214.6.d & Company Records (Note P) Company Records	23,539,067	18,020,801	2,927,371	2,590,895	Removal of land held for future use (if any) that is included in CWIP balance Gains from the sale of Land Held for Future Use Balance for Appendix A
				0	0		
				18,020,801	2,927,371		

Adjustments to A & G Expense

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions			Total	Prior Period Adjustment	Adjusted Total	Details
Allocated Administrative & General Expenses						
53	Fixed PBOP expense	FERC Authorized	1,518,585			Current year actual PBOP expense Annual Premium associated with storm insurance excluding recoveries related to prior periods. (See FM 1 note to page 320 line 185)
54	Actual PBOP expense	Company Records	1,053,098			
65	Property Insurance Account 924	p323.185.b	2,245,084	0	2,245,084	

Regulatory Expense Related to Transmission Cost Support

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions			Form No. 1 Amount	Transmission Related	Non-transmission Related	Details
Directly Assigned A&G						
62	Regulatory Commission Exp Account 928	(Note G) p350-46h	8,488,766	1,403,268	7,085,498	

Safety Related Advertising Cost Support

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions			Form No. 1 Amount	Safety Related	Non-safety Related	Details
Directly Assigned A&G						
66	General Advertising Exp Account 930.1	(Note F) p323.191.b	17,089	-	17,089	

MultiState Workpaper

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions			State 1	State 2	State 3	State 4	State 5	Details
Income Tax Rates								
109	SIT=State Income Tax Rate or Composite	(Note I)	PA 9.99%					

Education and Out Reach Cost Support

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions			Form No. 1 Amount	Education & Outreach	Other	Details
Directly Assigned A&G						
63	General Advertising Exp Account 930.1	(Note K) p323.191.b	17,089	-	17,089	

Excluded Plant Cost Support

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions			Excluded Transmission Facilities	Description of the Facilities
127	Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities	(Note M)		General Description of the Facilities
Instructions:			Enter \$	
1 Remove all investment below 69 kV or generator step-up transformers included in transmission plant in service that are not a result of the RTEP process			0	None
2 If unable to determine the investment below 69kV in a substation with investment of 69 kV and higher, as well as below 69 kV, the following formula will be used:			Or	
Example			Enter \$	

Attachment 5 - Cost Support

A Total investment in substation	1,000,000
B Identifiable investment in Transmission (provide workpaper)	500,000
C Identifiable investment in Distribution (provide workpapers)	400,000
D Amount to be excluded (A x (C / (B + C)))	444,444

Add more lines if necessary

Prepayments and Prepaid Pension Asset

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions				Form No. 1 Amount	Prepayments on Securitization Bonds Adjustment	POLR and Retail Related Adjustment	Prepayments	W&S Allocator	Functionalized to TX	Description of the Prepayments
36	Prepayments			13,358,051	0	3,206,326	10,151,725	11.4311%	1,160,453	Less amounts related to POLR, Retail Issues and Bond Securitization.
	Prepayments	(Note A) (Note O)	Form 1 -- p111.57.c							

Adjustments to Transmission O&M

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions				Total	Adjustments	Transmission Related	Details
47	Transmission O&M		p.321.112.b	256,421,197	123,299	256,297,898	Adjustment for Ancillary Services p321.88b and p321.92b.
48	Less Account 565		p.321.96.b	211,318,384	0	211,318,384	None

Facility Credits under Section 30.9 of the PJM OATT

Appendix A Line #s, Descriptions, Notes, Form 1 Page #s and Instructions				Amount	Description & PJM Documentation
147	Net Revenue Requirement			-	None
	Facility Credits under Section 30.9 of the PJM OATT				

PJM Load Cost Support

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions				1 CP Peak	Description & PJM Documentation
149	Network Zonal Service Rate			7,260.0	
	1 CP Peak	(Note L)	PJM Data		

Depreciation Expense

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions				Total	Year 1 2014	Year 2 2015	Year 3 2016	Year 4 2017	Year 5 2018	Total	5 - Year Amortization	
71	Transmission Depreciation Expense Including Amortization of Limited Term Plant	(Note J)	Company Records	103,694,236								
	Transmission Plant Cost of Removal, Net of Salvage	(Note J)	Company Records	33,945,652	8,276,939	49,254,536	30,130,454	44,126,058	37,940,099	169,728,086	33,945,652	
	Total Transmission Depreciation Expense Including Amortization of Limited Term F	(Note J)	Company Records	137,639,889								
72	General Depreciation Expense Including Amortization of Limited Term Plant	(Note J)	Company Records	57,716,786								
	General Plant Cost of Removal, Net of Salvage	(Note J)	Company Records	-281,794	1,119	-962,228	16,883	-558,224	93,482	-1,408,968	-281,794	
	Total General Depreciation Expense Including Amortization of Limited Term Plant	(Note J)	Company Records	57,434,992								

Other Income Tax Adjustments

Appendix A Line #s, Descriptions, Notes, Form No. 1 Page #s and Instructions				Total
	Amortized Excess Deferred Taxes	(Note Q)	Company Records	-3,407,221
	Amortized Deficient Deferred Taxes	(Note Q)	Company Records	0
	Tax effect of AFUDC Equity Permanent Difference	(Note Q)	Company Records	925,734
114a	Total Other Income Tax Adjustments			-2,481,487

PPL Electric Utilities Corporation
Attachment 6 - Estimate and Reconciliation Worksheet

Step Month Year Action

Exec Summary

- 1 April Year 2 TO populates the formula with Year 1 data from FERC Form No. 1 data for Year 1 (e.g., 2007)
- 2 April Year 2 TO estimates all transmission Cap Adds and CWIP for Year 2 weighted based on Months expected to be in service in Year 2 (e.g., 2008)
- 3 April Year 2 TO adds weighted Cap Adds to plant in service in Formula
- 4 May Year 2 Post results of Step 3 on PJM web site
- 5 June Year 2 Results of Step 3 go into effect for the Rate Year 1 (e.g., June 1, 2008 - May 31, 2009)
- 6 April Year 3 TO populates the formula with Year 2 data from FERC Form No. 1 for Year 2 (e.g., 2008)
- 7 April Year 3 Reconciliation - TO calculates Reconciliation by removing from Year 2 data - the total Cap Adds placed in service in Year 2 and adding weighted average in Year 2 actual Cap Adds and CWIP in Reconciliation (adjusted to include any Reconciliation amount from prior year)
- 8 April Year 3 TO estimates Cap Adds and CWIP during Year 3 weighted based on Months expected to be in service in Year 3 (e.g., 2009)
- 9 April Year 3 Reconciliation - TO adds the difference between the Reconciliation in Step 7 and the forecast in Line 5 with interest to the result of Step 7 (this difference is also added to Step 8 in the subsequent year)
- 10 May Year 3 Post results of Step 9 on PJM web site
- 11 June Year 3 Results of Step 9 go into effect for the Rate Year 2 (e.g., June 1, 2009 - May 31, 2010)

1 April Year 2 TO populates the formula with Year 1 data from FERC Form No. 1 data for Year 1 (e.g., 2007)
 \$ 557,159,311 Rev Req based on Year 1 data Must run Appendix A to get this number (without inputs in lines 16, 17 or 35 of Appendix A)

2 April Year 2 TO estimates all transmission Cap Adds and CWIP for Year 2 weighted based on Months expected to be in service in Year 2 (e.g., 2008)

