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January 15, 2019

The Honorable Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E.  
Washington, D.C. 20426

**Re: Virginia Electric and Power Company  
Informational Filing of 2019 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 2019 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”).<sup>1</sup> As provided in Section 1(c) of Attachment H-16B, this 2019 Annual Update is an Informational Filing that does not require any Commission action.<sup>2</sup>

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

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<sup>1</sup> 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 Federal Energy Regulatory Commission (“FERC” or the “Commission”) 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 and Power Co.*, unpublished letter order issued on December 15, 2008 in Docket Nos.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).

<sup>2</sup> 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.”).

- 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
  - (iii) An explanation of any change 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 2019 ATRR and NITS rate, the 2017 True-Up Adjustment, and the Dominion Zone NSPL for 2019 (shown in the calculation of the NITS rate).<sup>3</sup> The two parts of Attachment A are as follows:

Part 1 – The transmission formula based on 2019 projections, which includes the ATRR for 2019 (page 4, line 168), NITS rate for 2019 (page 4, line 171), True-Up Adjustment for 2017 (page 4, line 163), and NSPL for 2019 (page 4, line 169) (“2019 Projection”).

Part 2 – The transmission formula based on 2017 actual data, which is used to calculate the True-Up Adjustment for 2017, without interest.

On July 17, 2014, the Commission Staff published “Staff’s Guidance on Formula Rate Updates.”<sup>4</sup> 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 work papers supporting the 2017 True-Up Adjustment.

## **II. Estimate of NSPL of Dominion Zone**

Dominion updated the estimated 2019 Dominion Zone NSPL, included in the September 17, 2018 posting<sup>5</sup> of the Annual Update, to reflect PJM’s December 21, 2018 posting of the official 2018 Dominion Zone NSPL (21,232.0 MW).<sup>6</sup>

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<sup>3</sup> 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>

<sup>4</sup> Available here: <http://www.ferc.gov/industries/electric/indus-act/oatt-reform/staff-guidance.pdf>

<sup>5</sup> Although Attachment H-16B states that the posting is to occur by September 15 each year, September 15, 2018 fell on a Saturday; accordingly, the posting was made on the next business day, Monday, September 17, 2018.

### III. Further Explanations

Pursuant to Attachment H-16B to the PJM OATT, on June 15, 2018, Dominion posted the calculations for the 2017 True-Up Adjustment on the PJM website, followed by a posting of the Annual Update on September 17, 2018. In accordance with Section 1 of Attachment H-16B to the PJM OATT, the September 17 posting included a statement that “there were no Material Accounting Changes during the twelve months ending August 31, 2018.” As detailed further herein, Dominion has made certain revisions to the Annual Update. Dominion posted revisions related to the 2017 True-Up Adjustment calculations on October 4, 2018. On October 5, 2018, Dominion posted revisions to the 2019 Projection; as detailed further below, Dominion has made an additional adjustment to the 2019 Projection in accordance with a Commission order issued in late December 2018.

As explained in the September 17, 2018 posting, on November 20, 2017 (as amended on January 29, 2018), Dominion filed certain changes to the formula rate to comply with the requirements of FERC Opinion No. 555.<sup>7</sup> The changes incorporated Attachments 10, 10A, and 10B and revised Attachment 3, reflecting allocation of incremental costs to each Network Customer for their Virginia loads in the Dominion Zone for the Garrisonville, Pleasant View, and NIVO projects.<sup>8</sup> The Total Incremental Undergrounding Costs Revenue Requirement includes a 2019 Projection component as well as a 2017 True-Up component with interest. For calculating the ATRR and rate for NITS in the 2019 Projection, the Total Incremental Undergrounding Costs Revenue Requirement amount has been included in the calculation of revenue credits in Attachment 3 pursuant to the guidelines in Attachment 3 and Attachment 10. The proposed revised changes were accepted by order on July 5, 2018, effective October 19, 2017.<sup>9</sup> These changes are used in the 2019 Projection as provided in the Excel file.

Section 1(c) of Attachment H-16B requires that any changes to an Annual Update agreed upon by Dominion and any Interested Parties must be made no later than December 18. Subsequent to Dominion’s September 17, 2018 posting of the Annual Update, inquiries, discussions with certain Interested Parties, and additional internal review resulted in changes

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<sup>6</sup> PJM’s posted document is available here: <https://www.pjm.com/-/media/markets-ops/settlements/network-service-peak-loads-2019.ashx?la=en>

<sup>7</sup> *Old Dominion Elec. Coop. v. Va. Elec. And Power Co.*, 161 FERC ¶ 61,054 (2018).

<sup>8</sup> *Va. Elec. and Power Co.*, Docket Nos. EL10-49-006, EL10-49-007, and ER18-318-001, Compliance Filing of Virginia Electric and Power Company (Nov. 20, 2017), *Va. Elec. and Power Co.*, Docket No. ER18-318-001, Amendment to Pending Compliance Filing (Jan. 29, 2018).

<sup>9</sup> *Old Dominion Elec. Coop. v. Va. Elec. And Power Co.*, 164 FERC ¶ 61,006 (2018).

being made to the 2017 True-Up Adjustment and the 2019 Projection formula calculations from the original postings on PJM's website. These changes are detailed below.

Posted Revisions to 2017 True-Up Adjustment

On October 4, 2018, Dominion posted on PJM's website, updated calculations to the 2017 True-Up Adjustment, which included the following changes since the original posting in June 2018:

- Dominion updated the original Accumulated Deferred Income Tax ("ADIT") balances used to populate the 2017 True-Up for certain non-plant items to correctly reflect the pre-2018 tax rate of 35%. The original population was erroneously based off the 21% tax rate resulting from the Tax Cut and Jobs Act, which was effective January 1, 2018.
- The monthly Electric Plant Acquisition Adjustments Amounts on Attachment 5 were corrected to reflect the Acquisition Adjustments Amounts to be consistent for each applicable month. Moreover, the beginning balance for the ADIT Attributable to Acquisition Adjustments was corrected to reflect a zero balance, while the year-end balance was slightly reduced.
- The Virginia portion of the Dominion Zone NSPL was erroneously calculated in Attachment 10 of the 2017 True-Up. It was revised to reflect the correct NSPL input on Line 6 of Attachment 10.

Posted Revisions to 2019 Projection

Dominion also made some changes to its 2019 Projection originally posted on PJM's website on September 17, 2018. These changes were the result of revisions precipitated by the above-noted changes to the 2017 True-Up Adjustment, and were posted to the PJM website on October 5, 2018. The changes to the 2019 Projection included the following:

- Dominion adjusted Attachment 6, the True-up Adjustment for Network Integration Transmission Service, at Line A to reflect the changes in 2017 True-Up ATRR discussed above.
- Attachment 10B, Line 13 of the 2019 Projection was revised to reflect the change in 2017 True-Up actual costs for each of the Underground Projects, causing a slight reduction in the Total Incremental Undergrounding Costs Revenue Requirement located on Attachment 10, Lines 3 and 4.

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ADIT Adjustments in Response to EL18-167

Finally, as part of this instant informational filing, Dominion has revised its 2019 Projection to eliminate use of the two-step averaging methodology used to calculate the ADIT component of rate base.<sup>10</sup> In response to the Commission's Section 206 proceeding regarding Dominion's (and others') use of ADIT balances in projected rates and true-ups,<sup>11</sup> Dominion proposed to prorate the previously identified ADIT amounts and to use the ending balance only, instead of an average of the beginning and ending balances.<sup>12</sup> Dominion stated that if the Commission issued an order before the end of 2018 accepting Dominion's proposal for the projected period, Dominion would adjust the projected rates for 2019 effective PJM billings for January 2019.<sup>13</sup>

On December 20, 2018, the Commission issued its order accepting Dominion's proposal. As reflected in the spreadsheets attached hereto, Dominion has adjusted its 2019 Projection to reflect these changes, which result in a reduction in the amount of approximately \$775,000 to the projected 2019 ATRR. Specifically, on Attachment 1B of the formula rate, "Projected Accumulated Deferred Federal Income Taxes Associated with Pro-rata Liberalized Depreciation," four line items that previously referenced the beginning balance for the projected period for items subject to proration now reference the ending, prorated balance.<sup>14</sup>

Although these ADIT-related changes to the 2019 Annual Update have not yet been posted to the PJM website, Dominion is including them herein in order to carry out its implementation proposal discussed above. For informational purposes Dominion has included herewith a PDF of Attachment 1B in redline showing the changes.

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<sup>10</sup> This is the methodology the Commission approved in *Va. Elec. and Power Co.*, 165 FERC ¶ 61,239 (2018) ("December 20 Order"). Dominion acknowledges that the ADIT adjustments to the 2019 Projection remain subject to the Commission's acceptance of its forthcoming compliance filing in Docket No. EL18-167, which Dominion will submit to the Commission no later than January 22, 2019, in accordance with the December 20 Order.

<sup>11</sup> *Ameren Illinois Co. et al.*, 163 FERC ¶ 61,200 (2018).

<sup>12</sup> *Va. Elec. and Power Co.*, Docket No. EL18-167-000, Initial Brief of Virginia Electric and Power Company (Aug. 27, 2018).

<sup>13</sup> *Id.* at 12.

<sup>14</sup> The four line items are 1) line number 17 on Part 1: Account 282, Transmission Plant In Service, 2) line number 14 on Part 2: Account 282, General Plant, 3) line number 14 on Part 3: Account 282, Computer Software – Book Amortization, and 4) line number 14 on Part 4: Account 282, Computer Software – Tax Amortization. These four line items were input in line numbers 1 through 4 of Attachment 1A, "Accumulated Deferred Income Tax (ADIT) Worksheet - December 31 of the Previous Year" such that when the ending balance for the previous year was averaged with the ending balance of the current year, the mathematical result is the ending balance of the current year for these prorated line items only (i.e., other ADIT line items that are not subject to proration are still an average of the beginning and ending balances). The averaging computation was done on lines 19 through 21 on Attachment 1, "Accumulated Deferred Income Tax (ADIT) Worksheet - December 31 of the Current Year."

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**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) (2018).

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/ Anne K. Dailey

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## **CERTIFICATE OF SERVICE**

I hereby certify that on this 15th day of January, 2019, I have caused a copy of the foregoing document to be served electronically on each person listed on the Secretary's official service list for the above-referenced proceeding.

/s/ Anne K. Dailey

TROUTMAN SANDERS LLP  
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**Attachment A – Part 1**  
**2019 Projection**



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

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**Formula Rate -- Appendix A**  
**Shaded cells are input cells**

Notes

Instruction ( Note H)

2019

(000's)

**Allocators**

<b>Wages &amp; Salary Allocation Factor</b>				
1	Transmission Wages Expense	p354.21b/ Attachment 5	\$	46,344
2	Less Generator Step-ups	Attachment 5		15
3	Net Transmission Wage Expenses	(Line 1 - 2)		46,329
4	Total Wages Expense	p354.28b/Attachment 5		643,394
5	Less A&G Wages Expense	p354.27b/Attachment 5		89,022
6	Total	(Line 4 - 5)	\$	554,372

<b>7</b>	<b>Wages &amp; Salary Allocator</b>	(Note B)	(Line 3 / 6)	<b>8.3570%</b>
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<b>Plant Allocation Factors</b>				
8	Electric Plant in Service	(Notes A & Q)	p207.104.g/Attachment 5	\$ 42,942,198
9	Common Plant In Service - Electric		(Line 26)	0
10	Total Plant In Service		(Sum Lines 8 & 9)	42,942,198
11	Accumulated Depreciation (Total Electric Plant)	(Notes A & Q)	(Line 15 - 14 - 13 - 12 )	13,343,344
12	Accumulated Intangible Amortization	(Notes A & Q)	p200.21c/Attachment 5	142,048
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	13,485,392
16	Net Plant		(Line 10 - 15)	29,456,807
17	Transmission Gross Plant		(Line 31 - 30)	9,179,975
<b>18</b>	<b>Gross Plant Allocator</b>	(Note B)	(Line 17 / 10)	<b>21.3775%</b>
19	Transmission Net Plant		(Line 44 - 30)	\$ 7,543,974
<b>20</b>	<b>Net Plant Allocator</b>	(Note B)	(Line 19 / 16)	<b>25.6103%</b>

**Plant Calculations**

<b>Plant In Service</b>				
21	Transmission Plant In Service	(Notes A & Q)	p207.58.g/Attachment 5	\$ 9,600,278
22	Less: Generator Step-ups	(Notes A & Q)	Attachment 5	344,466
23	Less: Interconnect Facilities Installed After March 15, 2000	(Notes A & Q)	Attachment 5	169,914
24	<b>Total Transmission Plant In Service</b>		(Lines 21 - 22 - 23 )	<b>9,085,898</b>
25	General & Intangible	(Notes A & Q)	p205.5.g + p207.99.g/Attachment 5	1,125,730
26	Common Plant (Electric Only)		p356/Attachment 5	0
27	Total General & Common		(Line 25 + 26)	1,125,730
28	Wage & Salary Allocation Factor		(Line 7)	8.3570%
29	<b>General &amp; Common Plant Allocated to Transmission</b>		(Line 27 * 28)	<b>\$ 94,077</b>
30	<b>Plant Held for Future Use (Including Land)</b>	(Notes C & Q)	p214.47.d/Attachment 5	<b>\$ 4,513</b>
<b>31</b>	<b>TOTAL Plant In Service</b>		<b>(Line 24 + 29 + 30)</b>	<b>\$ 9,184,488</b>
<b>Accumulated Depreciation</b>				
32	Transmission Accumulated Depreciation	(Notes A & Q)	p219.25.c/Attachment 5	\$ 1,710,354
33	Less Accumulated Depreciation for Generator Step-ups	(Notes A & Q)	Attachment 5	97,496
34	Less Accumulated Depreciation for Interconnect Facilities Installed After March 15, 2000	(Notes A & Q)	Attachment 5	21,435
35	Total Accumulated Depreciation for Transmission		(Line 32 - 33 - 34)	1,591,423
36	Accumulated General Depreciation	(Notes A & Q)	p219.28.b/Attachment 5	391,378
37	Accumulated Intangible Amortization	(Notes A & Q)	(Line 12)	142,048
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)	533,426
41	Wage & Salary Allocation Factor		(Line 7)	8.3570%
42	<b>General &amp; Common Allocated to Transmission</b>		(Line 40 * 41)	<b>44,578</b>
<b>43</b>	<b>TOTAL Accumulated Depreciation</b>		<b>(Line 35 + 42)</b>	<b>\$ 1,636,001</b>
<b>44</b>	<b>TOTAL Net Property, Plant &amp; Equipment</b>		<b>(Line 31 - 43)</b>	<b>\$ 7,548,487</b>

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

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**Formula Rate -- Appendix A**

Notes

Instruction ( Note H)

2019

**Adjustment To Rate Base**

<b>Accumulated Deferred Income Taxes</b>				
45	Average Balance	(Note U)	Attachment 1	\$ (1,587,926)
45A	Accumulated Deferred Income Taxes Attributable To Acquisition Adjustments		Attachment 5	\$ (266)
46	Accumulated Deferred Income Taxes Allocated To Transmission		(Line 45 + 45A)	\$ (1,588,192)
<b>Transmission O&amp;M Reserves</b>				
47	Total Balance Transmission Related Account 242 Reserves	Enter Negative	Attachment 5	\$ (17,187)
<b>Unamortized Excess/Deficient Deferred Income Taxes</b>				
47A	Unamortized Exc/Def Deferral		Attachment 5	\$ (2,280)
<b>Prepayments</b>				
48	Prepayments	(Notes A & R)	Attachment 5	\$ 2,001
49	Total Prepayments Allocated to Transmission		(Line 48)	\$ 2,001
<b>Materials and Supplies</b>				
50	Undistributed Stores Exp	(Notes A & R)	p227.6c & 16.c	\$ -
51	Wage & Salary Allocation Factor		(Line 7)	8,3570%
52	Total Transmission Allocated Materials and Supplies		(Line 50 * 51)	0
53	Transmission Materials & Supplies		p227.8c/2	28,638
54	Total Materials & Supplies Allocated to Transmission		(Line 52 + 53)	\$ 28,638
<b>Cash Working Capital</b>				
55	Transmission Operation & Maintenance Expense		(Line 85)	\$ 127,942
56	1/8th Rule		x 1/8	12.5%
57	Total Cash Working Capital Allocated to Transmission		(Line 55 * 56)	\$ 15,993
<b>Network Credits</b>				
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
<b>Electric Plant Acquisition Adjustments Approved by FERC</b>				
60A	Acquisition Adjustments Amount		Attachment 5	\$ 8,804
60B	Accumulated Provision for Amortization of Line 60A Amount		Attachment 5	392
60C	Transmission Plant Unamortized Acquisition Adjustments Amount		(Line 60A - 60B)	\$ 8,411

61	<b>TOTAL Adjustment to Rate Base</b>		(Line 46 + 47 + 47A + 49 + 54 + 57 - 60 + 60C)	\$ (1,552,616)
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62	<b>Rate Base</b>		(Line 44 + 61)	\$ 5,995,871
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**O&M**

<b>Transmission O&amp;M</b>				
63	Transmission O&M		p321.112.b/Attachment 5	\$ 73,264
64	Less GSU Maintenance		Attachment 5	18
65	Less Account 565 - Transmission by Others		p321.96.b/Attachment 5	(27,175)
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)	\$ 100,422
<b>Allocated General &amp; Common Expenses</b>				
68	Common Plant O&M	(Note A)	p356	0
69	Total A&G		Attachment 5	347,867
70	Less Property Insurance Account 924		p323.185b	10,083
71	Less Regulatory Commission Exp Account 928	(Note E)	p323.189b/Attachment 5	33,057
72	Less General Advertising Exp Account 930.1		p323.911b/Attachment 5	5,517
73	Less EPR1 Dues	(Note D)	p352-353/Attachment 5	3,734
74	General & Common Expenses		(Lines 68 + 69) - Sum (70 to 73)	\$ 295,476
75	Wage & Salary Allocation Factor		(Line 7)	8,3570%
76	General & Common Expenses Allocated to Transmission		(Line 74 * 75)	\$ 24,693
<b>Directly Assigned A&amp;G</b>				
77	Regulatory Commission Exp Account 928	(Note G)	p323.189b/Attachment 5	\$ 245
78	General Advertising Exp Account 930.1	(Note K)	p323.191b	0
79	Subtotal - Transmission Related		(Line 77 + 78)	245
80	Property Insurance Account 924		p323.185b	10,083
81	General Advertising Exp Account 930.1	(Note F)	Attachment 5	0
82	Total		(Line 80 + 81)	10,083
83	Net Plant Allocation Factor		(Line 20)	25.6103%
84	A&G Directly Assigned to Transmission		(Line 82 * 83)	\$ 2,582
85	<b>Total Transmission O&amp;M</b>		(Line 67 + 76 + 79 + 84)	\$ 127,942

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

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**Formula Rate -- Appendix A**

Notes

Instruction ( Note H)

2019

**Depreciation & Amortization Expense**

<b>Depreciation Expense</b>				
86	Transmission Depreciation Expense	(Notes A and S)	p336.7b&c/Attachment 5	\$ 240,909
87	Less: GSU Depreciation		Attachment 5	10,517
88	Less Interconnect Facilities Depreciation		Attachment 5	5,188
89	Extraordinary Property Loss		Attachment 5	0
90	Total Transmission Depreciation		(Line 86 - 87 - 88 + 89)	225,204
90A	Amortization of Acquisition Adjustments		Attachment 5	205
91	General Depreciation	(Note A)	p336.10b&c&d/Attachment 5	43,517
92	Intangible Amortization	(Note A)	p336.1d&e/Attachment 5	35,071
93	Total		(Line 91 + 92)	78,588
94	Wage & Salary Allocation Factor		(Line 7)	8.3570%
95	<b>General and Intangible Depreciation Allocated to Transmission</b>		(Line 93 * 94)	6,568
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)	8.3570%
100	<b>Common Depreciation - Electric Only Allocated to Transmission</b>		(Line 98 * 99)	0

101	<b>Total Transmission Depreciation &amp; Amortization</b>		<b>(Line 90 + 90A + 95 + 100)</b>	<b>\$ 231,977</b>
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**Taxes Other than Income**

102	<b>Taxes Other than Income</b>		Attachment 2	\$ 64,862
103	<b>Total Taxes Other than Income</b>		<b>(Line 102)</b>	<b>\$ 64,862</b>

**Return / Capitalization Calculations**

<b>Long Term Interest</b>				
104	Long Term Interest	(Note T)	p117.62c through 67c/Attachment 5	\$ 511,009
105	Less LTD Interest on Securitization Bonds	(Note P)	Attachment 8	0
106	<b>Long Term Interest</b>		(Line 104 - 105)	\$ 511,009
107	<b>Preferred Dividends</b>	(Note T), enter positive	p118.29c	\$ -
<b>Common Stock</b>				
108	Proprietary Capital		p112.16c,d/2	\$ 12,044,332
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	\$ (54,340)
111	<b>Common Stock</b>		(Sum Lines 108 to 110)	\$ 11,989,992
<b>Capitalization</b>				
112	Long Term Debt		p112.24c,d/2	\$ 11,005,768
113	Less Loss on Reacquired Debt	(Note T), enter negative	p111.81c,d/2	\$ (1,869)
114	Plus Gain on Reacquired Debt	(Note T), enter positive	p113.61c,d/2	\$ 3,294
115	Less LTD on Securitization Bonds	(Note P)	(Note T), enter negative Attachment 8	0
116	<b>Total Long Term Debt</b>		(Sum Lines 112 to 115)	11,007,193
117	Preferred Stock	(Note T), enter positive	p112.3c,d/2	0
118	Common Stock		(Line 111)	11,989,992
119	<b>Total Capitalization</b>		(Sum Lines 116 to 118)	\$ 22,997,186
120	Debt %	Total Long Term Debt	(Line 116 / 119)	47.9%
121	Preferred %	Preferred Stock	(Line 117 / 119)	0.0%
122	Common %	Common Stock	(Line 118 / 119)	52.1%
123	Debt Cost	Total Long Term Debt	(Line 106 / 116)	0.0464
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)	0.0222
127	Weighted Cost of Preferred	Preferred Stock	(Line 121 * 124)	0.0000
128	Weighted Cost of Common	Common Stock	(Line 122 * 125)	0.0594
129	<b>Total Return ( R )</b>		(Sum Lines 126 to 128)	<b>0.0817</b>
130	<b>Investment Return = Rate Base * Rate of Return</b>		<b>(Line 62 * 129)</b>	<b>489,601</b>

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

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**Formula Rate -- Appendix A**

Notes

Instruction ( Note H)

2019

**Composite Income Taxes**

<b>Income Tax Rates</b>				
131	FIT=Federal Income Tax Rate		Attachment 5	21.00%
132	SIT=State Income Tax Rate or Composite	(Note I)	Attachment 5	5.85%
133	p	(percent of federal income tax deductible for state purposes)	Per State Tax Code	0.00%
134	T	$T=1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\}$		25.62%
135	T/(1-T)			34.45%
<b>Transmission Related Income Tax Adjustments</b>				
136	Amortized Investment Tax Credit (ITC)	(Note I) enter negative	Attachment 1	\$ (128)
136A	Other Income Tax Adjustments		Attachment 5	\$ (2,729)
137	T/(1-T)		(Line 135)	34.45%
138	<b>Transmission Income Taxes - Income Tax Adjustments</b>		$((\text{Line } 136 + 136A) * (1 + \text{Line } 137))$	<b>\$ (3,842)</b>
139	<b>Transmission Income Taxes - Equity Return =</b>	$CIT=(T/(1-T) * \text{Investment Return} * (1-(WCLTD/R))) =$	$[\text{Line } 135 * 130 * (1-(126 / 129))]$	<b>122,764</b>
140	<b>Total Transmission Income Taxes</b>		<b>(Line 138 + 139)</b>	<b>118,922</b>
<b>REVENUE REQUIREMENT</b>				
<b>Summary</b>				
141	Net Property, Plant & Equipment	(Line 44)	\$	7,548,487
142	Adjustment to Rate Base	(Line 61)		(1,552,616)
143	<b>Rate Base</b>	(Line 62)	<b>\$</b>	<b>5,995,871</b>
144	O&M	(Line 85)		127,942
145	Depreciation & Amortization	(Line 101)		231,977
146	Taxes Other than Income	(Line 103)		64,862
147	Investment Return	(Line 130)		489,601
148	Income Taxes	(Line 140)		118,922
149				
150	<b>Revenue Requirement</b>		<b>(Sum Lines 144 to 149)</b>	<b>\$ 1,033,304</b>
<b>Acquisition Adjustments Revenue Requirement</b>				
150A	Acquisition Adjustments Return	$\text{Line } 129 * (60C + 45A)$	\$	665
150B	Acquisition Adjustments Income Taxes	$[\text{Line } 135 * 150A * (1 - (126 / 129))]$		167
150C	Amortization of Acquisition Adjustments	(Line 90A)		205
150D	<b>Acquisition Adjustments Revenue Requirement</b>	$(\text{Line } 150A + 150B + 150C)$	<b>\$</b>	<b>1,037</b>
<b>Net Plant Carrying Charge</b>				
151	Revenue Requirement excluding Acquisition Adjustments Revenue Requirement	(Line 150 - 150D)	\$	1,032,267
152	Net Transmission Plant	(Line 24 - 35)		7,494,475
153	Net Plant Carrying Charge without Acquisition Adjustments	(Line 151 / 152)		13.7737%
154	Net Plant Carrying Charge without Acquisition Adjustments and Depreciation	$(\text{Line } 151 - 86) / 152$		10.5592%
155	Net Plant Carrying Charge without Acquisition Adjustments, Depreciation, Return or Income Taxes	$(\text{Line } 150 - 86 - 90A - 130 - 140) / 152$		2.4507%
<b>Net Plant Carrying Charge Calculation with 100 Basis Point increase in ROE</b>				
156	Gross Revenue Requirement Less Return, Income Taxes, and Amortization of Acquisition Adjustments	(Line 150 - 147 - 148 - 90A)	\$	424,576
157	Increased Return and Taxes	Attachment 4		649,664
158	Net Revenue Requirement excluding Acquisition Adjustments Rev. Req. with 100 Basis Point increase in ROE	(Line 156 + 157)		1,074,240
159	Net Transmission Plant	(Line 152)		7,494,475
160	Net Plant Carrying Charge with 100 Basis Point increase in ROE without Acquisition Adjustments	(Line 158 / 159)		14.3338%
161	Net Plant Carrying Charge with 100 Basis Point increase in ROE without Acquisition Adjustments and Depreciation	$(\text{Line } 158 - 86) / 159$		11.1193%
162	<b>Revenue Requirement</b>	(Line 150)	\$	1,033,304
163	True-up Adjustment	Attachment 6		14,027
164	Plus any increased ROE calculated on Attachment 7 other than PJM Schedule 12 projects.	Attachment 7		2,101
165	Facility Credits under Section 30.9 of the PJM OATT.	Attachment 5		3,184
166	Revenue Credits	Attachment 3		(44,702)
167	Interest on Network Credits	PJM data		0
168	<b>Annual Transmission Revenue Requirement (ATTR)</b>	$(\text{Line } 162 + 163 + 164 + 165 + 166 + 167)$	<b>\$</b>	<b>1,007,914</b>
<b>Rate for Network Integration Transmission Service</b>				
169	1 CP Peak	(Note L)	PJM Data	21,232.0
170	Rate (\$/MW-Year)		(Line 168 / 169)	47,471.44
171	<b>Rate for Network Integration Transmission Service (\$/MW/Year)</b>		<b>(Line 170)</b>	<b>47,471.44</b>

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

FERC Form 1 Page # or

**Formula Rate -- Appendix A**

Notes

Instruction ( Note H)

2019

**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.

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

Current Year: 2019

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Line		Account 190	Account 282	Account 283	Total	Transmission		
						Allocation / Assignment Method	Allocation / Assignment %	Transmission Total
ADIT - Liberalized Depreciation (Amounts Including Adjustments)								
1	Liberalized Depreciation - Transmission		\$ (1,505,453)		(1,505,453)	Assigned	100.0000%	(1,505,453)
2	Liberalized Depreciation - General Plant		\$ (63,331)		(63,331)	Wages & Salaries	8.3570%	(5,293)
3	Liberalized Depreciation - Computer Software (Reverse Book Depreciation)		\$ 48,361		48,361	Wages & Salaries	8.3570%	4,042
4	Liberalized Depreciation - Computer Software (Tax Depreciation)		\$ (70,947)		(70,947)	Wages & Salaries	8.3570%	(5,929)
5	Total Liberalized Depreciation Amounts including Adjustments (Sum of Lines 1 - 4)	\$ -	\$ (1,591,370)		\$ (1,591,370)			\$ (1,512,633)
ADIT - Plant Related Other than Liberalized Depreciation								
6	Transmission Plant (net of GSU/GI Proportion)	100,619	(240,083)	-	(139,465)	Assigned	100.0000%	(139,465)
7	General Plant	8,137	(29,778)	-	(21,641)	Wages & Salaries	8.3570%	(1,809)
8	Plant - Other	272,883	(25,402)	358	247,838	Gross Plant	21.3775%	52,982
9	Total Plant Related Other than Liberalized Depreciation (Sum of Lines 6 - 8)	\$ 381,639	\$ (295,263)	\$ 358	\$ 86,733			\$ (88,291)
ADIT - Not Plant Related								
10	Employee Benefits	206,550	-	(59,291)	147,259	Wages & Salaries	8.3570%	12,306
11	Other Operating	8,714	-	(438)	8,277	Wages & Salaries	8.3570%	692
12	Total Not Plant Related (Sum of Lines 10 - 11)	\$ 215,264	\$ -	\$ (59,729)	\$ 155,536			\$ 12,998
13	Total ADIT used for Assignment or Allocation to Transmission (Sum of Lines 5, 9 & 12)	\$ 596,903	\$ (1,886,633)	\$ (59,371)	\$ (1,349,101)			\$ (1,587,926)
Reconciliation to FERC Form 1 Accounts:								
14	Liberalized Depreciation not Allocated or Assigned to Transmission		(4,318,175)					
15	Total Amount of Excluded ADIT in Line 5 due to Adjustments		(43,617)					
16	Excluded Amounts (see Explanations below)	2,090,753	(220,517)	(837,701)				
17	Total ADIT Not Used for Assignment or Allocation to Transmission (Sum of Lines 14-16)	2,090,753	(4,582,309)	(837,701)				
18	Total FERC Form 1 Balance (Sum of Lines 13 & 17)	\$ 2,687,656	\$ (6,468,942)	\$ (897,072)				

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, 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 1 -- Continued  
(in Thousands)

Line

ADIT Summary and Calculation of Average Balance

Description	Balance Date	Amount
19 Transmission Total ADIT from Attachment 1, Line 13	December 31 of the Current Year	\$ (1,587,926)
20 Transmission Total ADIT from Attachment 1A, Line 13 (Note 1)	December 31 of the Previous Year	\$ (1,587,926)
21 Average Balance for Entry on Line 45 of Appendix A		\$ (1,587,926)

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

Item	Amortization
22 Amortization of Transmission Related for Entry on Line 136 of Appendix A	\$ 128
23 Amortization, Other	\$ (2,977)
24 Current Year Amortization (Line 22 + 23)	\$ (2,849)
25 Current Year Amortization from Form 1 (Current Year Items from p266.8f-g)	\$ (2,849)
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: 2018

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

8.3570%  
21.3775%

(A)	(B)	(C)	(D)	(E)	(F)	Transmission		(I)
Line		Account 190	Account 282	Account 283	Total	Allocation / Assignment Method	Allocation / Assignment %	Transmission Total

ADIT - Liberalized Depreciation (Amounts Including Adjustments)

1	Liberalized Depreciation - Transmission		\$ (1,505,453)		(1,505,453)	Assigned	100.0000%	(1,505,453)
2	Liberalized Depreciation - General Plant		\$ (63,331)		(63,331)	Wages & Salaries	8.3570%	(5,293)
3	Liberalized Depreciation - Computer Software (Reverse Book Depreciation)		\$ 48,361		48,361	Wages & Salaries	8.3570%	4,042
4	Liberalized Depreciation - Computer Software (Tax Depreciation)		\$ (70,947)		(70,947)	Wages & Salaries	8.3570%	(5,929)
5	Total Liberalized Depreciation Amounts including Adjustments (Sum of Lines 1 - 4)	\$ -	\$ (1,591,370)		\$ (1,591,370)			\$ (1,512,633)

ADIT - Plant Related Other than Liberalized Depreciation

6	Transmission Plant (net of GSU/GI Proportion)	100,619	(240,083)	-	(139,465)	Assigned	100.0000%	(139,465)
7	General Plant	8,137	(29,778)	-	(21,641)	Wages & Salaries	8.3570%	(1,809)
8	Plant - Other	272,883	(25,402)	358	247,838	Gross Plant	21.3775%	52,982
9	Total Plant Related Other than Liberalized Depreciation (Sum of Lines 6 - 8)	\$ 381,639	\$ (295,263)	\$ 358	\$ 86,733			\$ (88,291)

ADIT - Not Plant Related

10	Employee Benefits	206,550	-	(59,291)	147,259	Wages & Salaries	8.3570%	12,306
11	Other Operating	8,714	-	(438)	8,277	Wages & Salaries	8.3570%	692
12	Total Not Plant Related (Sum of Lines 10 - 11)	\$ 215,264	\$ -	\$ (59,729)	\$ 155,536			\$ 12,998
13	Total ADIT used for Assignment or Allocation to Transmission (Sum of Lines 5, 9 & 12)	\$ 596,903	\$ (1,886,633)	\$ (59,371)	\$ (1,349,101)			\$ (1,587,926)

Reconciliation to FERC Form 1 Accounts:

14	Liberalized Depreciation not Allocated or Assigned to Transmission		(4,299,979)					
15	Total Amount of Excluded ADIT in Line 5 due to Adjustments		(94,538)					
16	Excluded Amounts (see Explanations below)	2,090,753	(220,517)	(837,701)				
17	Total ADIT Not Used for Assignment or Allocation to Transmission (Sum of Lines 14-16)	2,090,753	(4,615,034)	(837,701)				
18	Total FERC Form 1 Balance (Sum of Lines 13 & 17)	\$ 2,687,656	\$ (6,501,667)	\$ (897,072)				

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 H-16A

## Attachment 1B

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

Applicable to the Projections of 2016 and Later and True-ups of 2014 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: 2019  
 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	2018	Dec	(1,574,701,805)					(1,574,701,805)
4	2019	Jan	(1,577,649,993)	(2,948,188)	335	0.917808	(2,705,871)	(1,577,407,676)
5	2019	Feb	(1,580,576,846)	(2,926,852)	307	0.841096	(2,461,763)	(1,579,869,439)
6	2019	Mar	(1,583,495,278)	(2,918,433)	276	0.756164	(2,206,815)	(1,582,076,254)
7	2019	Apr	(1,586,384,633)	(2,889,355)	246	0.673973	(1,947,346)	(1,584,023,600)
8	2019	May	(1,589,250,768)	(2,866,135)	215	0.589041	(1,688,271)	(1,585,711,871)
9	2019	Jun	(1,592,092,122)	(2,841,354)	185	0.506849	(1,440,138)	(1,587,152,009)
10	2019	Jul	(1,594,887,107)	(2,794,986)	154	0.421918	(1,179,254)	(1,588,331,263)
11	2019	Aug	(1,597,655,474)	(2,768,367)	123	0.336986	(932,902)	(1,589,264,165)
12	2019	Sep	(1,600,413,774)	(2,758,300)	93	0.254795	(702,800)	(1,589,966,965)
13	2019	Oct	(1,603,163,347)	(2,749,572)	62	0.169863	(467,051)	(1,590,434,016)
14	2019	Nov	(1,605,897,026)	(2,733,679)	32	0.087671	(239,665)	(1,590,673,681)
15	2019	Dec	(1,608,565,605)	(2,668,580)	1	0.002740	(7,311)	(1,590,680,992)
16	Total Transmission Plant In Service Net of GSU and GI Plant as a Percentage of Total Transmission Plant In Service:							94.64%
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:							(1,505,452,784)

**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 (Continued)****2019**

Sheet 2 of 3

**Part 2: Account 282, General Plant**

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

Line	(1) Year	(2) Month	(3) Projected General Plant ADIT	(4) Activity	(5) Remaining Days	(6) Ratio	(7) Activity with Proration	(8) ADIT with Proration
1	2018	Dec	(63,330,518)					(63,330,518)
2	2019	Jan	(63,330,518)	0	335	0.917808	0	(63,330,518)
3	2019	Feb	(63,330,518)	0	307	0.841096	0	(63,330,518)
4	2019	Mar	(63,330,518)	0	276	0.756164	0	(63,330,518)
5	2019	Apr	(63,330,518)	0	246	0.673973	0	(63,330,518)
6	2019	May	(63,330,518)	0	215	0.589041	0	(63,330,518)
7	2019	Jun	(63,330,518)	0	185	0.506849	0	(63,330,518)
8	2019	Jul	(63,330,518)	0	154	0.421918	0	(63,330,518)
9	2019	Aug	(63,330,518)	0	123	0.336986	0	(63,330,518)
10	2019	Sep	(63,330,518)	0	93	0.254795	0	(63,330,518)
11	2019	Oct	(63,330,518)	0	62	0.169863	0	(63,330,518)
12	2019	Nov	(63,330,518)	0	32	0.087671	0	(63,330,518)
13	2019	Dec	(63,330,518)	0	1	0.002740	0	(63,330,518)

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:

(63,330,518)

**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.



**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 2015 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 lines 17 and 18 of Part 1, and lines 14 and 15 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 Attachment 1A Only When the Formula Rate Population is to Calculate a True-up ATRR:											-
18	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1 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, 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 3 multiplied by line 16.
Col. 12, Line 18	Col. 12, Line 15 multiplied by line 16.

**Attachment 1C (Continued)**

Sheet 2 of 3

**Part 2: Account 282, General Plant**

Columns 3 through 12 are in dollars.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
			Actual General Plant 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										
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 Attachment 1A Only When the Formula Rate Population is to Calculate a True-up ATRR: -

15 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1 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, 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 1.
Col. 12, Line 15	Amount from col. 12, line 13.



**Part 3: Account 282, Computer Software - Book Amortization**

The column and line explanations are as described for Part 2.

#### Part 4: Account 282, Computer Software - Tax Amortization

The column and line explanations are as described for Part 2.

[illegible]

## Virginia Electric and Power Company

## ATTACHMENT H-16A

## Attachment 1C - 2014

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

Applicable Only to the True-up of 2014

If the formula rate population is for determining the 2014 true-up ATRR for use on Line A of Attachment 6, populate this Attachment 1C - 2014 with the actual data associated with that year. Use the amounts from lines 17 and 18 of Part 1, and lines 14 and 15 of Parts 2, 3, and 4, in populating Attachment 1 and Attachment 1A as instructed in this Attachment 1C - 2014.

Sheet 1 of 4

Line 1 True-up Year: 2014  
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).

	(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	2013	Dec										-
4	2014	Jan		-		-	-	-	-		-	-
5	2014	Feb		-		-	-	-	-		-	-
6	2014	Mar		-		-	-	-	-		-	-
7	2014	Apr		-		-	-	-	-		-	-
8	2014	May		-		-	-	-	-		-	-
9	2014	Jun		-		-	-	-	-		-	-
10	2014	Jul		-		-	-	-	-		-	-
11	2014	Aug		-		-	-	-	-		-	-
12	2014	Sep		-		-	-	-	-		-	-
13	2014	Oct		-		-	-	-	-		-	-
14	2014	Nov		-		-	-	-	-		-	-
15	2014	Dec		-		-	-	-	-		-	-
15a									Pre-change -- Average of Actual ADIT Balance from Col. 3, December 2013 and April 2014			-
15b									4 Months Divided by 12 Months			33.33%
15c									Component of Average ADIT Balance Attributable to January Through April (15a X 15b)			-
15d									Post-change -- Average of ADIT Balances for True-up from Col. 12, April 2014 and December 2014			-
15e									8 Months Divided by 12 Months			66.67%
15f									Component of Average ADIT Balance Attributable to May Through December (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:											
17	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1A Only When the Formula Rate Population is to Calculate the 2014 True-up ATRR:											-
18	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1 Only When the Formula Rate Population is to Calculate the 2014 True-up ATRR:											-

**Explanations:**

Col. 3	Actual Account 282 month-end ADIT (excludes cost of removal).	Col. 11	The sum of col. 8, col. 9, and col. 10.
Col. 4	Monthly change in ADIT balance.	Col. 12, Line 3	Amount from col. 3, line 3.
Col. 6	Col. 4 minus col. 5	Col. 12, Lines 4-15	Col. 12 of previous month plus col. 11 of current month.
Col. 7	The portion of the amount in col. 6 included in original projection but not realized.	Col. 12, Line 16	Appendix A, Line 24 ÷ Appendix A, Line 21 (from the true-up population of the formula)
Col. 8	The portion of the amount in col. 6 not included in original projection.	Col. 12, Line 17	Col. 12, Line 15g multiplied by line 16.
Col. 9	The amount in col. 7 multiplied by the ratio from col. 6 of Attachment 1B, Part 1.	Col. 12, Line 18	Col. 12, Line 15g multiplied by line 16.

**Attachment 1C - 2014 (Continued)****2014**

Sheet 2 of 4

**Part 2: Account 282, General Plant**

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

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
			Actual General Plant 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										
1	2013	Dec										-
2	2014	Jan		-		-	-	-	-		-	-
3	2014	Feb		-		-	-	-	-		-	-
4	2014	Mar		-		-	-	-	-		-	-
5	2014	Apr		-		-	-	-	-		-	-
6	2014	May		-		-	-	-	-		-	-
7	2014	Jun		-		-	-	-	-		-	-
8	2014	Jul		-		-	-	-	-		-	-
9	2014	Aug		-		-	-	-	-		-	-
10	2014	Sep		-		-	-	-	-		-	-
11	2014	Oct		-		-	-	-	-		-	-
12	2014	Nov		-		-	-	-	-		-	-
13	2014	Dec		-		-	-	-	-		-	-
13a									Pre-change -- Average of Actual ADIT Balance from Col. 3, December 2013 and April 2014			-
13b									4 Months Divided by 12 Months			33.33%
13c									Component of Average ADIT Balance Attributable to January Through April (13a X 13b)			-
13d									Post-change -- Average of ADIT Balances for True-up from Col. 12, April 2014 and December 2014			-
13e									8 Months Divided by 12 Months			66.67%
13f									Component of Average ADIT Balance Attributable to May Through December (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 Attachment 1A Only When the Formula Rate Population is to Calculate the 2014 True-up ATRR:											-
15	Amount to be Entered (in thousands) in Column F of the Account 282 Section of Attachment 1 Only When the Formula Rate Population is to Calculate the 2014 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 14	Amount from col. 12, line 13g.
Col. 12, Line 15	Amount from col. 12, line 13g.



**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.

[illegible]

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

[illegible]

**Virginia Electric and Power Company**  
**ATTACHMENT H-16A**  
**Attachment 2 - Taxes Other Than Income Worksheet**  
**2019 (000's)**

<b>Other Taxes</b>	<b>Page 263</b>		<b>Allocated</b>
	<b>Col (I)</b>	<b>Allocator</b>	<b>Amount</b>
<b>Plant Related</b>			
		<b>Gross Plant Allocator</b>	
1 Transmission Personal Property Tax (directly assigned to Transmission)	\$ 61,249	100.0000%	\$ 61,249
1a Other Plant Related Taxes	0	21.3775%	-
2			-
3			-
4			-
5			-
<b>Total Plant Related</b>	<b>\$ 61,249</b>		<b>\$ 61,249</b>
<b>Labor Related</b>			
		<b>Wages &amp; Salary Allocator</b>	
6 Federal FICA & Unemployment & State Unemployment	\$ 43,233		
<b>Total Labor Related</b>	<b>\$ 43,233</b>	<b>8.3570%</b>	<b>\$ 3,613</b>
<b>Other Included</b>			
		<b>Gross Plant Allocator</b>	
7 Sales and Use Tax	\$ -		
<b>Total Other Included</b>	<b>\$ -</b>	<b>21.3775%</b>	<b>\$ -</b>
<b>Total Included</b>	<b>\$ 104,482</b>		<b>\$ 64,862</b>
<b>Currently Excluded</b>			
8 Business and Occupation Tax - West Virginia	\$ 20,745		
9 Gross Receipts Tax	0		
10 IFTA Fuel Tax	7		
11 Property Taxes - Other	195,577		
12 Property Taxes - Generator Step-Ups and Interconnects	2,973		
13 Sales and Use Tax - not allocated to Transmission	3,636		
14 Sales and Use Tax - Retail	0		
15 Other	32,409		
16	0		
17	0		
18	0		
19	0		
20	0		
21 Total "Other" Taxes (included on p. 263)	\$ 255,348		
22 Total "Taxes Other Than Income Taxes" - acct 408.10 (p. 114.14)	<u>\$ 359,830</u>		
23 Difference	\$ (104,482)		

## 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**  
**2019 (000's)**

**Directly Assigned Property Taxes**

	\$ 259,799
Production Property Tax	100,324
Transmission Property Tax	61,106
GSU/Interconnect Facilities	2,973
Distribution Property tax	93,682
General Property Tax	1,713
Total check	259,799

**Allocation of General Property Tax to Transmission**

General Property Tax	\$ 1,713
Wages & Salary Allocator	8.3570%
Trans General	143

<b><u>Total Transmission Property Taxes</u></b>		
Transmission	\$ 61,106	
General	143	
Total Transmission Property Taxes	\$ 61,249	

**Virginia Electric and Power Company**  
**ATTACHMENT H-16A**  
**Attachment 3 - Revenue Credit Workpaper**  
**2019 (000's)**

		Transmission Related	Production/Other Related	Total
<b>Account 454 - Rent from Electric Property</b>				
1	Rent from Electric Property - Transmission Related (Note 3)	13,763		13,763
2	Total Rent Revenues (Sum Lines 1)	13,763	-	13,763
<b>Account 456 - Other Electric Revenues (Note 1)</b>				
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)	1,440		1,440
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)	1,972		1,972
9	Revenues from Directly Assigned Transmission Facility Charges (Note 2)	36,791		36,791
10	Rent or Attachment Fees associated with Transmission Facilities (Note 3)			-
11	Gross Revenue Credits (Accounts 454 and 456) (Sum Lines 2-10)	53,966	-	53,966
12	Less line 14g	(9,264)	-	(9,264)
13	Total Revenue Credits	44,702	-	44,702
<b>Revenue Adjustment to Determine Revenue Credit</b>				
14a	Revenues included in lines 1-11 which are subject to 50/50 sharing. (Lines 1 + 8 + 10)	15,735	-	15,735
14b	Costs associated with revenues in line 14a	2,792	-	2,792
14c	Net Revenues (14a - 14b)	12,943	-	12,943
14d	50% Share of Net Revenues (14c / 2)	6,472	-	6,472
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)	6,472	-	6,472
14g	Line 14f less line 14a	(9,264)	-	(9,264)

**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.

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**  
**2019 (000's)**

<b>Return Calculation</b>				
A	Return and Taxes with Basis Point increase in ROE	Basis Point increase in ROE and Income Taxes	(Line 130 + 140)	649,664
B	100 Basis Point increase in ROE	(Note J from Appendix A)	Fixed	1.00%
Line Ref.	Rate Base excluding Acquisition Adjustments Amount and Associated ADIT	Appendix A	(Line 44 + 61 - 60C - 45A)	5,987,726
62				
104	Long Term Interest	<b>Long Term Interest</b>	p117.62c through 67c	511,009
105		Less LTD Interest on Securitization (Note P)	Attachment 8	0
106		Long Term Interest	(Line 104 - 105)	511,009
107	Preferred Dividends	enter positive	p118.29c	0
108	Common Stock	Proprietary Capital	p112.16c,d/2	12,044,332
109		Less Preferred Stock	(Line 117)	0
110		Less Account 219 - Accumulated Other Comprehensive Income	p112.15c,d/2	-54,340
111		Common Stock	(Sum Lines 108 to 110)	11,989,992
112	Capitalization	Long Term Debt	p112.24c,d/2	11,005,768
113		Less Loss on Reacquired Debt	p111.81c,d/2	-1,869
114		Plus Gain on Reacquired Debt	p113.61c,d/2	3,294
115		Less LTD on Securitization Bonds	enter negative	Attachment 8
116		Total Long Term Debt	(Sum Lines 112 to 115)	11,007,193
117		Preferred Stock	p112.3c,d/2	0
118		Common Stock	(Line 111)	11,989,992
119		Total Capitalization	(Sum Lines 116 to 118)	22,997,186
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)	0.0869
130	Investment Return = Rate Base * Rate of Return		(Line 62 * 129)	520,154
<b>Composite Income Taxes</b>				
<b>Income Tax Rates</b>				
131		FIT=Federal Income Tax Rate		0.2100
132		SIT=State Income Tax Rate or Composite		0.0585
133		p = percent of federal income tax deductible for state purposes	Per State Tax Code	0.0000
134		T = 1 - (((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p)) =		0.2562
135		T / (1-T)		0.3445
<b>Transmission Related Income Tax Adjustments</b>				
136	Amortized Investment Tax Credit (ITC)	(Note I) enter negative	Attachment 1	\$ (128)
136A	Other Income Tax Adjustments		Attachment 5	\$ (2,729)
137	T/(1-T)		(Line 135)	34.45%
138	Transmission Income Taxes - Income Tax Adjustments		((Line 136 + 136A) * (1 + Line 137))	\$ (3,842)
139	Transmission Income Taxes - Equity Return =	CIT=(T/(1-T) * Investment Return * (1-(WCLTD/R))) =	[Line 135 * 130 * (1-(126 / 129))]	133,352
140	Total Transmission Income Taxes		(Line 138 + 139)	129,510

<sup>a</sup> based on plant records.

Regulatory Expense Related to Transmission Cost Support									
Line #s	Descriptions	Notes	Page F's & Instructions	Form 1 Amount	Transmission Related	Non-Transmission Related	Details		
71	Allocated General & Common Expenses Less Regulatory Commission's E.g. Account 528 Directly Assigned AAG	(Note E)	p223.189A/Attachment 5	\$ 33,657	245	32,812	See FERC Form 1 pages 350,351.		
77	Regulatory Commission E.g. Account 528	(Note G)	p223.189A/Attachment 5		245				

Safety Related Advertising Cost Support									
Line #s	Descriptions	Notes	Page F's & Instructions	Form 1 Amount	Safety Related	Non-Safety Related	Details		
81	Directly Assigned AAG General Advertising E.g. Account 930.1	(Note F)	Attachment 5	5,517	-	5,517			

Multi-States Mortgage									
Line #s	Descriptions	Notes	Page F's & Instructions	State 1	State 2	State 3	State 4	State 5	Details
132	Income Tax Rates SIT-Style Income Tax Rate or Composite	(Note D)		Mo 5.66%	NC 0.06%	WVa 0.16%			Enter Calculation Enter Rate 5.86%

Education and Out Reach Cost Support									
Line #s	Descriptions	Notes	Page F's & Instructions	Form 1 Amount	Education & Outreach	Other	Details		
78	Directly Assigned AAG General Advertising E.g. Account 930.1	(Note K)	p223.170B	5,517	-		Informing public about transmission operations including service quality		

Excluded Plant Cost Support			
Line #s	Descriptions	Notes	Page F's & Instructions
	Adjusted to Remove Revenue Requirements Associated with Excluded Transmission Facilities	Includes only the costs of any interconnection facilities constructed for VEPQCS' own Generating facilities after March 15, 2000 in accordance with Order 2003.	
		0	Description of the Facilities
			General Description of the Facilities
			None
			Add more lines if necessary

Transmission Related Account 242 Revenues									
Line #s	Descriptions	Notes	Page F's & Instructions	Beginning Year Balance	End of Year Balance	Average Balance	Allocation	Transmission Amount	Details
47	Directly Assigned to Transmission Labor Related, General plant related or Common Plant Related			\$ 16,095	\$ 14,934	\$ 15,964	100%	15,964	
	Other			\$ 573	\$ 956	\$ 765	8.357%	64	
	Total Transmission Related Revenues			\$ 5,433	\$ 5,404	\$ 5,418	21.38%	1,198	
	Other			\$ 180,381	\$ 170,030	\$ 145,205	0.00%	-	
	Total Transmission Related Revenues			\$ -	\$ -	\$ -		17,187	To line 47

Proportions									
Line #s	Descriptions	Notes	Page F's & Instructions	Beginning Year Balance	End of Year Balance	Average Balance	Fixed Proportions Exclusion Amount <sup>1</sup>	To line 48	Details
48	Proportions Wages & Salary Allocator Pension Liabilities, if any, in Account 242			\$ 14	\$ 7	\$ -	\$ 11	8.357%	1
	Proportions Account 165 Proportions (not included in Proportions)		p11157d6c	\$ 26,419	\$ 29,415	\$ 27,917	\$ 3,980	23.937	2300
								8.357%	Projections
<sup>1</sup> The Fixed Proportions Exclusion Amount may be changed only pursuant to a Section 205 or Section 206 proceeding.									

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



Line #s

Descriptions

Notes

Page #'s & Instructions

Amount

# of Years

Amortization

W/ Interest

Amount

Number of years

Amortization

89

Extraordinary Property Losses

Inferred on Outstanding Network Credits Cost Support

Line #s

Descriptions

Notes

Page #'s & Instructions

Amount

# of Years

Amortization

W/ Interest

General Description of the Credits

None

Add more lines if necessary

Facility Credits under Section 319 of the P.M.I.G.A.T.

Line #s

Descriptions

Notes

Page #'s & Instructions

Amount

LCP Peak

Enter

3,184

O&E/CNCRMC Transmission Charges from PJM Invoices

Revenue Requirement

165

Facility Credits under Section 319 of the P.M.I.G.A.T.

PJM Load Cost Support

Line #s

Descriptions

Notes

Page #'s & Instructions

Amount

LCP Peak

Enter

21,232.0

Cost of Service

169

Network Zeroed Service Rate

(Note 1)

PJM/DAB

AAG Expenses - Other Post Employment Benefits

Line #s

Descriptions

Notes

Page #'s & Instructions

Amount

Total AAG Expenses

Less OPEB Current Year

Plus Stated OPEB

Current Year Total AAG Expenses

69

Inferred on Long-Term Debt

Line #s

Descriptions

Notes

Page #'s & Instructions

Amount

Interest on Long-Term Debt

Costs related to short-term debt included in Account 430

Total interest on long-term debt

104

Income Tax Adjustments

Line #s

Descriptions

Notes

Page #'s & Instructions

Amount

Tax Adj. for the All-ECG Equity Component of Transmission Depr. Expense

Amortization of Excess/Deficient Deferred Taxes - Transmission Component

Amortized Excess/Deficient Taxes

Unamortized Excess/Deficient Taxes

Total Other Income Tax Adjustments to Line 136A

Unamortized Excess/Deficient in Line 47A

Trans. Depreciation Expense

Capital Recovery Plan

Transmission Depreciation Expense

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Transmission Depreciation Expense

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Transmission Depreciation Expense

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Transmission Depreciation Expense

Capital Recovery Plan

**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: <sup>1</sup>

- (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.<sup>2</sup>
- (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

<sup>1</sup> 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.

<sup>2</sup> 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.	966,221.64
B	ATRR based on projected costs included for the previous calendar year but excludes the true-up adjustment.	953,288.51
C	Difference (A-B)	12,933
D	Future Value Factor $(1+i)^{24}$	1.08460
E	True-up Adjustment $(C \times D)$	14,027

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:<sup>1</sup>

- (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.<sup>2</sup>
- (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

<sup>1</sup> 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.

<sup>2</sup> 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	10.5592%
4	B	161	Net Plant Carrying Charge with 100 Basis Point increase in ROE without Acquisition Adjustments and Depreciation	11.1193%
5	C		Line B less Line A	0.5600%

6 FCR if a CIAC

7	D	155	Net Plant Carrying Charge without Acquisition Adjustments, Depreciation, Return or Income Taxes	2.4507%
---	---	-----	---	---------

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			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.											
			Project A											
			b0217											
			Upgrade Mt. Storm - Doubs 500 KV											
			Replace Capacitors											
			0											
			10.5592%											
			911,807											
			22,795											
			7											

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													
10													
11 Schedule 12 (Yes or No)	Yes	b0222					Yes	b0222					
12 Life	40	Install 150 MVAR capacitor at Loudoun					40	Install 150 MVAR capacitor at Loudoun - Replacement of Circuit Breaker					
13 FCR W/O Incentive Line 3	10.5592%						10.5592%						
14 Incentive Factor (Basis Points /100)	0						0						
15 FCR W incentive L.13 +(L.14*L.5)	10.5592%						10.5592%						
16 Investment	1,079,975						591,996						
17 Annual Depreciation Exp	26,999						14,800						
18 In Service Month (1-12)	9						4						
19													
20 W / O Incentive	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
21 W Incentive	2006	1,079,975	6,176	1,073,799									
22 W / O Incentive	2006	1,079,975	6,176	1,073,799					7,624,974	56,066	7,568,908		
23 W Incentive	2007	1,073,799	21,176	1,052,623					7,624,974	56,066	7,568,908		
24 W / O Incentive	2007	1,052,623	21,176	1,031,447					7,568,908	149,509	7,419,399		
25 W Incentive	2008	1,052,623	21,176	1,031,447					7,568,908	149,509	7,419,399		
26 W / O Incentive	2009	1,031,447	21,176	1,010,271					7,419,399	149,509	7,269,889		
27 W Incentive	2009	1,031,447	21,176	1,010,271					7,419,399	149,509	7,269,889		
28 W / O Incentive	2010	1,010,271	21,176	989,095					7,269,889	149,509	7,120,380		
29 W Incentive	2010	1,010,271	21,176	989,095					7,269,889	149,509	7,120,380		
30 W / O Incentive	2011	989,095	21,176	967,919					7,120,380	149,509	6,970,871		
31 W Incentive	2011	989,095	21,176	967,919					7,120,380	149,509	6,970,871		
32 W / O Incentive	2012	967,919	21,176	946,743					6,970,871	149,509	6,821,362		
33 W Incentive	2012	967,919	21,176	946,743					6,970,871	149,509	6,821,362		
34 W / O Incentive	2013	946,743	24,131	922,612	591,996	9,752	582,244		6,821,362	170,371	6,650,990		
35 W Incentive	2013	946,743	24,131	922,612	591,996	9,752	582,244		6,821,362	170,371	6,650,990		
36 W / O Incentive	2014	922,612	25,116	897,496	582,244	13,767	568,477		6,650,990	177,325	6,473,666		
37 W Incentive	2014	922,612	25,116	897,496	582,244	13,767	568,477		6,650,990	177,325	6,473,666		
38 W / O Incentive	2015	897,496	25,116	872,381	568,477	13,767	554,709		6,473,666	177,325	6,296,341		
39 W Incentive	2015	897,496	25,116	872,381	568,477	13,767	554,709		6,473,666	177,325	6,296,341		
40 W / O Incentive	2016	872,381	25,116	847,265	554,709	13,767	540,942		6,296,341	177,325	6,119,016		
41 W Incentive	2016	872,381	25,116	847,265	554,709	13,767	540,942		6,296,341	177,325	6,119,016		
42 W / O Incentive	2017	847,265	26,999	820,266	540,942	14,800	526,142		6,119,016	190,624	5,928,391		
43 W Incentive	2017	847,265	26,999	820,266	540,942	14,800	526,142		6,119,016	190,624	5,928,391		
44 W / O Incentive	2018	820,266	26,999	793,266	526,142	14,800	511,342		5,928,391	190,624	5,737,767		
45 W Incentive	2018	820,266	26,999	793,266	526,142	14,800	511,342		5,928,391	190,624	5,737,767		
46 W / O Incentive	2019	793,266	26,999	766,267	511,342	14,800	496,542	68,012	5,737,767	190,624	5,547,143	786,423	
47 W Incentive	2019	793,266	26,999	766,267	511,342	14,800	496,542	68,012	5,737,767	190,624	5,547,143	786,423	
48													
49													
50													
51													
52													
53													
54													
55													
56													
57													
58													
59													
A Proj Rev Req w/o Incentive PCY*				128,328					79,713				
B Proj Rev Req w/ Incentive PCY*				128,328					79,713				
C Actual Rev Req w/o Incentive PCY*				128,658					79,853				
D Actual Rev Req w/ Incentive PCY*				128,658					79,853				
E TUA w/o Int w/o Incentive PCY (C-A)				331					141				
F TUA w/o Int w/ Incentive PCY (B-D)				331					141				
G Future Value Factor (1+Y/24 mo (AT76))				1.08460					1.08460				
H True-Up Adjustment w/o Incentive (E*G)				359					152				
I True-Up Adjustment w/ Incentive (F*G)				359					152				
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O Incentive				109,695					68,165				
W Incentive				109,695					68,165				

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 labeled as Project G in the 2008 and 2009 Annual Updates											
10		Project E-1				Project G-1				Project G-1A			
11 Schedule 12 (Yes or No)		Yes	B0226			Yes	B0403			Yes	B0403		
12 Life		40	Install 500/230 kV transformer at		40	2nd Doms 500/230 kV transformer				40	2nd Doms 500/230 kV transformer		
13 FCR W/O Incentive Line 3		10.5592%	Clifton and Clifton 500 KV 150 MVAR capacitor		10.5592%	addition				10.5592%	addition		
14 Incentive Factor (Basis Points /100)		0			0					0			
15 FCR W incentive L.13 + (L.14*L.5)		10.5592%			10.5592%					10.5592%			
16 Investment		914,051			6,810,242					516,125			
17 Annual Depreciation Exp		22,851			170,256					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					6,810,242	16,692	6,793,550					
23 W incentive	2007					6,810,242	16,692	6,793,550					
24 W / O incentive	2008					6,793,550	133,534	6,660,016					
25 W incentive	2008					6,793,550	133,534	6,660,016					
26 W / O incentive	2009					6,660,016	133,534	6,526,482					
27 W incentive	2009					6,660,016	133,534	6,526,482					
28 W / O incentive	2010					6,526,482	133,534	6,392,948					
29 W incentive	2010					6,526,482	133,534	6,392,948					
30 W / O incentive	2011					6,392,948	133,534	6,259,414					
31 W incentive	2011					6,392,948	133,534	6,259,414					
32 W / O incentive	2012					6,259,414	133,534	6,125,879					
33 W incentive	2012					6,259,414	133,534	6,125,879					
34 W / O incentive	2013					6,125,879	152,167	5,973,713					
35 W incentive	2013					6,125,879	152,167	5,973,713					
36 W / O incentive	2014					5,973,713	158,378	5,815,335					
37 W incentive	2014					5,973,713	158,378	5,815,335					
38 W / O incentive	2015					5,815,335	158,378	5,656,957					
39 W incentive	2015					5,815,335	158,378	5,656,957					
40 W / O incentive	2016	914,051	4,429	909,622		5,656,957	158,378	5,498,579		516,125	8,502	507,623	
41 W incentive	2016	914,051	4,429	909,622		5,656,957	158,378	5,498,579		516,125	8,502	507,623	
42 W / O incentive	2017	909,622	22,851	886,771		5,498,579	170,256	5,328,323		507,623	12,903	494,720	
43 W incentive	2017	909,622	22,851	886,771		5,498,579	170,256	5,328,323		507,623	12,903	494,720	
44 W / O incentive	2018	886,771	22,851	863,920		5,328,323	170,256	5,158,067		494,720	12,903	481,817	
45 W incentive	2018	886,771	22,851	863,920		5,328,323	170,256	5,158,067		494,720	12,903	481,817	
46 W / O incentive	2019	863,920	22,851	841,069	112,868	5,158,067	170,256	4,987,811	705,919	481,817	12,903	468,914	63,098
47 W incentive	2019	863,920	22,851	841,069	112,868	5,158,067	170,256	4,987,811	705,919	481,817	12,903	468,914	63,098
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A Proj Rev Req w/o Incentive PCY*									871,792				-
B Proj Rev Req w/ Incentive PCY*									871,792				-
C Actual Rev Req w/o Incentive PCY*				132,366					830,305				74,010
D Actual Rev Req w/ Incentive PCY*				132,366					830,305				74,010
E TUA w/o Int w/o Incentive PCY (C-A)				132,366					(41,487)				74,010
F TUA w/o Int w/ Incentive PCY (B-D)				132,366					(41,487)				74,010
G Future Value Factor (1+Y)^24 mo (ATTG)				1,08460					1,08460				1,08460
H True-Up Adjustment w/o Incentive (E*G)				143,564					(44,997)				80,271
I True-Up Adjustment w/ Incentive (F*G)				143,564					(44,997)				80,271
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					256,432				660,922				143,369
W incentive					256,432				660,922				143,369

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													
10		Project G-2				Project G-2A				Project H-1			
11 Schedule 12 (Yes or No)	Yes	B0403	2nd Dooms 500/230 kV transformer addition	Yes	B0403	2nd Dooms 500/230 kV transformer addition	Yes	b0328.1	Build new Meadowbrook-Loudon 500kV circuit (30 of 50 miles)				
12 Life	40			40			40						
13 FCR W/O incentive Line 3	10.5592%			10.5592%			10.5592%						
14 Incentive Factor (Basis Points /100)	0			0			1.5						
15 FCR W incentive L.13 +(L.14*L.5)	10.5592%		Spare Transformer Addition	10.5592%		Spare Transformer Addition	11.3993%		line 2101 v11				
16 Investment	2,245,293			257,907			21,850,320						
17 Annual Depreciation Exp	56,132			6,448			546,258						
18 In Service Month (1-12)	4			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	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		257,907	4,248	253,659		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	239,323	240,763	6,448	234,316	31,530	17,227,760	546,258	16,681,502	2,336,534	
47 W incentive 2019	1,762,951	56,132	1,706,819	239,323	240,763	6,448	234,316	31,530	17,227,760	546,258	16,681,502	2,478,964	
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A Proj Rev Req w/o Incentive PCY*				301,660				-					2,738,958
B Proj Rev Req w/ Incentive PCY*				301,660									2,929,378
C Actual Rev Req w/o Incentive PCY*				281,351				36,983					2,746,702
D Actual Rev Req w/ Incentive PCY*				281,351				36,983					2,932,172
E TUA w/o Int w/o Incentive PCY (C-A)				(20,309)				36,983					7,744
F TUA w/o Int w/ Incentive PCY (B-D)				(20,309)				36,983					2,795
G Future Value Factor (1+Y)^24 mo (AT76)				1.08460				1.08460					1.08460
H True-Up Adjustment w/o Incentive (E*G)				(22,027)				40,111					8,399
I True-Up Adjustment w/ Incentive (F*G)				(22,027)				40,111					3,031
TUA = True-Up Adjustment													
PCY = Previous Calendar Year													
W / O incentive				217,295				71,641					2,344,933
W incentive				217,295				71,641					2,481,995

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			
10		Yes	b0328.1			Yes	b0328.1			Yes	b0328.1		
12 Life	(Yes or No)	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	10.5592%	(30 of 50 miles)			10.5592%	(30 of 50 miles)			10.5592%	(30 of 50 miles)		
14 Incentive Factor (Basis Points /100)		1.5				1.5				1.5			
15 FCR W incentive L.13 +(L.14*L.5)		11.3993%	Line 2030 & 559 v12 & v13			11.3993%	Line 580 - Phase 1			11.3993%	Line 124		
16 Investment		45,089,209				13,581,000				11,224,282			
17 Annual Depreciation Exp		1,127,230				339,525				280,607			
18 In Service Month (1-12)		12				7				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	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	4,868,231	10,996,347	339,525	10,656,822	1,482,728	9,033,124	280,607	8,752,517	1,219,619
47 W Incentive	2019	35,992,381	1,127,230	34,865,150	5,165,895	10,996,347	339,525	10,656,822	1,573,678	9,033,124	280,607	8,752,517	1,294,325
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A Proj Rev Req w/o Incentive PCY*				5,706,559				1,738,013				1,429,621	
B Proj Rev Req w/ Incentive PCY*				6,104,159				1,859,409				1,529,371	
C Actual Rev Req w/o Incentive PCY*				5,721,853				1,742,379				1,433,314	
D Actual Rev Req w/ Incentive PCY*				6,108,123				1,860,622				1,530,473	
E TUA w/o Int w/o Incentive PCY (C-A)				15,294				4,365				3,693	
F TUA w/o Int w/ Incentive PCY (B-D)				4,964				1,213				1,103	
G Future Value Factor (1+Y/24 mo (AT76))				1,08460				1,08460				1,08460	
H True-Up Adjustment w/o Incentive (E*G)				16,588				4,735				4,006	
I True-Up Adjustment w/ Incentive (F*G)				5,384				1,316				1,196	
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O Incentive				4,884,818				1,487,462				1,223,625	
W Incentive				5,171,239				1,574,994				1,295,521	



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															
10				Project H-5				Project H-6				Project H-7			
11 Schedule 12 (Yes or No)	Yes	b0328.1		Yes	b0328.1			Yes	b0328.1						
12 Life	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	10.5592%			10.5592%				10.5592%							
14 Incentive Factor (Basis Points /100)	1.5			1.5				1.5							
15 FCR W incentive L.13 +(L.14*L.5)	11.3993%	Line 114		11.3993%	Clevenger DP/580			11.3993%	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							
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	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	1,597,516	13,739,575	422,520	13,317,055	1,851,004	9,293,110	284,069	9,009,041	1,250,351			
47 W Incentive 2019	11,842,456	366,389	11,476,067	1,695,461	13,739,575	422,520	13,317,055	1,964,651	9,293,110	284,069	9,009,041	1,327,226			
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A Proj Rev Req w/o Incentive PCY*				1,872,572					2,169,681	1,465,601					
B Proj Rev Req w/ Incentive PCY*				2,003,320					2,321,333	1,568,147					
C Actual Rev Req w/o Incentive PCY*				1,877,320					2,175,028	1,468,109					
D Actual Rev Req w/ Incentive PCY*				2,004,673					2,322,742	1,568,993					
E TUA w/o Int w/o Incentive PCY (C-A)				4,748					5,347	3,508					
F TUA w/o Int w/ Incentive PCY (B-D)				1,353					1,410	847					
G Future Value Factor (1+Y/24 mo (AT76))				1.08460					1.08460	1.08460					
H True-Up Adjustment w/o Incentive (E*G)				5,150					5,799	3,805					
I True-Up Adjustment w/ Incentive (F*G)				1,467					1,529	918					
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O Incentive				1,602,665					1,856,803	1,254,156					
W Incentive				1,696,928					1,956,179	1,328,144					

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			
10		Yes	b0328.1			Yes	b0328.3			Yes	b0328.3		
11 Schedule 12 (Yes or No)		40	Build new Meadowbrook-Loudon 500kV circuit			40	Upgrade Mt Storm 500 kV Substation			40	Upgrade Mt Storm 500 kV Substation		
12 Life		10.5592%	(30 of 50 miles)			10.5592%				10.5592%			
13 FCR W/O Incentive Line 3		1.5				1.5				0	Replace Digital Fault Recorder		
14 Incentive Factor (Basis Points /100)		11.3993%	Line 535			11.3993%				10.5592%			
15 FCR W incentive L.13 +(L.14*L.5)		95,094,562				13,617,010				224,609			
16 Investment		2,377,364				340,425				5,615			
17 Annual Depreciation Exp		4				5				9			
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	95,094,562	1,320,758	93,773,804		13,617,010	166,875	13,450,135					
31 W incentive	2011	95,094,562	1,320,758	93,773,804		13,617,010	166,875	13,450,135					
32 W / O incentive	2012	93,773,804	1,864,599	91,909,205		13,450,135	267,000	13,183,135					
33 W incentive	2012	93,773,804	1,864,599	91,909,205		13,450,135	267,000	13,183,135					
34 W / O incentive	2013	91,909,205	2,124,776	89,784,429		13,183,135	304,256	12,878,879					
35 W incentive	2013	91,909,205	2,124,776	89,784,429		13,183,135	304,256	12,878,879					
36 W / O incentive	2014	89,784,429	2,211,501	87,572,928		12,878,879	316,675	12,562,204					
37 W incentive	2014	89,784,429	2,211,501	87,572,928		12,878,879	316,675	12,562,204					
38 W / O incentive	2015	87,572,928	2,211,501	85,361,426		12,562,204	316,675	12,245,529					
39 W incentive	2015	87,572,928	2,211,501	85,361,426		12,562,204	316,675	12,245,529					
40 W / O incentive	2016	85,361,426	2,211,501	83,149,925		12,245,529	316,675	11,928,855					
41 W incentive	2016	85,361,426	2,211,501	83,149,925		12,245,529	316,675	11,928,855					
42 W / O incentive	2017	83,149,925	2,377,364	80,772,561		11,928,855	340,425	11,588,429		224,609	1,638	222,971	
43 W incentive	2017	83,149,925	2,377,364	80,772,561		11,928,855	340,425	11,588,429		224,609	1,638	222,971	
44 W / O incentive	2018	80,772,561	2,377,364	78,395,197		11,588,429	340,425	11,248,004		222,971	5,615	217,356	
45 W incentive	2018	80,772,561	2,377,364	78,395,197		11,588,429	340,425	11,248,004		222,971	5,615	217,356	
46 W / O incentive	2019	78,395,197	2,377,364	76,017,833	10,529,768	11,248,004	340,425	10,907,579	1,510,153	217,356	5,615	211,741	12,223
47 W incentive	2019	78,395,197	2,377,364	76,017,833	11,178,392	11,248,004	340,425	10,907,579	1,603,214	217,356	5,615	211,741	12,223
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A Proj Rev Req w/o Incentive PCY*					12,368,472				1,784,371				-
B Proj Rev Req w/ Incentive PCY*					13,235,060				1,909,434				-
C Actual Rev Req w/o Incentive PCY*					12,370,696				1,774,127				9,596
D Actual Rev Req w/ Incentive PCY*					13,213,011				1,894,971				9,596
E TUA w/o Int w/o Incentive PCY (C-A)					2,224				(10,243)				9,596
F TUA w/o Int w/ Incentive PCY (B-D)					(22,049)				(14,463)				9,596
G Future Value Factor (1+Y/24 mo (AT76))					1,08460				1,08460				1,08460
H True-Up Adjustment w/o Incentive (E*G)					2,412				(11,110)				10,408
I True-Up Adjustment w/ Incentive (F*G)					(23,914)				(15,687)				10,408
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					10,532,180				1,499,043				22,631
W incentive					11,154,438				1,587,527				22,631

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														
10	Project H-10					Project I-1					Project I-2A			
11 Schedule 12 (Yes or No)	Yes	b0328.4				Yes	b0329				Yes	b0329		
12 Life	40	Upgrade Loudoun 500 kV Substation				40	Carson-Suffolk 500 kV line +				40	Carson-Suffolk 500 kV line +		
13 FCR W/O Incentive Line 3	10.5592%					10.5592%	Suffolk 500/230 # 2 transformer +				10.5592%	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		
15 FCR W incentive L13 +(L14*L5)	11.3993%					11.3993%					11.3993%			
16 Investment	3,123,926					2,434,850	Cost associated with below 500 kV elements.				38,926,257	Cost associated with below 500 kV elements.		
17 Annual Depreciation Exp	78,098					60,871					973,156			
18 In Service Month (1-12)	5					12					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						2,434,850	1,989	2,432,861						
28 W / O incentive						2,434,850	1,989	2,432,861						
29 W incentive						2,432,861	47,742	2,385,119						
30 W / O incentive						2,432,861	47,742	2,385,119						
31 W incentive	3,123,926	38,283	3,085,643			2,385,119	47,742	2,337,376			38,926,257	413,432	38,512,825	
32 W / O incentive	3,085,643	61,253	3,024,389			2,337,376	47,742	2,289,634			38,926,257	413,432	38,512,825	
33 W incentive	3,085,643	61,253	3,024,389			2,337,376	47,742	2,289,634			38,512,825	763,260	37,749,565	
34 W / O incentive	3,024,389	69,800	2,954,589			2,289,634	54,404	2,235,230			37,749,565	869,761	36,879,803	
35 W incentive	3,024,389	69,800	2,954,589			2,289,634	54,404	2,235,230			37,749,565	869,761	36,879,803	
36 W / O incentive	2,954,589	72,649	2,881,939			2,235,230	56,624	2,178,606			36,879,803	905,262	35,974,541	
37 W incentive	2,954,589	72,649	2,881,939			2,235,230	56,624	2,178,606			36,879,803	905,262	35,974,541	
38 W / O incentive	2,881,939	72,649	2,809,290			2,178,606	56,624	2,121,982			35,974,541	905,262	35,069,280	
39 W incentive	2,881,939	72,649	2,809,290			2,178,606	56,624	2,121,982			35,974,541	905,262	35,069,280	
40 W / O incentive	2,809,290	72,649	2,736,640			2,121,982	56,624	2,065,357			35,069,280	905,262	34,164,018	
41 W incentive	2,809,290	72,649	2,736,640			2,121,982	56,624	2,065,357			35,069,280	905,262	34,164,018	
42 W / O incentive	2,736,640	78,098	2,658,542			2,065,357	60,871	2,004,486			34,164,018	973,156	33,190,861	
43 W incentive	2,736,640	78,098	2,658,542			2,065,357	60,871	2,004,486			34,164,018	973,156	33,190,861	
44 W / O incentive	2,658,542	78,098	2,580,444			2,004,486	60,871	1,943,615			33,190,861	973,156	32,217,705	
45 W incentive	2,658,542	78,098	2,580,444			2,004,486	60,871	1,943,615			33,190,861	973,156	32,217,705	
46 W / O incentive	2,580,444	78,098	2,502,346	346,450		1,943,615	60,871	1,882,743	262,888		32,217,705	973,156	31,244,549	4,323,715
47 W incentive	2,580,444	78,098	2,502,346	367,799		1,943,615	60,871	1,882,743	276,960		32,217,705	973,156	31,244,549	4,590,277
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A Proj Rev Req w/o Incentive PCY*				406,084					308,158					5,067,937
B Proj Rev Req w/ Incentive PCY*				434,546					329,629					5,423,259
C Actual Rev Req w/o Incentive PCY*				407,009					308,984					5,079,364
D Actual Rev Req w/ Incentive PCY*				434,732					329,897					5,425,466
E TUA w/o Int w/o Incentive PCY (C-A)				925					826					11,426
F TUA w/o Int w/ Incentive PCY (B-D)				186					268					2,207
G Future Value Factor (1+Y/24 mo (AT76))				1.08460					1.08460					1.08460
H True-Up Adjustment w/o Incentive (E*G)				1,003					896					12,393
I True-Up Adjustment w/ Incentive (F*G)				202					291					2,394
TUA = True-Up Adjustment PCY = Previous Calendar Year														
W / O incentive				347,453					263,784					4,336,108
W incentive				368,001					279,251					4,592,671

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															
10				Project I-2B				Project J				Project K-1			
11	Schedule 12	(Yes or No)	Yes	b0329	Carson-Suffolk 500 kV line +	Yes	b0512	MAPP Project – Dominion Portion	No	40	Loudoun Bank # 1 transformer				
12	Life		40		Suffolk 500/230 # 2 transformer +	10.5592%			10.5592%		replacement				
13	FCR W/O Incentive	Line 3	10.5592%		Suffolk - Thrasher 230kV line	1.5			1.5						
14	Incentive Factor (Basis Points /100)		1.5			11.3993%			11.3993%						
15	FCR W incentive L13 +(L14*L5)		11.3993%												
16	Investment		163,415,144		Cost associated with Regional Facilities				12,786,365						
17	Annual Depreciation Exp		4,085,379		and Necessary Lower Voltage Facilities.		-		319,659						
18	In Service Month (1-12)		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	163,415,144	2,002,637	161,412,507										
31	W Incentive	2011	163,415,144	2,002,637	161,412,507										
32	W / O Incentive	2012	161,412,507	3,204,219	158,208,289	-	-	-	12,274,493	250,713	12,023,780				
33	W Incentive	2012	161,412,507	3,204,219	158,208,289	-	-	-	12,274,493	250,713	12,023,780				
34	W / O Incentive	2013	158,208,289	3,651,319	154,556,970	-	-	-	12,023,780	285,696	11,738,083				
35	W Incentive	2013	158,208,289	3,651,319	154,556,970	-	-	-	12,023,780	285,696	11,738,083				
36	W / O Incentive	2014	154,556,970	3,800,352	150,756,618	-	-	-	11,738,083	297,357	11,440,726				
37	W Incentive	2014	154,556,970	3,800,352	150,756,618	-	-	-	11,738,083	297,357	11,440,726				
38	W / O Incentive	2015	150,756,618	3,800,352	146,956,266	-	-	-	11,440,726	297,357	11,143,369				
39	W Incentive	2015	150,756,618	3,800,352	146,956,266	-	-	-	11,440,726	297,357	11,143,369				
40	W / O Incentive	2016	146,956,266	3,800,352	143,155,914	-	-	-	11,143,369	297,357	10,846,011				
41	W Incentive	2016	146,956,266	3,800,352	143,155,914	-	-	-	11,143,369	297,357	10,846,011				
42	W / O Incentive	2017	143,155,914	4,085,379	139,070,535	-	-	-	10,846,011	319,659	10,526,352				
43	W Incentive	2017	143,155,914	4,085,379	139,070,535	-	-	-	10,846,011	319,659	10,526,352				
44	W / O Incentive	2018	139,070,535	4,085,379	134,985,156	-	-	-	10,526,352	319,659	10,206,693				
45	W Incentive	2018	139,070,535	4,085,379	134,985,156	-	-	-	10,526,352	319,659	10,206,693				
46	W / O Incentive	2019	134,985,156	4,085,379	130,899,778	18,123,063	-	-	-	10,206,693	319,659	9,887,034	1,380,529		
47	W Incentive	2019	134,985,156	4,085,379	130,899,778	19,239,865	-	-	-	10,206,693	319,659	9,887,034	1,464,929		
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A	Proj Rev Req w/o Incentive PCY*					21,242,216				-				1,730,350	
B	Proj Rev Req w/ Incentive PCY*					22,731,041				-				1,850,911	
C	Actual Rev Req w/o Incentive PCY*					21,290,986				-				1,622,599	
D	Actual Rev Req w/ Incentive PCY*					22,741,185				-				1,732,421	
E	TUA w/o Int w/o Incentive PCY (C-A)					48,749				-				(107,751)	
F	TUA w/o Int w/ Incentive PCY (B-D)					10,143				-				(118,490)	
G	Future Value Factor (1+Y)^24 mo (AT76)					1.08460			1.08460					1.08460	
H	True-Up Adjustment w/o Incentive (E*G)					52,874				-				(116,867)	
I	True-Up Adjustment w/ Incentive (F*G)					11,002				-				(128,514)	
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O Incentive						18,175,937				-				1,263,663	
W Incentive						19,250,866				-				1,336,415	