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	Total
	Monthly Additions Other Plant In Service	Monthly Additions Northeast Pocono Reliability Project CWIP	Monthly Additions Susq-Rose CWIP < 500kV (b0487.1)	Monthly Additions Susq-Rose PIS < 500kV (b0487.1)	Monthly Additions Susq-Rose CWIP ≥ 500kV (b0487)	Monthly Additions Susq-Rose PIS ≥ 500kV (b0487)	Weighting	Other Plant In Service Amount (A x G)	NPR CWIP Amount (B x G)	Susq-Rose CWIP Amount (C x G) < 500kV (b0487.1)	Susq-Rose PIS Amount (D x G) < 500kV (b0487.1)	Susq-Rose CWIP Amount (E x G) ≥ 500kV (b0487)	Susq-Rose PIS Amount (F x G) ≥ 500kV (b0487)	Other Plant In Service Amount (H / I)	NPR CWIP Amount (I / I)	Susq-Rose CWIP Amount (J / I)	Susq-Rose PIS Amount (K / I)	Susq-Rose CWIP Amount (L / I)	Susq-Rose PIS Amount (M / I)	Total
CWIP Balance Dec (prior yr.)																				
Jan	26,335,741	-	-	-	-	-	12	302,861,022	-	-	-	-	-	25,238,418	-	-	-	-	-	-
Feb	54,701,563	-	-	-	-	-	10.5	574,366,412	-	-	-	-	-	47,863,868	-	-	-	-	-	-
Mar	25,673,571	-	-	-	-	-	9.5	243,898,923	-	-	-	-	-	20,324,910	-	-	-	-	-	-
Apr	16,451,951	-	-	-	-	-	8.5	139,841,582	-	-	-	-	-	11,653,465	-	-	-	-	-	-
May	28,143,781	-	-	-	-	-	7.5	211,078,362	-	-	-	-	-	17,589,863	-	-	-	-	-	-
Jun	58,362,191	-	-	-	-	-	6.5	379,354,242	-	-	-	-	-	31,612,853	-	-	-	-	-	-
Jul	63,177,292	-	-	-	-	-	5.5	347,475,106	-	-	-	-	-	28,956,259	-	-	-	-	-	-
Aug	45,254,144	-	-	-	-	-	4.5	203,643,650	-	-	-	-	-	16,970,304	-	-	-	-	-	-
Sep	57,926,606	-	-	-	-	-	3.5	202,743,122	-	-	-	-	-	16,895,260	-	-	-	-	-	-
Oct	37,758,962	-	-	-	-	-	2.5	94,397,805	-	-	-	-	-	7,866,450	-	-	-	-	-	-
Nov	58,458,445	-	-	-	-	-	1.5	87,687,668	-	-	-	-	-	7,307,306	-	-	-	-	-	-
Dec	113,781,146	-	-	-	-	-	0.5	56,990,573	-	-	-	-	-	4,740,881	-	-	-	-	-	-
Total	586,025,393	-	-	-	-	-		2,844,238,063	-	-	-	-	-	237,019,839	-	-	-	-	-	-
New Transmission Plant Additions and CWIP (weighted by months in service)																				
														Input to Line 17 of Appendix A	237,019,839					237,019,839
														Input to Line 35 of Appendix A						
														Month in Service or Month for CWIP	7.15	#DIV/0!		#DIV/0!		

3 April Year 2 TO adds weighted Cap Adds to plant in service in Formula
 \$ 583,021,155 Must run Appendix A to get this number (with inputs on lines 17 and 35 of Attachment A)

4 May Year 2 Post results of Step 3 on PJM web site
 \$ 583,021,155 Must run Appendix A to get this number (with inputs on lines 17 and 35 of Attachment A)

5 June Year 2 Results of Step 3 go into effect for the Rate Year 1 (e.g., June 1, 2008 - May 31, 2009)
 \$ 583,021,155

6 April Year 3 TO populates the formula with Year 2 data from FERC Form No. 1 for Year 2 (e.g., 2008)
 \$ 449,452,952 Rev Req based on Prior Year Data Must run Appendix A to get this number (without inputs in lines 16, 17 or 35 of Appendix A)

7 April Year 3 Reconciliation - TO calculates Reconciliation by removing from Year 2 data - the total Cap Adds placed in service in Year 2 and adding weighted average in Year 2 actual Cap Adds and CWIP in Reconciliation (adjusted to include any Reconciliation amount from prior year)

Remove all Cap Adds placed in service in Year 2
 For Reconciliation only - remove actual New Transmission Plant Additions for Year 2
 \$ 696,148,907 Input to Formula Line 16

Add weighted Cap Adds actually placed in service in Year 2

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	Total
	Monthly Additions Other Plant In Service	Monthly Additions Northeast Pocono Reliability Project CWIP	Monthly Additions Susq-Rose CWIP < 500kV (b0487.1)	Monthly Additions Susq-Rose PIS < 500kV (b0487.1)	Monthly Additions Susq-Rose CWIP ≥ 500kV (b0487)	Monthly Additions Susq-Rose PIS ≥ 500kV (b0487)	Weighting	Other Plant In Service Amount (A x G)	NPR CWIP Amount (B x G)	Susq-Rose CWIP Amount (C x G) < 500kV (b0487.1)	Susq-Rose PIS Amount (D x G) < 500kV (b0487.1)	Susq-Rose CWIP Amount (E x G) ≥ 500kV (b0487)	Susq-Rose PIS Amount (F x G) ≥ 500kV (b0487)	Other Plant In Service Amount (H / I)	NPR CWIP Amount (I / I)	Susq-Rose CWIP Amount (J / I)	Susq-Rose PIS Amount (K / I)	Susq-Rose CWIP Amount (L / I)	Susq-Rose PIS Amount (M / I)	Total
CWIP Balance Dec (prior yr.)																				
Jan	26,335,741	-	-	-	-	-	12	302,861,022	-	-	-	-	-	25,238,419	-	-	-	-	-	-
Feb	54,701,563	-	-	-	-	-	10.5	574,366,412	-	-	-	-	47,863,868	-	-	-	-	-	-	-
Mar	38,262,471	-	-	-	-	-	9.5	363,493,475	-	-	-	-	30,291,123	-	-	-	-	-	-	-
Apr	43,109,776	-	-	-	-	-	8.5	366,433,093	-	-	-	-	30,536,091	-	-	-	-	-	-	-
May	64,363,655	-	-	-	-	-	7.5	482,227,815	-	-	-	-	40,227,285	-	-	-	-	-	-	-
Jun	98,955,697	-	-	-	-	-	6.5	643,312,032	-	-	-	-	53,601,003	-	-	-	-	-	-	-
Jul	48,499,869	-	-	-	-	-	5.5	266,749,279	-	-	-	-	22,229,107	-	-	-	-	-	-	-
Aug	35,149,867	-	-	-	-	-	4.5	158,174,403	-	-	-	-	13,181,200	-	-	-	-	-	-	-
Sep	58,726,975	-	-	-	-	-	3.5	205,544,413	-	-	-	-	17,128,701	-	-	-	-	-	-	-
Oct	41,603,771	-	-	-	-	-	2.5	104,009,428	-	-	-	-	8,667,452	-	-	-	-	-	-	-
Nov	66,826,326	-	-	-	-	-	1.5	100,239,489	-	-	-	-	8,353,291	-	-	-	-	-	-	-
Dec	119,613,194	-	-	-	-	-	0.5	59,806,597	-	-	-	-	4,983,883	-	-	-	-	-	-	-

PPL Electric Utilities Corporation

Attachment 8 - Company Exhibit - Securitization Worksheet

Line #	Prepayments		
36	Less Prepayments on Securitization Bonds	0	(See FM 1, note to page 110, line 57)
	Administrative and General Expenses		
52	Less Administrative and General Expenses on Securitization Bonds	0	(See FM 1, note to page 114, line 4)
	Taxes Other Than Income		
78	Less Taxes Other Than Income on Securitization Bonds	0	(See FM 1, note to page 114, line 14)
	Long Term Interest		
81	Less LTD Interest on Securitization Bonds	0	(See FM 1, note to page 114, lines 62 + 63)
	Capitalization		
92	Less LTD on Securitization Bonds	0	(See FM 1, note to page 112, line 18)

Calculation of the above Securitization Adjustments

The amounts above are associated with transition bonds issued to securitize the recovery of retail stranded costs, pursuant to an Order entered by the Pennsylvania Public Utility Commission on May 21, 1999 at Docket No. R-00994637, in accordance with Pennsylvania's Electric Generation Customer Choice and Competition Act.