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														
10			Project K-2				Project L-1a				Project L-1b			
11 Schedule 12 (Yes or No)	No	Loudoun Bank # 2 transformer replacement					No	Ox Bank # 1 transformer replacement			No	Ox Bank # 1 transformer spare		
12 Life	40						40				40			
13 FCR W/O Incentive Line 3	10.5592%						10.5592%				10.5592%			
14 Incentive Factor (Basis Points /100)	1.5						1.5				1.5			
15 FCR W Incentive L.13 +(L.14*L.5)	11.3993%						11.3993%				11.3993%			
16 Investment	14,388,779						10,056,166				2,857,132			
17 Annual Depreciation Exp	359,719						251,404				71,428			
18 In Service Month (1-12)	5						7				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							10,056,166	90,374	9,965,792		2,857,132	2,334	2,854,798	
28 W / O Incentive 2010	14,388,779	176,333	14,212,446				10,056,166	90,374	9,965,792		2,857,132	2,334	2,854,798	
29 W Incentive 2010	14,388,779	176,333	14,212,446				9,965,792	197,180	9,768,612		2,854,798	56,022	2,798,776	
30 W / O Incentive 2011	14,212,446	282,133	13,930,313				9,768,612	197,180	9,571,433		2,798,776	56,022	2,742,753	
31 W Incentive 2011	14,212,446	282,133	13,930,313				9,768,612	197,180	9,571,433		2,798,776	56,022	2,742,753	
32 W / O Incentive 2012	13,930,313	282,133	13,648,180				9,571,433	197,180	9,374,253		2,742,753	56,022	2,686,731	
33 W Incentive 2012	13,930,313	282,133	13,648,180				9,571,433	197,180	9,374,253		2,742,753	56,022	2,686,731	
34 W / O Incentive 2013	13,648,180	321,500	13,326,680				9,374,253	224,693	9,149,560		2,686,731	63,839	2,622,892	
35 W Incentive 2013	13,648,180	321,500	13,326,680				9,374,253	224,693	9,149,560		2,686,731	63,839	2,622,892	
36 W / O Incentive 2014	13,326,680	334,623	12,992,057				9,149,560	233,864	8,915,695		2,622,892	66,445	2,556,447	
37 W Incentive 2014	13,326,680	334,623	12,992,057				9,149,560	233,864	8,915,695		2,622,892	66,445	2,556,447	
38 W / O Incentive 2015	12,992,057	334,623	12,657,434				8,915,695	233,864	8,681,831		2,556,447	66,445	2,490,002	
39 W Incentive 2015	12,992,057	334,623	12,657,434				8,915,695	233,864	8,681,831		2,556,447	66,445	2,490,002	
40 W / O Incentive 2016	12,657,434	334,623	12,322,811				8,681,831	233,864	8,447,967		2,490,002	66,445	2,423,557	
41 W Incentive 2016	12,657,434	334,623	12,322,811				8,681,831	233,864	8,447,967		2,490,002	66,445	2,423,557	
42 W / O Incentive 2017	12,322,811	359,719	11,963,092				8,447,967	251,404	8,196,562		2,423,557	71,428	2,352,129	
43 W Incentive 2017	12,322,811	359,719	11,963,092				8,447,967	251,404	8,196,562		2,423,557	71,428	2,352,129	
44 W / O Incentive 2018	11,963,092	359,719	11,603,373				8,196,562	251,404	7,945,158		2,352,129	71,428	2,280,701	
45 W Incentive 2018	11,963,092	359,719	11,603,373				8,196,562	251,404	7,945,158		2,352,129	71,428	2,280,701	
46 W / O Incentive 2019	11,603,373	359,719	11,243,653	1,565,953			7,945,158	251,404	7,693,754	1,077,078	2,280,701	71,428	2,209,272	308,481
47 W Incentive 2019	11,603,373	359,719	11,243,653	1,661,918			7,945,158	251,404	7,693,754	1,142,766	2,280,701	71,428	2,209,272	327,341
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A Proj Rev Req w/o Incentive PCY*				1,865,210				1,345,222						361,603
B Proj Rev Req w/ Incentive PCY*				1,995,398				1,438,780						386,797
C Actual Rev Req w/o Incentive PCY*				1,840,290				1,266,117						362,572
D Actual Rev Req w/ Incentive PCY*				1,965,073				1,351,645						387,112
E TUA w/o Int w/o Incentive PCY (C-A)				(24,930)				(79,105)						969
F TUA w/o Int w/ Incentive PCY (B-D)				(30,326)				(87,135)						315
G Future Value Factor (1+Y)^24 mo (ATT6)				1.08460				1.08460						1.08460
H True-Up Adjustment w/o Incentive (E*G)				(27,039)				(85,797)						1,051
I True-Up Adjustment w/ Incentive (F*G)				(32,891)				(94,506)						341
TUA = True-Up Adjustment PCY = Previous Calendar Year														
W / O Incentive				1,538,914				991,280						309,532
W Incentive				1,629,027				1,049,260						327,682

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-2				Project M				Project N			
10				No				No				No			
11 Schedule 12 (Yes or No)	40	Ox Bank # 2 transformer replacement			40	Yacklin Bank # 2 transformer replacement			40	Carson Bank # 1 transformer replacement					
12 Life	10.5592%				10.5592%				10.5592%						
13 FCR W/O incentive Line 3	1.5				1.5				1.5						
14 Incentive Factor (Basis Points /100)	11.3993%				11.3993%				11.3993%						
15 FCR W incentive L.13 +(L.14*L.5)	11,501,538				16,357,858				18,431,682						
16 Investment	287,538				408,946				460,792						
17 Annual Depreciation Exp	3				6				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	11,501,538	178,537	11,323,001												
27 W incentive 2009	11,501,538	178,537	11,323,001												
28 W / O incentive 2010	11,323,001	225,520	11,097,481		16,357,858	173,735	16,184,123		18,431,682	225,878	18,205,804				
29 W incentive 2010	11,323,001	225,520	11,097,481		16,357,858	173,735	16,184,123		18,431,682	225,878	18,205,804				
30 W / O incentive 2011	11,097,481	225,520	10,871,960		16,184,123	320,742	15,863,380		18,205,804	361,406	17,844,398				
31 W incentive 2011	11,097,481	225,520	10,871,960		16,184,123	320,742	15,863,380		18,205,804	361,406	17,844,398				
32 W / O incentive 2012	10,871,960	225,520	10,646,440		15,863,380	320,742	15,542,638		17,844,398	361,406	17,482,992				
33 W incentive 2012	10,871,960	225,520	10,646,440		15,863,380	320,742	15,542,638		17,844,398	361,406	17,482,992				
34 W / O incentive 2013	10,646,440	256,988	10,389,452		15,542,638	365,497	15,177,141		17,482,992	411,834	17,071,158				
35 W incentive 2013	10,646,440	256,988	10,389,452		15,542,638	365,497	15,177,141		17,482,992	411,834	17,071,158				
36 W / O incentive 2014	10,389,452	267,478	10,121,974		15,177,141	380,415	14,796,726		17,071,158	428,644	16,642,515				
37 W incentive 2014	10,389,452	267,478	10,121,974		15,177,141	380,415	14,796,726		17,071,158	428,644	16,642,515				
38 W / O incentive 2015	10,121,974	267,478	9,854,496		14,796,726	380,415	14,416,310		16,642,515	428,644	16,213,871				
39 W incentive 2015	10,121,974	267,478	9,854,496		14,796,726	380,415	14,416,310		16,642,515	428,644	16,213,871				
40 W / O incentive 2016	9,854,496	267,478	9,587,019		14,416,310	380,415	14,035,895		16,213,871	428,644	15,785,227				
41 W incentive 2016	9,854,496	267,478	9,587,019		14,416,310	380,415	14,035,895		16,213,871	428,644	15,785,227				
42 W / O incentive 2017	9,587,019	287,538	9,299,480		14,035,895	408,946	13,626,949		15,785,227	460,792	15,324,435				
43 W incentive 2017	9,587,019	287,538	9,299,480		14,035,895	408,946	13,626,949		15,785,227	460,792	15,324,435				
44 W / O incentive 2018	9,299,480	287,538	9,011,942		13,626,949	408,946	13,218,002		15,324,435	460,792	14,863,643				
45 W incentive 2018	9,299,480	287,538	9,011,942		13,626,949	408,946	13,218,002		15,324,435	460,792	14,863,643				
46 W / O incentive 2019	9,011,942	287,538	8,724,403	1,223,948	13,218,002	408,946	12,809,056	1,783,073	14,863,643	460,792	14,402,851	2,005,948			
47 W incentive 2019	9,011,942	287,538	8,724,403	1,298,446	13,218,002	408,946	12,809,056	1,892,395	14,863,643	460,792	14,402,851	2,128,877			
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A Proj Rev Req w/o Incentive PCY*				1,434,767								2,119,700			
B Proj Rev Req w/ Incentive PCY*				1,534,405								2,267,703			
C Actual Rev Req w/o Incentive PCY*				1,438,931								2,095,378			
D Actual Rev Req w/ Incentive PCY*				1,535,979								2,237,523			
E TUA w/o Int w/o Incentive PCY (C-A)				4,164								(24,322)			
F TUA w/o Int w/ Incentive PCY (B-D)				1,573								(30,180)			
G Future Value Factor (1+Y)^24 mo (AT76)				1.08460								1.08460			
H True-Up Adjustment w/o Incentive (E*G)				4,516								(26,380)			
I True-Up Adjustment w/ Incentive (F*G)				1,706								(32,733)			
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O incentive				1,228,464								1,756,693			
W incentive				1,300,153								1,859,662			
												1,893,397			
												2,003,392			

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													
10		Project O				Project P				Project Q			
11 Schedule 12 (Yes or No)		No	Lexington Bank # 1 transformer			No	Dooms Bank # 7 transformer			No	Valley Bank # 1 transformer		
12 Life		40	replacement			40	replacement			40	replacement		
13 FCR W/O incentive Line 3		10.5592%				10.5592%				10.5592%			
14 Incentive Factor (Basis Points /100)		1.5				1.5				1.5			
15 FCR W incentive L.13 +(L.14*L.5)		11.3993%				11.3993%				11.3993%			
16 Investment		9,761,643				18,897,652				12,056,414			
17 Annual Depreciation Exp		244,041				472,441				301,410			
18 In Service Month (1-12)		12				8				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									12,056,414	9,850	12,046,564	
29 W incentive	2010									12,056,414	9,850	12,046,564	
30 W / O incentive	2011	9,761,643	7,975	9,753,668		18,897,652	138,953	18,758,699		12,046,564	236,400	11,810,164	
31 W incentive	2011	9,761,643	7,975	9,753,668		18,897,652	138,953	18,758,699		12,046,564	236,400	11,810,164	
32 W / O incentive	2012	9,753,668	191,405	9,562,263		18,758,699	370,542	18,388,156		11,810,164	236,400	11,573,763	
33 W incentive	2012	9,753,668	191,405	9,562,263		18,758,699	370,542	18,388,156		11,810,164	236,400	11,573,763	
34 W / O incentive	2013	9,562,263	218,112	9,344,151		18,388,156	422,246	17,965,911		11,573,763	269,386	11,304,377	
35 W incentive	2013	9,562,263	218,112	9,344,151		18,388,156	422,246	17,965,911		11,573,763	269,386	11,304,377	
36 W / O incentive	2014	9,344,151	227,015	9,117,136		17,965,911	439,480	17,526,430		11,304,377	280,382	11,023,995	
37 W incentive	2014	9,344,151	227,015	9,117,136		17,965,911	439,480	17,526,430		11,304,377	280,382	11,023,995	
38 W / O incentive	2015	9,117,136	227,015	8,890,121		17,526,430	439,480	17,086,950		11,023,995	280,382	10,743,614	
39 W incentive	2015	9,117,136	227,015	8,890,121		17,526,430	439,480	17,086,950		11,023,995	280,382	10,743,614	
40 W / O incentive	2016	8,890,121	227,015	8,663,106		17,086,950	439,480	16,647,470		10,743,614	280,382	10,463,232	
41 W incentive	2016	8,890,121	227,015	8,663,106		17,086,950	439,480	16,647,470		10,743,614	280,382	10,463,232	
42 W / O incentive	2017	8,663,106	244,041	8,419,065		16,647,470	472,441	16,175,029		10,463,232	301,410	10,161,822	
43 W incentive	2017	8,663,106	244,041	8,419,065		16,647,470	472,441	16,175,029		10,463,232	301,410	10,161,822	
44 W / O incentive	2018	8,419,065	244,041	8,175,024		16,175,029	472,441	15,702,587		10,161,822	301,410	9,860,411	
45 W incentive	2018	8,419,065	244,041	8,175,024		16,175,029	472,441	15,702,587		10,161,822	301,410	9,860,411	
46 W / O incentive	2019	8,175,024	244,041	7,930,983	1,094,376	15,702,587	472,441	15,230,146	2,105,589	9,860,411	301,410	9,559,001	1,326,679
47 W incentive	2019	8,175,024	244,041	7,930,983	1,162,026	15,702,587	472,441	15,230,146	2,235,496	9,860,411	301,410	9,559,001	1,408,247
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A Proj Rev Req w/o Incentive PCY*					1,363,586				2,467,973				1,555,069
B Proj Rev Req w/ Incentive PCY*					1,459,381				2,641,123				1,663,875
C Actual Rev Req w/o Incentive PCY*					1,285,435				2,473,424				1,558,791
D Actual Rev Req w/ Incentive PCY*					1,373,211				2,642,083				1,664,773
E TUA w/o Int w/o Incentive PCY (C-A)					(78,152)				5,451				3,722
F TUA w/o Int w/ Incentive PCY (B-D)					(86,170)				959				898
G Future Value Factor (1+)(24 mo (AT76))					1.08460				1.08460				1.08460
H True-Up Adjustment w/o Incentive (E*G)					(84,763)				5,912				4,037
I True-Up Adjustment w/ Incentive (F*G)					(93,460)				1,041				974
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					1,009,612				2,111,481				1,330,717
W incentive					1,069,566				2,236,537				1,409,221

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-1				Project R-2				Project R-3			
10			No	80124			No	80124			No	80124		
11 Schedule 12 (Yes or No)			40	Garrisonville 230 kV UG line			40	Garrisonville 230 kV UG line			40	Garrisonville 230 kV UG line		
12 Life			10.5592%	Phase 1			10.5592%	Phase 2			10.5592%	Phase 3		
13 FCR W/O Incentive Line 3			1.25				1.25				1.25			
14 Incentive Factor (Basis Points /100)			11.2593%				11.2593%				11.2593%			
15 FCR W incentive L.13 + (L.14*L.5)			91,286,696				32,204,664				13,426,813			
16 Investment			2,282,167				805,117				335,670			
17 Annual Depreciation Exp			6				6				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		91,286,696	969,548	90,317,148									
29 W Incentive	2010		91,286,696	969,548	90,317,148									
30 W / O Incentive	2011		90,317,148	1,789,935	88,527,213		32,204,664	342,043	31,862,621					
31 W Incentive	2011		90,317,148	1,789,935	88,527,213		32,204,664	342,043	31,862,621					
32 W / O Incentive	2012		88,527,213	1,789,935	86,737,277		31,862,621	631,464	31,231,157		13,426,813	230,362	13,196,451	
33 W Incentive	2012		88,527,213	1,789,935	86,737,277		31,862,621	631,464	31,231,157		13,426,813	230,362	13,196,451	
34 W / O Incentive	2013		86,737,277	2,039,694	84,697,584		31,231,157	719,575	30,511,582		13,196,451	300,006	12,896,445	
35 W Incentive	2013		86,737,277	2,039,694	84,697,584		31,231,157	719,575	30,511,582		13,196,451	300,006	12,896,445	
36 W / O Incentive	2014		84,697,584	2,122,946	82,574,637		30,511,582	748,946	29,762,636		12,896,445	312,251	12,584,193	
37 W Incentive	2014		84,697,584	2,122,946	82,574,637		30,511,582	748,946	29,762,636		12,896,445	312,251	12,584,193	
38 W / O Incentive	2015		82,574,637	2,122,946	80,451,691		29,762,636	748,946	29,013,690		12,584,193	312,251	12,271,942	
39 W Incentive	2015		82,574,637	2,122,946	80,451,691		29,762,636	748,946	29,013,690		12,584,193	312,251	12,271,942	
40 W / O Incentive	2016		80,451,691	2,122,946	78,328,744		29,013,690	748,946	28,264,745		12,271,942	312,251	11,959,690	
41 W Incentive	2016		80,451,691	2,122,946	78,328,744		29,013,690	748,946	28,264,745		12,271,942	312,251	11,959,690	
42 W / O Incentive	2017		78,328,744	2,282,167	76,046,577		28,264,745	805,117	27,459,628		11,959,690	335,670	11,624,020	
43 W Incentive	2017		78,328,744	2,282,167	76,046,577		28,264,745	805,117	27,459,628		11,959,690	335,670	11,624,020	
44 W / O Incentive	2018		76,046,577	2,282,167	73,764,410		27,459,628	805,117	26,654,512		11,624,020	335,670	11,288,350	
45 W Incentive	2018		76,046,577	2,282,167	73,764,410		27,459,628	805,117	26,654,512		11,624,020	335,670	11,288,350	
46 W / O Incentive	2019		73,764,410	2,282,167	71,482,242	9,950,622	26,654,512	805,117	25,849,395	3,577,117	11,288,350	335,670	10,952,679	1,509,910
47 W Incentive	2019		73,764,410	2,282,167	71,482,242	10,459,024	26,654,512	805,117	25,849,395	3,760,895	11,288,350	335,670	10,952,679	1,587,755
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A Proj Rev Req w/o Incentive PCY*					11,663,894				4,192,831				1,769,753	
B Proj Rev Req w/ Incentive PCY*					12,342,565				4,437,803				1,873,429	
C Actual Rev Req w/o Incentive PCY*					11,693,468				4,202,284				1,773,422	
D Actual Rev Req w/ Incentive PCY*					12,354,516				4,440,900				1,874,409	
E TUA w/o Int w/o Incentive PCY (C-A)					29,574				9,453				3,669	
F TUA w/o Int w/ Incentive PCY (B-D)					11,950				3,097				980	
G Future Value Factor (1+Y/24 mo (AT76))					1.08460				1.08460				1.08460	
H True-Up Adjustment w/o Incentive (E*G)					32,076				10,253				3,979	
I True-Up Adjustment w/ Incentive (F*G)					12,961				3,359				1,063	
TUA = True-Up Adjustment PCY = Previous Calendar Year														
W / O Incentive					9,982,699				3,587,370				1,513,889	
W Incentive					10,471,986				3,764,254				1,589,623	



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 S-1				Project S-2				Project T-1			
10		No	90133			No	90133			Yes	b0768		
11 Schedule 12 (Yes or No)		40	Pleasant View Hamilton 230kV			40	Pleasant View Hamilton 230kV			40	Glen Carlyn Line 251 GIB substation project		
12 Life		10.5592%	transmission line			10.5592%	transmission line			10.5592%			
13 FCR W/O Incentive Line 3		1.25				1.25				1.25	Loop Line 251 Idylwood - Arlington into		
14 Incentive Factor (Basis Points /100)		11.2593%				11.2593%				11.2593%	the GIS sub		
15 FCR W incentive L.13 +(L.14*L.5)		84,131,836				1,301,988				205,578			
16 Investment		2,103,296				32,550				5,139			
17 Annual Depreciation Exp		10				2				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	84,131,836	343,676	83,788,160						205,578	2,183	203,395	
29 W incentive	2010	84,131,836	343,676	83,788,160						205,578	2,183	203,395	
30 W / O incentive	2011	83,788,160	1,649,644	82,138,516		1,301,988	22,338	1,279,650		203,395	4,031	199,364	
31 W incentive	2011	83,788,160	1,649,644	82,138,516		1,301,988	22,338	1,279,650		203,395	4,031	199,364	
32 W / O incentive	2012	82,138,516	1,649,644	80,488,873		1,279,650	25,529	1,254,121		199,364	4,031	195,333	
33 W incentive	2012	82,138,516	1,649,644	80,488,873		1,279,650	25,529	1,254,121		199,364	4,031	195,333	
34 W / O incentive	2013	80,488,873	1,879,827	78,609,046		1,254,121	29,091	1,225,029		195,333	4,593	190,739	
35 W incentive	2013	80,488,873	1,879,827	78,609,046		1,254,121	29,091	1,225,029		195,333	4,593	190,739	
36 W / O incentive	2014	78,609,046	1,956,554	76,652,491		1,225,029	30,279	1,194,751		190,739	4,781	185,958	
37 W incentive	2014	78,609,046	1,956,554	76,652,491		1,225,029	30,279	1,194,751		190,739	4,781	185,958	
38 W / O incentive	2015	76,652,491	1,956,554	74,695,937		1,194,751	30,279	1,164,472		185,958	4,781	181,178	
39 W incentive	2015	76,652,491	1,956,554	74,695,937		1,194,751	30,279	1,164,472		185,958	4,781	181,178	
40 W / O incentive	2016	74,695,937	1,956,554	72,739,383		1,164,472	30,279	1,134,193		181,178	4,781	176,397	
41 W incentive	2016	74,695,937	1,956,554	72,739,383		1,164,472	30,279	1,134,193		181,178	4,781	176,397	
42 W / O incentive	2017	72,739,383	2,103,296	70,636,087		1,134,193	32,550	1,101,643		176,397	5,139	171,257	
43 W incentive	2017	72,739,383	2,103,296	70,636,087		1,134,193	32,550	1,101,643		176,397	5,139	171,257	
44 W / O incentive	2018	70,636,087	2,103,296	68,532,791		1,101,643	32,550	1,069,094		171,257	5,139	166,118	
45 W incentive	2018	70,636,087	2,103,296	68,532,791		1,101,643	32,550	1,069,094		171,257	5,139	166,118	
46 W / O incentive	2019	68,532,791	2,103,296	66,429,495	9,228,777	1,069,094	32,550	1,036,544	143,719	166,118	5,139	160,978	22,409
47 W incentive	2019	68,532,791	2,103,296	66,429,495	9,701,181	1,069,094	32,550	1,036,544	151,089	166,118	5,139	160,978	23,554
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A Proj Rev Req w/o Incentive PCY*				10,815,832				168,459				26,267	
B Proj Rev Req w/ Incentive PCY*				11,446,037				178,288				27,796	
C Actual Rev Req w/o Incentive PCY*				10,844,005				168,855				26,334	
D Actual Rev Req w/ Incentive PCY*				11,457,949				178,429				27,822	
E TUA w/o Int w/o Incentive PCY (C-A)				28,173				395				67	
F TUA w/o Int w/ Incentive PCY (B-D)				11,913				140				27	
G Future Value Factor (1+Y)^24 mo (A/T76)				1,08460				1,08460				1,08460	
H True-Up Adjustment w/o Incentive (E*G)				30,556				429				72	
I True-Up Adjustment w/ Incentive (F*G)				12,921				152				29	
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive				9,259,333				144,148				22,481	
W incentive				9,714,101				151,242				23,583	

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															
10				Project T-2				Project U-1				Project U-2			
11 Schedule 12 (Yes or No)	Yes	b0768		Yes	b0453.1			Yes	b0453.2						
12 Life	40	Glen Carlyn Line 251 GIB substation project		40	Convert Remington - Sowego			40	Add Sowego - Gainsville 230 kV						
13 FCR W/O incentive Line 3	10.5592%			10.5592%	115kV to 230kV			10.5592%							
14 Incentive Factor (Basis Points /100)	1.25	Loop Line 251 Idylwood - Arlington into		1.25				1.25							
15 FCR W incentive L.13 +(L.14*L.5)	11.2593%	the GIS sub		11.2593%				11.2593%							
16 Investment	23,483,583			1,472,605				12,889,633							
17 Annual Depreciation Exp	587,090			36,815				322,241							
18 In Service Month (1-12)	6			9				5							
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					1,472,605	8,422	1,464,183								
29 W incentive					1,472,605	8,422	1,464,183								
30 W / O incentive	23,483,583	249,417	23,234,166		1,464,183	28,875	1,435,309								
31 W incentive	23,483,583	249,417	23,234,166		1,464,183	28,875	1,435,309								
32 W / O incentive	23,234,166	460,462	22,773,703		1,435,309	28,875	1,406,434		12,889,633	157,961	12,731,672				
33 W incentive	23,234,166	460,462	22,773,703		1,435,309	28,875	1,406,434		12,889,633	157,961	12,731,672				
34 W / O incentive	22,773,703	524,713	22,248,990		1,406,434	32,904	1,373,530		12,731,672	288,004	12,443,668				
35 W incentive	22,773,703	524,713	22,248,990		1,406,434	32,904	1,373,530		12,731,672	288,004	12,443,668				
36 W / O incentive	22,248,990	546,130	21,702,861		1,373,530	34,247	1,339,284		12,443,668	299,759	12,143,909				
37 W incentive	22,248,990	546,130	21,702,861		1,373,530	34,247	1,339,284		12,443,668	299,759	12,143,909				
38 W / O incentive	21,702,861	546,130	21,156,731		1,339,284	34,247	1,305,037		12,143,909	299,759	11,844,150				
39 W incentive	21,702,861	546,130	21,156,731		1,339,284	34,247	1,305,037		12,143,909	299,759	11,844,150				
40 W / O incentive	21,156,731	546,130	20,610,601		1,305,037	34,247	1,270,791		11,844,150	299,759	11,544,391				
41 W incentive	21,156,731	546,130	20,610,601		1,305,037	34,247	1,270,791		11,844,150	299,759	11,544,391				
42 W / O incentive	20,610,601	587,090	20,023,511		1,270,791	36,815	1,233,975		11,544,391	322,241	11,222,151				
43 W incentive	20,610,601	587,090	20,023,511		1,270,791	36,815	1,233,975		11,544,391	322,241	11,222,151				
44 W / O incentive	20,023,511	587,090	19,436,422		1,233,975	36,815	1,197,160		11,222,151	322,241	10,899,910				
45 W incentive	20,023,511	587,090	19,436,422		1,233,975	36,815	1,197,160		11,222,151	322,241	10,899,910				
46 W / O incentive	19,436,422	587,090	18,849,332	2,608,428	1,197,160	36,815	1,160,345	161,282	10,899,910	322,241	10,577,669	1,456,173			
47 W incentive	19,436,422	587,090	18,849,332	2,742,438	1,197,160	36,815	1,160,345	169,534	10,899,910	322,241	10,577,669	1,531,350			
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A Proj Rev Req w/o Incentive PCY*				3,057,405				189,049				1,706,751			
B Proj Rev Req w/ Incentive PCY*				3,236,038				200,061				1,806,834			
C Actual Rev Req w/o Incentive PCY*				3,064,298				189,515				1,710,175			
D Actual Rev Req w/ Incentive PCY*				3,238,297				200,241				1,807,663			
E TUA w/o Int w/o Incentive PCY (C-A)				6,893				466				3,424			
F TUA w/o Int w/ Incentive PCY (B-D)				2,259				180				829			
G Future Value Factor (1+Y/24 mo (AT76))				1.08460				1.08460				1.08460			
H True-Up Adjustment w/o Incentive (E*G)				7,476				505				3,714			
I True-Up Adjustment w/ Incentive (F*G)				2,450				195				899			
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O incentive				2,615,904				161,787				1,459,887			
W incentive				2,744,888				169,729				1,532,250			

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																
10																
11 Schedule 12 (Yes or No)	Yes	b0337	Project V				Yes	b0467.2	Project W				Yes	b0311	Project X	
12 Life	40		Build Lexington 230kV ring bus				40		Reconductor the Dickerson - Pleasant View 230 kV circuit				40		Reconductor Idylwood to Arlington 230 kV	
13 FCR W/O Incentive Line 3	10.5592%						10.5592%						10.5592%			
14 Incentive Factor (Basis Points /100)	1.25						1.25						1.25			
15 FCR W Incentive L.13 +(L.14*L.5)	11.2593%						11.2593%						11.2593%			
16 Investment	6,389,531						5,249,379						3,196,608			
17 Annual Depreciation Exp	159,738						131,234						79,915			
18 In Service Month (1-12)	3						6						8			
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								3,196,608	23,504	3,173,104			
27 W Incentive 2009	6,389,531	99,184	6,290,347								3,196,608	23,504	3,173,104			
28 W / O Incentive 2010	6,290,347	125,285	6,165,062								3,173,104	62,679	3,110,425			
29 W Incentive 2010	6,290,347	125,285	6,165,062								3,173,104	62,679	3,110,425			
30 W / O Incentive 2011	6,165,062	125,285	6,039,777			5,249,379	55,753	5,193,626			3,110,425	62,679	3,047,746			
31 W Incentive 2011	6,165,062	125,285	6,039,777			5,249,379	55,753	5,193,626			3,110,425	62,679	3,047,746			
32 W / O Incentive 2012	6,039,777	125,285	5,914,492			5,193,626	102,929	5,090,697			3,047,746	62,679	2,985,068			
33 W Incentive 2012	6,039,777	125,285	5,914,492			5,193,626	102,929	5,090,697			3,047,746	62,679	2,985,068			
34 W / O Incentive 2013	5,914,492	142,767	5,771,726			5,090,697	117,291	4,973,406			2,985,068	71,424	2,913,643			
35 W Incentive 2013	5,914,492	142,767	5,771,726			5,090,697	117,291	4,973,406			2,985,068	71,424	2,913,643			
36 W / O Incentive 2014	5,771,726	148,594	5,623,132			4,973,406	122,079	4,851,327			2,913,643	74,340	2,839,304			
37 W Incentive 2014	5,771,726	148,594	5,623,132			4,973,406	122,079	4,851,327			2,913,643	74,340	2,839,304			
38 W / O Incentive 2015	5,623,132	148,594	5,474,538			4,851,327	122,079	4,729,248			2,839,304	74,340	2,764,964			
39 W Incentive 2015	5,623,132	148,594	5,474,538			4,851,327	122,079	4,729,248			2,839,304	74,340	2,764,964			
40 W / O Incentive 2016	5,474,538	148,594	5,325,945			4,729,248	122,079	4,607,170			2,764,964	74,340	2,690,624			
41 W Incentive 2016	5,474,538	148,594	5,325,945			4,729,248	122,079	4,607,170			2,764,964	74,340	2,690,624			
42 W / O Incentive 2017	5,325,945	159,738	5,166,206			4,607,170	131,234	4,475,935			2,690,624	79,915	2,610,709			
43 W Incentive 2017	5,325,945	159,738	5,166,206			4,607,170	131,234	4,475,935			2,690,624	79,915	2,610,709			
44 W / O Incentive 2018	5,166,206	159,738	5,006,468			4,475,935	131,234	4,344,701			2,610,709	79,915	2,530,794			
45 W Incentive 2018	5,166,206	159,738	5,006,468			4,475,935	131,234	4,344,701			2,610,709	79,915	2,530,794			
46 W / O Incentive 2019	5,006,468	159,738	4,846,730	679,949		4,344,701	131,234	4,213,466	583,072		2,530,794	79,915	2,450,879	342,928		
47 W Incentive 2019	5,006,468	159,738	4,846,730	714,437		4,344,701	131,234	4,213,466	613,028		2,530,794	79,915	2,450,879	360,365		
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A Proj Rev Req w/o Incentive PCY*			797,066				683,434				401,988					
B Proj Rev Req w/ Incentive PCY*			843,194				723,364				425,294					
C Actual Rev Req w/o Incentive PCY*			799,379				684,975				403,104					
D Actual Rev Req w/ Incentive PCY*			844,308				723,869				425,805					
E TUA w/o Int w/o Incentive PCY (C-A)			2,313				1,541				1,117					
F TUA w/o Int w/ Incentive PCY (B-D)			1,114				505				511					
G Future Value Factor (1+Y)^24 mo (A/T76)			1.08460				1.08460				1.08460					
H True-Up Adjustment w/o Incentive (E*G)			2,509				1,671				1,211					
I True-Up Adjustment w/ Incentive (F*G)			1,208				548				554					
TUA = True-Up Adjustment PCY = Previous Calendar Year																
W / O Incentive			682,457				584,743				344,139					
W Incentive			715,646				613,576				360,919					

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																	
10		Project AA - 1				Project AA - 1B				Project AB-2							
11 Schedule 12 (Yes or No)	Yes	b0231			Yes	b0231			Yes	b0456							
12 Life	40	Install 500 kV breakers and			40	Install 500 kV breakers and			40	Re-Conductor 9.4 miles of Edinburg -							
13 FCR W/O incentive Line 3	10.5592%	500 kV bus work at Suffolk			10.5592%	500 kV bus work at Suffolk - Replacement			10.5592%	Mt. Jackson 115 kV							
14 Incentive Factor (Basis Points /100)	0				0	of bushings			0								
15 FCR W incentive L.13 +(L.14*L.5)	10.5592%				10.5592%				10.5592%								
16 Investment	21,905,733				817,260				4,839,985								
17 Annual Depreciation Exp	547,643				20,432				121,000								
18 In Service Month (1-12)	11				11				11								
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	21,905,733	53,691	21,852,042						4,839,985	11,863	4,828,122						
27 W incentive 2009	21,905,733	53,691	21,852,042						4,839,985	11,863	4,828,122						
28 W / O incentive 2010	21,852,042	429,524	21,422,518						4,828,122	94,902	4,733,221						
29 W incentive 2010	21,852,042	429,524	21,422,518						4,828,122	94,902	4,733,221						
30 W / O incentive 2011	21,422,518	429,524	20,992,994						4,733,221	94,902	4,638,319						
31 W incentive 2011	21,422,518	429,524	20,992,994						4,733,221	94,902	4,638,319						
32 W / O incentive 2012	20,992,994	429,524	20,563,470						4,638,319	94,902	4,543,417						
33 W incentive 2012	20,992,994	429,524	20,563,470						4,638,319	94,902	4,543,417						
34 W / O incentive 2013	20,563,470	489,458	20,074,012						4,543,417	108,144	4,435,274						
35 W incentive 2013	20,563,470	489,458	20,074,012						4,543,417	108,144	4,435,274						
36 W / O incentive 2014	20,074,012	509,436	19,564,577						4,435,274	112,558	4,322,716						
37 W incentive 2014	20,074,012	509,436	19,564,577						4,435,274	112,558	4,322,716						
38 W / O incentive 2015	19,564,577	509,436	19,055,141						4,322,716	112,558	4,210,158						
39 W incentive 2015	19,564,577	509,436	19,055,141						4,322,716	112,558	4,210,158						
40 W / O incentive 2016	19,055,141	509,436	18,545,705						4,210,158	112,558	4,097,600						
41 W incentive 2016	19,055,141	509,436	18,545,705						4,210,158	112,558	4,097,600						
42 W / O incentive 2017	18,545,705	547,643	17,998,062		817,260	2,554	814,706		4,097,600	121,000	3,976,601						
43 W incentive 2017	18,545,705	547,643	17,998,062		817,260	2,554	814,706		4,097,600	121,000	3,976,601						
44 W / O incentive 2018	17,998,062	547,643	17,450,419		814,706	20,432	794,275		3,976,601	121,000	3,855,601						
45 W incentive 2018	17,998,062	547,643	17,450,419		814,706	20,432	794,275		3,976,601	121,000	3,855,601						
46 W / O incentive 2019	17,450,419	547,643	16,902,775	2,361,358	794,275	20,432	773,843	103,222	3,855,601	121,000	3,734,601	521,733					
47 W incentive 2019	17,450,419	547,643	16,902,775	2,361,358	794,275	20,432	773,843	103,222	3,855,601	121,000	3,734,601	521,733					
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A Proj Rev Req w/o Incentive PCY*				2,768,832					-					611,579			
B Proj Rev Req w/ Incentive PCY*				2,768,832					-					611,579			
C Actual Rev Req w/o Incentive PCY*				2,775,489					14,990					613,233			
D Actual Rev Req w/ Incentive PCY*				2,775,489					14,990					613,233			
E TUA w/o Int w/o Incentive PCY (C-A)				6,657					14,990					1,654			
F TUA w/o Int w/ Incentive PCY (B-D)				6,657					14,990					1,654			
G Future Value Factor (1+Y)^24 mo (ATT6)				1.08460					1.08460					1.08460			
H True-Up Adjustment w/o Incentive (E*G)				7,220					16,258					1,794			
I True-Up Adjustment w/ Incentive (F*G)				7,220					16,258					1,794			
TUA = True-Up Adjustment																	
PCY = Previous Calendar Year																	
W / O incentive				2,368,578					119,480					523,526			
W incentive				2,368,578					119,480					523,526			