PPL Electric Utilities Corporation

Attachment 9 - Depreciation Rates

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
Number	Plant Type	Estimated Life	Mortality Curve	Current Age	Remaining Life	Applied Depreciation Rate	Gross Depreciable Plant \$	Accumulated Depreciation \$	Depreciable Balance \$	Depreciation Expense \$
Transmission										
350.4	Land Rights	80	S4	16.5	63.50	1.4921	231,534,943	56,636,986	174,897,957	2,609,568
352	Structures and Improvements	65	R3	8.2	56.80	1.5172	218,247,353	23,676,612	194,570,741	2,952,056
353	Station Equipment	46	R1.5	6.2	39.80	2.5162	2,121,704,005	282,786,975	1,838,917,030	46,270,113
354	Towers and Fixtures	75	R3	8.3	66.70	1.3553	2,330,311,909	234,183,334	2,096,128,575	28,409,804
354.2	Towers and Fixtures - Clearing Land and Rights of Way	80	R4	34.9	45.10	1.6747	11,469,410	7,801,703	3,667,707	61,423
355	Poles and Fixtures	53	R0.5	13.0	40.00	1.6817	188,141,429	-18,683,478	206,824,907	3,478,122
355.2	Poles and Fixtures - Clearing Land and Rights of Way	80	R4	18.8	61.20	1.5770	13,272,326	4,875,938	8,396,388	132,413
356	Overhead Conductors and Devices	65	R2.5	8.0	57.00	1.5677	1,250,818,139	135,344,666	1,115,473,473	17,487,323
357	Underground Conduit	55	S4	7.5	47.50	1.0038	19,372,851	4,730,295	14,642,556	146,982
358	Underground Conductors and Devices	45	S3	6.3	38.70	2.2328	110,842,644	17,358,038	93,484,606	2,087,339
359	Roads and Trails	80	R4	34.8	45.20	1.9695	6,576,733	3,576,302	3,000,431	59,095
										103,694,237
General										
389.4	Land Rights	75	R4	57.0	18.00	3.1966	1,994	(244)	2,238	72
390.2	Structures and Improvements - Buildings	52	S0.5	35.8	16.20	7.0574	411,757,557	139,100,937	272,656,620	19,242,403
390.4	Structures and Improvements - Air Conditioning	30	S1	10.0	20.00	4.6375	53,402,363	18,289,047	35,113,316	1,628,367
391.1	Office Furniture and Equipment - RF Mesh Computer Equip.	5	N/A	N/A	1.30	22.5343	30,358,264	19,779,110	10,579,154	6,841,013
391.2	Office Furniture and Equipment - Furniture	20	N/A	N/A	10.20	4.8120	25,423,326	11,822,858	13,600,468	1,223,365
391.4	Office Furniture and Equipment - Equipment	15	N/A	N/A	5.90	6.6986	4,952,916	2,333,235	2,619,681	331,777
391.6	Office Furniture and Equipment - Computers	5	N/A	N/A	1.90	25.0890	83,948,761	51,962,752	31,986,009	21,061,864
392.1	Transportation Equipment - Automobiles	9	S3	4.00	5.00	6.5347	8,457,338	6,217,711	2,239,627	146,353
392.2	Transportation Equipment - Light Duty Trucks	9	R1	3.7	5.30	9.3057	18,939,256	11,237,529	7,701,727	716,700
392.3	Transportation Equipment - Heavy Duty Trucks	13	S3	6.0	7.00	6.5500	93,154,044	58,762,391	34,391,653	2,252,653
392.4	Transportation Equipment - Trailers	23	L2	8.1	14.90	3.3588	8,992,256	3,594,228	5,398,028	181,311
392.5	Transportation Equipment - Large Tankers/Tractors	15	L4	8.8	6.20	12.4946	2,366,975	1,421,920	945,055	118,081
392.6	Transportation Equipment - Large Crane Trucks	13	S3	10.9	2.10	27.6439	473,897	428,029	45,868	12,680
393	Stores Equipment	25	N/A	N/A	13.10	5.2801	2,364,283	959,712	1,404,571	124,836
394	Tools and Work Equipment - L&S Line Crews	20	N/A	N/A	4.10	5.5525	4,315,607	3,232,686	1,082,921	239,623
394.2	Tools and Work Equipment - Tools	20	N/A	N/A	7.90	6.2255	149,939	79,358	70,581	9,335
394.4	Tools and Work Equipment - Construction Dept.	20	N/A	N/A	6.50	5.0000	1,083,675	681,334	402,341	54,184
394.6	Tools and Work Equipment - Other	20	N/A	N/A	12.20	4.9048	32,547,837	12,818,493	19,729,344	1,596,403
394.8	Tools and Work Equipment - Garage Equipment	20	N/A	N/A	11.30	5.0852	2,288,026	949,965	1,338,061	116,350
395	Laboratory Equipment	20	N/A	N/A	7.80	5.2048	4,496,632	2,833,847	1,662,785	234,043
396	Power Operated Equipment	16	R1	5.20	10.80	1.695455	1,695,455	704,426	991,029	91,521
397	Communication Equipment	15	N/A	N/A	10.60	5.8690	21,386,726	8,750,179	12,636,547	1,255,189
398	Miscellaneous Equipment	20	N/A	N/A	12.80	4.9766	4,795,781	1,629,823	3,165,958	238,665
										57,716,786
Intangible										
303.2	Miscellaneous Intangible Plant - Software	5	N/A	N/A	3.00	20.00	160,926,034	85,387,804	75,538,230	31,917,614
303.6	Smart Meter Software - RF Mesh	5	N/A	N/A	1.30	20.00	107,855,800	80,989,552	26,866,248	26,856,037
										58,773,651

Notes:

- Columns (A), (B), (C), and (D) are fixed and cannot be changed absent Commission approval or acceptance.
- Column (E) is based on the Estimated Life in Column (C) less the Remaining Life in Column (F) for those accounts for which a Mortality Curve is identified.
- Column (F) is the average remaining life of the assets in the account based on their vintage.
- Column (G) is the depreciation rate from the Mortality Curve specified based on data in Columns (C) and (D).
- Columns (H) and (I) are the depreciable gross plant investment and accumulated depreciation in the account or subaccount.
- Column (J) is the depreciable net plant in the account or subaccount.
- Column (K) is Column (G) multiplied by Column (J) for those accounts that have an identified Mortality Curve.
- Each year, PPL Electric will provide a copy of the annual report submitted to the PA PUC that shows the calculation of the depreciation rates and expenses derived from Columns (C) and (D).
- Every 5 years, PPL Electric will file with the Commission a depreciation study supporting its existing Estimated Life and Mortality Curve for each account or subaccount.
- Column (K) for Accounts Nos. 303.2 and 303.6 are calculated using individual asset depreciation and, therefore, are not derived values.
- Column (K) for Account No. 392 is net of capitalized depreciation expense. See the applicable note in FERC Form No. 1.
- For those General Plant accounts that do not have Mortality Curves as indicated by "N/A" in Column (D), additional detail is provided in Attachment 9 - Supplemental General Plant Depreciation Details.