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														
10	Project AC				Project AG				2009 Add-1					
11 Schedule 12 (Yes or No)	Yes	b0227	Install 500/230 kV transformer at Bristers;		Yes	b0455	Add 2nd Endless Caverns 230/115kV		Yes	B0453.3	Add Sowego 230/115/ kV transformer			
12 Life	40		build new 230 kV Bristers- Gainesville circuit;		40		transformer		40					
13 FCR W/O Incentive Line 3	10.5592%		upgrade two Loudoun - Brambleton circuits		10.5592%				10.5592%					
14 Incentive Factor (Basis Points /100)	0				0				1.25					
15 FCR W incentive L.13 +(L.14*L.5)	10.5592%				10.5592%				11.2593%					
16 Investment	21,117,166				3,424,618				3,355,513					
17 Annual Depreciation Exp	527,929				85,615				83,888					
18 In Service Month (1-12)	6				5				9					
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	21,117,166	224,284	20,892,882		3,424,618	41,968	3,382,650		3,355,513	19,190	3,336,323			
27 W Incentive 2009	21,117,166	224,284	20,892,882		3,424,618	41,968	3,382,650		3,355,513	19,190	3,336,323			
28 W / O Incentive 2010	20,892,882	414,062	20,478,820		3,382,650	67,149	3,315,500		3,336,323	65,794	3,270,529			
29 W Incentive 2010	20,892,882	414,062	20,478,820		3,382,650	67,149	3,315,500		3,336,323	65,794	3,270,529			
30 W / O Incentive 2011	20,478,820	414,062	20,064,758		3,315,500	67,149	3,248,351		3,270,529	65,794	3,204,734			
31 W Incentive 2011	20,478,820	414,062	20,064,758		3,315,500	67,149	3,248,351		3,270,529	65,794	3,204,734			
32 W / O Incentive 2012	20,064,758	414,062	19,650,696		3,248,351	67,149	3,181,202		3,204,734	65,794	3,138,940			
33 W Incentive 2012	20,064,758	414,062	19,650,696		3,248,351	67,149	3,181,202		3,204,734	65,794	3,138,940			
34 W / O Incentive 2013	19,650,696	471,838	19,178,858		3,181,202	76,519	3,104,682		3,138,940	74,975	3,063,965			
35 W Incentive 2013	19,650,696	471,838	19,178,858		3,181,202	76,519	3,104,682		3,138,940	74,975	3,063,965			
36 W / O Incentive 2014	19,178,858	491,097	18,687,761		3,104,682	79,642	3,025,040		3,063,965	78,035	2,985,930			
37 W Incentive 2014	19,178,858	491,097	18,687,761		3,104,682	79,642	3,025,040		3,063,965	78,035	2,985,930			
38 W / O Incentive 2015	18,687,761	491,097	18,196,664		3,025,040	79,642	2,945,398		2,985,930	78,035	2,907,895			
39 W Incentive 2015	18,687,761	491,097	18,196,664		3,025,040	79,642	2,945,398		2,985,930	78,035	2,907,895			
40 W / O Incentive 2016	18,196,664	491,097	17,705,567		2,945,398	79,642	2,865,756		2,907,895	78,035	2,829,859			
41 W Incentive 2016	18,196,664	491,097	17,705,567		2,945,398	79,642	2,865,756		2,907,895	78,035	2,829,859			
42 W / O Incentive 2017	17,705,567	527,929	17,177,638		2,865,756	85,615	2,780,140		2,829,859	83,888	2,745,971			
43 W Incentive 2017	17,705,567	527,929	17,177,638		2,865,756	85,615	2,780,140		2,829,859	83,888	2,745,971			
44 W / O Incentive 2018	17,177,638	527,929	16,649,709		2,780,140	85,615	2,694,525		2,745,971	83,888	2,662,084			
45 W Incentive 2018	17,177,638	527,929	16,649,709		2,780,140	85,615	2,694,525		2,745,971	83,888	2,662,084			
46 W / O Incentive 2019	16,649,709	527,929	16,121,780	2,258,136	2,694,525	85,615	2,608,909	365,616	2,662,084	83,888	2,578,196	360,554		
47 W Incentive 2019	16,649,709	527,929	16,121,780	2,258,136	2,694,525	85,615	2,608,909	365,616	2,662,084	83,888	2,578,196	378,896		
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A Proj Rev Req w/o Incentive PCY*				2,647,057				428,588				422,648		
B Proj Rev Req w/ Incentive PCY*				2,647,057				428,588				447,161		
C Actual Rev Req w/o Incentive PCY*				2,654,541				429,811				423,811		
D Actual Rev Req w/ Incentive PCY*				2,654,541				429,811				447,688		
E TUA w/o Int w/o Incentive PCY (C-A)				7,484				1,222				1,164		
F TUA w/o Int w/ Incentive PCY (B-D)				7,484				1,222				527		
G Future Value Factor (1+Y/24 mo (ATTG))				1.08460				1.08460				1.08460		
H True-Up Adjustment w/o Incentive (E*G)				8,117				1,326				1,262		
I True-Up Adjustment w/ Incentive (F*G)				8,117				1,326				571		
TUA = True-Up Adjustment PCY = Previous Calendar Year														
W / O Incentive				2,266,253				366,942				361,816		
W Incentive				2,266,253				366,942				379,468		

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															
10				2009 Add-6				Project AJ				Project AK-1			
11 Schedule 12 (Yes or No)	Yes	B0837		Yes	B0327			Yes	B1507						
12 Life	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			40	Rebuild Mt Storm - Doubts 500 kV						
13 FCR W/O Incentive Line 3	10.5592%			10.5592%				10.5592%							
14 Incentive Factor (Basis Points /100)	0			0				0							
15 FCR W incentive L.13 +(L.14*L.5)	10.5592%			10.5592%				10.5592%							
16 Investment	779,172			6,211,387				23,947,642							
17 Annual Depreciation Exp	19,479			155,285				598,691							
18 In Service Month (1-12)	6			7				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	779,172	8,276	770,896												
28 W / O incentive	779,172	8,276	770,896												
29 W incentive	770,896	15,278	755,619	6,211,387	55,821	6,155,566									
30 W / O incentive	770,896	15,278	755,619	6,211,387	55,821	6,155,566									
31 W / O incentive	755,619	15,278	740,341	6,155,566	121,792	6,033,774	23,947,642	19,565	23,928,077						
32 W incentive	755,619	15,278	740,341	6,155,566	121,792	6,033,774	23,947,642	19,565	23,928,077						
33 W / O incentive	740,341	15,278	725,063	6,033,774	121,792	5,911,982	23,928,077	469,562	23,458,515						
34 W incentive	740,341	15,278	725,063	6,033,774	121,792	5,911,982	23,928,077	469,562	23,458,515						
35 W / O incentive	725,063	17,410	707,653	5,911,982	138,786	5,773,196	23,458,515	535,082	22,923,433						
36 W incentive	725,063	17,410	707,653	5,911,982	138,786	5,773,196	23,458,515	535,082	22,923,433						
37 W / O incentive	707,653	18,120	689,533	5,773,196	144,451	5,628,745	22,923,433	556,922	22,366,512						
38 W incentive	707,653	18,120	689,533	5,773,196	144,451	5,628,745	22,923,433	556,922	22,366,512						
39 W / O incentive	689,533	18,120	671,413	5,628,745	144,451	5,484,294	22,366,512	556,922	21,809,590						
40 W incentive	689,533	18,120	671,413	5,628,745	144,451	5,484,294	22,366,512	556,922	21,809,590						
41 W / O incentive	671,413	18,120	653,292	5,484,294	144,451	5,339,843	21,809,590	556,922	21,252,668						
42 W incentive	671,413	18,120	653,292	5,484,294	144,451	5,339,843	21,809,590	556,922	21,252,668						
43 W / O incentive	653,292	19,479	633,813	5,339,843	155,285	5,184,559	21,252,668	598,691	20,653,977						
44 W incentive	653,292	19,479	633,813	5,339,843	155,285	5,184,559	21,252,668	598,691	20,653,977						
45 W / O incentive	633,813	19,479	614,334	5,184,559	155,285	5,029,274	20,653,977	598,691	20,055,286						
46 W incentive	633,813	19,479	614,334	5,184,559	155,285	5,029,274	20,653,977	598,691	20,055,286						
47 W / O incentive	614,334	19,479	594,854	5,029,274	155,285	4,873,989	678,138	20,055,286	598,691	19,456,595	2,684,764				
48 W incentive	614,334	19,479	594,854	5,029,274	155,285	4,873,989	678,138	20,055,286	598,691	19,456,595	2,684,764				
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A Proj Rev Req w/o Incentive PCY*			97,670				794,895					3,146,813			
B Proj Rev Req w/ Incentive PCY*			97,670				794,895					3,146,813			
C Actual Rev Req w/o Incentive PCY*			97,946				796,892					3,153,478			
D Actual Rev Req w/ Incentive PCY*			97,946				796,892					3,153,478			
E TUA w/o Int w/o Incentive PCY (C-A)			276				1,997					6,665			
F TUA w/o Int w/ Incentive PCY (B-D)			276				1,997					6,665			
G Future Value Factor (1+Y)^24 mo (A/T76)			1.08460				1.08460					1.08460			
H True-Up Adjustment w/o Incentive (E*G)			300				2,165					7,229			
I True-Up Adjustment w/ Incentive (F*G)			300				2,165					7,229			
TUA = True-Up Adjustment															
PCY = Previous Calendar Year															
W / O incentive			83,619				680,304					2,691,993			
W incentive			83,619				680,304					2,691,993			

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-2				Project AK-3				Project AK-4			
10		Yes	B1507			Yes	B1507			Yes	B1507		
12 Life	(Yes or No)	40	Rebuild Mt Storm - Doubts 500 kV			40	Rebuild Mt. Storm-Doubts 500 kV			40	Rebuild Mt. Storm-Doubts 500 kV		
13 FCR W/O Incentive	Line 3	10.5592%				10.5592%				10.5592%			
14 Incentive Factor (Basis Points /100)		0				0				0			
15 FCR W incentive L.13 +(L.14*L.5)		10.5592%				10.5592%				10.5592%			
16 Investment		21,791,010				120,381,556				150,057,664			
17 Annual Depreciation Exp		544,775				3,009,539				3,751,442			
18 In Service Month (1-12)		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												
31 W incentive	2011												
32 W / O incentive	2012	21,791,010	267,047	21,523,963									
33 W incentive	2012	21,791,010	267,047	21,523,963									
34 W / O incentive	2013	21,523,963	486,894	21,037,069		120,381,556	1,749,732	118,631,824					
35 W incentive	2013	21,523,963	486,894	21,037,069		118,631,824	1,749,732	116,882,092					
36 W / O incentive	2014	21,037,069	506,768	20,530,301		116,882,092	2,799,571	114,082,521		150,057,664	2,181,071	147,876,593	
37 W incentive	2014	21,037,069	506,768	20,530,301		114,082,521	2,799,571	111,282,950		150,057,664	2,181,071	147,876,593	
38 W / O incentive	2015	20,530,301	506,768	20,023,534		111,282,950	2,799,571	108,483,379		147,876,593	3,489,713	144,386,880	
39 W incentive	2015	20,530,301	506,768	20,023,534		108,483,379	2,799,571	105,683,808		147,876,593	3,489,713	144,386,880	
40 W / O incentive	2016	20,023,534	506,768	19,516,766		105,683,808	2,799,571	102,884,237		144,386,880	3,489,713	140,897,167	
41 W incentive	2016	20,023,534	506,768	19,516,766		102,884,237	2,799,571	100,084,666		144,386,880	3,489,713	140,897,167	
42 W / O incentive	2017	19,516,766	544,775	18,971,991		100,084,666	3,009,539	97,075,127		140,897,167	3,751,442	137,145,725	
43 W incentive	2017	19,516,766	544,775	18,971,991		97,075,127	3,009,539	94,065,588		140,897,167	3,751,442	137,145,725	
44 W / O incentive	2018	18,971,991	544,775	18,427,215		94,065,588	3,009,539	91,056,049		137,145,725	3,751,442	133,394,284	
45 W incentive	2018	18,971,991	544,775	18,427,215		91,056,049	3,009,539	88,046,510		137,145,725	3,751,442	133,394,284	
46 W / O incentive	2019	18,427,215	544,775	17,882,440	2,461,783	88,046,510	3,009,539	85,036,971	13,854,834	133,394,284	3,751,442	129,642,842	17,638,773
47 W incentive	2019	18,427,215	544,775	17,882,440	2,461,783	85,036,971	3,009,539	82,027,432	13,854,834	133,394,284	3,751,442	129,642,842	17,638,773
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A Proj Rev Req w/o Incentive PCY*					2,885,406			16,238,289					20,657,724
B Proj Rev Req w/ Incentive PCY*					2,885,406			16,238,289					20,657,724
C Actual Rev Req w/o Incentive PCY*					2,891,195			16,266,517					20,701,984
D Actual Rev Req w/ Incentive PCY*					2,891,195			16,266,517					20,701,984
E TUA w/o Int w/o Incentive PCY (C-A)					5,788			28,228					44,259
F TUA w/o Int w/ Incentive PCY (B-D)					5,788			28,228					44,259
G Future Value Factor (1+Y/24 mo (AT7))					1,08460			1,08460					1,08460
H True-Up Adjustment w/o Incentive (E*G)					6,278			30,616					48,003
I True-Up Adjustment w/ Incentive (F*G)					6,278			30,616					48,003
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					2,468,061			13,885,450					17,686,776
W incentive					2,468,061			13,885,450					17,686,776

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-5				Project AK-6				Project AL			
10	11 Schedule 12 (Yes or No)	Yes	B1507	Rebuild Mt. Storm-Doubs 500 kV		Yes	B1507	Rebuild Mt. Storm-Doubs 500 kV		Yes	B0457	Replace both wave traps on Dooms - Lexington 500 kV	
12 Life		40				40				40			
13 FCR W/O incentive	Line 3	10.5592%				10.5592%				10.5592%			
14 Incentive Factor (Basis Points /100)		0				0				0			
15 FCR W incentive L.13 +(L.14*L.5)		10.5592%				10.5592%				10.5592%			
16 Investment		15,394,401				515,816				108,763			
17 Annual Depreciation Exp		384,860				12,895				2,719			
18 In Service Month (1-12)		5				6				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									108,763	89	108,674	
31 W incentive	2011									108,763	89	108,674	
32 W / O incentive	2012									108,674	2,133	106,542	
33 W incentive	2012									108,674	2,133	106,542	
34 W / O incentive	2013									106,542	2,430	104,111	
35 W incentive	2013									106,542	2,430	104,111	
36 W / O incentive	2014									104,111	2,529	101,582	
37 W incentive	2014									104,111	2,529	101,582	
38 W / O incentive	2015	15,394,401	223,756	15,170,645						101,582	2,529	99,053	
39 W incentive	2015	15,394,401	223,756	15,170,645						101,582	2,529	99,053	
40 W / O incentive	2016	15,170,645	358,009	14,812,636		515,816	6,498	509,318		99,053	2,529	96,523	
41 W incentive	2016	15,170,645	358,009	14,812,636		515,816	6,498	509,318		99,053	2,529	96,523	
42 W / O incentive	2017	14,812,636	384,860	14,427,776		509,318	12,895	496,423		96,523	2,719	93,804	
43 W incentive	2017	14,812,636	384,860	14,427,776		509,318	12,895	496,423		96,523	2,719	93,804	
44 W / O incentive	2018	14,427,776	384,860	14,042,916		496,423	12,895	483,528		93,804	2,719	91,085	
45 W incentive	2018	14,427,776	384,860	14,042,916		496,423	12,895	483,528		93,804	2,719	91,085	
46 W / O incentive	2019	14,042,916	384,860	13,658,056	1,847,363	483,528	12,895	470,632	63,271	91,085	2,719	88,366	12,193
47 W incentive	2019	14,042,916	384,860	13,658,056	1,847,363	483,528	12,895	470,632	63,271	91,085	2,719	88,366	12,193
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A Proj Rev Req w/o Incentive PCY*				2,055,580				89,413				14,292	
B Proj Rev Req w/ Incentive PCY*				2,055,580				89,413				14,292	
C Actual Rev Req w/o Incentive PCY*				2,167,466				74,209				14,322	
D Actual Rev Req w/ Incentive PCY*				2,167,466				74,209				14,322	
E TUA w/o Int w/o Incentive PCY (C-A)				111,885				(15,204)				30	
F TUA w/o Int w/ Incentive PCY (B-D)				111,885				(15,204)				30	
G Future Value Factor (1+Y)^24 mo (A/T76)				1,08460				1,08460				1,08460	
H True-Up Adjustment w/o Incentive (E*G)				121,351				(16,490)				33	
I True-Up Adjustment w/ Incentive (F*G)				121,351				(16,490)				33	
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive				1,968,714				46,781				12,226	
W incentive				1,968,714				46,781				12,226	



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															
10		Project AM				Project AO				Project AP-1					
11 Schedule 12 (Yes or No)	Yes	B0784				Yes	B1224				Yes	B1508.3			
12 Life	40	Replace wave traps on North Anna to Ladysmith 500 kV				40	Install 2nd Clover 500/230 kV transformer and a 150 MVar capacitor				40	Upgrade a 115 kV shunt capacitor banks at Merck and Edinburg			
13 FCR W/O incentive Line 3	10.5592%					10.5592%					10.5592%				
14 Incentive Factor (Basis Points /100)	0					0					0				
15 FCR W incentive L.13 +(L.14*L.5)	10.5592%					10.5592%					10.5592%	Merck			
16 Investment	75,695					14,160,502					511,009				
17 Annual Depreciation Exp	1,892					354,013					12,775				
18 In Service Month (1-12)	10					4					7				
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		75,695	309	75,386											
31 W incentive 2011		75,695	309	75,386											
32 W / O incentive 2012		75,386	1,484	73,902						511,009	4,592	506,417			
33 W incentive 2012		75,386	1,484	73,902						511,009	4,592	506,417			
34 W / O incentive 2013		73,902	1,691	72,210		14,160,502	233,264	13,927,238		506,417	11,418	494,999			
35 W incentive 2013		73,902	1,691	72,210		14,160,502	233,264	13,927,238		506,417	11,418	494,999			
36 W / O incentive 2014		72,210	1,760	70,450		13,927,238	329,314	13,597,924		494,999	11,884	483,115			
37 W incentive 2014		72,210	1,760	70,450		13,927,238	329,314	13,597,924		494,999	11,884	483,115			
38 W / O incentive 2015		70,450	1,760	68,690		13,597,924	329,314	13,268,610		483,115	11,884	471,231			
39 W incentive 2015		70,450	1,760	68,690		13,597,924	329,314	13,268,610		483,115	11,884	471,231			
40 W / O incentive 2016		68,690	1,760	66,929		13,268,610	329,314	12,939,296		471,231	11,884	459,347			
41 W incentive 2016		68,690	1,760	66,929		13,268,610	329,314	12,939,296		471,231	11,884	459,347			
42 W / O incentive 2017		66,929	1,892	65,037		12,939,296	354,013	12,585,283		459,347	12,775	446,572			
43 W incentive 2017		66,929	1,892	65,037		12,939,296	354,013	12,585,283		459,347	12,775	446,572			
44 W / O incentive 2018		65,037	1,892	63,144		12,585,283	354,013	12,231,271		446,572	12,775	433,796			
45 W incentive 2018		65,037	1,892	63,144		12,585,283	354,013	12,231,271		446,572	12,775	433,796			
46 W / O incentive 2019		63,144	1,892	61,252	8,460	12,231,271	354,013	11,877,258	1,626,849	433,796	12,775	421,021	57,906		
47 W incentive 2019		63,144	1,892	61,252	8,460	12,231,271	354,013	11,877,258	1,626,849	433,796	12,775	421,021	57,906		
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A Proj Rev Req w/o Incentive PCY*					9,916				1,906,724				67,870		
B Proj Rev Req w/ Incentive PCY*					9,916				1,906,724				67,870		
C Actual Rev Req w/o Incentive PCY*					9,938				1,910,087				68,003		
D Actual Rev Req w/ Incentive PCY*					9,938				1,910,087				68,003		
E TUA w/o Int w/o Incentive PCY (C-A)					21				3,363				133		
F TUA w/o Int w/ Incentive PCY (B-D)					21				3,363				133		
G Future Value Factor (1+Y)^24 mo (ATT6)					1.08460				1.08460				1.08460		
H True-Up Adjustment w/o Incentive (E*G)					23				3,648				144		
I True-Up Adjustment w/ Incentive (F*G)					23				3,648				144		
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O incentive					8,483				1,630,496				58,051		
W incentive					8,483				1,630,496				58,051		

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															
10		Project AP-2				Project AQ				Project AR					
11 Schedule 12 (Yes or No)	Yes	B1508.3				Yes	B1647				Yes	B1648			
12 Life	40	Upgrade a 115 kV shunt capacitor banks				40	Upgrade the name plate				40	Upgrade the name plate rating			
13 FCR W/O incentive Line 3	10.5592%	at Merck and Edinburg				10.5592%	rating at Morrisville 500 kV				10.5592%	at Morrisville 500 kV			
14 Incentive Factor (Basis Points /100)	0					0	breaker 'H1T573' with				0	breaker 'H2T545' with			
15 FCR W incentive L.13 + (L.14*L.5)	10.5592%	Edinburg				10.5592%	50kA breaker				10.5592%	50kA breaker			
16 Investment	755,038					16,278					16,278				
17 Annual Depreciation Exp	18,876					407					407				
18 In Service Month (1-12)	2					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		755,038	12,954	742,084											
33 W incentive 2012		755,038	12,954	742,084											
34 W / O incentive 2013		742,084	16,870	725,213		16,278	350	15,928		16,278	350	15,928			
35 W incentive 2013		742,084	16,870	725,213		16,278	350	15,928		16,278	350	15,928			
36 W / O incentive 2014		725,213	17,559	707,654		15,928	379	15,549		15,928	379	15,549			
37 W incentive 2014		725,213	17,559	707,654		15,928	379	15,549		15,928	379	15,549			
38 W / O incentive 2015		707,654	17,559	690,095		15,549	379	15,170		15,549	379	15,170			
39 W incentive 2015		707,654	17,559	690,095		15,549	379	15,170		15,549	379	15,170			
40 W / O incentive 2016		690,095	17,559	672,536		15,170	379	14,792		15,170	379	14,792			
41 W incentive 2016		690,095	17,559	672,536		15,170	379	14,792		15,170	379	14,792			
42 W / O incentive 2017		672,536	18,876	653,660		14,792	407	14,385		14,792	407	14,385			
43 W incentive 2017		672,536	18,876	653,660		14,792	407	14,385		14,792	407	14,385			
44 W / O incentive 2018		653,660	18,876	634,785		14,385	407	13,978		14,385	407	13,978			
45 W incentive 2018		653,660	18,876	634,785		14,385	407	13,978		14,385	407	13,978			
46 W / O incentive 2019		634,785	18,876	615,909	84,908	13,978	407	13,571	1,861	13,978	407	13,571	1,861		
47 W incentive 2019		634,785	18,876	615,909	84,908	13,978	407	13,571	1,861	13,978	407	13,571	1,861		
48															
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56															
57															
58															
59															
A Proj Rev Req w/o Incentive PCY*				99,520				2,182				2,182			
B Proj Rev Req w/ Incentive PCY*				99,520				2,182				2,182			
C Actual Rev Req w/o Incentive PCY*				99,726				2,186				2,186			
D Actual Rev Req w/ Incentive PCY*				99,726				2,186				2,186			
E TUA w/o Int w/o Incentive PCY (C-A)				206				4				4			
F TUA w/o Int w/ Incentive PCY (B-D)				206				4				4			
G Future Value Factor (1+Y/24 mo (AT76))				1.08460				1.08460				1.08460			
H True-Up Adjustment w/o Incentive (E*G)				224				4				4			
I True-Up Adjustment w/ Incentive (F*G)				224				4				4			
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O incentive				85,131				1,866				1,866			
W incentive				85,131				1,866				1,866			

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 AS				Project AT				Project AU-1			
10		Yes	B1649	Yes	B1650	Yes	B1188.6								
11 Schedule 12 (Yes or No)		40	Replace Morrisville 500 kV	40	Replace Morrisville 500 kV	40	Install one 500/230 kV								
12 Life		10.5592%	breaker 'H1T580' with	10.5592%	breaker 'H2T569' with	10.5592%	transformer and two 230 kV breakers								
13 FCR W/O incentive Line 3		0	50kA breaker	0	50kA breaker	0	at Bramblenton								
14 Incentive Factor (Basis Points /100)		10.5592%		10.5592%		10.5592%									
15 FCR W incentive L.13 +(L.14*L.5)		858,877		858,877		235,892									
16 Investment		21,472		21,472		5,897									
17 Annual Depreciation Exp		1		1		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									235,892	2,505	233,387			
33 W incentive	2012									235,892	2,505	233,387			
34 W / O incentive	2013	858,877	18,489	840,388		858,877	18,489	840,388		233,387	5,271	228,116			
35 W incentive	2013	858,877	18,489	840,388		858,877	18,489	840,388		233,387	5,271	228,116			
36 W / O incentive	2014	840,388	19,974	820,414		840,388	19,974	820,414		228,116	5,486	222,630			
37 W incentive	2014	840,388	19,974	820,414		840,388	19,974	820,414		228,116	5,486	222,630			
38 W / O incentive	2015	820,414	19,974	800,440		820,414	19,974	800,440		222,630	5,486	217,144			
39 W incentive	2015	820,414	19,974	800,440		820,414	19,974	800,440		222,630	5,486	217,144			
40 W / O incentive	2016	800,440	19,974	780,466		800,440	19,974	780,466		217,144	5,486	211,658			
41 W incentive	2016	800,440	19,974	780,466		800,440	19,974	780,466		217,144	5,486	211,658			
42 W / O incentive	2017	780,466	21,472	758,995		780,466	21,472	758,995		211,658	5,897	205,761			
43 W incentive	2017	780,466	21,472	758,995		780,466	21,472	758,995		211,658	5,897	205,761			
44 W / O incentive	2018	758,995	21,472	737,523		758,995	21,472	737,523		205,761	5,897	199,864			
45 W incentive	2018	758,995	21,472	737,523		758,995	21,472	737,523		205,761	5,897	199,864			
46 W / O incentive	2019	737,523	21,472	716,051	98,215	737,523	21,472	716,051	98,215	199,864	5,897	193,966	26,690		
47 W incentive	2019	737,523	21,472	716,051	98,215	737,523	21,472	716,051	98,215	199,864	5,897	193,966	26,690		
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57															
58															
59															
A Proj Rev Req w/o Incentive PCY*				115,113				115,113					31,283		
B Proj Rev Req w/ Incentive PCY*				115,113				115,113					31,283		
C Actual Rev Req w/o Incentive PCY*				115,323				115,323					31,345		
D Actual Rev Req w/ Incentive PCY*				115,323				115,323					31,345		
E TUA w/o Int w/o Incentive PCY (C-A)				211				211					62		
F TUA w/o Int w/ Incentive PCY (B-D)				211				211					62		
G Future Value Factor (1+Y)^24 mo (ATT6)				1.08460				1.08460					1.08460		
H True-Up Adjustment w/o Incentive (E*G)				229				229					67		
I True-Up Adjustment w/ Incentive (F*G)				229				229					67		
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O incentive				98,443				98,443					26,757		
W incentive				98,443				98,443					26,757		

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													
10		Project AU-2				Project AV-1				Project AV-2			
11 Schedule 12 (Yes or No)		Yes	B1188.6			Yes	B1188			Yes	B1188		
12 Life		40	Install one 500/230 kV transformer and two 230 kV breakers at Brambleton			40	Build new Brambleton 500 kV three ring bus connected to the Loudoun to Pleasant View 500 kV line			40	Build new Brambleton 500 kV three ring bus connected to the Loudoun to Pleasant View 500 kV line		
13 FCR W/O Incentive Line 3		10.5592%				10.5592%				10.5592%			
14 Incentive Factor (Basis Points /100)		0				0				0			
15 FCR W incentive L.13 +(L.14*L.5)		10.5592%				10.5592%				10.5592%			
16 Investment		16,717,801				-				1,604,454			
17 Annual Depreciation Exp		417,945				-				40,111			
18 In Service Month (1-12)		12								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		16,717,801	16,199	16,701,602		-	-	-					
35 W incentive 2013		16,717,801	16,199	16,701,602		-	-	-					
36 W / O incentive 2014		16,701,602	388,786	16,312,816		-	-	-		1,604,454	35,758	1,568,696	
37 W incentive 2014		16,701,602	388,786	16,312,816		-	-	-		1,604,454	35,758	1,568,696	
38 W / O incentive 2015		16,312,816	388,786	15,924,029		-	-	-		1,568,696	37,313	1,531,383	
39 W incentive 2015		16,312,816	388,786	15,924,029		-	-	-		1,568,696	37,313	1,531,383	
40 W / O incentive 2016		15,924,029	388,786	15,535,243		-	-	-		1,531,383	37,313	1,494,070	
41 W incentive 2016		15,924,029	388,786	15,535,243		-	-	-		1,531,383	37,313	1,494,070	
42 W / O incentive 2017		15,535,243	417,945	15,117,298		-	-	-		1,494,070	40,111	1,453,959	
43 W incentive 2017		15,535,243	417,945	15,117,298		-	-	-		1,494,070	40,111	1,453,959	
44 W / O incentive 2018		15,117,298	417,945	14,699,353		-	-	-		1,453,959	40,111	1,413,847	
45 W incentive 2018		15,117,298	417,945	14,699,353		-	-	-		1,453,959	40,111	1,413,847	
46 W / O incentive 2019		14,699,353	417,945	14,281,408	1,948,016	-	-	-	-	1,413,847	40,111	1,373,736	187,285
47 W incentive 2019		14,699,353	417,945	14,281,408	1,948,016	-	-	-	-	1,413,847	40,111	1,373,736	187,285
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58													
59													
A Proj Rev Req w/o Incentive PCY*					2,283,071	-							221,291
B Proj Rev Req w/ Incentive PCY*					2,283,071	-							221,291
C Actual Rev Req w/o Incentive PCY*					2,286,639	-							219,834
D Actual Rev Req w/ Incentive PCY*					2,286,639	-							219,834
E TUA w/o Int w/o Incentive PCY (C-A)					3,568	-							(1,457)
F TUA w/o Int w/ Incentive PCY (B-D)					3,568	-							(1,457)
G Future Value Factor (1+Y)^24 mo (A/T76)					1.08460		1.08460						1.08460
H True-Up Adjustment w/o Incentive (E*G)					3,870	-							(1,580)
I True-Up Adjustment w/ Incentive (F*G)					3,870	-							(1,580)
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					1,951,886	-							185,705
W incentive					1,951,886	-							185,705

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												
10	Project AW				Project AX-1				Project AX-2			
11 Schedule 12 (Yes or No)	Yes	B1698.1			Yes	B1321			Yes	B1321		
12 Life	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		
13 FCR W/O incentive Line 3	10.5592%				10.5592%				10.5592%			
14 Incentive Factor (Basis Points /100)	0				0				0			
15 FCR W incentive L.13 +(L.14*L.5)	10.5592%				10.5592%				10.5592%			
16 Investment	-				31,009,369				6,368,620			
17 Annual Depreciation Exp	-				775,234				159,216			
18 In Service Month (1-12)	-				3				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	-	-	-	-	31,009,369	570,909	30,438,460		6,368,620	80,225	6,288,395	
39 W incentive 2015	-	-	-	-	31,009,369	570,909	30,438,460		6,368,620	80,225	6,288,395	
40 W / O incentive 2016	-	-	-	-	30,438,460	721,148	29,717,312		6,288,395	148,107	6,140,288	
41 W incentive 2016	-	-	-	-	30,438,460	721,148	29,717,312		6,288,395	148,107	6,140,288	
42 W / O incentive 2017	-	-	-	-	29,717,312	775,234	28,942,078		6,140,288	159,216	5,981,072	
43 W incentive 2017	-	-	-	-	29,717,312	775,234	28,942,078		6,140,288	159,216	5,981,072	
44 W / O incentive 2018	-	-	-	-	28,942,078	775,234	28,166,844		5,981,072	159,216	5,821,857	
45 W incentive 2018	-	-	-	-	28,942,078	775,234	28,166,844		5,981,072	159,216	5,821,857	
46 W / O incentive 2019	-	-	-	-	28,166,844	775,234	27,391,609	3,708,503	5,821,857	159,216	5,662,641	765,552
47 W incentive 2019	-	-	-	-	28,166,844	775,234	27,391,609	3,708,503	5,821,857	159,216	5,662,641	765,552
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59												
A Proj Rev Req w/o Incentive PCY*				-				4,466,116				897,350
B Proj Rev Req w/ Incentive PCY*				-				4,466,116				897,350
C Actual Rev Req w/o Incentive PCY*				-				4,351,332				898,179
D Actual Rev Req w/ Incentive PCY*				-				4,351,332				898,179
E TUA w/o Int w/o Incentive PCY (C-A)								(114,784)				829
F TUA w/o Int w/ Incentive PCY (B-D)								(114,784)				829
G Future Value Factor (1+Y)^24 mo (ATT6)				1.08460				1.08460				1.08460
H True-Up Adjustment w/o Incentive (E*G)								(124,495)				899
I True-Up Adjustment w/ Incentive (F*G)								(124,495)				899
TUA = True-Up Adjustment PCY = Previous Calendar Year												
W / O incentive				-				3,584,008				766,452
W incentive				-				3,584,008				766,452

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		
12 Life		40	Install two 500 kV breakers at			40	Install two 500 kV breakers at			40	Wreck and rebuild 7 miles of the		
13 FCR W/O incentive	Line 3	10.5592%	Chancellor 500 kV			10.5592%	Chancellor 500 kV			10.5592%	Dominion owned section of Cloverdale -		
14 Incentive Factor (Basis Points /100)		0				0				0	Lexington 500 kV		
15 FCR W incentive L13 +(L14*L5)		10.5592%				10.5592%				10.5592%			
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	469,130	105,164	2,913	102,251	13,864	16,159,577	461,498	15,698,079	2,143,457
47 W incentive	2019	3,528,727	101,904	3,426,822	469,130	105,164	2,913	102,251	13,864	16,159,577	461,498	15,698,079	2,143,457
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57													
58													
59													
A Proj Rev Req w/o Incentive PCY*				549,835				16,248					2,512,148
B Proj Rev Req w/ Incentive PCY*				549,835				16,248					2,512,148
C Actual Rev Req w/o Incentive PCY*				550,790				16,268					2,516,199
D Actual Rev Req w/ Incentive PCY*				550,790				16,268					2,516,199
E TUA w/o Int w/o Incentive PCY (C-A)				956				21					4,051
F TUA w/o Int w/ Incentive PCY (B-D)				956				21					4,051
G Future Value Factor (1+Y/24 mo (AT76))				1.08460				1.08460					1.08460
H True-Up Adjustment w/o Incentive (E*G)				1,037				22					4,394
I True-Up Adjustment w/ Incentive (F*G)				1,037				22					4,394
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive				470,167				13,886					2,147,851
W incentive				470,167				13,886					2,147,851

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					
10	Yes	B1799		Yes	B1798		Yes	B1798					
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	10.5592%			10.5592%			10.5592%						
13 FCR W/O Incentive Line 3	0			0			0						
14 Incentive Factor (Basis Points /100)	10.5592%			10.5592%			10.5592%						
15 FCR W incentive L.13 +(L.14*L.5)	26,047,897			3,131,641			35,293,503						
16 Investment	651,197			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													
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	26,047,897	75,721	25,972,176		3,128,606	72,829	3,055,778		35,293,503	512,987	34,780,516		
37 W incentive	26,047,897	75,721	25,972,176		3,128,606	72,829	3,055,778		35,293,503	512,987	34,780,516		
38 W / O incentive	25,972,176	605,765	25,366,411		3,055,778	72,829	2,982,949		34,780,516	820,779	33,959,737		
39 W incentive	25,972,176	605,765	25,366,411		3,055,778	72,829	2,982,949		34,780,516	820,779	33,959,737		
40 W / O incentive	25,366,411	605,765	24,760,646		2,982,949	72,829	2,910,120		33,959,737	820,779	33,138,958		
41 W incentive	25,366,411	605,765	24,760,646		2,982,949	72,829	2,910,120		33,959,737	820,779	33,138,958		
42 W / O incentive	24,760,646	651,197	24,109,449		2,910,120	78,291	2,831,829		33,138,958	882,338	32,256,620		
43 W incentive	24,760,646	651,197	24,109,449		2,910,120	78,291	2,831,829		33,138,958	882,338	32,256,620		
44 W / O incentive	24,109,449	651,197	23,458,251		2,831,829	78,291	2,753,538		32,256,620	882,338	31,374,283		
45 W incentive	24,109,449	651,197	23,458,251		2,831,829	78,291	2,753,538		32,256,620	882,338	31,374,283		
46 W / O incentive	23,458,251	651,197	22,807,054	3,093,825	2,753,538	78,291	2,675,247	364,910	31,374,283	882,338	30,491,945	4,148,632	
47 W incentive	23,458,251	651,197	22,807,054	3,093,825	2,753,538	78,291	2,675,247	364,910	31,374,283	882,338	30,491,945	4,148,632	
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A Proj Rev Req w/o Incentive PCY*				3,617,070				427,673				5,396,751	
B Proj Rev Req w/ Incentive PCY*				3,617,070				427,673				5,396,751	
C Actual Rev Req w/o Incentive PCY*				3,630,502				428,342				4,869,098	
D Actual Rev Req w/ Incentive PCY*				3,630,502				428,342				4,869,098	
E TUA w/o Int w/o Incentive PCY (C-A)				13,433				668				(527,653)	
F TUA w/o Int w/ Incentive PCY (B-D)				13,433				668				(527,653)	
G Future Value Factor (1+Y/24 mo (AT76))				1,08460				1,08460				1,08460	
H True-Up Adjustment w/o Incentive (E*G)				14,569				725				(572,292)	
I True-Up Adjustment w/ Incentive (F*G)				14,569				725				(572,292)	
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive				3,108,394				365,635				3,576,341	
W incentive				3,108,394				365,635				3,576,341	

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			
10				Yes	B1798			Yes	B1798			Yes	B1798		
12 Life	(Yes or No)			40	Build a 450 MVAR SVC and 300 MVAR			40	Build a 450 MVAR SVC and 300 MVAR			40	Build a 450 MVAR SVC and 300 MVAR		
13 FCR W/O Incentive	Line 3			10.5592%	switched shunt at Loudoun 500 kV			10.5592%	switched shunt at Loudoun 500 kV			10.5592%	switched shunt at Loudoun 500 kV		
14 Incentive Factor (Basis Points /100)				0				0				0			
15 FCR W incentive L13 +(L14*L5)				10.5592%				10.5592%				10.5592%			
16 Investment				18,023,576				38,035,625				12,314,952			
17 Annual Depreciation Exp				450,589				950,891				307,874			
18 In Service Month (1-12)				6				8				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		12,314,952	11,933	12,303,019	
37 W incentive	2014			18,023,576	227,041	17,796,535		38,035,625	331,706	37,703,919		12,314,952	11,933	12,303,019	
38 W / O incentive	2015			17,796,535	419,153	17,377,382		37,703,919	884,549	36,819,370		12,303,019	286,394	12,016,625	
39 W incentive	2015			17,796,535	419,153	17,377,382		37,703,919	884,549	36,819,370		12,303,019	286,394	12,016,625	
40 W / O incentive	2016			17,377,382	419,153	16,958,229		36,819,370	884,549	35,934,820		12,016,625	286,394	11,730,230	
41 W incentive	2016			17,377,382	419,153	16,958,229		36,819,370	884,549	35,934,820		12,016,625	286,394	11,730,230	
42 W / O incentive	2017			16,958,229	450,589	16,507,640		35,934,820	950,891	34,983,930		11,730,230	307,874	11,422,357	
43 W incentive	2017			16,958,229	450,589	16,507,640		35,934,820	950,891	34,983,930		11,730,230	307,874	11,422,357	
44 W / O incentive	2018			16,507,640	450,589	16,057,050		34,983,930	950,891	34,033,039		11,422,357	307,874	11,114,483	
45 W incentive	2018			16,507,640	450,589	16,057,050		34,983,930	950,891	34,033,039		11,422,357	307,874	11,114,483	
46 W / O incentive	2019			16,057,050	450,589	15,606,461	2,122,299	34,033,039	950,891	33,082,148	4,494,310	11,114,483	307,874	10,806,609	1,465,222
47 W incentive	2019			16,057,050	450,589	15,606,461	2,122,299	34,033,039	950,891	33,082,148	4,494,310	11,114,483	307,874	10,806,609	1,465,222
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A Proj Rev Req w/o Incentive PCY*						2,545,209				5,197,343				1,164,601	
B Proj Rev Req w/ Incentive PCY*						2,545,209				5,197,343				1,164,601	
C Actual Rev Req w/o Incentive PCY*						2,490,795				5,274,365				1,719,343	
D Actual Rev Req w/ Incentive PCY*						2,490,795				5,274,365				1,719,343	
E TUA w/o Int w/o Incentive PCY (C-A)						(54,415)				77,021				554,742	
F TUA w/o Int w/ Incentive PCY (B-D)						(54,415)				77,021				554,742	
G Future Value Factor (1+Y/24 mo (AT76))						1.08460				1.08460				1.08460	
H True-Up Adjustment w/o Incentive (E*G)						(59,018)				83,537				601,672	
I True-Up Adjustment w/ Incentive (F*G)						(59,018)				83,537				601,672	
TUA = True-Up Adjustment															
PCY = Previous Calendar Year															
W / O incentive						2,063,281				4,577,847				2,066,894	
W incentive						2,063,281				4,577,847				2,066,894	



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												
10	Project BB-6				Project BC				Project BD-1			
11 Schedule 12 (Yes or No)	Yes	B1798			Yes	B1805			Yes	B1508.1		
12 Life	40	Build a 450 MVAR SVC and 300 MVAR			40	Install a 250 MVAR SVC at the existing Mt.			40	Build a 2nd 230kV line Harrisonburg to		
13 FCR W/O incentive Line 3	10.5592%	switched shunt at Loudoun 500 kV			10.5592%	Storm 500 kV substation			10.5592%	Endless Caverns		
14 Incentive Factor (Basis Points /100)	0				0				0			
15 FCR W incentive L.13 +(L.14*L.5)	10.5592%				10.5592%				10.5592%			
16 Investment	4,574,038				37,153,276				4,829,987			
17 Annual Depreciation Exp	114,351				928,832				120,750			
18 In Service Month (1-12)	1				6				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									4,829,987	23,401	4,806,586	
34 W / O incentive 2013									4,829,987	23,401	4,806,586	
35 W incentive 2013									4,806,586	112,325	4,694,261	
36 W / O incentive 2014					37,153,276	468,016	36,685,260		4,806,586	112,325	4,694,261	
37 W incentive 2014					37,153,276	468,016	36,685,260		4,806,586	112,325	4,694,261	
38 W / O incentive 2015	4,574,038	101,941	4,472,097		36,685,260	864,030	35,821,230		4,694,261	112,325	4,581,935	
39 W incentive 2015	4,574,038	101,941	4,472,097		36,685,260	864,030	35,821,230		4,694,261	112,325	4,581,935	
40 W / O incentive 2016	4,472,097	106,373	4,365,724		35,821,230	864,030	34,957,201		4,581,935	112,325	4,469,610	
41 W incentive 2016	4,472,097	106,373	4,365,724		35,821,230	864,030	34,957,201		4,581,935	112,325	4,469,610	
42 W / O incentive 2017	4,365,724	114,351	4,251,373		34,957,201	928,832	34,028,369		4,469,610	120,750	4,348,860	
43 W incentive 2017	4,365,724	114,351	4,251,373		34,957,201	928,832	34,028,369		4,469,610	120,750	4,348,860	
44 W / O incentive 2018	4,251,373	114,351	4,137,022		34,028,369	928,832	33,099,537		4,348,860	120,750	4,228,111	
45 W incentive 2018	4,251,373	114,351	4,137,022		34,028,369	928,832	33,099,537		4,348,860	120,750	4,228,111	
46 W / O incentive 2019	4,137,022	114,351	4,022,671	545,151	33,099,537	928,832	32,170,705	4,374,845	4,228,111	120,750	4,107,361	560,830
47 W incentive 2019	4,137,022	114,351	4,022,671	545,151	33,099,537	928,832	32,170,705	4,374,845	4,228,111	120,750	4,107,361	560,830
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A Proj Rev Req w/o Incentive PCY*			640,280				5,127,193				657,297	
B Proj Rev Req w/ Incentive PCY*			640,280				5,127,193				657,297	
C Actual Rev Req w/o Incentive PCY*			638,682				5,134,452				658,357	
D Actual Rev Req w/ Incentive PCY*			638,682				5,134,452				658,357	
E TUA w/o Int w/o Incentive PCY (C-A)			(598)				7,259				1,060	
F TUA w/o Int w/ Incentive PCY (B-D)			(598)				7,259				1,060	
G Future Value Factor (1+Y/24 mo (AT76))			1.08460				1.08460				1.08460	
H True-Up Adjustment w/o Incentive (E*G)			(648)				7,873				1,150	
I True-Up Adjustment w/ Incentive (F*G)			(648)				7,873				1,150	
TUA = True-Up Adjustment												
PCY = Previous Calendar Year												
W / O incentive			544,502				4,382,719				561,980	
W incentive			544,502				4,382,719				561,980	

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													
10		Project BD-2				Project BD-3				Project BD-4			
11 Schedule 12 (Yes or No)		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	
13 FCR W/O Incentive Line 3		10.5592%	Endless Caverns		10.5592%	Endless Caverns		10.5592%	Endless Caverns		10.5592%	Endless Caverns	
14 Incentive Factor (Basis Points /100)		0			0			0			0		
15 FCR W incentive L.13 +(L.14*L.5)		10.5592%			10.5592%			10.5592%			10.5592%		
16 Investment		51,208,945			2,000,000			6,221,317			6,221,317		
17 Annual Depreciation Exp		1,280,224			50,000			155,533			155,533		
18 In Service Month (1-12)		9			12			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													
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26 W / O incentive 2009													
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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		6,221,317	78,369	6,142,948	
39 W incentive 2015		50,861,598	1,190,906	49,670,692		1,998,062	46,512	1,951,550		6,221,317	78,369	6,142,948	
40 W / O incentive 2016		49,670,692	1,190,906	48,479,786		1,951,550	46,512	1,905,039		6,142,948	144,682	5,998,266	
41 W incentive 2016		49,670,692	1,190,906	48,479,786		1,951,550	46,512	1,905,039		6,142,948	144,682	5,998,266	
42 W / O incentive 2017		48,479,786	1,280,224	47,199,562		1,905,039	50,000	1,855,039		5,998,266	155,533	5,842,733	
43 W incentive 2017		48,479,786	1,280,224	47,199,562		1,905,039	50,000	1,855,039		5,998,266	155,533	5,842,733	
44 W / O incentive 2018		47,199,562	1,280,224	45,919,339		1,855,039	50,000	1,805,039		5,842,733	155,533	5,687,200	
45 W incentive 2018		47,199,562	1,280,224	45,919,339		1,855,039	50,000	1,805,039		5,842,733	155,533	5,687,200	
46 W / O incentive 2019		45,919,339	1,280,224	44,639,115	6,061,396	1,805,039	50,000	1,755,039	237,958	5,687,200	155,533	5,531,667	747,845
47 W incentive 2019		45,919,339	1,280,224	44,639,115	6,061,396	1,805,039	50,000	1,755,039	237,958	5,687,200	155,533	5,531,667	747,845
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A Proj Rev Req w/o Incentive PCY*				7,059,727				278,874					794,599
B Proj Rev Req w/ Incentive PCY*				7,059,727				278,874					794,599
C Actual Rev Req w/o Incentive PCY*				7,113,197				279,228					877,405
D Actual Rev Req w/ Incentive PCY*				7,113,197				279,228					877,405
E TUA w/o Int w/o Incentive PCY (C-A)				53,470				355					82,806
F TUA w/o Int w/ Incentive PCY (B-D)				53,470				355					82,806
G Future Value Factor (1+Y/24 mo (AT76))				1,08460				1,08460					1,08460
H True-Up Adjustment w/o Incentive (E*G)				57,993				385					89,811
I True-Up Adjustment w/ Incentive (F*G)				57,993				385					89,811
TUA = True-Up Adjustment													
PCY = Previous Calendar Year													
W / O incentive				6,119,349				236,343					837,657
W incentive				6,119,349				236,343					837,657

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															
10		Project BD-5				Project BE				Project BF-1					
11 Schedule 12 (Yes or No)	Yes	B1508.1				Yes	B1508.2				Yes	B2053			
12 Life	40	Build a 2nd 230kV line Harrisonburg to				40	Install a 3rd 230 - 115 kV Tx at				40	Rebuild 28 mile line			
13 FCR W/O incentive Line 3	10.5592%	Endless Caverns				10.5592%	Endless Caverns				10.5592%	(Altavista - Skimmer, 115kV)			
14 Incentive Factor (Basis Points /100)	0					0					0				
15 FCR W incentive L.13 +(L.14*L.5)	10.5592%					10.5592%					10.5592%				
16 Investment	1,165,302					11,994,009					6,782,738				
17 Annual Depreciation Exp	29,133					299,850					169,568				
18 In Service Month (1-12)	7					9					11				
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															
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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						11,994,009	81,355	11,912,654		6,782,738	19,717	6,763,021			
37 W incentive 2014						11,994,009	81,355	11,912,654		6,782,738	19,717	6,763,021			
38 W / O incentive 2015						11,912,654	278,930	11,633,724		6,763,021	157,738	6,605,283			
39 W incentive 2015						11,912,654	278,930	11,633,724		6,763,021	157,738	6,605,283			
40 W / O incentive 2016	1,165,302	12,421	1,152,881			11,633,724	278,930	11,354,793		6,605,283	157,738	6,447,545			
41 W incentive 2016	1,165,302	12,421	1,152,881			11,633,724	278,930	11,354,793		6,605,283	157,738	6,447,545			
42 W / O incentive 2017	1,152,881	29,133	1,123,749			11,354,793	299,850	11,054,943		6,447,545	169,568	6,277,976			
43 W incentive 2017	1,152,881	29,133	1,123,749			11,354,793	299,850	11,054,943		6,447,545	169,568	6,277,976			
44 W / O incentive 2018	1,123,749	29,133	1,094,616			11,054,943	299,850	10,755,093		6,277,976	169,568	6,108,408			
45 W incentive 2018	1,123,749	29,133	1,094,616			11,054,943	299,850	10,755,093		6,277,976	169,568	6,108,408			
46 W / O incentive 2019	1,094,616	29,133	1,065,483	143,177		10,755,093	299,850	10,455,243	1,419,673	6,108,408	169,568	5,938,839	805,616		
47 W incentive 2019	1,094,616	29,133	1,065,483	143,177		10,755,093	299,850	10,455,243	1,419,673	6,108,408	169,568	5,938,839	805,616		
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A Proj Rev Req w/o Incentive PCY*					-				1,663,797				944,141		
B Proj Rev Req w/ Incentive PCY*					-				1,663,797				944,141		
C Actual Rev Req w/o Incentive PCY*					167,924				1,666,032				945,364		
D Actual Rev Req w/ Incentive PCY*					167,924				1,666,032				945,364		
E TUA w/o Int w/o Incentive PCY (C-A)					167,924				2,235				1,223		
F TUA w/o Int w/ Incentive PCY (B-D)					167,924				2,235				1,223		
G Future Value Factor (1+Y/24 mo (AT76))					1,08460				1,08460				1,08460		
H True-Up Adjustment w/o Incentive (E*G)					182,131				2,424				1,327		
I True-Up Adjustment w/ Incentive (F*G)					182,131				2,424				1,327		
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O incentive					325,308				1,422,097				806,943		
W incentive					325,308				1,422,097				806,943		

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													
10		Project BF-2				Project BF-3				Project BF-4			
11 Schedule 12 (Yes or No)	Yes	B2053				Yes	B2053			Yes	B2053		
12 Life	40	Rebuild 28 mile line				40	Rebuild 28 mile line			40	Rebuild 28 mile line		
13 FCR W/O incentive Line 3	10.5592%	(Altavista - Skinner, 115kV)				10.5592%	(Altavista - Skinner, 115kV)			10.5592%	(Altavista - Skinner, 115kV)		
14 Incentive Factor (Basis Points /100)	0					0				0			
15 FCR W incentive L13 +(L14*L5)	10.5592%					10.5592%				10.5592%			
16 Investment	23,185,930					12,489,226				1,006,355			
17 Annual Depreciation Exp	579,648					312,231				25,159			
18 In Service Month (1-12)	3					6				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	2,772,876	11,416,992	312,231	11,104,761	1,501,291	931,658	25,159	906,500	122,206	
47 W incentive 2019	21,060,553	579,648	20,480,905	2,772,876	11,416,992	312,231	11,104,761	1,501,291	931,658	25,159	906,500	122,206	
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A Proj Rev Req w/o Incentive PCY*			3,240,526					1,699,019				134,357	
B Proj Rev Req w/ Incentive PCY*			3,240,526					1,699,019				134,357	
C Actual Rev Req w/o Incentive PCY*			3,253,522					1,761,381				143,355	
D Actual Rev Req w/ Incentive PCY*			3,253,522					1,761,381				143,355	
E TUA w/o Int w/o Incentive PCY (C-A)			12,996					62,361				8,998	
F TUA w/o Int w/ Incentive PCY (B-D)			12,996					62,361				8,998	
G Future Value Factor (1+Y/24 mo (AT76))			1,08460					1,08460				1,08460	
H True-Up Adjustment w/o Incentive (E*G)			14,096					67,637				9,759	
I True-Up Adjustment w/ Incentive (F*G)			14,096					67,637				9,759	
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive				2,786,971				1,568,928				131,966	
W incentive				2,786,971				1,568,928				131,966	

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															
10		Project BG-1				Project BG-2				Project BH-1					
11 Schedule 12 (Yes or No)	Yes	B1906.1				Yes	B1906.1				Yes	B1908			
12 Life	40	At Yaskin 500 kV, install six 500 kV breakers				40	At Yaskin 500 kV, install six 500 kV breakers				40	Rebuild Lexington-Dooms 500 kV			
13 FCR W/O incentive Line 3	10.5592%					10.5592%					10.5592%				
14 Incentive Factor (Basis Points /100)	0					0					0				
15 FCR W incentive L.13 +(L.14*L.5)	10.5592%					10.5592%					10.5592%				
16 Investment	4,398,307					5,644,742					74,606,362				
17 Annual Depreciation Exp	109,958					141,119					1,865,159				
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															
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26 W / O incentive 2009															
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30 W / O incentive 2011															
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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		74,606,362	1,084,395	73,521,967			
39 W incentive 2015		4,398,307	63,929	4,334,378		5,644,742	16,409	5,628,333		74,606,362	1,084,395	73,521,967			
40 W / O incentive 2016		4,334,378	102,286	4,232,092		5,628,333	131,273	5,497,060		73,521,967	1,735,032	71,786,936			
41 W incentive 2016		4,334,378	102,286	4,232,092		5,628,333	131,273	5,497,060		73,521,967	1,735,032	71,786,936			
42 W / O incentive 2017		4,232,092	109,958	4,122,134		5,497,060	141,119	5,355,941		71,786,936	1,865,159	69,921,776			
43 W incentive 2017		4,232,092	109,958	4,122,134		5,497,060	141,119	5,355,941		71,786,936	1,865,159	69,921,776			
44 W / O incentive 2018		4,122,134	109,958	4,012,177		5,355,941	141,119	5,214,823		69,921,776	1,865,159	68,056,617			
45 W incentive 2018		4,122,134	109,958	4,012,177		5,355,941	141,119	5,214,823		69,921,776	1,865,159	68,056,617			
46 W / O incentive 2019		4,012,177	109,958	3,902,219	527,807	5,214,823	141,119	5,073,704	684,313	68,056,617	1,865,159	66,191,458	8,952,932		
47 W incentive 2019		4,012,177	109,958	3,902,219	527,807	5,214,823	141,119	5,073,704	684,313	68,056,617	1,865,159	66,191,458	8,952,932		
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A Proj Rev Req w/o Incentive PCY*					618,549				801,944					10,132,506	
B Proj Rev Req w/ Incentive PCY*					618,549				801,944					10,132,506	
C Actual Rev Req w/o Incentive PCY*					619,263				802,758					10,504,256	
D Actual Rev Req w/ Incentive PCY*					619,263				802,758					10,504,256	
E TUA w/o Int w/o Incentive PCY (C-A)					714				814					371,750	
F TUA w/o Int w/ Incentive PCY (B-D)					714				814					371,750	
G Future Value Factor (1+Y/24 mo (AT76))					1.08460				1.08460					1.08460	
H True-Up Adjustment w/o Incentive (E*G)					774				883					403,200	
I True-Up Adjustment w/ Incentive (F*G)					774				883					403,200	
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O incentive					528,581				685,196					9,356,132	
W incentive					528,581				685,196					9,356,132	

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					
10		Yes	B1908			Yes	B1908			Yes	B1698				
11	Schedule 12 (Yes or No)	40	Rebuild Lexington-Dooms 500 kV			40	Rebuild Lexington-Dooms 500 kV			40	Install a 2nd 500/230 kV transformer at Brambleton				
12	Life	10.5592%				10.5592%				10.5592%					
13	FCR W/O incentive Line 3	0				0				0					
14	Incentive Factor (Basis Points /100)	0				0				0					
15	FCR W incentive L.13 +(L.14*L.5)	10.5592%				10.5592%				10.5592%					
16	Investment	30,160,827				20,570,454				21,908,705					
17	Annual Depreciation Exp	754,021				514,261				547,718					
18	In Service Month (1-12)	12				12				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	30,160,827	29,226	30,131,601										
39	W incentive	2015	30,160,827	29,226	30,131,601										
40	W / O incentive	2016	30,131,601	701,415	29,430,187	20,570,454	19,933	20,550,521		21,908,705	275,982	21,632,723			
41	W incentive	2016	30,131,601	701,415	29,430,187	20,570,454	19,933	20,550,521		21,908,705	275,982	21,632,723			
42	W / O incentive	2017	29,430,187	754,021	28,676,166	20,550,521	514,261	20,036,260		21,908,705	547,718	21,360,987			
43	W incentive	2017	29,430,187	754,021	28,676,166	20,550,521	514,261	20,036,260		21,908,705	547,718	21,360,987			
44	W / O incentive	2018	28,676,166	754,021	27,922,145	20,036,260	514,261	19,521,999		21,908,705	547,718	21,360,987			
45	W incentive	2018	28,676,166	754,021	27,922,145	20,036,260	514,261	19,521,999		21,908,705	547,718	21,360,987			
46	W / O incentive	2019	27,922,145	754,021	27,168,125	3,662,571	19,521,999	514,261	19,007,737	2,548,481	21,360,987	547,718	20,813,270	2,774,353	
47	W incentive	2019	27,922,145	754,021	27,168,125	3,662,571	19,521,999	514,261	19,007,737	2,548,481	21,360,987	547,718	20,813,270	2,774,353	
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A Proj Rev Req w/o Incentive PCY*					4,272,910				1,893,596					3,235,643	
B Proj Rev Req w/ Incentive PCY*					4,272,910				1,893,596					3,235,643	
C Actual Rev Req w/o Incentive PCY*					4,296,403				2,988,584					3,185,601	
D Actual Rev Req w/ Incentive PCY*					4,296,403				2,988,584					3,185,601	
E TUA w/o Int w/o Incentive PCY (C-A)					23,493				1,094,988					(50,042)	
F TUA w/o Int w/ Incentive PCY (B-D)					23,493				1,094,988					(50,042)	
G Future Value Factor (1+Y/24 mo (AT7G))					1,08460				1,08460					1,08460	
H True-Up Adjustment w/o Incentive (E*G)					25,480				1,187,622					(54,276)	
I True-Up Adjustment w/ Incentive (F*G)					25,480				1,187,622					(54,276)	
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O incentive					3,688,051				3,736,103					2,720,078	
W incentive					3,688,051				3,736,103					2,720,078	

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															
10		Project BJ				Project BK				Project BL					
11 Schedule 12 (Yes or No)	Yes	B1905.1				Yes	B1905.2				Yes	B1905.3			
12 Life	40	Surry to Skiffes Creek 500 KV Line (7 miles overhead)				40	Surry 500 KV Station Work				40	Skiffes Creek 500-230 KV Tx and Switching Station			
13 FCR W/O incentive Line 3	10.5592%					10.5592%					10.5592%				
14 Incentive Factor (Basis Points /100)	0					0					0				
15 FCR W incentive L.13 +(L.14*L.5)	10.5592%					10.5592%					10.5592%				
16 Investment	195,000,000					1,834,471					114,055,318				
17 Annual Depreciation Exp	4,875,000					45,862					2,851,383				
18 In Service Month (1-12)	3					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						1,834,471	26,664	1,807,807							
37 W incentive 2014						1,834,471	26,664	1,807,807							
38 W / O incentive 2015						1,807,807	42,662	1,765,145							
39 W incentive 2015						1,807,807	42,662	1,765,145							
40 W / O incentive 2016						1,765,145	42,662	1,722,483							
41 W incentive 2016						1,765,145	42,662	1,722,483							
42 W / O incentive 2017						1,722,483	45,862	1,676,621							
43 W incentive 2017						1,722,483	45,862	1,676,621							
44 W / O incentive 2018						1,676,621	45,862	1,630,759		114,055,318	118,808	113,936,510			
45 W incentive 2018						1,676,621	45,862	1,630,759		114,055,318	118,808	113,936,510			
46 W / O incentive 2019		195,000,000	3,859,375	191,140,625	19,998,857	1,630,759	45,862	1,584,898	215,636	113,936,510	2,851,383	111,085,127	14,731,645		
47 W incentive 2019		195,000,000	3,859,375	191,140,625	19,998,857	1,630,759	45,862	1,584,898	215,636	113,936,510	2,851,383	111,085,127	14,731,645		
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A Proj Rev Req w/o Incentive PCY*					2,656,330				252,720					-	
B Proj Rev Req w/ Incentive PCY*					2,656,330				252,720					-	
C Actual Rev Req w/o Incentive PCY*					-				253,084					-	
D Actual Rev Req w/ Incentive PCY*					-				253,084					-	
E TUA w/o Int w/o Incentive PCY (C-A)					(2,656,330)				364					-	
F TUA w/o Int w/ Incentive PCY (B-D)					(2,656,330)				364					-	
G Future Value Factor (1+Y/24 mo (ATT6))					1.08460				1.08460					1.08460	
H True-Up Adjustment w/o Incentive (E*G)					(2,881,052)				395					-	
I True-Up Adjustment w/ Incentive (F*G)					(2,881,052)				395					-	
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O incentive					17,117,806				216,031					14,731,645	
W incentive					17,117,806				216,031					14,731,645	

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															
10		Project BM-1				Project BM-2				Project BM-3					
11 Schedule 12 (Yes or No)	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			
12 Life	40					40					40				
13 FCR W/O Incentive Line 3	10.5592%					10.5592%					10.5592%				
14 Incentive Factor (Basis Points /100)	0					0					0				
15 FCR W incentive L.13 +(L.14*L.5)	10.5592%					10.5592%					10.5592%				
16 Investment	7,585,377					14,074,806					39,654,276				
17 Annual Depreciation Exp	189,634					351,870					991,357				
18 In Service Month (1-12)	9					3					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															
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32 W / O incentive 2012															
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34 W / O incentive 2013															
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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		7,585,377	189,634	7,395,743		14,074,806	278,564	13,796,242		39,654,276	41,307	39,612,969			
45 W incentive 2018		7,585,377	189,634	7,395,743		14,074,806	278,564	13,796,242		39,654,276	41,307	39,612,969			
46 W / O incentive 2019		7,585,377	189,634	7,395,743	980,579	13,796,242	351,870	13,444,372	1,790,068	39,612,969	991,357	38,621,613	5,121,837		
47 W incentive 2019		7,585,377	189,634	7,395,743	980,579	13,796,242	351,870	13,444,372	1,790,068	39,612,969	991,357	38,621,613	5,121,837		
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59															
A Proj Rev Req w/o Incentive PCY*					-				-					-	
B Proj Rev Req w/ Incentive PCY*					-				-					-	
C Actual Rev Req w/o Incentive PCY*					324,079				-					-	
D Actual Rev Req w/ Incentive PCY*					324,079				-					-	
E TUA w/o Int w/o Incentive PCY (C-A)					324,079				-					-	
F TUA w/o Int w/ Incentive PCY (B-D)					324,079				-					-	
G Future Value Factor (1+Y/24 mo (AT76))					1.08460				1.08460					1.08460	
H True-Up Adjustment w/o Incentive (E*G)					351,496				-					-	
I True-Up Adjustment w/ Incentive (F*G)					351,496				-					-	
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O incentive					1,332,075				1,790,068					5,121,837	
W incentive					1,332,075				1,790,068					5,121,837	



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																
10																
11 Schedule 12 (Yes or No)	Yes	B1905.5		Project 6N		Yes	B1905.6		Project 6O		Yes	B1905.7		Project 6P		
12 Life	40	Wheaton 230 kV breakers				40	Yorktown 230 kV work				40	Lanexa 115 kV work				
13 FCR W/O Incentive Line 3	10.5592%					10.5592%					10.5592%					
14 Incentive Factor (Basis Points /100)	0					0					0					
15 FCR W incentive L.13 +(L.14*L.5)	10.5592%					10.5592%					10.5592%					
16 Investment	5,169,196					3,000,000					1,000,000					
17 Annual Depreciation Exp	129,230					75,000					25,000					
18 In Service Month (1-12)	6					10					7					
19	Beginning	Depreciation	Ending	Rev Req	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	5,169,196	65,116	5,104,080												
41 W incentive	2016	5,169,196	65,116	5,104,080												
42 W / O incentive	2017	5,104,080	129,230	4,974,850												
43 W incentive	2017	5,104,080	129,230	4,974,850												
44 W / O incentive	2018	4,974,850	129,230	4,845,620		3,000,000	15,625	2,984,375								
45 W incentive	2018	4,974,850	129,230	4,845,620		3,000,000	15,625	2,984,375								
46 W / O incentive	2019	4,845,620	129,230	4,716,390	634,067	2,984,375	75,000	2,909,375	386,167	1,000,000	11,458	988,542	59,577			
47 W incentive	2019	4,845,620	129,230	4,716,390	634,067	2,984,375	75,000	2,909,375	386,167	1,000,000	11,458	988,542	59,577			
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A Proj Rev Req w/o Incentive PCY*				653,849					-							-
B Proj Rev Req w/ Incentive PCY*				653,849					-							-
C Actual Rev Req w/o Incentive PCY*				751,619					-							-
D Actual Rev Req w/ Incentive PCY*				751,619					-							-
E TUA w/o Int w/o Incentive PCY (C-A)				97,770					-							-
F TUA w/o Int w/ Incentive PCY (B-D)				97,770					-							-
G Future Value Factor (1+Y/24 mo (AT76))				1.08460				1.08460								1.08460
H True-Up Adjustment w/o Incentive (E*G)				106,041					-							-
I True-Up Adjustment w/ Incentive (F*G)				106,041					-							-
TUA = True-Up Adjustment PCY = Previous Calendar Year																
W / O Incentive				740,108				386,167								59,577
W Incentive				740,108				386,167								59,577



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		Yes	B1909			Yes	B1909			Yes	B1328		
12 Life	(Yes or No)	40	Uprate Breno - Midlothian 230 kV to			40	Uprate Breno - Midlothian 230 kV to			40	Uprate the 3.63 mile line section between		
13 FCR W/O Incentive	Line 3	10.5592%	its maximum operating temperature			10.5592%	its maximum operating temperature			10.5592%	Possum and Dumfries substations,		
14 Incentive Factor (Basis Points /100)		0				0				0	Replace 1600 amp wave trap at Possum Point		
15 FCR W incentive L13 +(L14*L5)		10.5592%				10.5592%				10.5592%			
16 Investment		1,217,598				1,365,513				3,881,027			
17 Annual Depreciation Exp		30,440				34,138				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		1,365,513	21,336	1,344,177		3,787,010	97,026	3,689,984	
43 W incentive	2017	1,202,260	30,440	1,171,820		1,365,513	21,336	1,344,177		3,787,010	97,026	3,689,984	
44 W / O incentive	2018	1,171,820	30,440	1,141,380		1,344,177	34,138	1,310,039		3,689,984	97,026	3,592,959	
45 W incentive	2018	1,171,820	30,440	1,141,380		1,344,177	34,138	1,310,039		3,689,984	97,026	3,592,959	
46 W / O incentive	2019	1,141,380	30,440	1,110,940	149,354	1,310,039	34,138	1,275,901	170,665	3,592,959	97,026	3,495,933	471,291
47 W incentive	2019	1,141,380	30,440	1,110,940	149,354	1,310,039	34,138	1,275,901	170,665	3,592,959	97,026	3,495,933	471,291
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A Proj Rev Req w/o Incentive PCY*					399,304				-				526,494
B Proj Rev Req w/ Incentive PCY*					399,304				-				526,494
C Actual Rev Req w/o Incentive PCY*					177,043				124,582				552,851
D Actual Rev Req w/ Incentive PCY*					177,043				124,582				552,851
E TUA w/o Int w/o Incentive PCY (C-A)					(222,261)				124,582				26,357
F TUA w/o Int w/ Incentive PCY (B-D)					(222,261)				124,582				26,357
G Future Value Factor (1+Y)^24 mo (AT76)					1,08460				1,08460				1,08460
H True-Up Adjustment w/o Incentive (E*G)					(241,064)				135,121				28,587
I True-Up Adjustment w/ Incentive (F*G)					(241,064)				135,121				28,587
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					(91,711)				305,786				499,878
W incentive					(91,711)				305,786				499,878

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												
10	Project BV-1A				Project BV-1B				Project BV-1C			
11 Schedule 12 (Yes or No)	Yes	B1912			Yes	B1912			Yes	B1912		
12 Life	40	Install a 500 MVAR SVC at Landstown 230 kV			40	Install a 500 MVAR SVC at Landstown 230 kV			40	Install a 500 MVAR SVC at Landstown 230 kV		
13 FCR W/O incentive Line 3	10.5592%	(Includes project modifications.)			10.5592%	(Includes project modifications.)			10.5592%	(Includes project modifications.)		
14 Incentive Factor (Basis Points /100)	0				0				0			
15 FCR W incentive L.13 + (L.14*L.5)	10.5592%				10.5592%				10.5592%			
16 Investment	20,513,095				25,133,568				24,955,831			
17 Annual Depreciation Exp	512,827				628,339				623,896			
18 In Service Month (1-12)	4				6				11			
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	20,513,095	337,910	20,175,185		25,133,568	316,605	24,816,963		24,955,831	72,546	24,883,285	
41 W incentive 2016	20,513,095	337,910	20,175,185		25,133,568	316,605	24,816,963		24,955,831	72,546	24,883,285	
42 W / O incentive 2017	20,175,185	512,827	19,662,358		24,816,963	628,339	24,188,624		24,883,285	623,896	24,259,389	
43 W incentive 2017	20,175,185	512,827	19,662,358		24,816,963	628,339	24,188,624		24,883,285	623,896	24,259,389	
44 W / O incentive 2018	19,662,358	512,827	19,149,531		24,188,624	628,339	23,560,285		24,259,389	623,896	23,635,493	
45 W incentive 2018	19,662,358	512,827	19,149,531		24,188,624	628,339	23,560,285		24,259,389	623,896	23,635,493	
46 W / O incentive 2019	19,149,531	512,827	18,636,703	2,507,793	23,560,285	628,339	22,931,945	3,082,947	23,635,493	623,896	23,011,598	3,086,680
47 W incentive 2019	19,149,531	512,827	18,636,703	2,507,793	23,560,285	628,339	22,931,945	3,082,947	23,635,493	623,896	23,011,598	3,086,680
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A Proj Rev Req w/o Incentive PCY*			2,551,821				3,487,195				3,342,435	
B Proj Rev Req w/ Incentive PCY*			2,551,821				3,487,195				3,342,435	
C Actual Rev Req w/o Incentive PCY*			2,982,675				3,654,507				3,628,664	
D Actual Rev Req w/ Incentive PCY*			2,982,675				3,654,507				3,628,664	
E TUA w/o Int w/o Incentive PCY (C-A)			430,854				167,312				286,229	
F TUA w/o Int w/ Incentive PCY (B-D)			430,854				167,312				286,229	
G Future Value Factor (1+Y/24 mo (AT7G))			1.08460				1.08460				1.08460	
H True-Up Adjustment w/o Incentive (E*G)			467,303				181,466				310,444	
I True-Up Adjustment w/ Incentive (F*G)			467,303				181,466				310,444	
TUA = True-Up Adjustment PCY = Previous Calendar Year												
W / O incentive			2,975,096				3,264,413				3,397,123	
W incentive			2,975,096				3,264,413				3,397,123	

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																
10					Project BV-2				Project BW				Project BX			
11 Schedule 12 (Yes or No)	Yes	B1912	125 MVA/r STATCOM at Lynnhaven		Yes	B1701	Reconductor line #2104 (Fredericksburg - Cranes Corner 230 kV)		Yes	B1791	Wreck and rebuild 2.1 mile section of Gordonsville and Somerset (Line #11)					
12 Life	40	10.5592%			40	10.5592%			40	10.5592%						
13 FCR W/O incentive Line 3	0	10.5592%			0	10.5592%			0	10.5592%						
14 Incentive Factor (Basis Points /100)	0	10.5592%			0	10.5592%			0	10.5592%						
15 FCR W incentive L.13 +(L.14*L.5)	27,285,426	3,178,496			3,178,496	79,462			3,441,461	86,037						
16 Investment	682,136	4			11	5			5							
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																
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26 W / O incentive 2009																
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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						3,178,496	9,240	3,169,256		3,391,440	80,034	3,311,406				
41 W incentive 2016						3,178,496	9,240	3,169,256		3,391,440	80,034	3,311,406				
42 W / O incentive 2017	27,285,426	483,179	26,802,247			3,169,256	79,462	3,089,794		3,311,406	86,037	3,225,369				
43 W incentive 2017	27,285,426	483,179	26,802,247			3,169,256	79,462	3,089,794		3,311,406	86,037	3,225,369				
44 W / O incentive 2018	26,802,247	682,136	26,120,111			3,089,794	79,462	3,010,331		3,225,369	86,037	3,139,333				
45 W incentive 2018	26,802,247	682,136	26,120,111			3,089,794	79,462	3,010,331		3,225,369	86,037	3,139,333				
46 W / O incentive 2019	26,120,111	682,136	25,437,975	3,404,201		3,010,331	79,462	2,930,869	393,135	3,139,333	86,037	3,053,296	412,983			
47 W incentive 2019	26,120,111	682,136	25,437,975	3,404,201		3,010,331	79,462	2,930,869	393,135	3,139,333	86,037	3,053,296	412,983			
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A Proj Rev Req w/o Incentive PCY*				3,352,202				439,332					484,055			
B Proj Rev Req w/ Incentive PCY*				3,352,202				439,332					484,055			
C Actual Rev Req w/o Incentive PCY*				2,818,829				462,164					484,543			
D Actual Rev Req w/ Incentive PCY*				2,818,829				462,164					484,543			
E TUA w/o Int w/o Incentive PCY (C-A)				(533,373)				22,832					488			
F TUA w/o Int w/ Incentive PCY (B-D)				(533,373)				22,832					488			
G Future Value Factor (1+Y/24 mo (AT76))				1.08460				1.08460					1.08460			
H True-Up Adjustment w/o Incentive (E*G)				(578,495)				24,764					529			
I True-Up Adjustment w/ Incentive (F*G)				(578,495)				24,764					529			
TUA = True-Up Adjustment PCY = Previous Calendar Year																
W / O incentive				2,825,706				417,898					413,512			
W incentive				2,825,706				417,898					413,512			

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-1				Project BY-2				Project BY-3			
10		Yes	B1694			Yes	B1694			Yes	B1694		
11 Schedule 12 (Yes or No)		40	Rebuild Loudoun - Brambleton 500 kV			40	Rebuild Loudoun - Brambleton 500 kV			40	Rebuild Loudoun - Brambleton 500 kV		
12 Life		10.5592%				10.5592%				10.5592%			
13 FCR W/O Incentive Line 3		0				0				0			
14 Incentive Factor (Basis Points /100)		10.5592%				10.5592%				10.5592%			
15 FCR W incentive L.13 +(L.14*L.5)		27,894,903				2,712,333				15,703,275			
16 Investment		697,373				67,808				392,582			
17 Annual Depreciation Exp		2				5				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													
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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		27,894,903	567,629	27,327,274		2,712,333	39,423	2,672,910		15,703,275	197,813	15,505,462	
41 W incentive 2016		27,894,903	567,629	27,327,274		2,712,333	39,423	2,672,910		15,703,275	197,813	15,505,462	
42 W / O incentive 2017		27,327,274	697,373	26,629,902		2,672,910	67,808	2,605,101		15,505,462	392,582	15,112,881	
43 W incentive 2017		27,327,274	697,373	26,629,902		2,672,910	67,808	2,605,101		15,505,462	392,582	15,112,881	
44 W / O incentive 2018		26,629,902	697,373	25,932,529		2,605,101	67,808	2,537,293		15,112,881	392,582	14,720,299	
45 W incentive 2018		26,629,902	697,373	25,932,529		2,605,101	67,808	2,537,293		15,112,881	392,582	14,720,299	
46 W / O incentive 2019		25,932,529	697,373	25,235,156	3,398,826	2,537,293	67,808	2,469,485	332,147	14,720,299	392,582	14,327,717	1,926,203
47 W incentive 2019		25,932,529	697,373	25,235,156	3,398,826	2,537,293	67,808	2,469,485	332,147	14,720,299	392,582	14,327,717	1,926,203
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A Proj Rev Req w/o Incentive PCY*				2,869,843				2,934,718					-
B Proj Rev Req w/ Incentive PCY*				2,869,843				2,934,718					
C Actual Rev Req w/o Incentive PCY*				3,986,805				389,576					2,259,191
D Actual Rev Req w/ Incentive PCY*				3,986,805				389,576					2,259,191
E TUA w/o Int w/o Incentive PCY (C-A)				1,116,962				(2,545,142)					2,259,191
F TUA w/o Int w/ Incentive PCY (B-D)				1,116,962				(2,545,142)					2,259,191
G Future Value Factor (1+Y/24 mo (AT76))				1,08460				1,08460					1,08460
H True-Up Adjustment w/o Incentive (E*G)				1,211,455				(2,760,457)					2,450,315
I True-Up Adjustment w/ Incentive (F*G)				1,211,455				(2,760,457)					2,450,315
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive				4,610,282				(2,428,310)					4,376,519
W incentive				4,610,282				(2,428,310)					4,376,519

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-4				Project BZ-1				Project BZ-2			
10		Yes	B1694			Yes	B1696			Yes	B1696		
11 Schedule 12 (Yes or No)		40	Rebuild Loudoun - Brambleton 500 kV			40	Install a breaker and a half scheme with			40	Install a breaker and a half scheme with		
12 Life		10.5592%				10.5592%	a minimum of eight 230 kV breakers			10.5592%	a minimum of eight 230 kV breakers		
13 FCR W/O Incentive Line 3		0				0	for five existing lines at Idylwood 230 kV			0	for five existing lines at Idylwood 230 kV		
14 Incentive Factor (Basis Points /100)		10.5592%				10.5592%				10.5592%			
15 FCR W incentive L.13 +(L.14*L.5)		477,481				2,144,992				14,000,000			
16 Investment		11,937				53,625				350,000			
17 Annual Depreciation Exp		7				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 2006													
21 W incentive 2006													
22 W / O incentive 2007													
23 W incentive 2007													
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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		477,481	5,089	472,392		2,144,992	47,805	2,097,187					
41 W incentive 2016		477,481	5,089	472,392		2,144,992	47,805	2,097,187					
42 W / O incentive 2017		472,392	11,937	460,455		2,097,187	53,625	2,043,562					
43 W incentive 2017		472,392	11,937	460,455		2,097,187	53,625	2,043,562					
44 W / O incentive 2018		460,455	11,937	448,518		2,043,562	53,625	1,989,937					
45 W incentive 2018		460,455	11,937	448,518		2,043,562	53,625	1,989,937					
46 W / O incentive 2019		448,518	11,937	436,580	58,667	1,989,937	53,625	1,936,313	260,915	14,000,000	335,417	13,664,583	1,735,141
47 W incentive 2019		448,518	11,937	436,580	58,667	1,989,937	53,625	1,936,313	260,915	14,000,000	335,417	13,664,583	1,735,141
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A Proj Rev Req w/o Incentive PCY*					-				895,531				-
B Proj Rev Req w/ Incentive PCY*					-				895,531				-
C Actual Rev Req w/o Incentive PCY*					68,807				306,060				-
D Actual Rev Req w/ Incentive PCY*					68,807				306,060				-
E TUA w/o Int w/o Incentive PCY (C-A)					68,807				(589,471)				-
F TUA w/o Int w/ Incentive PCY (B-D)					68,807				(589,471)				-
G Future Value Factor (1+Y/24 mo (AT76))					1,08460				1,08460				1,08460
H True-Up Adjustment w/o Incentive (E*G)					74,628				(639,339)				-
I True-Up Adjustment w/ Incentive (F*G)					74,628				(639,339)				-
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					133,295				(378,424)				1,735,141
W incentive					133,295				(378,424)				1,735,141