PPL Electric Utilities Corporation

Attachment 9 - Supplemental
General Plant Depreciation Details

(A) Number	(B) Plant Type	(C) Estimated Life	(G) Applied Depreciation Rate	(H) Gross Depreciable Plant \$	(I) Accumulated Depreciation \$	(J) Depreciable Balance \$	(K) Depreciation Expense \$
General							
391.1	Structures and Improvements - Leaseholds - Net Method	5	22.5343	30,358,264	19,779,110	10,579,154	6,841,013
391.2	Office Furniture and Equipment - Furniture - Gross Method	20	4.8120	25,423,326	11,822,858	13,600,468	1,223,365
391.4	Office Furniture and Equipment - Mechanical Equipment - Gross Method	15	6.6958	4,952,916	2,333,235	2,619,681	331,639
391.4	Office Furniture and Equipment - Mechanical Equipment - Net Method	15	-	0	0	0	138
				4,952,916	2,333,235	2,619,681	331,777
391.6	Office Furniture and Equipment - Computer Equipment - General- Gross Method	5	25.0890	83,948,761	51,962,752	31,986,009	21,061,864
393	Store Equipment - Gross Method	25	3.9995	2,161,895	919,776	1,242,119	86,465
393	Store Equipment - Net Method	25	23.6201	202,388	39,936	162,452	38,371
				2,364,283	959,712	1,404,571	124,836
394	Tools, Shop and Garage Equipment - Distribution Line Crews - Gross Method	20	5.0000	2,371,042	1,657,232	713,810	118,552
394	Tools, Shop and Garage Equipment - Distribution Line Crews - Net Method	20	32.8008	1,944,565	1,575,454	369,111	121,071
				4,315,607	3,232,686	1,082,921	239,623
394.2	Tools, Shop and Garage Equipment - Tools - Gross Method	20	4.8997	147,476	77,106	70,370	7,226
394.2	Tools, Shop and Garage Equipment - Tools - Net Method	20	999.3412	2,463	2,252	211	2,109
				149,939	79,358	70,581	9,335
394.4	Tools, Shop and Garage Equipment - Construction Department - Gross Method	20	5.0000	1,083,675	681,334	402,341	54,184
394.6	Tools, Shop and Garage Equipment - Gross Method	20	4.9048	32,547,837	12,818,493	19,729,344	1,596,403
394.8	Tools, Shop and Garage Equipment - Garage Tools Support - Gross Method	20	4.9769	2,199,154	879,344	1,319,810	109,449
394.8	Tools, Shop and Garage Equipment - Garage Tools Support - Net Method	20	37.8112	88,872	70,621	18,251	6,901
				2,288,026	949,965	1,338,061	116,350
395	Laboratory Equipment - Gross Method	20	5.0101	3,163,873	1,794,327	1,369,546	158,513
395	Laboratory Equipment - Net Method	20	25.7570	1,332,759	1,039,520	293,239	75,530
				4,496,632	2,833,847	1,662,785	234,043
397	Communication Equipment - Gross Method	15	5.8591	21,386,726	8,750,179	12,636,547	1,253,061
397	Communication Equipment - Net Method	15	-	0	0	0	2,129
				21,386,726	8,750,179	12,636,547	1,255,189
398	Miscellaneous Equipment - Gross Method	20	4.7805	4,240,414	1,223,055	3,017,359	202,714
398	Miscellaneous Equipment - Net Method	20	24.1934	555,367	406,768	148,599	35,951
				4,795,781	1,629,823	3,165,958	238,665

Notes:

1 This schedule shows additional detail for those General Plant accounts that do not have a Mortality Curve. The calculation of Depreciation Expense by the Gross Plant Method (i.e., Column (G) multiplied by Column (H)) and the Net Plant Method (i.e., Column (G) multiplied by Column (J)) is shown separately for the assets in each account subject to each such method. Assets purchased new are depreciated using the Gross Plant Method. Assets purchased used are depreciated using the Net Plant Method (i.e., over their remaining economic life).

Attachment 18
EL05-121 for January 1, 2022 to December 31, 2022



PJM Interconnection, L.L.C.
2750 Monroe Blvd.
Audubon, PA 19403

Pauline Foley
Associate General Counsel
T: (610) 666-8248 | F: (610) 666-8211
pauline.foley@pjm.com

July 30, 2018

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, D.C. 20426

*Re: PJM Interconnection, L.L.C., Docket No. EL05-121-009 and ER18-2102-001
eTariff Compliance Filing for Schedule 12 and Schedule 12-Appendices*

Dear Secretary Bose:

On June 15, 2016, the Settling Parties¹ filed Settlement Agreement and Offer of Settlement (“Settlement”)² in the captioned matter for rates to become effective January 1, 2016. In the Order on Contested Settlement,³ the Federal Energy Regulatory Commission (“Commission”) approved the Settlement and directed PJM Interconnection, L.L.C. (“PJM”) to

¹ The “Settling Parties” are: American Electric Power Service Corporation, on behalf of its operating companies; Baltimore Gas and Electric Company, an Exelon Company; Blue Ridge Power Agency, Inc.; The Dayton Power and Light Company; Delaware Municipal Electric Corporation, Inc.; Duke Energy Business Services, LLC on behalf of Duke Energy Ohio, Inc. and Duke Energy Kentucky, Inc.; Duquesne Light Company; East Kentucky Power Cooperative, Inc.; Exelon Corporation as agent for Commonwealth Edison Company and PECO Energy Company; FirstEnergy Utilities On behalf of affiliates American Transmission Systems, Incorporated, The Cleveland Electric Illuminating Company, Jersey Central Power & Light Company, Metropolitan Edison Company, Ohio Edison Company, Monongahela Power Company, Pennsylvania Electric Company, Pennsylvania Power Company, The Potomac Edison Company, Toledo Edison Company, and West Penn Power Company; Illinois Commerce Commission; Indiana Utility Regulatory Commission; Michigan Public Service Commission; Pennsylvania Public Utility Commission; Pepco Holdings, LLC, an Exelon Company, and Potomac Electric Power Company, Delmarva Power & Light Company and Atlantic City Electric Company; PJM Interconnection, L.L.C.; PPL Electric Utilities Corporation; Public Service Commission of West Virginia; Public Utilities Commission of Ohio; and UGI Utilities, Inc. Additionally, the following parties have agreed to be listed in the Settlement as “NonOpposing Parties”: Consolidated Edison Company of New York, Inc.; Delaware Public Service Commission; Maryland Public Service Commission; New Jersey Board of Public Utilities; Old Dominion Electric Cooperative; PSEG Energy Resources & Trade LLC; Public Power Association of New Jersey; Public Service Electric and Gas Company; Public Service Commission of the District of Columbia; Rockland Electric Company; Virginia Electric and Power Company, DBA Dominion Virginia Power; and the Virginia State Corporation Commission.

² *PJM Interconnection, L.L.C.*, Offer of Settlement, Docket No. EL05-121-009 (June 15, 2016) (“Settlement”).

³ *PJM Interconnection, L.L.C.*, 163 FERC ¶ 61,168 (May 31, 2018) (“May 31 Order”).

The Honorable Kimberly D. Bose, Secretary
PJM Interconnection, L.L.C.
July 30, 2018
Page 2

submit the associated Tariff amendments by way of compliance eTariff records consistent with the *pro forma* tariff records included with the Settlement.⁴

Accordingly, in compliance with the May 31 Order, and pursuant to section 205 of the Federal Power Act⁵ and Part 35 of the Commission's rules and regulations,⁶ PJM submits amendments to the PJM Open Access Transmission Tariff ("Tariff") to add in eTariff format the *pro forma* tariff records to include a new Schedule 12-C, including Appendices A through C, as approved under the Settlement.⁷ In addition, consistent with section 2.2(c) of the Settlement, PJM submits amendments to Tariff, Schedule 12-Appendix to amend cost responsibility assignments for Covered Transmission Enhancements as described in detail below. PJM requests that these proposed amendments become effective January 1, 2016, as directed by the Commission in its May 31 Order.

I. DESCRIPTION OF FILING

A. Background

This filing follows years of litigation before the Commission under multiple dockets,⁸ two 7th Circuit Remand Orders⁹ and an established FERC hearing and settlement judge

⁴ In the May 31 Order, the Commission directed PJM to submit a compliance filing within 30 days of the Order or June 30, 2018. Pursuant to a motion for extension of time filed by PJM, the Commission extended the date to comply an additional 30 days to July 30, 2018. See *PJM Interconnection, L.L.C.*, Notice Granting Request for Extension of Time, Docket No. EL05-121-009 (June 13, 2018).

⁵ 16 U.S.C. § 824d.

⁶ 18 C.F.R. Part 35 (2018).

⁷ Due to e-Tariff restrictions, the proposed revisions to the PJM Tariff for Schedule 12-C Appendix B and Schedule 12-C Appendix C will be filed under separate cover using the same transmittal letter with the specified attachments corresponding to each filing because the version effective January 1, 2018 could not be submitted in the same filing in which the tariff record was initial created.