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													
10		Project CA-1				Project CA-2				Project CA-3			
11 Schedule 12 (Yes or No)		Yes	B2373			Yes	B2373			Yes	B2373		
12 Life		40	Build 2nd Loudoun - Brambleton 500 kV			40	Build 2nd Loudoun - Brambleton 500 kV			40	Build 2nd Loudoun - Brambleton 500 kV		
13 FCR W/O incentive Line 3		10.5592%	within existing ROW. The Loudoun -			10.5592%	within existing ROW. The Loudoun -			10.5592%	within existing ROW. The Loudoun -		
14 Incentive Factor (Basis Points /100)		0	Brambleton 230 kV line relocated as an			0	Brambleton 230 kV line relocated as an			0	Brambleton 230 kV line relocated as an		
15 FCR W incentive L.13 +(L.14*L.5)		10.5592%	underbuild on the new 500 kV line.			10.5592%	underbuild on the new 500 kV line.			10.5592%	underbuild on the new 500 kV line.		
16 Investment		28,003,295				14,800,890				1,620,339			
17 Annual Depreciation Exp		700,082				370,022				40,508			
18 In Service Month (1-12)		12				9				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		28,003,295	27,135	27,976,160									
39 W incentive 2015		28,003,295	27,135	27,976,160									
40 W / O incentive 2016		27,976,160	651,239	27,324,921		14,800,890	100,394	14,700,496		1,620,339	1,570	1,618,769	
41 W incentive 2016		27,976,160	651,239	27,324,921		14,800,890	100,394	14,700,496		1,620,339	1,570	1,618,769	
42 W / O incentive 2017		27,324,921	700,082	26,624,838		14,700,496	370,022	14,330,474		1,618,769	40,508	1,578,260	
43 W incentive 2017		27,324,921	700,082	26,624,838		14,700,496	370,022	14,330,474		1,618,769	40,508	1,578,260	
44 W / O incentive 2018		26,624,838	700,082	25,924,756		14,330,474	370,022	13,960,452		1,578,260	40,508	1,537,752	
45 W incentive 2018		26,624,838	700,082	25,924,756		14,330,474	370,022	13,960,452		1,578,260	40,508	1,537,752	
46 W / O incentive 2019		25,924,756	700,082	25,224,673	3,400,572	13,960,452	370,022	13,590,430	1,824,601	1,537,752	40,508	1,497,243	200,744
47 W incentive 2019		25,924,756	700,082	25,224,673	3,400,572	13,960,452	370,022	13,590,430	1,824,601	1,537,752	40,508	1,497,243	200,744
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A Proj Rev Req w/o Incentive PCY*					3,969,949				2,237,852				-
B Proj Rev Req w/ Incentive PCY*					3,969,949				2,237,852				-
C Actual Rev Req w/o Incentive PCY*					3,989,063				2,139,860				235,411
D Actual Rev Req w/ Incentive PCY*					3,989,063				2,139,860				235,411
E TUA w/o Int w/o Incentive PCY (C-A)					19,114				(97,992)				235,411
F TUA w/o Int w/ Incentive PCY (B-D)					19,114				(97,992)				235,411
G Future Value Factor (1+Y)^24 mo (A/TG)					1,08460				1,08460				1,08460
H True-Up Adjustment w/o Incentive (E*G)					20,731				(106,282)				255,327
I True-Up Adjustment w/ Incentive (F*G)					20,731				(106,282)				255,327
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive					3,421,303				1,716,319				456,071
W incentive					3,421,303				1,716,319				456,071



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 CB-1				Project CB-2				Project CC			
10					Yes	B2582			Yes	B2582			Yes	B1911		
11 Schedule 12 (Yes or No)					40	Rebuild the Elmont - Cunningham 500 kV line			40	Rebuild the Elmont - Cunningham 500 kV line			40	Add a second Valley 500/230 kV TX		
12 Life					10.5592%				10.5592%				10.5592%			
13 FCR W/O Incentive Line 3					0				0				0			
14 Incentive Factor (Basis Points /100)					10.5592%				10.5592%				10.5592%			
15 FCR W incentive L.13 +(L.14*L.5)					66,483,984				26,401,407				21,934,743			
16 Investment					1,662,100				660,035				548,369			
17 Annual Depreciation Exp					5				1				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																
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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													21,934,743	276,310	21,658,433	
41 W incentive 2016													21,934,743	276,310	21,658,433	
42 W / O incentive 2017					66,483,984	1,038,812	65,445,172						21,658,433	548,369	21,110,065	
43 W incentive 2017					66,483,984	1,038,812	65,445,172						21,658,433	548,369	21,110,065	
44 W / O incentive 2018					65,445,172	1,662,100	63,783,072		26,401,407	632,534	25,768,873		21,110,065	548,369	20,561,696	
45 W incentive 2018					65,445,172	1,662,100	63,783,072		26,401,407	632,534	25,768,873		21,110,065	548,369	20,561,696	
46 W / O incentive 2019					63,783,072	1,662,100	62,120,973	8,309,341	25,768,873	660,035	25,108,838	3,346,179	20,561,696	548,369	20,013,328	2,690,571
47 W incentive 2019					63,783,072	1,662,100	62,120,973	8,309,341	25,768,873	660,035	25,108,838	3,346,179	20,561,696	548,369	20,013,328	2,690,571
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A Proj Rev Req w/o Incentive PCY*							3,347,610				274,997					3,292,896
B Proj Rev Req w/ Incentive PCY*							3,347,610				274,997					3,292,896
C Actual Rev Req w/o Incentive PCY*							6,065,624				-					3,155,697
D Actual Rev Req w/ Incentive PCY*							6,065,624				-					3,155,697
E TUA w/o Int w/o Incentive PCY (C-A)							2,718,013				(274,997)					(137,199)
F TUA w/o Int w/ Incentive PCY (B-D)							2,718,013				(274,997)					(137,199)
G Future Value Factor (1+Y/24 mo (AT76))							1,08460				1,08460					1,08460
H True-Up Adjustment w/o Incentive (E*G)							2,947,953				(298,261)					(148,806)
I True-Up Adjustment w/ Incentive (F*G)							2,947,953				(298,261)					(148,806)
TUA = True-Up Adjustment PCY = Previous Calendar Year																
W / O incentive							11,257,294				3,047,918					2,541,765
W incentive							11,257,294				3,047,918					2,541,765

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															
10				Project CE				Project CJ-1				Project CJ-2			
11 Schedule 12 (Yes or No)	Yes	B2471		Yes	B2744			Yes	B2744						
12 Life	40	R/P Midlothian 500 kV breaker and		40	Rebuild the Carson-Rogers rd 500 kV circuit			40	Rebuild the Carson-Rogers rd 500 kV circuit						
13 FCR W/O incentive Line 3	10.5592%	M.O. switches with 3 breaker 500 kV ring bus.		10.5592%				10.5592%							
14 Incentive Factor (Basis Points /100)	0	Terminate Lines #563 Carson - Midlothian,		0				0							
15 FCR W incentive L13 +(L14*L5)	10.5592%	#576 Midlothian - North Anna,		10.5592%				10.5592%							
16 Investment	7,896,194	Transformer #2 in new ring		27,730,674				34,351,518							
17 Annual Depreciation Exp	197,405			693,267				858,788							
18 In Service Month (1-12)	11			1				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															
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30 W / O incentive 2011															
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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	7,873,240	183,632	7,689,608												
41 W incentive 2016	7,873,240	183,632	7,689,608												
42 W / O incentive 2017	7,689,608	197,405	7,492,203												
43 W incentive 2017	7,689,608	197,405	7,492,203												
44 W / O incentive 2018	7,492,203	197,405	7,294,798	27,730,674	664,381	27,066,293		34,351,518	536,742	33,814,776					
45 W incentive 2018	7,492,203	197,405	7,294,798	27,730,674	664,381	27,066,293		34,351,518	536,742	33,814,776					
46 W / O incentive 2019	7,294,798	197,405	7,097,393	957,256	27,066,293	693,267	26,373,026	3,514,654	33,814,776	858,788	32,955,988	4,384,023			
47 W incentive 2019	7,294,798	197,405	7,097,393	957,256	27,066,293	693,267	26,373,026	3,514,654	33,814,776	858,788	32,955,988	4,384,023			
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A Proj Rev Req w/o Incentive PCY*				1,111,629	-	-	-	-	-	-	-	-			
B Proj Rev Req w/ Incentive PCY*				1,111,629	-	-	-	-	-	-	-	-			
C Actual Rev Req w/o Incentive PCY*				1,122,945	-	-	-	-	-	-	-	-			
D Actual Rev Req w/ Incentive PCY*				1,122,945	-	-	-	-	-	-	-	-			
E TUA w/o Int w/o Incentive PCY (C-A)				11,316	-	-	-	-	-	-	-	-			
F TUA w/o Int w/ Incentive PCY (B-D)				11,316	-	-	-	-	-	-	-	-			
G Future Value Factor (1+Y/24 mo (AT76))				1.08460	-	-	-	1.08460	-	-	-	1.08460			
H True-Up Adjustment w/o Incentive (E*G)				12,274	-	-	-	-	-	-	-	-			
I True-Up Adjustment w/ Incentive (F*G)				12,274	-	-	-	-	-	-	-	-			
TUA = True-Up Adjustment PCY = Previous Calendar Year															
W / O incentive				969,530				3,514,654				4,384,023			
W incentive				969,530				3,514,654				4,384,023			

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																		
10		Project CD-1				Project CF-1				Project CF-2								
11 Schedule 12 (Yes or No)	Yes	B2443					Yes	B2665					Yes	B2665				
12 Life	40	Glebe to Station C 230 kV UG line					40	Rebuild the Cunningham - Dooms 500 kV line					40	Rebuild the Cunningham - Dooms 500 kV line				
13 FCR W/O Incentive Line 3	10.5592%						10.5592%						10.5592%					
14 Incentive Factor (Basis Points /100)	0						0						0					
15 FCR W incentive L.13 +(L.14*L.5)	10.5592%						10.5592%						10.5592%					
16 Investment	20,000,000						40,000,000						22,875,170					
17 Annual Depreciation Exp	500,000						1,000,000						571,879					
18 In Service Month (1-12)	12						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																	
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					40,000,000	625,000	39,375,000										
46 W / O incentive	2019	20,000,000	20,833	19,979,167	108,781	39,375,000	1,000,000	38,375,000	5,104,896	22,875,170	357,425	22,517,745	1,855,280					
47 W incentive	2019	20,000,000	20,833	19,979,167	108,781	39,375,000	1,000,000	38,375,000	5,104,896	22,875,170	357,425	22,517,745	1,855,280					
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59																		
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+Y/24 mo (AT76))					1.08460				1.08460				1.08460					
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					108,781				5,104,896				1,855,280					
W incentive					108,781				5,104,896				1,855,280					

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								
10		Project CG-1						
11 Schedule 12 (Yes or No)	Yes	B2758					If Yes for Schedule 12 include in this Total.	If No for Schedule 12 include in this Sum.
12 Life	40	Rebuild Line #549 Dooms - Valley 500 KV line						
13 FCR W/O Incentive Line 3	10.5592%							
14 Incentive Factor (Basis Points /100)	0							
15 FCR W incentive L.13 +(L.14*L.5)	10.5592%							
16 Investment	25,000,000						Annual Revenue Requirement including Incentive if Applicable	Annual Revenue Requirement excluding Incentive
17 Annual Depreciation Exp	625,000							
18 In Service Month (1-12)	11							
19		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								
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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	25,000,000	78,125	24,921,875	407,585	272,858,906			38,281,780
47 W incentive 2019	25,000,000	78,125	24,921,875	407,585	276,234,321	40,382,390		
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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+Y/24 mo (AT76))					1.08460			
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					407,585			
W incentive					407,585			

**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 Rates<sup>1</sup>

## 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%

<sup>1</sup>Depreciation 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)**<sup>1</sup>

**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%

<sup>1</sup>Depreciation 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)<sup>1</sup>**

**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%

<sup>1</sup>Depreciation 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			2019
(In Dollars)				
	(1)	(2)	(3)	(4)
	Project Name	Requirement	Adjustment Factors	Undergrounding
2a	Garrisonville	\$31,080,689	92.49%	\$28,745,163
2b	Pleasant View	\$21,928,372	23.37%	\$5,123,766
2c	NIVO	\$2,495,278	22.09%	\$551,247
3	Total Incremental Undergrounding Costs Revenue Requirement			\$34,420,176

**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)	\$34,420,176
5	Dominion Zone NSPL 1 CP Peak from Appendix A, line 169 (in Megawatts)	21,232.0
6	Virginia Portion of the Dominion Zone NSPL (Analysis of PJM load bus data) (in Megawatts)	19,908.4
7	Annual UG Transmission Rate (dollars per MW-year) (line 4 ÷ line 6)	\$1,728.93

**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.

These amounts do not include any True-Up Adjustments.

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



## Attachment 10B - UG Protect Revenue Requirement for Calendar Years after 2014

Year = 2019

NINVO US Project Revenue Requirement																											
Line #s	Descriptions	Notes	Page #s & Instructions	Previous Year												Current Year											
				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	Inst. 1	(2,063,510)	(2,089,216)	(2,114,922)	(2,140,628)	(2,166,334)	(2,192,040)	(2,217,746)	(2,243,452)	(2,269,158)	(2,294,864)	(2,320,570)	(2,346,276)	(2,371,982)	(2,417,746)										
3	Accumulated Deferred Income Taxes	Note 2	Inst. 2	(420,211)													(421,826)										
4	Applicable Rate Base		Line (1 + 2 + 3)														7,474,265										
5	Return		Line 4 * (Appendix A Line 129)														610,322										
6	Income Taxes associated with Equity Return		Line 5 * Appendix A Line 137 * (1+(126 / 129))														153,034										
7	Transmission Related Income Tax Adjustments		Line 6 * Appendix A Line (138 / 139)														(4,790)										
8	Total Income Tax Provision		Line (6 + 7)														148,245										
9	Depreciation-Transmission		Inst. 1														308,472										
10	Property Tax		Inst. 3														20,559										
11	UG Project Revenue Requirement		Line (5 + 8 + 9 + 10)														1,087,597										
12	Projected UG Project Revenue Requirement for Previous Calendar Year	Note 3															-										
13	Actual UG Project Revenue Requirement for Previous Calendar Year	Note 3															1,297,882										
14	True-Up Adjustment Before Interest for Previous Calendar Year		Line (13 - 12)														1,297,882										
15	Future Value Factor (1 + 1/24 months)		Attachment 6														1,089,600										
16	True-Up Adjustment		Line (14 * 15)														1,407,680.68										
17	UG Project Revenue Requirement including True-up Adjustment, if applicable		Line (11 + 16)														2,495,278										
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 A – Part 2**  
**2017 True-Up**

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

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**Formula Rate -- Appendix A**  
**Shaded cells are input cells**

Notes

Instruction ( Note H)

(000's)

**Allocators**

<b>Wages &amp; Salary Allocation Factor</b>				
1	Transmission Wages Expense		p354.21b/ Attachment 5	\$ 43,622
2	Less Generator Step-ups		Attachment 5	15
3	Net Transmission Wage Expenses		(Line 1 - 2)	43,607
4	Total Wages Expense		p354.28b/Attachment 5	624,249
5	Less A&G Wages Expense		p354.27b/Attachment 5	83,912
6	Total		(Line 4 - 5)	\$ 540,337
7	<b>Wages &amp; Salary Allocator</b>	(Note B)	(Line 3 / 6)	<b>8.0703%</b>
<b>Plant Allocation Factors</b>				
8	Electric Plant in Service	(Notes A & Q)	p207.104.g/Attachment 5	\$ 37,401,365
9	Common Plant In Service - Electric		(Line 26)	0
10	Total Plant In Service		(Sum Lines 8 & 9)	\$ 37,401,365
11	Accumulated Depreciation (Total Electric Plant)	(Notes A & Q)	(Line 15 - 14 - 13 - 12 )	12,754,191
12	Accumulated Intangible Amortization	(Notes A & Q)	p200.21c/Attachment 5	122,056
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	12,876,247
16	Net Plant		(Line 10 - 15)	24,525,118
17	Transmission Gross Plant		(Line 31 - 30)	7,675,620
18	<b>Gross Plant Allocator</b>	(Note B)	(Line 17 / 10)	<b>20.5223%</b>
19	Transmission Net Plant		(Line 44 - 30)	\$ 6,379,372
20	<b>Net Plant Allocator</b>	(Note B)	(Line 19 / 16)	<b>26.0116%</b>
<b>Plant Calculations</b>				
<b>Plant In Service</b>				
21	Transmission Plant In Service	(Notes A & Q)	p207.58.g/Attachment 5	\$ 8,097,857
22	Less: Generator Step-ups	(Notes A & Q)	Attachment 5	343,860
23	Less: Interconnect Facilities Installed After March 15, 2000	(Notes A & Q)	Attachment 5	161,251
24	<b>Total Transmission Plant In Service</b>		(Lines 21 - 22 - 23 )	<b>7,592,746</b>
25	General & Intangible	(Notes A & Q)	p205.5.g + p207.99.g/Attachment 5	1,026,901
26	Common Plant (Electric Only)		p356/Attachment 5	0
27	Total General & Common		(Line 25 + 26)	1,026,901
28	Wage & Salary Allocation Factor		(Line 7)	8.0703%
29	<b>General &amp; Common Plant Allocated to Transmission</b>		(Line 27 * 28)	<b>\$ 82,874</b>
30	<b>Plant Held for Future Use (Including Land)</b>	(Notes C & Q)	p214.47.d/Attachment 5	<b>\$ 21,638</b>
31	<b>TOTAL Plant In Service</b>		<b>(Line 24 + 29 + 30)</b>	<b>\$ 7,697,258</b>
<b>Accumulated Depreciation</b>				
32	Transmission Accumulated Depreciation	(Notes A & Q)	p219.25.c/Attachment 5	\$ 1,361,913
33	Less Accumulated Depreciation for Generator Step-ups	(Notes A & Q)	Attachment 5	87,089
34	Less Accumulated Depreciation for Interconnect Facilities Installed After March 15, 2000	(Notes A & Q)	Attachment 5	16,112
35	Total Accumulated Depreciation for Transmission		(Line 32 - 33 - 34)	1,258,712
36	Accumulated General Depreciation	(Notes A & Q)	p219.28.b/Attachment 5	343,055
37	Accumulated Intangible Amortization	(Notes A & Q)	(Line 12)	122,056
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)	465,111
41	Wage & Salary Allocation Factor		(Line 7)	8.0703%
42	<b>General &amp; Common Allocated to Transmission</b>		(Line 40 * 41)	<b>37,536</b>
43	<b>TOTAL Accumulated Depreciation</b>		<b>(Line 35 + 42)</b>	<b>\$ 1,296,248</b>
44	<b>TOTAL Net Property, Plant &amp; Equipment</b>		<b>(Line 31 - 43)</b>	<b>\$ 6,401,010</b>

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

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**Formula Rate -- Appendix A**

Notes

Instruction ( Note H)

**Adjustment To Rate Base**

<b>Accumulated Deferred Income Taxes</b>				
45	Average Balance	(Note U)	Attachment 1	\$ (1,324,680)
45A	Accumulated Deferred Income Taxes Attributable To Acquisition Adjustments		Attachment 5	\$ (33)
46	<b>Accumulated Deferred Income Taxes Allocated To Transmission</b>		(Line 45 + 45A)	<b>\$ (1,324,713)</b>
<b>Transmission O&amp;M Reserves</b>				
47	<b>Total Balance Transmission Related Account 242 Reserves</b>	Enter Negative	Attachment 5	<b>\$ (17,138)</b>
<b>Unamortized Excess/Deficient Deferred Income Taxes</b>				
47A	<b>Unamortized Exc/Def Deferral</b>		Attachment 5	<b>\$ (2,377)</b>
<b>Prepayments</b>				
48	Prepayments	(Notes A & R)	Attachment 5	\$ 1,933
49	<b>Total Prepayments Allocated to Transmission</b>		(Line 48)	<b>\$ 1,933</b>
<b>Materials and Supplies</b>				
50	Undistributed Stores Exp	(Notes A & R)	p227.6c & 16.c	\$ -
51	Wage & Salary Allocation Factor		(Line 7)	8.0703%
52	Total Transmission Allocated Materials and Supplies		(Line 50 * 51)	0
53	Transmission Materials & Supplies		p227.8c/2	35,513
54	<b>Total Materials &amp; Supplies Allocated to Transmission</b>		(Line 52 + 53)	<b>\$ 35,513</b>
<b>Cash Working Capital</b>				
55	Transmission Operation & Maintenance Expense		(Line 85)	\$ 121,630
56	1/8th Rule		x 1/8	12.5%
57	<b>Total Cash Working Capital Allocated to Transmission</b>		(Line 55 * 56)	<b>\$ 15,204</b>
<b>Network Credits</b>				
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
<b>Electric Plant Acquisition Adjustments Approved by FERC</b>				
60A	Acquisition Adjustments Amount		Attachment 5	\$ 3,386
60B	Accumulated Provision for Amortization of Line 60A Amount		Attachment 5	20
60C	Transmission Plant Unamortized Acquisition Adjustments Amount		(Line 60A - 60B)	<b>\$ 3,366</b>
61	<b>TOTAL Adjustment to Rate Base</b>		(Line 46 + 47 + 47A + 49 + 54 + 57 - 60 + 60C)	<b>\$ (1,288,212)</b>
62	<b>Rate Base</b>		(Line 44 + 61)	<b>\$ 5,112,798</b>

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

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**Formula Rate -- Appendix A**

Notes

Instruction ( Note H)

**O&M**

<b>Transmission O&amp;M</b>				
63	Transmission O&M		p321.112.b/Attachment 5	\$ 23,260
64	Less GSU Maintenance		Attachment 5	18
65	Less Account 565 - Transmission by Others		p321.96.b/Attachment 5	(73,379)
66	Plus Schedule 12 Charges billed to Transmission Owner and booked to Account 565	(Note O)	PJM Data	0
67	<b>Transmission O&amp;M</b>		(Lines 63 - 64 + 65 + 66)	<b>\$ 96,621</b>
<b>Allocated General &amp; Common Expenses</b>				
68	Common Plant O&M	(Note A)	p356	0
69	Total A&G		Attachment 5	345,628
70	Less Property Insurance Account 924		p323.185b	1,011
71	Less Regulatory Commission Exp Account 928	(Note E)	p323.189b/Attachment 5	32,805
72	Less General Advertising Exp Account 930.1		p323.911b/Attachment 5	4,491
73	Less EPRI Dues	(Note D)	p352-353/Attachment 5	3,734
74	<b>General &amp; Common Expenses</b>		(Lines 68 + 69) - Sum (70 to 73)	\$ 303,587
75	Wage & Salary Allocation Factor		(Line 7)	8.0703%
76	<b>General &amp; Common Expenses Allocated to Transmission</b>		(Line 74 * 75)	<b>\$ 24,500</b>
<b>Directly Assigned A&amp;G</b>				
77	Regulatory Commission Exp Account 928	(Note G)	p323.189b/Attachment 5	\$ 245
78	General Advertising Exp Account 930.1	(Note K)	p323.191b	0
79	Subtotal - Transmission Related		(Line 77 + 78)	<b>245</b>
80	Property Insurance Account 924		p323.185b	1,011
81	General Advertising Exp Account 930.1	(Note F)	Attachment 5	0
82	Total		(Line 80 + 81)	1,011
83	Net Plant Allocation Factor		(Line 20)	26.0116%
84	<b>A&amp;G Directly Assigned to Transmission</b>		(Line 82 * 83)	<b>\$ 263</b>
85	<b>Total Transmission O&amp;M</b>		<b>(Line 67 + 76 + 79 + 84)</b>	<b>\$ 121,630</b>

**Depreciation & Amortization Expense**

<b>Depreciation Expense</b>				
86	Transmission Depreciation Expense	(Notes A and S)	p336.7b&c/Attachment 5	\$ 203,282
87	Less: GSU Depreciation		Attachment 5	10,296
88	Less Interconnect Facilities Depreciation		Attachment 5	4,788
89	Extraordinary Property Loss		Attachment 5	0
90	Total Transmission Depreciation		(Line 86 - 87 - 88 + 89)	<b>188,198</b>
90A	Amortization of Acquisition Adjustments		Attachment 5	85
91	General Depreciation	(Note A)	p336.10b&c&d/Attachment 5	37,036
92	Intangible Amortization	(Note A)	p336.1d&e/Attachment 5	30,551
93	Total		(Line 91 + 92)	<b>67,587</b>
94	Wage & Salary Allocation Factor		(Line 7)	8.0703%
95	<b>General and Intangible Depreciation Allocated to Transmission</b>		(Line 93 * 94)	<b>5,454</b>
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)	8.0703%
100	<b>Common Depreciation - Electric Only Allocated to Transmission</b>		(Line 98 * 99)	<b>0</b>
101	<b>Total Transmission Depreciation &amp; Amortization</b>		<b>(Line 90 + 90A + 95 + 100)</b>	<b>\$ 193,738</b>

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

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**Formula Rate -- Appendix A**

Notes

Instruction ( Note H)

**Taxes Other than Income**

102	Taxes Other than Income	Attachment 2	\$	50,151
103	Total Taxes Other than Income	(Line 102)	\$	50,151

**Return / Capitalization Calculations**

<b>Long Term Interest</b>				
104	Long Term Interest	(Note T)	p117.62c through 67c/Attachment 5	\$ 511,009
105	Less LTD Interest on Securitization Bonds	(Note P)	Attachment 8	0
106	Long Term Interest		(Line 104 - 105)	\$ 511,009
107	Preferred Dividends	(Note T), enter positive	p118.29c	\$ -
<b>Common Stock</b>				
108	Proprietary Capital		p112.16c,d/2	\$ 12,044,332
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	\$ (54,340)
111	Common Stock		(Sum Lines 108 to 110)	\$ 11,989,992
<b>Capitalization</b>				
112	Long Term Debt		p112.24c,d/2	\$ 11,005,768
113	Less Loss on Reacquired Debt	(Note T), enter negative	p111.81c,d/2	\$ (1,869)
114	Plus Gain on Reacquired Debt	(Note T), enter positive	p113.61c,d/2	\$ 3,294
115	Less LTD on Securitization Bonds	(Note P)	Attachment 8	0
116	Total Long Term Debt		(Sum Lines 112 to 115)	11,007,193
117	Preferred Stock	(Note T), enter positive	p112.3c,d/2	0
118	Common Stock		(Line 111)	11,989,992
119	Total Capitalization		(Sum Lines 116 to 118)	\$ 22,997,186
120	Debt %	Total Long Term Debt	(Line 116 / 119)	47.9%
121	Preferred %	Preferred Stock	(Line 117 / 119)	0.0%
122	Common %	Common Stock	(Line 118 / 119)	52.1%
123	Debt Cost	Total Long Term Debt	(Line 106 / 116)	0.0464
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)	0.0222
127	Weighted Cost of Preferred	Preferred Stock	(Line 121 * 124)	0.0000
128	Weighted Cost of Common	Common Stock	(Line 122 * 125)	0.0594
129	Total Return ( R )		(Sum Lines 126 to 128)	0.0817
130	Investment Return = Rate Base * Rate of Return		(Line 62 * 129)	417,493
<b>Composite Income Taxes</b>				
<b>Income Tax Rates</b>				
131	FIT=Federal Income Tax Rate		Attachment 5	35.00%
132	SIT=State Income Tax Rate or Composite	(Note I)	Attachment 5	5.87%
133	p	(percent of federal income tax deductible for state purposes)	Per State Tax Code	0.00%
134	T	$T = 1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\}$		38.82%
135	T/ (1-T)			63.44%
<b>Transmission Related Income Tax Adjustments</b>				
136	Amortized Investment Tax Credit (ITC)	(Note I) enter negative	Attachment 1	\$ (136)
136A	Other Income Tax Adjustments		Attachment 5	\$ 1,517
137	T/(1-T)		(Line 135)	63.44%
138	Transmission Income Taxes - Income Tax Adjustments		((Line 136 + 136A) * (1 + Line 137))	\$ 2,258
139	Transmission Income Taxes - Equity Return =	$CIT = (T/(1-T)) * Investment\ Return * (1 - (WCLTD/R)) =$	[Line 135 * 130 * (1 - (126 / 129))]	192,783
140	Total Transmission Income Taxes		(Line 138 + 139)	195,041

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

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2017

**Formula Rate -- Appendix A**

Notes

Instruction ( Note H)

**REVENUE REQUIREMENT**

Summary				
141	Net Property, Plant & Equipment	(Line 44)	\$	6,401,010
142	Adjustment to Rate Base	(Line 61)		(1,288,212)
143	<b>Rate Base</b>	(Line 62)	<b>\$</b>	<b>5,112,798</b>
144	O&M	(Line 85)		121,630
145	Depreciation & Amortization	(Line 101)		193,738
146	Taxes Other than Income	(Line 103)		50,151
147	Investment Return	(Line 130)		417,493
148	Income Taxes	(Line 140)		195,041
149				
<b>150</b>	<b>Revenue Requirement</b>	<b>(Sum Lines 144 to 149)</b>	<b>\$</b>	<b>978,052</b>
<b>Acquisition Adjustments Revenue Requirement</b>				
150A	Acquisition Adjustments Return	Line 129 * (60C + 45A)	\$	272
150B	Acquisition Adjustments Income Taxes	[Line 135 * 150A * (1 - ( 126 / 129))]		126
150C	Amortization of Acquisition Adjustments	(Line 90A)		85
150D	<b>Acquisition Adjustments Revenue Requirement</b>	(Line 150A + 150B + 150C)	<b>\$</b>	<b>483</b>
<b>Net Plant Carrying Charge</b>				
151	Revenue Requirement excluding Acquisition Adjustments Revenue Requirement	(Line 150 - 150D)	<b>\$</b>	<b>977,569</b>
152	Net Transmission Plant	(Line 24 - 35)		6,334,033
153	Net Plant Carrying Charge without Acquisition Adjustments	(Line 151 / 152)		15.4336%
154	Net Plant Carrying Charge without Acquisition Adjustments and Depreciation	(Line 151 - 86 ) / 152		12.2242%
155	Net Plant Carrying Charge without Acquisition Adjustments, Depreciation, Return or Income Taxes	(Line 150 - 86 - 90A - 130 - 140) / 152		2.5600%
<b>Net Plant Carrying Charge Calculation with 100 Basis Point increase in ROE</b>				
156	Gross Revenue Requirement Less Return, Income Taxes, and Amortization of Acquisition Adjustments	(Line 150 - 147 - 148 - 90A)	<b>\$</b>	<b>365,433</b>
157	Increased Return and Taxes	Attachment 4		655,674
158	Net Revenue Requirement excluding Acquisition Adjustments Rev. Req. with 100 Basis Point increase in ROE	(Line 156 + 157)		1,021,108
159	Net Transmission Plant	(Line 152)		6,334,033
160	Net Plant Carrying Charge with 100 Basis Point increase in ROE without Acquisition Adjustments	(Line 158 / 159)		16.1210%
161	Net Plant Carrying Charge with 100 Basis Point increase in ROE without Acquisition Adjustments and Depreciation	(Line 158 - 86 ) / 159		12.9116%
162	<b>Revenue Requirement</b>	(Line 150)	<b>\$</b>	<b>978,052</b>
163	True-up Adjustment	Attachment 6		-
164	Plus any increased ROE calculated on Attachment 7 other than PJM Schedule 12 projects.	Attachment 7		2,739
165	Facility Credits under Section 30.9 of the PJM OATT.	Attachment 5		2,963
166	Revenue Credits	Attachment 3		(17,532)
167	Interest on Network Credits	PJM data		0
168	<b>Annual Transmission Revenue Requirement (ATRR)</b>	(Line 162 + 163 + 164 + 165 + 166 + 167)	<b>\$</b>	<b>966,222</b>
<b>Rate for Network Integration Transmission Service</b>				
169	1 CP Peak	(Note L) PJM Data		19,538.1
170	Rate (\$/MW-Year)	(Line 168 / 169)		49,453.20
<b>171</b>	<b>Rate for Network Integration Transmission Service (\$/MW/Year)</b>	<b>(Line 170)</b>		<b>49,453.20</b>

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

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**Formula Rate -- Appendix A**

Notes

Instruction ( Note H)

**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.

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

Current Year: 2017

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

8.0703%  
20.5223%

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Line		Account 190	Account 282	Account 283	Total	Allocation / Assignment Method	Allocation / Assignment %	Transmission Total
ADIT - Liberalized Depreciation (Amounts Including Adjustments)								
1	Liberalized Depreciation - Transmission		\$ (1,346,820)		(1,346,820)	Assigned	100.0000%	(1,346,820)
2	Liberalized Depreciation - General Plant		\$ (66,389)		(66,389)	Wages & Salaries	8.0703%	(5,358)
3	Liberalized Depreciation - Computer Software (Reverse Book Depreciation)		\$ 42,541		42,541	Wages & Salaries	8.0703%	3,433
4	Liberalized Depreciation - Computer Software (Tax Depreciation)		\$ (58,320)		(58,320)	Wages & Salaries	8.0703%	(4,707)
5	Total Liberalized Depreciation Amounts including Adjustments (Sum of Lines 1 - 4)	\$ -	\$ (1,428,987)		\$ (1,428,987)			\$ (1,353,451)
ADIT - Plant Related Other than Liberalized Depreciation								
6	Transmission Plant (net of GSU/GI Proportion)	100,054	(226,836)	-	(126,782)	Assigned	100.0000%	(126,782)
7	General Plant	8,077	(29,607)	-	(21,530)	Wages & Salaries	8.0703%	(1,738)
8	Plant - Other	286,556	(25,915)	305	260,946	Gross Plant	20.5223%	53,552
9	Total Plant Related Other than Liberalized Depreciation (Sum of Lines 6 - 8)	\$ 394,687	\$ (282,358)	\$ 305	\$ 112,634			\$ (74,967)
ADIT - Not Plant Related								
10	Employee Benefits	204,660	-	(51,736)	152,924	Wages & Salaries	8.0703%	12,341
11	Other Operating	9,141	-	(459)	8,682	Wages & Salaries	8.0703%	701
12	Total Not Plant Related (Sum of Lines 10 - 11)	\$ 213,801	\$ -	\$ (52,195)	\$ 161,605			\$ 13,042
13	Total ADIT used for Assignment or Allocation to Transmission (Sum of Lines 5, 9 & 12)	\$ 608,487	\$ (1,711,345)	\$ (51,891)	\$ (1,154,748)			\$ (1,415,376)

Reconciliation to FERC Form 1 Accounts:

- 14 Liberalized Depreciation not Allocated or Assigned to Transmission  
15 Total Amount of Excluded ADIT in Line 5 due to Adjustments  
16 Excluded Amounts (see Explanations below)  
17 **Total ADIT Not Used for Assignment or Allocation to Transmission (Sum of Lines 14-16)**  
18 **Total FERC Form 1 Balance (Sum of Lines 13 & 17)**

(4,245,121)  
(159,895)  
1,348,198  
1,348,198  
1,956,685

(4,245,121)  
(159,895)  
1,953,757  
(250,880)  
(250,880)  
(302,770)

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)

Line

ADIT Summary and Calculation of Average Balance

Description	Balance Date	Amount
19 Transmission Total ADIT from Attachment 1, Line 13	December 31 of the Current Year	\$ (1,415,376)
20 Transmission Total ADIT from Attachment 1A, Line 13 (Note 1)	December 31 of the Previous Year	\$ (1,233,984)
21 Average Balance for Entry on Line 45 of Appendix A		\$ (1,324,680)

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

Item	Amortization
22 Amortization of Transmission Related for Entry on Line 136 of Appendix A	\$ 136
23 Amortization, Other	\$ (2,985)
24 Current Year Amortization (Line 22 + 23)	\$ (2,849)
25 Current Year Amortization from Form 1 (Current Year Items from p266.8f-g)	\$ (2,849)
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: 2016

**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

(A) Line	(B)	(C) Account 190	(D) Account 282	(E) Account 283	(F) Total	Transmission		
						(G) Allocation / Assignment Method	(H) Allocation / Assignment %	(I) Transmission Total
ADIT - Liberalized Depreciation (Amounts Including Adjustments)								
1	Liberalized Depreciation - Transmission				-	Assigned	100.0000%	
2	Liberalized Depreciation - General Plant				-	Wages & Salaries	0.0000%	
3	Liberalized Depreciation - Computer Software (Reverse Book Depreciation)				-	Wages & Salaries	0.0000%	
4	Liberalized Depreciation - Computer Software (Tax Depreciation)				-	Wages & Salaries	0.0000%	
5	Total Liberalized Depreciation Amounts Including Adjustments (Sum of Lines 1 - 4)	\$ -	\$ -		\$ -			\$ -
ADIT - Plant Related Other than Liberalized Depreciation								
6	Transmission Plant (net of GSU/GI Proportion)				-	Assigned	100.0000%	
7	General Plant				-	Wages & Salaries	0.0000%	
8	Plant - Other				-	Gross Plant	0.0000%	
9	Total Plant Related Other than Liberalized Depreciation (Sum of Lines 6 - 8)	\$ -	\$ -	\$ -	\$ -			\$ -
ADIT - Not Plant Related								
10	Employee Benefits				-	Wages & Salaries	0.0000%	
11	Other Operating				-	Wages & Salaries	0.0000%	
12	Total Not Plant Related (Sum of Lines 10 - 11)	\$ -	\$ -	\$ -	\$ -			\$ -
13	Total ADIT used for Assignment or Allocation to Transmission (Sum of Lines 5, 9 & 12)	\$ -	\$ -	\$ -	\$ -			\$ -
Reconciliation to FERC Form 1 Accounts:								
14	Liberalized Depreciation not Allocated or Assigned to Transmission							
15	Total Amount of Excluded ADIT in Line 5 due to Adjustments							
16	Excluded Amounts (see Explanations below)							
17	Total ADIT Not Used for Assignment or Allocation to Transmission (Sum of Lines 14-16)							
18	Total FERC Form 1 Balance (Sum of Lines 13 & 17)	\$ -	\$ -	\$ -	\$ -			\$ -

**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. Line 16 represents the impact of proration and the removal of 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 2016 and Later and True-ups of 2014 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: 2017  
 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	2016	Dec	(1,336,117,378)					(1,336,117,378)
4	2017	Jan	(1,348,050,421)	(11,933,043)	335	0.917808	(10,952,245)	(1,347,069,623)
5	2017	Feb	(1,359,983,464)	(11,933,043)	307	0.841096	(10,036,833)	(1,357,106,456)
6	2017	Mar	(1,371,916,507)	(11,933,043)	276	0.756164	(9,023,342)	(1,366,129,798)
7	2017	Apr	(1,383,849,550)	(11,933,043)	246	0.673973	(8,042,544)	(1,374,172,342)
8	2017	May	(1,395,782,592)	(11,933,043)	215	0.589041	(7,029,053)	(1,381,201,395)
9	2017	Jun	(1,407,715,635)	(11,933,043)	185	0.506849	(6,048,255)	(1,387,249,650)
10	2017	Jul	(1,419,648,678)	(11,933,043)	154	0.421918	(5,034,763)	(1,392,284,413)
11	2017	Aug	(1,431,581,721)	(11,933,043)	123	0.336986	(4,021,272)	(1,396,305,685)
12	2017	Sep	(1,443,514,764)	(11,933,043)	93	0.254795	(3,040,474)	(1,399,346,159)
13	2017	Oct	(1,455,447,807)	(11,933,043)	62	0.169863	(2,026,983)	(1,401,373,142)
14	2017	Nov	(1,467,380,850)	(11,933,043)	32	0.087671	(1,046,185)	(1,402,419,327)
15	2017	Dec	(1,479,313,892)	(11,933,043)	1	0.002740	(32,693)	(1,402,452,020)
16	Total Transmission Plant In Service Net of GSU and GI Plant as a Percentage of Total Transmission Plant In Service:							93.76%
17	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1A Only When the Formula Rate Population is to Calculate a Projected ATRR:							(1,252,775,877)
18	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1 Only When the Formula Rate Population is to Calculate a Projected ATRR:							(1,314,972,837)

## 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 3 multiplied by line 16.
Col. 8, Line 18	Col. 8, Line 15 multiplied by line 16.

**Attachment 1B (Continued)****2017**

Sheet 2 of 3

**Part 2: Account 282, General Plant**

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

Line	(1) Year	(2) Month	(3) Projected General Plant ADIT	(4) Activity	(5) Remaining Days	(6) Ratio	(7) Activity with Proration	(8) ADIT with Proration
1	2016	Dec	(56,781,575)					(56,781,575)
2	2017	Jan	(56,781,575)	0	335	0.917808	0	(56,781,575)
3	2017	Feb	(56,781,575)	0	307	0.841096	0	(56,781,575)
4	2017	Mar	(56,781,575)	0	276	0.756164	0	(56,781,575)
5	2017	Apr	(56,781,575)	0	246	0.673973	0	(56,781,575)
6	2017	May	(56,781,575)	0	215	0.589041	0	(56,781,575)
7	2017	Jun	(56,781,575)	0	185	0.506849	0	(56,781,575)
8	2017	Jul	(56,781,575)	0	154	0.421918	0	(56,781,575)
9	2017	Aug	(56,781,575)	0	123	0.336986	0	(56,781,575)
10	2017	Sep	(56,781,575)	0	93	0.254795	0	(56,781,575)
11	2017	Oct	(56,781,575)	0	62	0.169863	0	(56,781,575)
12	2017	Nov	(56,781,575)	0	32	0.087671	0	(56,781,575)
13	2017	Dec	(56,781,575)	0	1	0.002740	0	(56,781,575)
14	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1A Only When the Formula Rate Population is to Calculate a Projected ATRR:							(56,781,575)
15	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1 Only When the Formula Rate Population is to Calculate a Projected ATRR:							(56,781,575)

**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 1.
Col. 8, Line 15	Col. 8, Line 13.



**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 2015 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 lines 17 and 18 of Part 1, and lines 14 and 15 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: **2017** (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	2016	Dec	(1,376,462,100)									(1,376,462,100)
4	2017	Jan	(1,387,121,762)	(10,659,662)	(11,933,043)	1,273,381	1,273,381	0	1,168,719	(10,952,245)	(9,783,526)	(1,386,245,626)
5	2017	Feb	(1,397,781,424)	(10,659,662)	(11,933,043)	1,273,381	1,273,381	0	1,071,035	(10,036,833)	(8,965,798)	(1,395,211,423)
6	2017	Mar	(1,407,274,467)	(9,493,043)	(11,933,043)	2,440,000	2,440,000	0	1,845,041	(9,023,342)	(7,178,301)	(1,402,389,724)
7	2017	Apr	(1,417,551,804)	(10,277,337)	(11,933,043)	1,655,706	1,655,706	0	1,115,900	(8,042,544)	(6,926,644)	(1,409,316,368)
8	2017	May	(1,427,819,434)	(10,267,630)	(11,933,043)	1,665,413	1,665,413	0	980,997	(7,029,053)	(6,048,056)	(1,415,364,425)
9	2017	Jun	(1,438,087,065)	(10,267,630)	(11,933,043)	1,665,413	1,665,413	0	844,113	(6,048,255)	(5,204,142)	(1,420,568,566)
10	2017	Jul	(1,448,354,695)	(10,267,630)	(11,933,043)	1,665,413	1,665,413	0	702,667	(5,034,763)	(4,332,096)	(1,424,900,662)
11	2017	Aug	(1,445,492,653)	2,862,042	(11,933,043)	14,795,085	11,933,043	2,862,042	4,021,272	(4,021,272)	2,862,042	(1,422,038,620)
12	2017	Sep	(1,453,797,736)	(8,305,083)	(11,933,043)	3,627,959	3,627,959	0	924,384	(3,040,474)	(2,116,090)	(1,424,154,710)
13	2017	Oct	(1,473,339,518)	(19,541,782)	(11,933,043)	(7,608,740)	0	(7,608,740)	0	(2,026,983)	(9,635,723)	(1,433,790,432)
14	2017	Nov	(1,482,891,751)	(9,552,232)	(11,933,043)	2,380,811	2,380,811	0	208,729	(1,046,185)	(837,456)	(1,434,627,889)
15	2017	Dec	(1,496,581,567)	(13,689,816)	(11,933,043)	(1,756,773)	0	(1,756,773)	0	(32,693)	(1,789,466)	(1,436,417,355)
16	Total Transmission Plant In Service Net of GSU and GI Plant as a Percentage of Total Transmission Plant In Service:											93.76%
17	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1A Only When the Formula Rate Population is to Calculate a True-up ATRR:											(1,290,604,061)
18	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1 Only When the Formula Rate Population is to Calculate a True-up ATRR:											(1,346,819,554)

**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, 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 3 multiplied by line 16.
Col. 12, Line 18	Col. 12, Line 15 multiplied by line 16.

**Attachment 1C (Continued)****2017**

Sheet 2 of 3

**Part 2: Account 282, General Plant**

Columns 3 through 12 are in dollars.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Line	Year	Month	Actual General Plant 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	2016	Dec	(65,069,849)									(65,069,849)
2	2017	Jan	(65,320,134)	(250,285)	0	(250,285)	0	(250,285)	0	0	(250,285)	(65,320,134)
3	2017	Feb	(65,570,420)	(250,286)	0	(250,286)	0	(250,286)	0	0	(250,286)	(65,570,420)
4	2017	Mar	(65,756,314)	(185,894)	0	(185,894)	0	(185,894)	0	0	(185,894)	(65,756,314)
5	2017	Apr	(66,003,336)	(247,023)	0	(247,023)	0	(247,023)	0	0	(247,023)	(66,003,336)
6	2017	May	(66,212,584)	(209,248)	0	(209,248)	0	(209,248)	0	0	(209,248)	(66,212,584)
7	2017	Jun	(66,421,832)	(209,248)	0	(209,248)	0	(209,248)	0	0	(209,248)	(66,421,832)
8	2017	Jul	(66,631,079)	(209,248)	0	(209,248)	0	(209,248)	0	0	(209,248)	(66,631,079)
9	2017	Aug	(68,272,387)	(1,641,307)	0	(1,641,307)	0	(1,641,307)	0	0	(1,641,307)	(68,272,387)
10	2017	Sep	(71,963,479)	(3,691,093)	0	(3,691,093)	0	(3,691,093)	0	0	(3,691,093)	(71,963,479)
11	2017	Oct	(71,567,344)	396,135	0	396,135	0	396,135	0	0	396,135	(71,567,344)
12	2017	Nov	(71,728,154)	(160,810)	0	(160,810)	0	(160,810)	0	0	(160,810)	(71,728,154)
13	2017	Dec	(66,388,501)	5,339,653	0	5,339,653	0	5,339,653	0	0	5,339,653	(66,388,501)

14 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1A Only When the Formula Rate Population is to Calculate a True-up ATRR: (65,069,849)

15 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1 Only When the Formula Rate Population is to Calculate a True-up ATRR: (66,388,501)

**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 14	Amount from col. 12, line 1.
Col. 12, Line 15	Amount from col. 12, line 13.

**Attachment 1C (Continued)****2017**

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)
			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
Line	Year	Month										
1	2016	Dec	33,111,399									33,111,399
2	2017	Jan	33,918,538	807,139	0	807,139	0	807,139	0	0	807,139	33,918,538
3	2017	Feb	34,712,911	794,373	0	794,373	0	794,373	0	0	794,373	34,712,911
4	2017	Mar	35,509,776	796,865	0	796,865	0	796,865	0	0	796,865	35,509,776
5	2017	Apr	36,301,832	792,056	0	792,056	0	792,056	0	0	792,056	36,301,832
6	2017	May	37,088,956	787,124	0	787,124	0	787,124	0	0	787,124	37,088,956
7	2017	Jun	37,862,562	773,606	0	773,606	0	773,606	0	0	773,606	37,862,562
8	2017	Jul	38,634,605	772,043	0	772,043	0	772,043	0	0	772,043	38,634,605
9	2017	Aug	39,415,558	780,953	0	780,953	0	780,953	0	0	780,953	39,415,558
10	2017	Sep	40,003,745	588,187	0	588,187	0	588,187	0	0	588,187	40,003,745
11	2017	Oct	40,865,557	861,812	0	861,812	0	861,812	0	0	861,812	40,865,557
12	2017	Nov	41,695,887	830,330	0	830,330	0	830,330	0	0	830,330	41,695,887
13	2017	Dec	42,540,884	844,997	0	844,997	0	844,997	0	0	844,997	42,540,884

14 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1A Only When the Formula Rate Population is to Calculate a True-up ATRR: 33,111,399

15 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1 Only When the Formula Rate Population is to Calculate a True-up ATRR: 42,540,884

**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)
			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
Line	Year	Month										
1	2016	Dec	(58,319,778)									(58,319,778)
2	2017	Jan	(75,948,208)	(17,628,430)	0	(17,628,430)	0	(17,628,430)	0	0	(17,628,430)	(75,948,208)
3	2017	Feb	(76,269,185)	(320,977)	0	(320,977)	0	(320,977)	0	0	(320,977)	(76,269,185)
4	2017	Mar	(76,590,162)	(320,977)	0	(320,977)	0	(320,977)	0	0	(320,977)	(76,590,162)
5	2017	Apr	(76,911,139)	(320,977)	0	(320,977)	0	(320,977)	0	0	(320,977)	(76,911,139)
6	2017	May	(77,232,116)	(320,977)	0	(320,977)	0	(320,977)	0	0	(320,977)	(77,232,116)
7	2017	Jun	(77,553,093)	(320,977)	0	(320,977)	0	(320,977)	0	0	(320,977)	(77,553,093)
8	2017	Jul	(77,874,070)	(320,977)	0	(320,977)	0	(320,977)	0	0	(320,977)	(77,874,070)
9	2017	Aug	(78,755,239)	(881,169)	0	(881,169)	0	(881,169)	0	0	(881,169)	(78,755,239)
10	2017	Sep	(57,168,657)	21,586,582	0	21,586,582	0	21,586,582	0	0	21,586,582	(57,168,657)
11	2017	Oct	(57,620,724)	(452,067)	0	(452,067)	0	(452,067)	0	0	(452,067)	(57,620,724)
12	2017	Nov	(57,954,810)	(334,086)	0	(334,086)	0	(334,086)	0	0	(334,086)	(57,954,810)
13	2017	Dec	(58,319,778)	(364,968)	0	(364,968)	0	(364,968)	0	0	(364,968)	(58,319,778)

14 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1A Only When the Formula Rate Population is to Calculate a True-up ATRR: (58,319,778)

15 Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1 Only When the Formula Rate Population is to Calculate a True-up ATRR: (58,319,778)



## Virginia Electric and Power Company

## ATTACHMENT H-16A

## Attachment 1C - 2014

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

Applicable Only to the True-up of 2014

If the formula rate population is for determining the 2014 true-up ATRR for use on Line A of Attachment 6, populate this Attachment 1C - 2014 with the actual data associated with that year. Use the amounts from lines 17 and 18 of Part 1, and lines 14 and 15 of Parts 2, 3, and 4, in populating Attachment 1 and Attachment 1A as instructed in this Attachment 1C - 2014.

Sheet 1 of 4

Line 1 True-up Year: 2014  
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).

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Line	Year	Month	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	2013	Dec										-
4	2014	Jan		-		-	-	-	-		-	-
5	2014	Feb		-		-	-	-	-		-	-
6	2014	Mar		-		-	-	-	-		-	-
7	2014	Apr		-		-	-	-	-		-	-
8	2014	May		-		-	-	-	-		-	-
9	2014	Jun		-		-	-	-	-		-	-
10	2014	Jul		-		-	-	-	-		-	-
11	2014	Aug		-		-	-	-	-		-	-
12	2014	Sep		-		-	-	-	-		-	-
13	2014	Oct		-		-	-	-	-		-	-
14	2014	Nov		-		-	-	-	-		-	-
15	2014	Dec		-		-	-	-	-		-	-
15a	Pre-change -- Average of Actual ADIT Balance from Col. 3, December 2013 and April 2014											-
15b	4 Months Divided by 12 Months											33.33%
15c	Component of Average ADIT Balance Attributable to January Through April (15a X 15b)											-
15d	Post-change -- Average of ADIT Balances for True-up from Col. 12, April 2014 and December 2014											-
15e	8 Months Divided by 12 Months											66.67%
15f	Component of Average ADIT Balance Attributable to May Through December (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:											
17	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1A Only When the Formula Rate Population is to Calculate the 2014 True-up ATRR:											-
18	Amount to be Entered (in thousands) in Column D of the Account 282 Section of Attachment 1 Only When the Formula Rate Population is to Calculate the 2014 True-up ATRR:											-

**Explanations:**

Col. 3	Actual Account 282 month-end ADIT (excludes cost of removal).	Col. 11	The sum of col. 8, col. 9, and col. 10.
Col. 4	Monthly change in ADIT balance.	Col. 12, Line 3	Amount from col. 3, line 3.
Col. 6	Col. 4 minus col. 5	Col. 12, Lines 4-15	Col. 12 of previous month plus col. 11 of current month.
Col. 7	The portion of the amount in col. 6 included in original projection but not realized.	Col. 12, Line 16	Appendix A, Line 24 ÷ Appendix A, Line 21 (from the true-up population of the formula)
Col. 8	The portion of the amount in col. 6 not included in original projection.	Col. 12, Line 17	Col. 12, Line 15g multiplied by line 16.
Col. 9	The amount in col. 7 multiplied by the ratio from col. 6 of Attachment 1B, Part 1.	Col. 12, Line 18	Col. 12, Line 15g multiplied by line 16.

**Attachment 1C - 2014 (Continued)****2014**

Sheet 2 of 4

**Part 2: Account 282, General Plant**

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

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
			Actual General Plant 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										
1	2013	Dec										-
2	2014	Jan		-		-	-	-	-		-	-
3	2014	Feb		-		-	-	-	-		-	-
4	2014	Mar		-		-	-	-	-		-	-
5	2014	Apr		-		-	-	-	-		-	-
6	2014	May		-		-	-	-	-		-	-
7	2014	Jun		-		-	-	-	-		-	-
8	2014	Jul		-		-	-	-	-		-	-
9	2014	Aug		-		-	-	-	-		-	-
10	2014	Sep		-		-	-	-	-		-	-
11	2014	Oct		-		-	-	-	-		-	-
12	2014	Nov		-		-	-	-	-		-	-
13	2014	Dec		-		-	-	-	-		-	-
13a									Pre-change -- Average of Actual ADIT Balance from Col. 3, December 2013 and April 2014			-
13b									4 Months Divided by 12 Months			33.33%
13c									Component of Average ADIT Balance Attributable to January Through April (13a X 13b)			-
13d									Post-change -- Average of ADIT Balances for True-up from Col. 12, April 2014 and December 2014			-
13e									8 Months Divided by 12 Months			66.67%
13f									Component of Average ADIT Balance Attributable to May Through December (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 Attachment 1A Only When the Formula Rate Population is to Calculate the 2014 True-up ATRR:											-
15	Amount to be Entered (in thousands) in Column F of the Account 282 Section of Attachment 1 Only When the Formula Rate Population is to Calculate the 2014 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 14	Amount from col. 12, line 13g.
Col. 12, Line 15	Amount from col. 12, line 13g.

### 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.

[illegible]

[illegible]

**Virginia Electric and Power Company**  
**ATTACHMENT H-16A**  
**Attachment 2 - Taxes Other Than Income Worksheet**  
**2017 (000's)**

<i>Other Taxes</i>	<i>Page 263</i> <i>Col (i)</i>	<i>Allocator</i>	<i>Allocated Amount</i>
<b>Plant Related</b>	<b>Gross Plant Allocator</b>		
1 Transmission Personal Property Tax (directly assigned to Transmission)	\$ 46,716	100.0000%	\$ 46,716
1a Other Plant Related Taxes	0	20.5223%	-
2			-
3			-
4			-
5			-
<b>Total Plant Related</b>	<b>\$ 46,716</b>		<b>\$ 46,716</b>
<b>Labor Related</b>	<b>Wages &amp; Salary Allocator</b>		
6 Federal FICA & Unemployment & State Unemployment	\$ 42,373		
<b>Total Labor Related</b>	<b>\$ 42,373</b>	<b>8.0703%</b>	<b>\$ 3,420</b>
<b>Other Included</b>	<b>Gross Plant Allocator</b>		
7 Sales and Use Tax	\$ 73		
<b>Total Other Included</b>	<b>\$ 73</b>	<b>20.5223%</b>	<b>\$ 15</b>
<b>Total Included</b>	<b>\$ 89,162</b>		<b>\$ 50,151</b>
<b>Currently Excluded</b>			
8 Business and Occupation Tax - West Virginia	\$ 20,644		
9 Gross Receipts Tax	0		
10 IFTA Fuel Tax	7		
11 Property Taxes - Other	160,890		
12 Property Taxes - Generator Step-Ups and Interconnects	2,901		
13 Sales and Use Tax - not allocated to Transmission	3,308		
14 Sales and Use Tax - Retail	956		
15 Other	502		
16	0		
17	0		
18	0		
19	0		
20	0		
21 Total "Other" Taxes (included on p. 263)	\$ 189,208		
22 Total "Taxes Other Than Income Taxes" - acct 408.10 (p. 114.14)	<u>\$ 278,371</u>		
23 Difference	\$ (89,162)		

## 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**  
**2017 (000's)**

**Directly Assigned Property Taxes**                      \$            210,508

Production Property Tax	82,292
Transmission Property Tax	46,584
GSU/Interconnect Facilities	2,901
Distribution Property tax	77,091
General Property Tax	1,640
Total check	210,508

**Allocation of General Property Tax to Transmission**

General Property Tax	\$	1,640
Wages & Salary Allocator		8.0703%
Trans General		132

<b><u>Total Transmission Property Taxes</u></b>		
Transmission	\$	46,584
General		132
Total Transmission Property Taxes	\$	46,716

**Virginia Electric and Power Company**  
**ATTACHMENT H-16A**  
**Attachment 3 - Revenue Credit Workpaper**  
**2017 (000's)**

		Transmission Related	Production/Other Related	Total
<b>Account 454 - Rent from Electric Property</b>				
1	Rent from Electric Property - Transmission Related (Note 3)	26,252	(19,991)	6,261
2	Total Rent Revenues (Sum Lines 1)	26,252	(19,991)	6,261
<b>Account 456 - Other Electric Revenues (Note 1)</b>				
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)	1,853	150,668	152,521
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)	3,839	54,675	58,514
9	Revenues from Directly Assigned Transmission Facility Charges (Note 2)	2,605	(2,883)	(277)
10	Rent or Attachment Fees associated with Transmission Facilities (Note 3)			-
11	Gross Revenue Credits (Accounts 454 and 456) (Sum Lines 2-10)	34,549	182,469	217,018
12	Less line 14g	(17,017)	(17,342)	(34,359)
13	Total Revenue Credits	17,532	165,127	182,659
<b>Revenue Adjustment to Determine Revenue Credit</b>				
14a	Revenues included in lines 1-11 which are subject to 50/50 sharing. (Lines 1 + 8 + 10)	30,091	34,683	64,775
14b	Costs associated with revenues in line 14a	3,943	-	3,943
14c	Net Revenues (14a - 14b)	26,148	34,683	60,832
14d	50% Share of Net Revenues (14c / 2)	13,074	17,342	30,416
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)	13,074	17,342	30,416
14g	Line 14f less line 14a	(17,017)	(17,342)	(34,359)

**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.

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**  
**2017 (000's)**

A	Return and Taxes with Basis Point increase in ROE	Basis Point increase in ROE and Income Taxes	(Line 130 + 140)	655,674	
B	100 Basis Point increase in ROE	(Note J from Appendix A)	Fixed	1.00%	
Return Calculation					
Line Ref.	62	Rate Base excluding Acquisition Adjustments Amount and Associated ADIT	Appendix A	(Line 44 + 61 - 60C - 45A)	5,109,465
		Long Term Interest			
104		Long Term Interest		p117.62c through 67c	511,009
105		Less LTD Interest on Securitization (Note P)		Attachment 8	0
106		Long Term Interest		(Line 104 - 105)	511,009
107	Preferred Dividends	enter positive		p118.29c	0
	Common Stock				
108		Proprietary Capital		p112.16c,d/2	12,044,332
109		Less Preferred Stock	enter negative	(Line 117)	0
110		Less Account 219 - Accumulated Other Comprehensive Income	enter negative	p112.15c,d/2	-54,340
111		Common Stock		(Sum Lines 108 to 110)	11,989,992
	Capitalization				
112		Long Term Debt		p112.24c,d/2	11,005,768
113		Less Loss on Reacquired Debt	enter negative	p111.81c,d/2	-1,869
114		Plus Gain on Reacquired Debt	enter positive	p113.61c,d/2	3,294
		Less LTD on Securitization Bonds	enter negative	Attachment 8	0
115		Total Long Term Debt		(Sum Lines 112 to 115)	11,007,193
116		Preferred Stock		p112.3c,d/2	0
117		Common Stock		(Line 111)	11,989,992
118		Total Capitalization		(Sum Lines 116 to 118)	22,997,186
119					
120		Debt %	Total Long Term Debt	(Line 116 / 119)	47.9%
121		Preferred %	Preferred Stock	(Line 117 / 119)	0.0%
122		Common %	Common Stock	(Line 118 / 119)	52.1%
123		Debt Cost	Total Long Term Debt	(Line 106 / 116)	0.0464
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)	0.0222
127		Weighted Cost of Preferred	Preferred Stock	(Line 121 * 124)	0.0000
128		Weighted Cost of Common	Common Stock	(Line 122 * 125)	0.0646
129	Total Return ( R )			(Sum Lines 126 to 128)	0.0869
130	Investment Return = Rate Base * Rate of Return			(Line 62 * 129)	443,860
Composite Income Taxes					
	Income Tax Rates				
131		FIT=Federal Income Tax Rate			0.3500
132		SIT=State Income Tax Rate or Composite			0.0587
133		p = percent of federal income tax deductible for state purposes		Per State Tax Code	0.0000
134		T	$T = 1 - (((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p)) =$		0.3882
135		T / (1-T)			0.6344
	Transmission Related Income Tax Adjustments				
136	Amortized Investment Tax Credit (ITC)	(Note I) enter negative	Attachment 1		\$(136)
136A	Other Income Tax Adjustments		Attachment 5		\$1,517
137	T/(1-T)		(Line 135)		63.44%
138	Transmission Income Taxes - Income Tax Adjustments			((Line 136 + 136A) * (1 + Line 137))	\$2,258
139	Transmission Income Taxes - Equity Return =	$CIT = (T / (1 - T)) * Investment\ Return * (1 - (WCLTD / R)) =$		[Line 135 * 130 * (1 - (126 / 129))]	209,557
140	Total Transmission Income Taxes			(Line 138 + 139)	211,815



<sup>a</sup> based on plant records.

Transmission / Non-Transmission Cost Support

## Regulatory Expense Related to Transmission Cost Support

Line #s	Descriptions	Notes	Page #s & Instructions	Form 1 Amount	Transmission Related	Non-transmission Related	Details
71	Allocated General & Common Expenses Less Regulatory Commission E.g. Account 028 Directly Assigned AMG	(Note E)	p.023.1.BRMAttachment 5	\$ 32,006	245	32,560	See FERC Form 1 Pages 350-351.
77	Regulatory Commission E.g. Account 028	(Note G)	p.023.1.BRMAttachment 5		245		

## Safety Related Advertising Cost Support

Security Incident Event Summary - Case # 123456789					
Case ID	Description	Status	Page # & Instructions	Details	
81	Directly Assigned AIG	None (F)	Attachment 5	Form 1 Amount	Non-safety Related
	Control Adversity Use Account 930.1			4,497	4,499

## Multi State Workpaper

Line #	Description	Notes	Paid Pk's & Instructions	Status 1	Status 2	Status 3	Status 4	Status 5	Details
	Incomes Tax Rates								
132	SIT-STATE Income Tax Rate or Computed	(Rate 0)		Va	NC	Wa			Enter Calculation 5.87%

## Education and Out Reach Cost Support

Line It.	Descriptions	Status	Page # & Instructions	Form Amount	Education & Outreach	Other	Details
	Directly Assigned AMG						
78	General Admission Fee-Account 930.1	None (X)	02/21/1978	4,491		4,491	Incoming public school Admission operations - including service graph

Excluded Plant Cost Support

State or Jurisdiction	Page #s & Instructions	Notes	0	Description of the Facilities
	Adjustment to Remove Revenue Requirements Associated with Excluded Transmission Facilities		0	General Description of the Facilities
Instructions:				
1. Remove all direct costs <i>other</i> than 69 kV or greater step-up transformers included in transmission part in worksheet.				
2. If unable to determine the investment below 69kV in a substation with investment of 69 kV and higher as well as below 69kV, this following formula will be used:				
<b>Example</b>				
A. Total investment in substation		1,000,000		
B. Identifiable investment in transmission (proceed workshops)		500,000		
C. Identifiable investment in distribution (grounds, workshop)		400,000		
D. Amount to be included (A - C) (B + C)		444,444		

## Transmission Related Account 242 Reserves

Line No.	Descriptions	Notes	Page No. & Instructions	Beginning Year Balance	End of Year Balance	Average Balance	Allocation	Transmission Related Amount	Details
47	Transmission Related Account 2B Reserves (exclude current year environmental rate related in reserve)				Enter \$	Enter \$			
	Directly Allocated to Transmission			\$ 16,995	\$ 14,934	\$ 15,964	100%	15,964	
	Later Related			\$ 573	\$ 966	\$ 765	8.070%	62	
	Later Related, General plant related or Common Plant related			\$ 5,633	\$ 5,404	\$ 5,418	20.526%	1,112	
	Plant Related			\$ 163,261	\$ 113,203	\$ 143,265	0.00%		
	Total Transmission Related Reserves							17,138	To page 47

## Principals' comments

[illegible]

Outstanding Network Credits Cost Support

Line #	Description	Name	Page # & Instructions	Beginning Year Balance	End of Year Balance	Average Balance	Description of the Credits
	Network Credits						
58	Outstanding Network Credits	(Item V)	From P.M.	\$ -	\$ -	\$ -	General Description of the Credits
59	Less Accumulated Depreciation Associated with Existing/Outstanding Network Credits	(Item V)	From P.M.	\$ -	\$ -	\$ -	None
							Add more lines if necessary

Line #s		Amount	# of Years	Amortization	Wholistic	Page #s & Instructions	
89		\$					
Interest on Outstanding Network Credits Cost Support							
Line #s		Amount	# of Years	Amortization	Wholistic	Page #s & Instructions	
100		0					
Facility Credits under Section 30.9 of the PJM OATT							
Line #s		Amount	# of Years	Amortization	Wholistic	Page #s & Instructions	
105		2,963					
Facility Credits under Section 30.9 of the PJM OATT							
PJM Load Cost Support							
Line #s		Amount	# of Years	Amortization	Wholistic	Page #s & Instructions	
109		19,938.1					
Interest on Long-Term Debt							
Line #s		Amount	# of Years	Amortization	Wholistic	Page #s & Instructions	
104		513,933					
Interest on Long-Term Debt							
Income Tax Adjustments							
Line #s		Amount	# of Years	Amortization	Wholistic	Page #s & Instructions	
136A		346,606					
47A		346,606					
Interest on Long-Term Debt							
Line #s		Amount	# of Years	Amortization	Wholistic	Page #s & Instructions	
104		513,933					
Interest on Long-Term Debt							
Income Tax Adjustments							
Line #s		Amount	# of Years	Amortization	Wholistic	Page #s & Instructions	
136A		346,606					
47A		346,606					
Interest on Long-Term Debt							
Line #s		Amount	# of Years	Amortization	Wholistic	Page #s & Instructions	
104		513,933					
Interest on Long-Term Debt							
Income Tax Adjustments							
Line #s		Amount	# of Years	Amortization	Wholistic	Page #s & Instructions	
104		513,933					
Interest on Long-Term Debt							
Income Tax Adjustments							
Line #s		Amount	# of Years	Amortization	Wholistic	Page #s & Instructions	
104		513,933					
Interest on Long-Term Debt							
Income Tax Adjustments							
Line #s		Amount	# of Years	Amortization	Wholistic	Page #s & Instructions	
104		513,933					
Interest on Long-Term Debt							
Income Tax Adjustments							
Line #s		Amount	# of Years	Amortization	Wholistic	Page #s & Instructions	
104		513,933					
Interest on Long-Term Debt							
Income Tax Adjustments							
Line #s		Amount	# of Years	Amortization	Wholistic	Page #s & Instructions	
104		513,933					
Interest on Long							

[illegible]

**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:<sup>1</sup>

- (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.<sup>2</sup>
- (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

<sup>1</sup> 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.

<sup>2</sup> 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.	966,221.64
B	ATRR based on projected costs included for the previous calendar year but excludes the true-up adjustment.	953,288.51
C	Difference (A-B)	12,933
D	Future Value Factor $(1+i)^{24}$	1.00000
E	True-up Adjustment $(C*D)$	12,933

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:<sup>1</sup>

- (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.<sup>2</sup>
- (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

<sup>1</sup> 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.

<sup>2</sup> 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)

These Three Columns are Repeated to Provide Line Number References on All Pages														
10			Project B				Project B-1				Project E			
11 Schedule 12	(Yes or No)	Yes	b0222	Install 150 MVAR capacitor at Loudoun		Yes	b0222	Install 150 MVAR capacitor at Loudoun - Replacement of Circuit Breaker		Yes	B0226	Install 500/230 KV transformer at Clifton and Clifton 500 KV 150 MVAR capacitor		
12 Life		40				40				40				
13 FCR W/O incentive	Line 3	12.2242%				12.2242%				12.2242%				
14 Incentive Factor (Basis Points /100)		0				0				0				
15 FCR W incentive L13 +(L14*L5)		12.2242%				12.2242%				12.2242%				
16 Investment		1,079,975				591,996				7,624,974				
17 Annual Depreciation Exp		26,999				14,800				190,624				
18 In Service Month (1-12)		9				4				8				
		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
19														
20 W / O incentive	2006	1,079,975	6,176	1,073,799										
21 W incentive	2006	1,079,975	6,176	1,073,799										
22 W / O incentive	2007	1,073,799	21,176	1,052,623						7,624,974	56,066	7,568,908		
23 W incentive	2007	1,073,799	21,176	1,052,623						7,624,974	56,066	7,568,908		
24 W / O incentive	2008	1,052,623	21,176	1,031,447						7,568,908	149,509	7,419,399		
25 W incentive	2008	1,052,623	21,176	1,031,447						7,568,908	149,509	7,419,399		
26 W / O incentive	2009	1,031,447	21,176	1,010,271						7,419,399	149,509	7,269,889		
27 W incentive	2009	1,031,447	21,176	1,010,271						7,419,399	149,509	7,269,889		
28 W / O incentive	2010	1,010,271	21,176	989,095						7,269,889	149,509	7,120,380		
29 W incentive	2010	1,010,271	21,176	989,095						7,269,889	149,509	7,120,380		
30 W / O incentive	2011	989,095	21,176	967,919						7,120,380	149,509	6,970,871		
31 W incentive	2011	989,095	21,176	967,919						7,120,380	149,509	6,970,871		
32 W / O incentive	2012	967,919	21,176	946,743						6,970,871	149,509	6,821,362		
33 W incentive	2012	967,919	21,176	946,743						6,970,871	149,509	6,821,362		
34 W / O incentive	2013	946,743	24,131	922,612		591,996	9,752	582,244		6,821,362	170,371	6,650,990		
35 W incentive	2013	946,743	24,131	922,612		591,996	9,752	582,244		6,821,362	170,371	6,650,990		
36 W / O incentive	2014	922,612	25,116	897,496		582,244	13,767	568,477		6,650,990	177,325	6,473,666		
37 W incentive	2014	922,612	25,116	897,496		582,244	13,767	568,477		6,650,990	177,325	6,473,666		
38 W / O incentive	2015	897,496	25,116	872,381		568,477	13,767	554,709		6,473,666	177,325	6,296,341		
39 W incentive	2015	897,496	25,116	872,381		568,477	13,767	554,709		6,473,666	177,325	6,296,341		
40 W / O incentive	2016	872,381	25,116	847,265		554,709	13,767	540,942		6,296,341	177,325	6,119,016		
41 W incentive	2016	872,381	25,116	847,265		554,709	13,767	540,942		6,296,341	177,325	6,119,016		
42 W / O incentive	2017	847,265	26,999	820,266	128,921	540,942	14,800	526,142	80,021	6,119,016	190,624	5,928,391	926,976	
43 W incentive	2017	847,265	26,999	820,266	128,921	540,942	14,800	526,142	80,021	6,119,016	190,624	5,928,391	926,976	
44														
45														
46														
47														
48														
49														
50														
51														
52														
53														
54														
55														
A Proj Rev Req w/o Incentive PCY*					128,328					79,713			977,628	
B Proj Rev Req w/ Incentive PCY*					128,328					79,713			977,628	
C Actual Rev Req w/o Incentive PCY*					128,921					80,021			926,976	
D Actual Rev Req w/ Incentive PCY*					128,921					80,021			926,976	
E TUA w/o Int w/o Incentive PCY (C-A)					593					309			(50,653)	
F TUA w/o Int w/ Incentive PCY (B-D)					593					309			(50,653)	
G Future Value Factor (1+Y)^24 mo (ATT6)					1.00000					1.00000			1.00000	
H True-Up Adjustment w/o Incentive (E*G)					593					309			(50,653)	
I True-Up Adjustment w/ Incentive (F*G)					593					309			(50,653)	
TUA = True-Up Adjustment														
PCY = Previous Calendar Year														
W / O incentive														
W incentive														

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

10	Project E-1							Project G-1				Project G-1A			
11	Schedule 12	(Yes or No)	Yes	B0226				Yes	B0403			Yes	B0403		
12	Life		40	Install 500/230 kV transformer at				40	2nd Dooms 500/230 kV transformer			40	2nd Dooms 500/230 kV transformer		
13	FCR W/O Incentive	Line 3	12.2242%	Clifton and Clifton 500 kV 150 MVAR				12.2242%	addition			12.2242%	addition		
14	Incentive Factor (Basis Points /100)		0	capacitor				0				0			
15	FCR W Incentive L 13 w/L 14(L15)		12.2242%					12.2242%				12.2242%			
16	Investment		914.051					6,810.242				516.125			
17	Annual Depreciation Exp		22.851					170.256				12.903			
18	In Service Month (1-12)		10					11				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						6,810.242	16.692	6,793.550					
23	W Incentive	2007						6,810.242	16.692	6,793.550					
24	W / O Incentive	2008						6,793.550	133.534	6,660.016					
25	W Incentive	2008						6,793.550	133.534	6,660.016					
26	W / O Incentive	2009						6,660.016	133.534	6,526.482					
27	W Incentive	2009						6,660.016	133.534	6,526.482					
28	W / O Incentive	2010						6,526.482	133.534	6,392.948					
29	W Incentive	2010						6,526.482	133.534	6,392.948					
30	W / O Incentive	2011						6,392.948	133.534	6,259.414					
31	W Incentive	2011						6,392.948	133.534	6,259.414					
32	W / O Incentive	2012						6,259.414	133.534	6,125.879					
33	W Incentive	2012						6,259.414	133.534	6,125.879					
34	W / O Incentive	2013						6,125.879	152.167	5,973.713					
35	W Incentive	2013						6,125.879	152.167	5,973.713					
36	W / O Incentive	2014						5,973.713	158.378	5,815.335					
37	W Incentive	2014						5,973.713	158.378	5,815.335					
38	W / O Incentive	2015						5,815.335	158.378	5,656.957					
39	W Incentive	2015						5,815.335	158.378	5,656.957					
40	W / O Incentive	2016		914.051	4,429	909.622		5,656.957	158.378	5,498.579		516.125	8.502	507.623	
41	W Incentive	2016		914.051	4,429	909.622		5,656.957	158.378	5,498.579		516.125	8.502	507.623	
42	W / O Incentive	2017		909.622	22.851	886.771	132.649	5,498.579	170.256	5,328.323	832.009	507.623	12.903	494.720	74.167
43	W Incentive	2017		909.622	22.851	886.771	132.649	5,498.579	170.256	5,328.323	832.009	507.623	12.903	494.720	74.167
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A Proj Rev Req w/o Incentive PCY*						-					871.792			-	
B Proj Rev Req w/ Incentive PCY*						-					871.792			-	
C Actual Rev Req w/o Incentive PCY*						132.649					832.009			74.167	
D Actual Rev Req w/ Incentive PCY*						132.649					832.009			74.167	
E TUA w/o Int w/o Incentive PCY (C-A)						132.649					(39.783)			74.167	
F TUA w/o Int w/ Incentive PCY (B-D)						132.649					(39.783)			74.167	
G Future Value Factor (1+1/24 mo (ATTE))						1.00000					1.00000			1.00000	
H True-Up Adjustment w/o Incentive (E-G)						132.649					(39.783)			74.167	
I True-Up Adjustment w/ Incentive (F-G)						132.649					(39.783)			74.167	
TUA = True-Up Adjustment															
PCY = Previous Calendar Year															
W / O Incentive															
W Incentive															



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10														
11	Schedule 12	(Yes or No)	Project G-2				Project G-2A				Project H-1			
12	Life		Yes	B0403	2nd Dooms 500/230 kV transformer		Yes	B0403	2nd Dooms 500/230 kV transformer		Yes	b0328.1	Build new Meadowbrook-Loudon 500kV circuit	
13	FCR W/O incentive	Line 3	12.2242%		addition		12.2242%		addition		12.2242%	30 (of 50 miles)		
14	Incentive Factor (Basis Points /100)		0				0				1.5			
15	FCR W incentive L 13 -w/L 14(L15)		12.2242%		Spare Transformer Addition		12.2242%		Spare Transformer Addition		13.2553%	line 2101 v11		
16	Investment		2,245,293				257,907				21,850,320			
17	Annual Depreciation Exp		56,132				6,448				546,258			
18	In Service Month (1-12)		4				4				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	2,245,293	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	281,932	253,659	6,448	247,211	37,061	18,320,276	546,258	17,774,018	2,752,382
43	W incentive	2017	1,875,216	56,132	1,819,083	281,932	253,659	6,448	247,211	37,061	18,320,276	546,258	17,774,018	2,538,461
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A Proj Rev Req w/o Incentive PCY**						301,660				-				2,738,958
B Proj Rev Req w/ Incentive PCY**						301,660				-				2,929,378
C Actual Rev Req w/o Incentive PCY*						281,932				37,061				2,752,382
D Actual Rev Req w/ Incentive PCY**						281,932				37,061				2,938,461
E TUA w/o Int w/o Incentive PCY (C-A)						(19,728)				37,061				13,424
F TUA w/o Int w/ Incentive PCY (B-D)						(19,728)				37,061				9,083
G Future Value Factor (1+I)^24 mo (ATTE)						1,00000				37,061				1,00000
H True-Up Adjustment w/o Incentive (E-G)						(19,728)				37,061				13,424
I True-Up Adjustment w/ Incentive (F-G)						(19,728)				37,061				9,083
TUA = True-Up Adjustment														
PCY = Previous Calendar Year														
W / O incentive														
W incentive														

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10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
Project H-2															
Schedule 12 (Yes or No)		Yes	b0328.1	40	Build new Meadowbrook-Loudoun 500kV circuit (30 of 50 miles)	Yes	b0328.1	40	Build new Meadowbrook-Loudoun 500kV circuit (30 of 50 miles)	Yes	b0328.1	40	Build new Meadowbrook-Loudoun 500kV circuit (30 of 50 miles)		
FCR W/O Incentive Line 3		12.2242%				12.2242%				12.2242%					
Incentive Factor (Blais Points /100)		1.5				1.5				1.5					
FCR W Incentive L 13 w/L 14(L15)		13.2653%			Line 2030 & 559 v12 & v13	13.2653%			Line 580 - Phase 1	13.2653%			Line 124		
Investment		45,089,209				13,581,000				11,224,282					
Annual Depreciation Exp		1,127,230				339,525				280,607					
In Service Month (1-12)		12				7				4					
Project H-3															
Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
2006				2006				2006				2006			
2007				2007				2007				2007			
2008				2008				2008				2008			
2009				2009				2009				2009			
2010				2010				2010				2010			
2011				2011				2011				2011			
2012				2012				2012				2012			
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2014				2014				2014				2014			
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2021				2021				2021				2021			
2022				2022				2022				2022			
2023				2023				2023				2023			
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2027				2027				2027				2027			
2028				2028				2028				2028			
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2030				2030				2030				2030		</	

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Line Number  
References on All Pages

10		Project H-5				Project H-6				Project H-7			
11	Schedule 12 (Yes or No)	Yes	b0328.1	40	Build new Meadowbrook-Loudoun 500kV circuit (30 of 50 miles)	Yes	b0328.1	40	Build new Meadowbrook-Loudoun 500kV circuit (30 of 50 miles)	Yes	b0328.1	40	Build new Meadowbrook-Loudoun 500kV circuit (30 of 50 miles)
12	FCR W/O incentive	12.2242%	1.5	Line 3	12.2242%	1.5	Line 3	12.2242%	1.5	12.2242%	1.5	Line 3	12.2242%
13	FCR W/O incentive (Basic Points /100)	13.2533%	1.5	Line 114	13.2533%	1.5	Cleveland DP/580	13.2533%	1.5	13.2533%	1.5	Line 580 - Phase 2	13.2533%
14	Investment	14,655,559			16,900,800			16,900,800		11,362,770			11,362,770
16	Annual Depreciation Exp	366,389			422,520			422,520		284,069			284,069
18	In Service Month (1-12)	6			9			9		12			12
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive												
21	W / O incentive												
22	W / O incentive												
23	W / O incentive												
24	W / O incentive												
25	W / O incentive												
26	W / O incentive												
27	W / O incentive												
28	W / O incentive	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 / O incentive	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	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 / O incentive	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	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 / O incentive	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	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 / O incentive	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	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 / O incentive	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	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 / O incentive	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	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 / O incentive	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	12,575,234	366,389	12,208,845	1,881,220	14,584,615	422,520	14,162,095	2,178,552	9,861,249	284,069	9,577,180	1,472,168
43	W / O incentive	12,575,234	366,389	12,208,845	2,008,991	14,584,615	422,520	14,162,095	2,327,751	9,861,249	284,069	9,577,180	1,572,380
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A Proj Rev Req w/o Incentive PCY*					1,872,572						2,169,681	1,465,601	
B Proj Rev Req w/ Incentive PCY*					2,003,320						2,321,333	1,568,147	
C Actual Rev Req w/o Incentive PCY*					1,881,220						2,179,552	1,472,168	
D Actual Rev Req w/ Incentive PCY*					2,008,991						2,327,751	1,572,380	
E TUA w/o Int w/o Incentive PCY (C-A)					8,648						9,871	6,567	
F TUA w/o Int w/ Incentive PCY (B-D)					5,671						6,418	4,233	
G Future Value Factor (1+1/24 mo (ATTE))					1,00000						1,00000	1,00000	
H True-Up Adjustment w/o Incentive (E*G)					8,648						9,871	6,567	
I True-Up Adjustment w/ Incentive (F*G)					5,671						6,418	4,233	
TUA = True-Up Adjustment													
PCY = Previous Calendar Year													
W / O incentive													
W / O incentive													