⁸ May 31 Order, PP 3 - 7.

⁹ See *Illinois Commerce Comm'n, et al. v. FERC*, 756 F.3d 556 (7th Cir. 2014); see also *Illinois Commerce Comm'n, et al. v. FERC*, 576 F.3d 470 (7th Cir. 2009), *reh'g and reh'g en banc denied* (Oct. 20, 2009).

proceeding¹⁰ to determine the appropriate cost allocation for new transmission facilities that operate at or above 500 kV (“Regional Facilities”)¹¹ and Necessary Lower Voltage Facilities¹² that PJM planned and approved before February 1, 2013, whose costs were allocated in accordance with the 100 percent load-ratio share method established in Opinion No. 494.¹³ Following seven settlement conferences convened by settlement judge Steven L. Sterner and attended by interested parties both in person and via teleconference, the Settling Parties submitted the Settlement on June 15, 2016 in Docket No. EL05-121-009 to take effect on the date the Commission approved the Settlement, i.e., May 31, 2018.

B. Description of New Schedule 12-C and Appendices to Implement the Settlement

The May 31 Order approved the *pro forma* tariff records included in the Settlement to add a new Schedule 12-C and three (3) appendices: (i) Appendix A (List of Covered Transmission Enhancements), (ii) Appendix B (Allocations for Canceled Projects) and (iii) Appendix C (Transmission Enhancement Charge (TEC) Adjustments – Monthly). Schedule 12-C sets forth the assignment of cost responsibility for Required Transmission Enhancements¹⁴ listed in Schedule 12-C Appendix A, as of January 1, 2016. Each Required Transmission Enhancement listed in Schedule 12-C Appendix A, is referred to as a “Covered Transmission

¹⁰ *PJM Interconnection, L.L.C.*, 149 FERC ¶ 61,233 (2014).

¹¹ Prior to 2013, Regional Facilities were defined to mean new transmission enhancements and expansions that will operate at or above 500 kV and are included in the upgrade to the RTEP approved by the PJM Board of Managers (“PJM Board”). PJM Tariff, Schedule 12 § (b)(i) (2010).

¹² Necessary Lower Voltage Facilities are defined as Required Transmission Enhancements included in the Regional Transmission Expansion Plan (“RTEP”) that are lower voltage facilities that must be constructed or reinforced to support new Regional Facilities.

¹³ *PJM Interconnection, L.L.C.*, Opinion No. 494, 119 FERC ¶ 61,063 (2007), *order on reh’g*, Opinion No. 494-A, 122 FERC ¶61,082 (2008).

¹⁴ “Required Transmission Enhancements” is defined in the Tariff in pertinent part to mean “enhancements and expansions of the transmission system that an [RTEP] developed pursuant to Schedule 6 of the Operating Agreement” *See* PJM Tariff, OATT Definitions – R-S.

Enhancement.” Covered Transmission Enhancements included in this Settlement that were canceled or abandoned before entering service are identified in Schedule 12-C Appendix A as a “Canceled Project.”¹⁵ Schedule 12-C contains different methods for recovery of costs incurred for Covered Transmission Enhancements.

1. Description of Proposed Amendments to Schedule 12-Appendix for the Going Forward Period Commencing January 1, 2016

In the May 31 Order, the Commission accepted under Schedule 12-C for the going-forward period (the period commencing January 1, 2016 onward) modifications to the cost allocation methodology for Covered Transmission Enhancements included in Tariff, Schedule 12-Appendix. Therefore, pursuant to the Settlement, section 2.2(c) (Current Recovery Charge), PJM is required to modify Schedule 12-Appendix to assign cost responsibility to Responsible Customers¹⁶ for each Covered Transmission Enhancement listed in Schedule 12-C Appendix A, based on the agreed-upon hybrid methodology in which: (i) 50 percent of the cost responsibility shall be assigned to Responsible Customers using the annual load-ratio share method;¹⁷ and (ii) 50 percent of the cost responsibility shall be assigned to Responsible Customers using: (A) for MAPP and PATH projects identified as Canceled Projects Schedule 12-C Appendix A, the cost assignments are set forth in Schedule 12-C Appendix B;¹⁸

¹⁵ The Allocations for those Canceled Projects are detailed in Schedule 12-C Appendix B. In addition, Schedule 12-Appendix contains allocations for Regional Facilities that are not listed in Schedule 12-C Appendix A and not revised in this filing as revenues were not collected for those canceled projects and those baseline upgrades will be removed from Schedule 12-Appendix in a subsequent clean-up filing.

¹⁶ “Responsible Customers” are defined to mean “customers using Point-to-Point Transmission Service and/or Network Integration Transmission Service and Merchant Transmission Facility owners that will be subject to each such Transmission Enhancement Charge. See Tariff, Schedule 12, § (b)(viii).

¹⁷ Tariff, Schedule 12 § (b)(i)(A)(1).

¹⁸ The Branchburg to Roseland to Hudson (“BRH”) project was not included in Schedule 12-C Appendix B because there were no abandonment costs after January 1, 2016.

or (B) for all other Covered Transmission Enhancements listed in Schedule 12-C Appendix A, the current effective solution-based DFAX method.¹⁹

In addition, the Tariff sheets reflect additional changes to address: (i) the 2017 and 2018 annual updates provided for under the Tariff for load-ratio share²⁰ and solution-based DFAX, where applicable;²¹ (ii) changes in cost allocations to Responsible Customers in 2017 due to the integration of MAIT,²² effective February 1, 2017; (iii) the elimination of cost responsibility to Consolidated Edison Company of New York, Inc. (“Con Edison”) due to termination of its long-term firm point-to-point transmission service agreements, effective May 1, 2017;²³ and (iv) changes in cost allocations to remaining Responsible Customers in 2018 due to termination of allocations to two Merchant Transmission Facilities, Linden VFT, LLC (“Linden”) and Hudson Transmission Partners, LLC (“HTP”), as a result of relinquishment of their Firm Transmission Withdrawal Rights, effective January 1, 2018.²⁴

¹⁹ Tariff, Schedule 12 § (b)(i)(A)(a).

²⁰ Tariff, Schedule 12 § (b)(i)(A).

²¹ Tariff, Schedule 12 § (b)(iii)(H)(2).

²² *PJM Interconnection, L.L.C.*, Amendments to PJM agreements and tariffs for integration of MAIT, Docket No. ER17-214-000 (Oct. 28, 2016) (this filing affected the Metropolitan Edison Company’s and Pennsylvania Electric Company’s eTariff records only).

²³ *PJM Interconnection, L.L.C.*, 159 FERC ¶ 62,310 (June 20, 2017).

²⁴ *PJM Interconnection, L.L.C.*, 162 FERC ¶ 61,197 (Mar. 5, 2018) (accepting annual updates including elimination of cost allocations to Linden and HTP, effective January 1, 2018); *see also PJM Interconnection, L.L.C.*, Compliance Filing, Docket No. ER18-680-000 (Jan. 19, 2018) (filing in compliance with the December 15, 2017 orders issued in Docket Nos. EL17-84-000 and EL17-90-000 to eliminate cost responsibility to Linden and HTP as a result of relinquishing their Firm Transmission Withdrawal Rights effective January 1, 2018). Based on requests for rehearing granted by the Commission in Docket Nos. ER18-579-000 and the outstanding issues in Docket No. ER18-680, the Commission issued an order on July 19, 2018 setting for settlement proceedings all Commission dockets specific to eliminating cost allocations to Hudson and Linden effective January 1, 2018 as a result of their relinquishment of their Firm Transmission Withdrawal Rights. *See Linden VFT, LLC v. PJM Interconnection, L.L.C.*, 164 FERC ¶ 61,034 (July 19, 2018).

2. *Description of Covered Transmission Enhancement Charge Adjustments for the Historical Period Prior to January 1, 2016*

For the historical period (the period prior to January 1, 2016) during which the costs of the Covered Transmission Enhancements were recovered using the 100 percent load-ratio share method approved in Opinion No. 494,²⁵ Schedule 12-C Appendix C provides for Covered Transmission Enhancement Charge Adjustments to the billing for Covered Transmission Enhancements through a schedule of credits or payments from Responsible Customers based on a negotiated schedule. Specifically, effective as of January 1, 2016 and continuing through December 31, 2025, in addition to the Current Recovery Charge detailed in B(1) above, PJM shall collect from or credit to Responsible Customers the Transmission Enhancement Charge Adjustments set forth in Appendix 12-C for each Zone and each Merchant Transmission Facility.

C. *Adjustments to Transmission Enhancement Charge Adjustments*

The Settlement provides that the Transmission Enhancement Charge Adjustments set forth in Schedule 12-C Appendix C may be adjusted only under two circumstances as detailed in section 2.2(e) of the Settlement. Consistent with that provision, PJM proposes to make the following adjustments to the Transmission Enhancement Charge Adjustments.

1. *Consistent with Section 2.2(e)(2) of the Settlement, PJM has Adjusted the Transmission Enhancement Charge Adjustments in Schedule 12-C Appendix C as a Result of Linden's and HTP's Relinquishment of their Firm Transmission Withdrawal Rights, Effective January 1, 2018.*

Section 2.2(e)(2) of the Settlement provides, *inter alia*, that if a Merchant Transmission Facility is no longer subject to Transmission Enhancements Charges under the Tariff during the period in which Transmission Enhancement Charge Adjustments are collected, the Responsible Customer shall not be subject to such Transmission Enhancement Charges during the portion of

²⁵ See *supra*, at 3, n. 12.

that period and payment from or credits to such Responsible Customer(s) shall cease. Section 2.2(e)(2) of the Settlement further provides that PJM shall adjust the Transmission Enhancement Charge Adjustments payable by and credited to other Responsible Customers on a *pro rata* basis so that if, for example, the Responsible Customers were required to make payments, then the payment obligation associated with such Responsible Customers will be allocated *pro rata* among all remaining Zones and Merchant Transmission Facilities in which Responsible Customers remain subject to Transmission Enhancement Charges and have payment obligations under this Schedule 12-C Appendix C.

Merchant Transmission Facilities, Linden (identified as East Coast Power) and HTP, were assigned cost responsibility for Transmission Enhancement Charge Adjustments under Schedule 12-C Appendix C. Given that Linden and HTP relinquished their Firm Transmission Withdrawal Rights, effective January 1, 2018, PJM adjusted, on a *pro rata* basis, allocations, commencing January 1, 2018, to all remaining Zones and Merchant Transmission having payment obligations under Schedule 12-C Appendix C.

2. *No Adjustments to Transmission Enhancement Charge Adjustments are Required at this time for the Canceled PATH Project.*

PJM has determined that no adjustment to the Transmission Enhancement Charge Adjustments is required under section 2.2(e)(1) of the Settlement, as implemented by section 4(c)(i)(1) of Schedule 12-C. That provision provides that if the Commission issues a final decision in Docket No. ER12-2708-003 “that is no longer subject to judicial review,” relating to the recovery of costs by the owners of the canceled Potomac Appalachian Transmission Highline (“PATH”) project, PJM must make the necessary adjustments to the Transmission Enhancement Charge Adjustments to ensure that the amounts recovered by Transmission Enhancement Charge

Adjustments with respect to that project “reflect only the amounts the Commission authorizes the owner(s) to recover prior to January 1, 2016.” On January 19, 2017, the Commission issued Opinion No. 554 in Docket No. ER12-2708-003, addressing the PATH project owners’ cost recovery.²⁶ Opinion No. 554 is pending on rehearing. Moreover, under Opinion No. 554, the Commission did not require the owners of the PATH project to adjust their collections for the period prior to January 1, 2016, but instead directed them to issue refunds with interest associated with the decision in Opinion No. 554 as prospective credits against charges recovered after the decision pursuant to the annual update process described in the project owners’ formula rate protocols.²⁷ The PATH project owners began providing those credits through the annual update mechanism in 2018.²⁸ Because Opinion No. 554 is not final and because the issuance of refunds as credits against future charges, in accordance that decision by the owners of the PATH project ensures that the Transmission Enhancement Adjustments reflect only the amounts the Commission authorizes them to recover prior to January 1, 2016, no adjustments are required under the Settlement, section 2.2(e)(1).

II. DOCUMENTS ENCLOSED

1. This transmittal letter;
2. Attachment A – Redlines of Schedule 12-C and Appendices and Schedule 12-Appendix, effective January 1, 2016 and forward; and
3. Attachment B – Clean Versions of Schedule 12-C and Appendices and Schedule 12-Appendix, effective January 1, 2016 and forward.

²⁶ *Potomac-Appalachian Transmission Highline, LLC*, Opinion No. 554, 158 FERC ¶ 61,050 (2017).

²⁷ *Id.* at PP 85-86.

²⁸ *See* Compliance Filing, Docket Nos. ER12-2708-005, *et al.* (filed March 20, 2017).

III. COMMUNICATIONS

The following individuals are designated for receipt of any communications regarding this filing:

Craig Glazer
Vice President – Federal Government Policy
PJM Interconnection, L.L.C. 1200
G Street, N.W. Suite 600
Washington, DC 20005
Ph: (202) 423-4743
Fax: (202) 393-7741
craig.glazer@pjm.com

Pauline Foley
Associate General Counsel
PJM Interconnection, L.L.C.
2750 Monroe Blvd.
Audubon, PA 19403
Ph: (610) 666-8248
Fax: (610) 666-8211
pauline.foley@pjm.com

IV. SERVICE

PJM has served a copy of this filing on all PJM Members and on all state utility regulatory commissions in the PJM Region by posting this filing electronically. In accordance with the Commission's regulations,²⁹ PJM will post a copy of this filing to the FERC filings section of its internet site, located at the following link: <http://www.pjm.com/documents/ferc-manuals/ferc-filings.aspx> with a specific link to the newly-filed document, and will send an e-mail on the same date as this filing to all PJM Members and all state utility regulatory commissions in the PJM Region³⁰ alerting them that this filing has been made by PJM and is available by following such link. If the document is not immediately available by using the referenced link, the document will be available through the referenced link within 24 hours of the filing. Also, a copy of this filing will be available on the FERC's eLibrary website located at the

²⁹ See 18C.F.R §§ 35.2(e) and 385.2010(f)(3) (2018).


³⁰ PJM already maintains, updates and regularly uses e-mail lists for all PJM Members and affected state commissions.

The Honorable Kimberly D. Bose, Secretary
PJM Interconnection, L.L.C.
July 30, 2018
Page 10

following link: <http://www.ferc.gov/docs-filing/elibrary.asp> in accordance with the

Commission's regulations and Order No. 714.

Respectfully submitted,

By: 
Pauline Foley
Associate General Counsel
PJM Interconnection, L.L.C.
2750 Monroe Blvd.
Audubon, PA 19403
Ph: (610) 666-8248
Fax: (610) 666-8211
pauline.foley@pjm.com

Craig Glazer
Vice President – Federal Government Policy
PJM Interconnection, L.L.C.
1200 G Street, N.W., Suite 600
Washington, D.C. 20005
Ph: (202) 423-4743
Fax: (202) 393-7741
craig.glazer@pjm.com


On behalf of PJM Interconnection, L.L.C.

Dated: July 30, 2018

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that I have this day caused to be served the foregoing document upon each person designated on the official service list compiled by the Secretary in this proceeding.

Dated at Audubon, PA, this 30th day of July, 2018.

By: 

Pauline Foley
Associate General Counsel
PJM Interconnection, L.L.C.
2750 Monroe Blvd.
Audubon, PA 19403
Ph: (610) 666-8248
Fax: (610) 666-8211
pauline.foley@pjm.com

On behalf of PJM Interconnection, L.L.C.

Attachment A

Revisions to Schedule 12-C Appendices B and C
of the PJM Open Access Transmission Tariff

(Marked / Redline Format)

SCHEDULE 12-C APPENDIX B***Allocations for Canceled Projects***

	<u>PATH</u>	<u>MAPP</u>
AEC	4.99 <u>5.01</u> %	3.94%
AEP	4.37 <u>4.39</u> %	0.00%
APS	9.22 <u>9.26</u> %	0.33%
ATSI	0.00%	0.00%
BGE	4.41 <u>4.43</u> %	34.52 <u>34.54</u> %
ComEd	0.00%	0.00%
Coned	0.00%	0.00%
Dayton	0.00%	0.00%
DEOK	0.00%	0.00%
DL	0.02%	0.00%
DPL	6.88 <u>6.91</u> %	14.68 <u>14.69</u> %
Dominion	10.77 <u>10.82</u> %	0.30%
EKPC	0.00%	0.00%
HTP	0.00%	0.00%
JCPL	11.59 <u>11.64</u> %	9.43%
ME	2.93 <u>2.94</u> %	2.16%
Neptune	1.11 <u>1.12</u> %	0.90%
PECO	14.45 <u>14.51</u> %	10.51 <u>10.52</u> %
PENELEC	0.00%	0.00%
PEPCO	6.08 <u>6.11</u> %	2.44%
PPL	6.36 <u>6.39</u> %	5.50%
PSEG	15.79 <u>15.86</u> %	14.37 <u>14.71</u> %
RE	0.59%	0.54%
UGI	0.00%	0.00%
ECP	0.44 <u>0.00</u> %	0.38 <u>0.00</u> %
TOTAL	100.00%	100.00%

Note: The above percentages apply to 50% of the responsibility to pay the Transmission Enhancement Charges for the identified Canceled Projects in accordance with section 3.b.ii.(2) of Schedule 12-C.

SCHEDULE 12-C APPENDIX C
TRANSMISSION ENHANCEMENT CHARGE ADJUSTMENTS

(Effective January 1, ~~2016~~2018)

Zone or MTF	TEC Adjustment Years 1-4 Without PATH	TEC Adjustment Years 1-4 PATH Only	Total TEC Adjustment Years 1 through 4	TEC Adjustment Years 5-10 Without PATH	TEC Adjustment Years 5-10 PATH Only	Total TEC Adjustment Years 5 through 10
AE	<u>-\$24,860.09</u> <u>-\$25,237.09</u>	<u>\$47,899.66</u> <u>\$48,626.05</u>	<u>\$23,039.57</u> <u>\$23,388.96</u>	<u>-\$10,418.79</u> <u>-\$10,576.79</u>	<u>\$20,074.61</u> <u>\$20,379.04</u>	<u>\$9,655.82</u> <u>\$9,802.25</u>
AEP	-\$2,444,812.18	-\$174,489.11	-\$2,619,301.30	-\$1,024,614.00	-\$73,127.90	-\$1,097,741.90
APS	<u>\$954,922.88</u> <u>\$969,404.16</u>	<u>\$52,440.01</u> <u>\$53,235.26</u>	<u>\$1,007,362.89</u> <u>\$1,022,639.42</u>	<u>\$400,205.53</u> <u>\$406,274.59</u>	<u>\$21,977.46</u> <u>\$22,310.75</u>	<u>\$422,182.99</u> <u>\$428,585.34</u>
ATSI	-\$1,093,902.38	-\$72,438.56	-\$1,166,340.94	-\$458,451.45	-\$30,358.80	-\$488,810.25
BGE	<u>\$1,281,971.91</u> <u>\$1,301,412.84</u>	<u>-\$2,640.98</u> <u>-\$2,681.03</u>	<u>\$1,279,330.93</u> <u>\$1,298,731.81</u>	<u>\$537,270.87</u> <u>\$545,418.51</u>	<u>-\$1,106.83</u> <u>-\$1,123.61</u>	<u>\$536,164.04</u> <u>\$544,294.90</u>
ComEd	-\$2,608,103.66	-\$221,693.57	-\$2,829,797.23	-\$1,093,049.01	-\$92,911.16	-\$1,185,960.17
ConEd	-\$70,904.37	-\$4,688.81	-\$75,593.18	-\$29,715.83	-\$1,965.07	-\$31,680.89
Dayton	-\$375,384.08	-\$34,767.87	-\$410,151.95	-\$157,322.42	-\$14,571.12	-\$171,893.54
Duke OH/KY	-\$302,715.79	-\$20,247.63	-\$322,963.42	-\$126,867.35	-\$8,485.73	-\$135,353.07
Duquesne	-\$318,588.72	-\$28,822.02	-\$347,410.74	-\$133,519.65	-\$12,079.23	-\$145,598.88
Delmarva DE	-\$157,754.97	\$37,622.55	-\$120,132.43	-\$66,114.67	\$15,767.50	-\$50,347.17
Delmarva MD	-\$97,639.85	\$22,956.13	-\$74,683.72	-\$40,920.59	\$9,620.85	-\$31,299.74
Delmarva VA	-\$13,369.07	\$3,188.35	-\$10,180.71	-\$5,602.94	\$1,336.23	-\$4,266.71
Dominion	<u>\$2,548,417.01</u> <u>\$2,587,063.40</u>	<u>-\$29,708.12</u> <u>\$30,158.64</u>	<u>\$2,518,708.88</u> <u>\$2,556,904.76</u>	<u>\$1,068,034.50</u> <u>\$1,084,231.09</u>	<u>-\$12,450.59</u> <u>-\$12,639.40</u>	<u>\$1,055,583.90</u> <u>\$1,071,591.69</u>
EKPC	-\$88,156.35	-\$3,920.00	-\$92,076.35	-\$36,946.08	-\$1,642.86	-\$38,588.94
HTP	<u>\$67,459.71</u> <u>\$0.00</u>	<u>-\$392.30</u> <u>\$0.00</u>	<u>\$67,067.41</u> <u>\$0.00</u>	<u>\$28,272.18</u> <u>\$0.00</u>	<u>-\$164.41</u> <u>\$0.00</u>	<u>\$28,107.76</u> <u>\$0.00</u>
JCPL	<u>\$684,836.11</u> <u>\$695,221.56</u>	<u>\$113,570.16</u> <u>\$115,292.43</u>	<u>\$798,406.27</u> <u>\$810,513.99</u>	<u>\$287,012.91</u> <u>\$291,365.43</u>	<u>\$47,596.94</u> <u>\$48,318.74</u>	<u>\$334,609.85</u> <u>\$339,684.16</u>
MedEd	-\$290,626.73	\$14,498.19	-\$276,128.54	-\$121,800.86	\$6,076.15	-\$115,724.70
Neptune	<u>\$63,553.63</u> <u>\$64,517.41</u>	<u>\$10,067.97</u> <u>\$10,220.65</u>	<u>\$73,621.60</u> <u>\$74,738.06</u>	<u>\$26,635.15</u> <u>\$27,039.07</u>	<u>\$4,219.46</u> <u>\$4,283.45</u>	<u>\$30,854.61</u> <u>\$31,322.51</u>
PECO	-\$766,990.16	\$132,927.71	-\$634,062.44	-\$321,443.45	\$55,709.64	-\$265,733.81
Penelec	-\$224,425.28	-\$30,009.25	-\$254,434.53	-\$94,056.01	-\$12,576.79	-\$106,632.80
PEPCO DC	<u>\$787,856.55</u> <u>\$799,804.28</u>	<u>\$9,072.91</u> <u>\$9,210.50</u>	<u>\$796,929.46</u> <u>\$809,014.78</u>	<u>\$330,188.49</u> <u>\$335,195.76</u>	<u>\$3,802.43</u> <u>\$3,860.10</u>	<u>\$333,990.92</u> <u>\$339,055.85</u>
PEPCO MD	<u>\$1,145,526.02</u> <u>\$1,162,897.77</u>	<u>\$13,215.00</u> <u>\$13,415.41</u>	<u>\$1,158,741.03</u> <u>\$1,176,313.18</u>	<u>\$480,086.78</u> <u>\$487,367.23</u>	<u>\$5,538.37</u> <u>\$5,622.36</u>	<u>\$485,625.15</u> <u>\$492,989.59</u>
PEPCO SMECO	<u>\$273,479.45</u> <u>\$277,626.73</u>	<u>\$3,154.91</u> <u>\$3,202.75</u>	<u>\$276,634.36</u> <u>\$280,829.48</u>	<u>\$114,614.48</u> <u>\$116,352.59</u>	<u>\$1,322.21</u> <u>\$1,342.27</u>	<u>\$115,936.69</u> <u>\$117,694.86</u>
PPL EU	-\$786,877.08	\$20,174.85	-\$766,702.23	-\$329,778.00	\$8,455.23	-\$321,322.78
PPL UGI	-\$40.31	\$0.00	-\$40.31	-\$16.89	\$0.00	-\$16.89
PSEG	<u>\$1,713,725.35</u> <u>\$1,739,713.76</u>	<u>\$135,477.48</u> <u>\$137,531.98</u>	<u>\$1,849,202.83</u> <u>\$1,877,245.74</u>	<u>\$718,217.54</u> <u>\$729,109.21</u>	<u>\$56,778.24</u> <u>\$57,639.27</u>	<u>\$774,995.77</u> <u>\$786,748.48</u>
Rockland	<u>\$63,940.65</u> <u>\$64,910.31</u>	<u>\$4,698.27</u> <u>\$4,769.52</u>	<u>\$68,638.92</u> <u>\$69,679.82</u>	<u>\$26,797.35</u> <u>\$27,203.73</u>	<u>\$1,969.03</u> <u>\$1,998.89</u>	<u>\$28,766.38</u> <u>\$29,202.62</u>
East Coast Power	<u>\$79,461.78</u> <u>\$0.00</u>	<u>\$2,854.08</u> <u>\$0.00</u>	<u>\$82,315.86</u> <u>\$0.00</u>	<u>\$33,302.21</u> <u>\$0.00</u>	<u>\$1,196.14</u> <u>\$0.00</u>	<u>\$34,498.35</u> <u>\$0.00</u>

Attachment B

Revisions to Schedule 12-C Appendices B and C
of the PJM Open Access Transmission Tariff

(Clean Format)

SCHEDULE 12-C APPENDIX B***Allocations for Canceled Projects***

	<u>PATH</u>	<u>MAPP</u>
AEC	5.01%	3.94%
AEP	4.39%	0.00%
APS	9.26%	0.33%
ATSI	0.00%	0.00%
BGE	4.43%	34.54%
ComEd	0.00%	0.00%
Coned	0.00%	0.00%
Dayton	0.00%	0.00%
DEOK	0.00%	0.00%
DL	0.02%	0.00%
DPL	6.91%	14.69%
Dominion	10.82%	0.30%
EKPC	0.00%	0.00%
HTP	0.00%	0.00%
JCPL	11.64%	9.43%
ME	2.94%	2.16%
Neptune	1.12%	0.90%
PECO	14.51%	10.52%
PENELEC	0.00%	0.00%
PEPCO	6.11%	2.44%
PPL	6.39%	5.50%
PSEG	15.86%	14.71%
RE	0.59%	0.54%
UGI	0.00%	0.00%
ECP	0.00%	0.00%
TOTAL	100.00%	100.00%

Note: The above percentages apply to 50% of the responsibility to pay the Transmission Enhancement Charges for the identified Canceled Projects in accordance with section 3.b.ii.(2) of Schedule 12-C.

SCHEDULE 12-C APPENDIX C
TRANSMISSION ENHANCEMENT CHARGE ADJUSTMENTS
(Effective January 1, 2018)

Zone or MTF	TEC Adjustment Years 1-4 Without PATH	TEC Adjustment Years 1-4 PATH Only	Total TEC Adjustment Years 1 through 4	TEC Adjustment Years 5-10 Without PATH	TEC Adjustment Years 5-10 PATH Only	Total TEC Adjustment Years 5 through 10
AE	-\$25,237.09	\$48,626.05	\$23,388.96	-\$10,576.79	\$20,379.04	\$9,802.25
AEP	-\$2,444,812.18	-\$174,489.11	-\$2,619,301.30	-\$1,024,614.00	-\$73,127.90	-\$1,097,741.90
APS	\$969,404.16	\$53,235.26	\$1,022,639.42	\$406,274.59	\$22,310.75	\$428,585.34
ATSI	-\$1,093,902.38	-\$72,438.56	-\$1,166,340.94	-\$458,451.45	-\$30,358.80	-\$488,810.25
BGE	\$1,301,412.84	-\$2,681.03	\$1,298,731.81	\$545,418.51	-\$1,123.61	\$544,294.90
ComEd	-\$2,608,103.66	-\$221,693.57	-\$2,829,797.23	-\$1,093,049.01	-\$92,911.16	-\$1,185,960.17
ConEd	-\$70,904.37	-\$4,688.81	-\$75,593.18	-\$29,715.83	-\$1,965.07	-\$31,680.89
Dayton	-\$375,384.08	-\$34,767.87	-\$410,151.95	-\$157,322.42	-\$14,571.12	-\$171,893.54
Duke OH/KY	-\$302,715.79	-\$20,247.63	-\$322,963.42	-\$126,867.35	-\$8,485.73	-\$135,353.07
Duquesne	-\$318,588.72	-\$28,822.02	-\$347,410.74	-\$133,519.65	-\$12,079.23	-\$145,598.88
Delmarva DE	-\$157,754.97	\$37,622.55	-\$120,132.43	-\$66,114.67	\$15,767.50	-\$50,347.17
Delmarva MD	-\$97,639.85	\$22,956.13	-\$74,683.72	-\$40,920.59	\$9,620.85	-\$31,299.74
Delmarva VA	-\$13,369.07	\$3,188.35	-\$10,180.71	-\$5,602.94	\$1,336.23	-\$4,266.71
Dominion	\$2,587,063.40	-\$30,158.64	\$2,556,904.76	\$1,084,231.09	-\$12,639.40	\$1,071,591.69
EKPC	-\$88,156.35	-\$3,920.00	-\$92,076.35	-\$36,946.08	-\$1,642.86	-\$38,588.94
HTP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
JCPL	\$695,221.56	\$115,292.43	\$810,513.99	\$291,365.43	\$48,318.74	\$339,684.16
MedEd	-\$290,626.73	\$14,498.19	-\$276,128.54	-\$121,800.86	\$6,076.15	-\$115,724.70
Neptune	\$64,517.41	\$10,220.65	\$74,738.06	\$27,039.07	\$4,283.45	\$31,322.51
PECO	-\$766,990.16	\$132,927.71	-\$634,062.44	-\$321,443.45	\$55,709.64	-\$265,733.81
Penelec	-\$224,425.28	-\$30,009.25	-\$254,434.53	-\$94,056.01	-\$12,576.79	-\$106,632.80
PEPCO DC	\$799,804.28	\$9,210.50	\$809,014.78	\$335,195.76	\$3,860.10	\$339,055.85
PEPCO MD	\$1,162,897.77	\$13,415.41	\$1,176,313.18	\$487,367.23	\$5,622.36	\$492,989.59
PEPCO SMECO	\$277,626.73	\$3,202.75	\$280,829.48	\$116,352.59	\$1,342.27	\$117,694.86
PPL EU	-\$786,877.08	\$20,174.85	-\$766,702.23	-\$329,778.00	\$8,455.23	-\$321,322.78
PPL UGI	-\$40.31	\$0.00	-\$40.31	-\$16.89	\$0.00	-\$16.89
PSEG	\$1,739,713.76	\$137,531.98	\$1,877,245.74	\$729,109.21	\$57,639.27	\$786,748.48
Rockland	\$64,910.31	\$4,769.52	\$69,679.82	\$27,203.73	\$1,998.89	\$29,202.62
East Coast Power	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00