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10	Project H-10				Project I-1				Project I-2A			
	Yes	b0328.4			Yes	b0329			Yes	b0329		
11 Schedule 12 (Yes or No)	40	Upgrade Loudoun 500 kV Substation			40	Carson-Suffolk 500 kV line +			40	Carson-Suffolk 500 kV line +		
12 Life Line 3	12.2242%				12.2242%	Suffolk 500/230 # 2 transformer +			12.2242%	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		
15 FCR W/O Incentive L.13 + (L.14*L.5)	13.2553%				13.2553%				13.2553%			
16 Investment	3,123,926				2,434,850	Cost associated with below 500 kV elements.			38,926,257	Cost associated with below 500 kV elements.		
17 Annual Depreciation Exp	78,098				60,871				38,926,257			
18 In Service Month (1-12)	5				12				6			
19	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20												
21 W / O Incentive 2006												
22 W / O Incentive 2006												
23 W / O Incentive 2007												
24 W / O Incentive 2007												
25 W / O Incentive 2008												
26 W / O Incentive 2008												
27 W / O Incentive 2009												
28 W / O Incentive 2010												
29 W / O Incentive 2010												
30 W / O Incentive 2011	3,123,926	38,283	3,085,643		2,434,850	1,989	2,432,861		38,926,257	413,432	38,512,825	
31 W / O Incentive 2011	3,123,926	38,283	3,085,643		2,432,861	1,989	2,432,861		38,926,257	413,432	38,512,825	
32 W / O Incentive 2012	3,085,643	61,253	3,024,389		2,432,861	47,742	2,385,119		38,512,825	763,260	37,749,565	
33 W / O Incentive 2012	3,085,643	61,253	3,024,389		2,385,119	47,742	2,337,376		38,512,825	763,260	37,749,565	
34 W / O Incentive 2013	3,024,389	69,800	2,954,589		2,337,376	47,742	2,289,634		37,749,565	869,761	36,879,803	
35 W / O Incentive 2013	3,024,389	69,800	2,954,589		2,289,634	54,404	2,235,230		36,879,803	905,262	35,974,541	
36 W / O Incentive 2014	2,954,589	72,649	2,881,939		2,235,230	56,624	2,178,606		35,974,541	905,262	35,069,280	
37 W / O Incentive 2014	2,954,589	72,649	2,881,939		2,178,606	56,624	2,121,982		35,069,280	905,262	34,164,018	
38 W / O Incentive 2015	2,881,939	72,649	2,809,290		2,121,982	60,871	2,064,486		34,164,018	973,156	33,190,861	
39 W / O Incentive 2015	2,881,939	72,649	2,809,290		2,064,486	60,871	2,004,486		33,190,861	973,156	32,217,705	
40 W / O Incentive 2016	2,809,290	72,649	2,736,640		2,004,486	60,871	1,943,615		32,217,705	973,156	31,244,549	
41 W / O Incentive 2016	2,809,290	72,649	2,736,640		1,943,615	60,871	1,882,744		31			

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10	11	12	13	14	15	16	17	18	Project J				Project K-1			
									Yes	b0512	MAPP Project – Dominion Portion		No	40	Loudoun Bank # 1 transformer replacement	
11	Schedule 12	(Yes or No)	Yes	40	b0329	Carson-Suffolk 500 KV line +	Suffolk 500/230 # 2 transformer +	12,224.2%	1.5	1.5	1.5	1.5	12,224.2%	1.5	1.5	1.5
13	FCR W/O Incentive	Line 3	12,224.2%	1.5	1.5	Suffolk - Thrasher 230KV line	13,253.3%	12,786.365	13,253.3%	12,786.365	13,253.3%	12,786.365	13,253.3%	12,786.365	13,253.3%	12,786.365
14	Incentive Factor (Basic Points /100)	(L-14'L-5)	163,415,144	Cost associated with Regional Facilities	4,085,379	and Necessary Lower Voltage Facilities.	-	319,659	-	319,659	-	319,659	-	319,659	-	319,659
15	FCR W Incentive	Line 3	13,253.3%	1.5	1.5	Suffolk - Thrasher 230KV line	13,253.3%	12,786.365	13,253.3%	12,786.365	13,253.3%	12,786.365	13,253.3%	12,786.365	13,253.3%	12,786.365
16	Investment		163,415,144	Cost associated with Regional Facilities	4,085,379	and Necessary Lower Voltage Facilities.	-	319,659	-	319,659	-	319,659	-	319,659	-	319,659
17	Annual Depreciation Exp		4,085,379	Cost associated with Regional Facilities	4,085,379	and Necessary Lower Voltage Facilities.	-	319,659	-	319,659	-	319,659	-	319,659	-	319,659
18	In Service Month (1-12)		5													
19	20	21	22	23	24	25	26	27	Project J				Project K-1			
									Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O Incentive	2006	163,415,144	2,002,637	161,412,507	-	-	-	163,415,144	2,002,637	161,412,507	-	163,415,144	2,002,637	161,412,507	-
21	W Incentive	2006	163,415,144	2,002,637	161,412,507	-	-	-	163,415,144	2,002,637	161,412,507	-	163,415,144	2,002,637	161,412,507	-
22	W / O Incentive	2007	161,412,507	3,204,219	158,208,289	-	-	-	161,412,507	3,204,219	158,208,289	-	161,412,507	3,204,219	158,208,289	-
23	W Incentive	2007	161,412,507	3,204,219	158,208,289	-	-	-	161,412,507	3,204,219	158,208,289	-	161,412,507	3,204,219	158,208,289	-
24	W / O Incentive	2008	158,208,289	3,651,319	154,556,970	-	-	-	158,208,289	3,651,319	154,556,970	-	158,208,289	3,651,319	154,556,970	-
25	W Incentive	2008	158,208,289	3,651,319	154,556,970	-	-	-	158,208,289	3,651,319	154,556,970	-	158,208,289	3,651,319	154,556,970	-
26	W / O Incentive	2009	154,556,970	150,756,618	150,756,618	-	-	-	154,556,970	150,756,618	150,756,618	-	154,556,970	150,756,618	150,756,618	-
27	W Incentive	2009	154,556,970	150,756,618	150,756,618	-	-	-	154,556,970	150,756,618	150,756,618	-	154,556,970	150,756,618	150,756,618	-
28	W / O Incentive	2010	154,556,970	150,756,618	150,756,618	-	-	-	154,556,970	150,756,618	150,756,618	-	154,556,970	150,756,618	150,756,618	-
29	W Incentive	2010	154,556,970	150,756,618	150,756,618	-	-	-	154,556,970	150,756,618	150,756,618	-	154,556,970	150,756,618	150,756,618</	

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10	Schedule 12 (Yes or No)	Project K-2				Project L-1a				Project L-1b				
		No 40	Loudoun Bank # 2 transformer replacement	No 40	Ox Bank # 1 transformer replacement	No 40	Ox Bank # 1 transformer replacement	No 40	Ox Bank # 2 transformer replacement	No 40	Ox Bank # 1 transformer replacement	No 40	Ox Bank # 2 transformer replacement	
11	12	12.2242%		12.2242%		12.2242%		12.2242%		12.2242%		12.2242%		
12	13	1.5		1.5		1.5		1.5		1.5		1.5		
13	14	13.2553%		13.2553%		13.2553%		13.2553%		13.2553%		13.2553%		
14	15	13.2553%		13.2553%		13.2553%		13.2553%		13.2553%		13.2553%		
15	16	14,388.779		14,388.779		14,388.779		14,388.779		14,388.779		14,388.779		
16	17	359,719		359,719		359,719		359,719		359,719		359,719		
17	18	8		8		8		8		8		8		
18	19	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	
19	20	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
20	21	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
21	22	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
22	23	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
23	24	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
24	25	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
25	26	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
26	27	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
27	28	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
28	29	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
29	30	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
30	31	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
31	32	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
32	33	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
33	34	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
34	35	14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		14,388.779	176,333	14,212,446		
35	36	14,388.779	176,333	14,212,44										

These Three Columns are Repeated to Provide Line Number References on All Pages												
10	Project L-2				Project M				Project N			
11 Schedule 12 (Yes or No)	No	40	Ox Bank # 2 transformer replacement		No	40	Yackin Bank # 2 transformer replacement		No	40	Cannon Bank # 1 transformer replacement	
13 FCR W/O Incentive Line 3	12.2242%				12.2242%				12.2242%			
14 Incentive Factor (Basis Points /100)	1.5				1.5				1.5			
15 FCR W Incentive L 13 -L14-L15	13.2533%				13.2533%				13.2533%			
16 Investment	11,501,538				16,357,858				18,431,682			
17 Annual Depreciation Exp	287,538				408,946				460,792			
18 In Service Month (1-12)	3				6				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	11,501,538	178,537	11,323,001									
28 W / O Incentive 2010	11,323,001	225,520	11,097,481		16,357,858	173,735	16,184,123		18,431,682	225,878	18,205,804	
29 W Incentive 2010	11,323,001	225,520	11,097,481		16,357,858	173,735	16,184,123		18,431,682	225,878	18,205,804	
30 W / O Incentive 2011	11,097,481	225,520	10,871,960		16,184,123	320,742	15,863,380		18,205,804	361,406	17,844,398	
31 W Incentive 2011	11,097,481	225,520	10,871,960		16,184,123	320,742	15,863,380		18,205,804	361,406	17,844,398	
32 W / O Incentive 2012	10,871,960	225,520	10,646,440		15,863,380	320,742	15,542,638		17,844,398	361,406	17,482,992	
33 W Incentive 2012	10,871,960	225,520	10,646,440		15,863,380	320,742	15,542,638		17,844,398	361,406	17,482,992	
34 W / O Incentive 2013	10,646,440	256,988	10,389,452		15,542,638	365,497	15,177,141		17,482,992	411,834	17,071,158	
35 W Incentive 2013	10,646,440	256,988	10,389,452		15,542,638	365,497	15,177,141		17,482,992	411,834	17,071,158	
36 W / O Incentive 2014	10,389,452	267,478	10,121,974		15,177,141	380,415	14,796,726		17,071,158	428,644	16,642,515	
37 W Incentive 2014	10,389,452	267,478	10,121,974		15,177,141	380,415	14,796,726		17,071,158	428,644	16,642,515	
38 W / O Incentive 2015	10,121,974	267,478	9,854,496		14,796,726	380,415	14,416,310		16,642,515	428,644	16,213,871	
39 W Incentive 2015	10,121,974	267,478	9,854,496		14,796,726	380,415	14,416,310		16,642,515	428,644	16,213,871	
40 W / O Incentive 2016	9,854,496	267,478	9,587,019		14,416,310	380,415	14,035,895		16,213,871	428,644	15,785,227	
41 W Incentive 2016	9,854,496	267,478	9,587,019		14,416,310	380,415	14,035,895		16,213,871	428,644	15,785,227	
42 W / O Incentive 2017	9,587,019	287,538	9,299,480	1,441,903	14,035,895	408,946	13,626,949	2,099,731	15,785,227	460,792	15,324,435	2,362,250
43 W Incentive 2017	9,587,019											



[illegible]

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														
10			Project R-1				Project R-2				Project R-3			
11 Schedule 12 (Yes or No)	No	80124					No	80124					No	80124
12 Life	40	Garrisonville 230 kV UG line					40	Garrisonville 230 kV UG line					40	Garrisonville 230 kV UG line
13 FCR W/O Incentive Line 3	12.2242%	Phase 1					12.2242%	Phase 2					12.2242%	Phase 3
14 Incentive Factor (Basis Points /100)	1.25						1.25						1.25	
15 FCR W Incentive L.13 + (L.14*L.5)	13.0835%						13.0835%						13.0835%	
16 Investment	91,286,696						32,204,664						13,426,813	
17 Annual Depreciation Exp	2,282,167						805,117						335,670	
18 In Service Month (1-12)	6						6						2	
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	91,286,696	969,548	90,317,148											
29 W Incentive 2010	91,286,696	969,548	90,317,148											
30 W / O Incentive 2011	90,317,148	1,789,935	88,527,213			32,204,664	342,043	31,862,621						
31 W Incentive 2011	90,317,148	1,789,935	88,527,213			32,204,664	342,043	31,862,621						
32 W / O Incentive 2012	88,527,213	1,789,935	86,737,277			31,862,621	631,464	31,231,157			13,426,813	230,362	13,196,451	
33 W Incentive 2012	88,527,213	1,789,935	86,737,277			31,862,621	631,464	31,231,157			13,426,813	230,362	13,196,451	
34 W / O Incentive 2013	86,737,277	2,039,694	84,697,584			31,231,157	719,575	30,511,582			13,196,451	300,006	12,896,445	
35 W Incentive 2013	86,737,277	2,039,694	84,697,584			31,231,157	719,575	30,511,582			13,196,451	300,006	12,896,445	
36 W / O Incentive 2014	84,697,584	2,122,946	82,574,637			30,511,582	748,946	29,762,636			12,896,445	312,251	12,584,193	
37 W Incentive 2014	84,697,584	2,122,946	82,574,637			30,511,582	748,946	29,762,636			12,896,445	312,251	12,584,193	
38 W / O Incentive 2015	82,574,637	2,122,946	80,451,691			29,762,636	748,946	29,013,690			12,584,193	312,251	12,271,942	
39 W Incentive 2015	82,574,637	2,122,946	80,451,691			29,762,636	748,946	29,013,690			12,584,193	312,251	12,271,942	
40 W / O Incentive 2016	80,451,691	2,122,946	78,328,744			29,013,690	748,946	28,264,745			12,271,942	312,251	11,959,690	
41 W Incentive 2016	80,451,691	2,122,946	78,328,744			29,013,690	748,946	28,264,745			12,271,942	312,251	11,959,690	
42 W / O Incentive 2017	78,328,744	2,282,167	76,046,577	11,717,763		28,264,745	805,117	27,459,628	4,211,054		11,959,690	335,670	11,624,020	1,777,134
43 W Incentive 2017	78,328,744	2,282,167	76,046,577	12,380,978		28,264,745	805,117	27,459,628	4,450,453		11,959,690	335,670	11,624,020	1,878,452
44														
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55														
A Proj Rev Req w/o Incentive PCY*					11,663,894	4,192,831					1,769,753			
B Proj Rev Req w/ Incentive PCY*					12,342,565	4,437,803					1,873,429			
C Actual Rev Req w/o Incentive PCY*					11,717,763	4,211,054					1,777,134			
D Actual Rev Req w/ Incentive PCY*					12,380,978	4,450,453					1,878,452			
E TUA w/o Int w/ Incentive PCY (C-A)					53,869	18,223					7,380			
F TUA w/o Int w/ Incentive PCY (B-D)					38,413	12,649					5,023			
G Future Value Factor (1+Y)^24 mo (ATT6)					1.00000	1.00000					1.00000			
H True-Up Adjustment w/o Incentive (F*G)					53,869	18,223					7,380			
I True-Up Adjustment w/ Incentive (F*G)					38,413	12,649					5,023			
TUA = True-Up Adjustment														
PCY = Previous Calendar Year														
W / O Incentive														
W Incentive														

These Three Columns are Repeated to Provide Line Number References on All Pages														
10	Schedule 12	(Yes or No)	Project S-1				Project S-2				Project T-1			
			No 40	#0133 Pleasant View Hamilton 230kV/ transmission line			No 40	#0133 Pleasant View Hamilton 230kV/ transmission line			Yes 40	b0708 Glen Carlyn Line 251 GIB substation project		
13	FCR W/O incentive	Line 3	12.2242%				12.2242%				12.2242%			
14	Incentive Factor (Basis Points /100)		1.26				1.26				1.26			
15	FCR W/ incentive L13 <L14<L15		13.0835%				13.0835%				13.0835%	Loop Line 251 Ildwood – Arlington into the GIS sub		
16	Investment		84,131,836				1,301,988				205,578			
17	Annual Depreciation Exp		2,103,296				32,550				5,139			
18	In Service Month (1-12)		10				2				8			
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	84,131,836	343,676	83,788,160						205,578	2,183	203,395	
30	W / O incentive	2011	84,131,836	343,676	83,788,160		1,301,988	22,338	1,279,650		205,578	2,183	203,395	
31	W / incentive	2011	83,788,160	1,649,644	82,138,516		1,301,988	22,338	1,279,650		203,395	4,031	199,364	
32	W / O incentive	2012	82,138,516	1,649,644	80,488,873		1,279,650	25,529	1,254,121		199,364	4,031	195,333	
33	W / incentive	2012	82,138,516	1,649,644	80,488,873		1,279,650	25,529	1,254,121		199,364	4,031	195,333	
34	W / O incentive	2013	80,488,873	1,879,827	78,609,046		1,254,121	29,091	1,225,029		195,333	4,593	190,739	
35	W / incentive	2013	80,488,873	1,879,827	78,609,046		1,254,121	29,091	1,225,029		195,333	4,593	190,739	
36	W / O incentive	2014	78,609,046	1,956,554	76,652,491		1,225,029	30,279	1,194,751		190,739	4,781	185,958	
37	W / incentive	2014	78,609,046	1,956,554	76,652,491		1,225,029	30,279	1,194,751		190,739	4,781	185,958	
38	W / O incentive	2015	76,652,491	1,956,554	74,695,937		1,194,751	30,279	1,164,472		185,958	4,781	181,178	
39	W / incentive	2015	76,652,491	1,956,554	74,695,937		1,194,751	30,279	1,164,472		185,958	4,781	181,178	
40	W / O incentive	2016	74,695,937	1,956,554	72,739,383		1,164,472	30,279	1,134,193		181,178	4,781	176,397	
41	W / incentive	2016	74,695,937	1,956,554	72,739,383		1,164,472	30,279	1,134,193		181,178	4,781	176,3	

These Three Columns are Repeated to Provide Line Number References on All Pages													
10	Project T-2			Project U-1				Project U-2					
11 Schedule 12	(Yes or No)	Yes	b0768	Glen Carlyn Line 251 GIS substation project	Yes	b0453.1	Convert Remington - Sowego	Yes	b0453.2	Add Sowego - Gainsville 230 kv			
12 Life		40			40		115kV to 230kV	40					
13 FCR W/O incentive	Line 3	12.2242%			12.2242%			12.2242%					
14 Incentive Factor (Basis Points /100)		1.25		Loop Line 251 Ildwood -- Arlington into the GIS sub	1.25			1.25					
15 FCR W incentive L13 <L14<L15		13.0835%			13.0835%			13.0835%					
16 Investment		23,483,583			1,472,605			12,889,633					
17 Annual Depreciation Exp		587,090			36,815			322,241					
18 In Service Month (1-12)		6			9			8					
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
2006	2006												
21 W / O incentive													
22 W / O incentive													
23 W / O incentive													
24 W / O incentive													
25 W / O incentive													
26 W / O incentive													
27 W / O incentive													
28 W / O incentive													
29 W / O incentive													
30 W / O incentive													
31 W / O incentive													
32 W / O incentive													
33 W / O incentive													
34 W / O incentive													
35 W / O incentive													
36 W / O incentive													
37 W / O incentive													
38 W / O incentive													
39 W / O incentive													
40 W / O incentive													
41 W / O incentive													
42 W / O incentive													
43 W / O incentive													
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49													
50													
51													
52													
53													
54													
55													
A Proj Rev Req w/o Incentive PCY**				3,057,405				189,049				1,706,751	
B Proj Rev Req w/ Incentive PCY**				3,236,038				200,061				1,806,834	
C Actual Rev Req w/o Incentive PCY**				3,070,693				189,909				1,713,758	
D Actual Rev Req w/ Incentive PCY**				3,245,262				200,670				1,811,566	
E TUA w/o Int w/o Incentive PCY (C-A)				13,288				860				7,007	
F TUA w/o Int w/ Incentive PCY (B-D)													

These Three Columns are Repeated to Provide Line Number References on All Pages														
10	11 Schedule 12	(Yes or No)	Project V				Project W				Project X			
			Yes	b0337			Yes	b0467.2			Yes	b0311		
12	Life		40	Build Lexington 230kV ring bus			40	Reconductor the Dickerson - Pleasant View 230 kV circuit			40	Reconductor Idlewood to Arlington 230 kV		
13	FCR w/o incentive	Line 3	12.2242%				12.2242%				12.2242%			
14	Incentive Factor (Basis Points)		1.26				1.26				1.26			
15	FCR W incentive L13 w/L (L1-L5)		13.0835%				13.0835%				13.0835%			
16	Investment		6,389,531				5,249,379				3,196,608			
17	Annual Depreciation Exp		159,738				131,234				79,915			
18	In Service Month (1-12)		3				6				8			
19			Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
20	W / O incentive	2006												
21	W / O incentive	2006												
22	W / O incentive	2006												
23	W / O incentive	2007												
24	W / O incentive	2007												
25	W / O incentive	2008												
26	W / O incentive	2008												
27	W / O incentive	2009	6,389,531	99,184	6,290,347						3,196,608	23,504	3,173,104	
28	W / O incentive	2009	6,389,531	99,184	6,290,347						3,196,608	23,504	3,173,104	
29	W / O incentive	2010	6,290,347	125,285	6,165,062						3,173,104	62,679	3,110,425	
30	W / O incentive	2010	6,290,347	125,285	6,165,062						3,173,104	62,679	3,110,425	
31	W / O incentive	2011	6,165,062	125,285	6,039,777	5,249,379	55,753	5,193,626			3,110,425	62,679	3,047,746	
32	W / O incentive	2011	6,165,062	125,285	6,039,777	5,249,379	55,753	5,193,626			3,110,425	62,679	3,047,746	
33	W / O incentive	2012	6,039,777	125,285	5,914,492	5,193,626	102,929	5,090,697			3,047,746	62,679	2,985,068	
34	W / O incentive	2012	6,039,777	125,285	5,914,492	5,193,626	102,929	5,090,697			3,047,746	62,679	2,985,068	
35	W / O incentive	2013	5,914,492	142,767	5,771,726	5,090,697	117,291	4,973,406			2,985,068	71,424	2,913,643	
36	W / O incentive	2013	5,914,492	142,767	5,771,726	5,090,697	117,291	4,973,406			2,985,068	71,424	2,913,643	
37	W / O incentive	2014	5,771,726	148,594	5,623,132	4,973,406	122,079	4,851,327			2,913,643	74,340	2,839,304	
38	W / O incentive	2014	5,771,726	148,594	5,623,132	4,973,406	122,079	4,851,327			2,913,643	74,340	2,839,304	
39	W / O incentive	2015	5,623,132	148,594	5,474,538	4,851,327	122,079	4,729,248			2,839,304	74,340	2,764,964	
40	W / O incentive	2015	5,623,132	148,594	5,474,538	4,851,327	122,079	4,729,248			2,839,304	74,340	2,764,964	
41	W / O incentive	2016	5,474,538	148,594	5,325,945	4,729,248	122,079	4,607,170			2,764,964	74,340		

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

10

Schedule 12

(Yes or No)

Yes

b0231

40

Install 500 kV breakers and 500 kv bus work at Suffolk

12.2242%

0

12.2242%

21,905,733

547,643

11

Project AA - 1B

Yes

b0231

40

Install 500 kV breakers and 500 kv bus work at Suffolk - Replacement of bushings

12.2242%

0

12.2242%

817,260

20,432

11

Project AB-2

Yes

b0456

40

Re-Conductor 9.4 miles of Edinburg - Mt. Jackson 115 kV

12.2242%

0

12.2242%

4,839,985

121,000

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

41

W Incentive

2016

42

W / O Incentive

2017

43

W Incentive

2017

21,905,733

53,691

21,852,042

21,905,733

53,691

21,852,042

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429,524

21,422,518

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20,992,994

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489,458

20,074,012

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509,436

19,564,577

20,074,012

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19,055,141

19,564,577

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19,055,141

19,055,141

509,436

18,545,705

19,055,141

509,436

18,545,705

18,545,705

547,643

17,998,062

2,781,240

18,545,705

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2,781,240

817,260

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814,706

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817,260

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4,097,600

121,000

3,976,601

614,504

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3,976,601

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A Proj Rev Req w/ Incentive PCY\*\*

B Proj Rev Req w/ Incentive PCY\*\*

C Actual Rev Req w/ Incentive PCY\*\*

D Actual Rev Req w/ Incentive PCY\*\*

E TUA w/o Int w/ Incentive PCY (C-A)

F TUA w/o Int w/ Incentive PCY (B-D)

G Future Value Factor (1+H\*24 mo (AT18))

H True-Up Adjustment w/ Incentive (E-G)

I True-Up Adjustment w/ Incentive (F-G)

2,768,832

2,768,832

2,781,240

2,781,240

12,408

12,408

1,00000

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TUA = True-Up Adjustment

PCY = Previous Calendar Year

W / O Incentive

These Three Columns are Repeated to Provide Line Number References on All Pages														
10	Project AC				Project AG				2009 Add-1					
	Yes	b0227	Install 500/230 kV transformer at Bristers;		Yes	b0455	Add 2nd Endless Cables 230/115kV transformer		Yes	B0453.3	Add Sowego 230/115 kV transformer			
11 Schedule 12 (Yes or No)	40		build new 230 kV Bristers- Gainesville circuit,		40				40		12.2242%			
12 Life	12.2242%		upgrade two Loudoun - Brambleton circuits		12.2242%				12.2242%		1.25			
13 FCR W/O Incentive Line 3	0				0				0		13.0835%			
14 Incentive Factor (Basic Points /100)	12.2242%				12.2242%				12.2242%		3,355.513			
15 FCR W Incentive L13 (L1-L14L15)	21,117.166				3,424.618				3,355.513					
16 Investment	527.929				85.615				83.888					
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	Beginning	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	21,117.166	224,284	20,892,882	3,424.618	41,968	3,382,650		3,355.513	19,190	3,336,323			
27 W Incentive	2009	21,117.166	224,284	20,892,882	3,424.618	41,968	3,382,650		3,355.513	19,190	3,336,323			
28 W / O Incentive	2010	20,892,882	414,062	20,478,820	3,382,650	67,149	3,315,500		3,336,323	65,794	3,270,529			
29 W Incentive	2010	20,892,882	414,062	20,478,820	3,382,650	67,149	3,315,500		3,336,323	65,794	3,270,529			
30 W / O Incentive	2011	20,478,820	414,062	20,064,758	3,315,500	67,149	3,248,351		3,270,529	65,794	3,204,734			
31 W Incentive	2011	20,478,820	414,062	20,064,758	3,315,500	67,149	3,248,351		3,270,529	65,794	3,204,734			
32 W / O Incentive	2012	20,064,758	414,062	19,650,696	3,248,351	67,149	3,181,202		3,204,734	65,794	3,138,940			
33 W Incentive	2012	20,064,758	414,062	19,650,696	3,248,351	67,149	3,181,202		3,204,734	65,794	3,138,940			
34 W / O Incentive	2013	19,650,696	471,838	19,178,858	3,181,202	76,519	3,104,682		3,138,940	74,975	3,063,965			
35 W Incentive	2013	19,650,696	471,838	19,178,858	3,181,202	76,519	3,104,682		3,138,940	74,975	3,063,965			
36 W / O Incentive	2014	19,178,858	491,097	18,687,761	3,104,682	79,642	3,025,040		3,063,965	78,035	2,985,930			

These Three Columns are Repeated to Provide Line Number References on All Pages													
10													
11	Schedule 12	(Yes or No)											
12	Life		Yes	B0837	2009 Add-6	Yes	B3027	Project AJ	Yes	B1507	Project AK-1		
13	FCR W/O Incentive	Line 3	40	At Mt. Storm, replace the existing MOD on the 500 kV side of the transformer with a circuit breaker		40	Build 2nd Hantsburg - Valley 230 kV		40	Rebuild Mt Storm - Doubt 500 kV			
14	Incentive Factor (Basis Points /100)		12.2242%			12.2242%			12.2242%				
15	FCR W Incentive L 13 <L14/L5		0			0			0				
16	Investment		12.242%			12.242%			12.242%				
17	Annual Depreciation Exp		779,172			6,211,387			23,947,642				
18	In Service Month (1-12)		19,479			155,285			598,691				
19			6			7			12				
20	Beginning	Depreciation	Ending	Rev Req		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
21	W / O Incentive	2006											
22	W Incentive	2006											
23	W / O Incentive	2007											
24	W Incentive	2007											
25	W / O Incentive	2008											
26	W Incentive	2008											
27	W / O Incentive	2009											
28	W Incentive	2009											
29	W / O Incentive	2010											
30	W Incentive	2010											
31	W / O Incentive	2011											
32	W Incentive	2011											
33	W / O Incentive	2012											
34	W Incentive	2012											
35	W / O Incentive	2013											
36	W Incentive	2013											
37	W / O Incentive	2014											
38	W Incentive	2014											
39	W / O Incentive	2015											
40	W Incentive	2015											
41	W / O Incentive	2016											
42	W Incentive	2016											
43	W / O Incentive	2017											
44	W Incentive	2017											
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62													
63													



These Three Columns are Repeated to Provide Line Number References on All Pages											
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 L13 w/L (L14-L5)										
16	Investment										
17	Annual Depreciation Exp										
18	In Service Month (1-12)										
19											
20											
21	W / O 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										
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46											
47											
48											
49											
50											
51											
52											
53											
54											
55											
A Proj Rev Req w/o Incentive PCY**				2,885,406				16,238,289			
B Proj Rev Req w/ Incentive PCY**				2,885,406				16,238,289			
C Actual Rev Req w/o Incentive PCY*				2,897,252				16,300,739			
D Actual Rev Req w/ Incentive PCY*				2,897,252				16,300,739			
E TUA w/o Int w/o Incentive PCY (C-A)				11,846				62,450			
F TUA w/o Int w/ Incentive PCY (B-D)				11,846				62,450			
G Future Value Factor (1+Y/24 mo (AT76))				1.00000				1.00000			

[illegible]

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

10															
11	Schedule 12	(Yes or No)	Project AM				Project AO				Project AP-1				
12	Life		Yes	B0764		Yes	B1224		Yes	B1506.3					
13	FCR W/O Incentive	Line 3	40	Replace wave traps on North Anna to			40	Install 2nd Clover 500/230			40	Upgrade a 115 kV shunt capacitor banks			
14	Incentive Factor (Base Points /100)		12.2242%	Ladysmith 500 kV			12.2242%	kV transformer and a 150			12.2242%	at Merck and Edinburg			
15	FCR W/ Incentive L13-L(14'L5)		0				0				0				
16	Investment		12.2242%				12.2242%				12.2242%	Merck			
17	Annual Depreciation Exp		75,695				14,160,502				511,009				
18	In Service Month (1-12)		1,892				354,013				12,775				
			10				4				7				
19															
20	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req			
21	W / O Incentive	2006													
22	W Incentive	2006													
23	W / O Incentive	2007													
24	W Incentive	2007													
25	W / O Incentive	2008													
26	W Incentive	2008													
27	W / O Incentive	2009													
28	W Incentive	2009													
29	W / O Incentive	2010													
30	W Incentive	2010													
31	W / O Incentive	2011	75,695	309	75,386										
32	W Incentive	2011	75,695	309	75,386										
33	W / O Incentive	2012	75,386	1,484	73,902						511,009	4,592	506,417		
34	W Incentive	2012	75,386	1,484	73,902						511,009	4,592	506,417		
35	W / O Incentive	2013	73,902	1,691	72,210						506,417	11,418	494,999		
36	W Incentive	2013	73,902	1,691	72,210						506,417	11,418	494,999		
37	W / O Incentive	2014	72,210	1,760	70,450						484,999	11,884	463,115		
38	W Incentive	2014	72,210	1,760	70,450						484,999	11,884	463,115		
39	W / O Incentive	2015	70,450	1,760	68,690						483,115	11,884	471,231		
40	W Incentive	2015	70,450	1,760	68,690						483,115	11,884	471,231		
41	W / O Incentive	2016	68,690	1,760	66,929						471,231	11,884	459,347		
42	W Incentive	2016	68,690	1,760	66,929						471,231	11,884	459,347		
43	W / O Incentive	2017	66,929	1,892	65,037	9,958					1,914,104	12,775	1,891,329	68,146	
44	W Incentive	2017	66,929	1,892	65,037	9,958					1,914,104	12,775	1,891,329	68,146	
45															
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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																
10																
11 Schedule 12 (Yes or No)	Project AP-2				Project AQ				Project AR							
12 Life	Yes	B1508.3			Yes	B1647			Yes	B1648						
13 FCR W/O incentive Line 3	40	Upgrade a 115 kV shunt capacitor banks			40	Upgrade the name plate rating at Morrisville 500 kV			40	Upgrade the name plate rating at Morrisville 500 kV						
14 Incentive Factor (Basis Points /100)	12.2242%	at Merck and Edinburg			12.2242%	at Morrisville 500 kV			12.2242%	at Morrisville 500 kV						
15 FCR W incentive L.13 +(L.14*L.5)	0				0	breaker 'H1T573' with			0	breaker 'H2T545' with						
16 Investment	12.2242%	Edinburg			12.2242%	50kA breaker			12.2242%	50kA breaker						
17 Annual Depreciation Exp	755,038				16,278				16,278							
18 In Service Month (1-12)	18,876				407				407							
	2				1				1							
19	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req				
2006																
2006																
2007																
2007																
2008																
2008																
2009																
2009																
2010																
2010																
2011																
2011																
2012																
2012	755,038	12,954	742,084													
2013	755,038	12,954	742,084													
2013	742,084	16,870	725,213		16,278	350	15,928		16,278	350	15,928					
2014	742,084	16,870	725,213		16,278	350	15,928		16,278	350	15,928					
2014	725,213	17,559	707,654		15,928	379	15,549		15,928	379	15,549					
2014	725,213	17,559	707,654		15,928	379	15,549		15,928	379	15,549					
2015	707,654	17,559	690,095		15,549	379	15,170		15,549	379	15,170					
2015	707,654	17,559	690,095		15,549	379	15,170		15,549	379	15,170					
2016	690,095	17,559	672,536		15,170	379	14,792		15,170	379	14,792					
2016	690,095	17,559	672,536		15,170	379	14,792		15,170	379	14,792					
2017	672,536	18,876	653,660	99,935	14,792	407	14,385	2,190	14,792	407	14,385	2,190				
2017	672,536	18,876	653,660	99,935	14,792	407	14,385	2,190	14,792	407	14,385	2,190				
44																
45																
46																
47																
48																
49																
50																
51																
52																
53																
54																
55																
A Proj Rev Req w/o Incentive PCY*					99,520				2,182				2,182			
B Proj Rev Req w/ Incentive PCY*					99,520				2,182				2,182			
C Actual Rev Req w/o Incentive PCY*					99,935				2,190				2,190			
D Actual Rev Req w/ Incentive PCY*					99,935				2,190				2,190			
E TUA w/o Int w/o Incentive PCY (C-A)					415				9				9			
F TUA w/o Int w/ Incentive PCY (B-D)					415				9				9			
G Future Value Factor (1+I)^24 mo (ATT6)					1.00000				1.00000				1.00000			
H True-Up Adjustment w/o Incentive (E*G)					415				9				9			
I True-Up Adjustment w/ Incentive (F*G)					415				9				9			
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														
10					Project AS					Project AT				
11 Schedule 12 (Yes or No)	Yes	B1649			Yes	B1650			Yes	B1188.6				
12 Life	40	Replace Monticville 500 kV			40	Replace Monticville 500 kV			40	Install one 500/230 kV				
13 FCR W/O incentive Line 3	12.2242%	breaker HT1560' with			12.2242%	breaker H2T560' with			12.2242%	transformer and two 230 kV breakers				
14 Incentive Factor (Basis Points /100)	0	50kA breaker			0	50kA breaker			0	at Brambleton				
15 FCR W incentive L.13 +(L.14*L.5)	12.2242%				12.2242%				12.2242%					
16 Investment	858,877				858,877				235,892					
17 Annual Depreciation Exp	21,472				21,472				5,897					
18 In Service Month (1-12)	1				1				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									235,892	2,505	233,387			
33 W incentive 2012									235,892	2,505	233,387			
34 W / O incentive 2013	858,877	18,489	840,388		858,877	18,489	840,388		233,387	5,271	228,116			
35 W incentive 2013	858,877	18,489	840,388		858,877	18,489	840,388		233,387	5,271	228,116			
36 W / O incentive 2014	840,388	19,974	820,414		840,388	19,974	820,414		228,116	5,486	222,630			
37 W incentive 2014	840,388	19,974	820,414		840,388	19,974	820,414		228,116	5,486	222,630			
38 W / O incentive 2015	820,414	19,974	800,440		820,414	19,974	800,440		222,630	5,486	217,144			
39 W incentive 2015	820,414	19,974	800,440		820,414	19,974	800,440		222,630	5,486	217,144			
40 W / O incentive 2016	800,440	19,974	780,466		800,440	19,974	780,466		217,144	5,486	211,658			
41 W incentive 2016	800,440	19,974	780,466		800,440	19,974	780,466		217,144	5,486	211,658			
42 W / O incentive 2017	780,466	21,472	758,995	115,566	780,466	21,472	758,995	115,566	211,658	5,897	205,761	31,410		
43 W incentive 2017	780,466	21,472	758,995	115,566	780,466	21,472	758,995	115,566	211,658	5,897	205,761	31,410		
44														
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49														
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51														
52														
53														
54														
55														
A Proj Rev Req w/o Incentive PCY*				115,113				115,113				31,283		
B Proj Rev Req w/ Incentive PCY*				115,113				115,113				31,283		
C Actual Rev Req w/o Incentive PCY*				115,566				115,566				31,410		
D Actual Rev Req w/ Incentive PCY*				115,566				115,566				31,410		
E TUA w/o Int w/o Incentive PCY (C-A)				453				453				128		
F TUA w/o Int w/ Incentive PCY (B-D)				453				453				128		
G Future Value Factor (1+I)^24 mo (ATT6)				1.00000				1.00000				1.00000		
H True-Up Adjustment w/o Incentive (E*G)				453				453				128		
I True-Up Adjustment w/ Incentive (F*G)				453				453				128		
TUA = True-Up Adjustment														
PCY = Previous Calendar Year														
W / O incentive														
W incentive														

These Three Columns are Repeated to Provide Line Number References on All Pages													
10		Project AU-2				Project AV-1				Project AV-2			
11 Schedule 12 (Yes or No)		Yes	B1185.6			Yes	B1185			Yes	B1185		
12 Life		40	Install one 500/230 kV transformer and two 230 kV breakers at Brambleton			40	Build new Brambleton 500 kV three ring bus connected to the Loudoun to Pleasant View 500 kV line			40	Build new Brambleton 500 kV three ring bus connected to the Loudoun to Pleasant View 500 kV line		
13 FCR W/O incentive Line 3		12.2242%				12.2242%				12.2242%			
14 Incentive Factor (Basis Points /100)		0				0				0			
15 FCR W incentive L13 w/ (L14-L5)		12.2242%				12.2242%				12.2242%			
16 Investment		16,717,801				-				1,604,454			
17 Annual Depreciation Exp		417,945				-				40,111			
18 In Service Month (1-12)		12				-				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	16,717,801	16,199	16,701,602		-	-	-					
35 W incentive	2013	16,717,801	16,199	16,701,602		-	-	-					
36 W / O incentive	2014	16,701,602	388,786	16,312,816		-	-	-		1,604,454	35,758	1,568,696	
37 W incentive	2014	16,701,602	388,786	16,312,816		-	-	-		1,604,454	35,758	1,568,696	
38 W / O incentive	2015	16,312,816	388,786	15,924,029		-	-	-		1,568,696	37,313	1,531,383	
39 W incentive	2015	16,312,816	388,786	15,924,029		-	-	-		1,568,696	37,313	1,531,383	
40 W / O incentive	2016	15,924,029	388,786	15,535,243		-	-	-		1,531,383	37,313	1,494,070	
41 W incentive	2016	15,924,029	388,786	15,535,243		-	-	-		1,531,383	37,313	1,494,070	
42 W / O incentive	2017	15,535,243	417,945	15,117,298	2,291,463	-	-	-	-	1,494,070	40,111	1,453,959	220,298
43 W incentive	2017	15,535,243	417,945	15,117,298	2,291,463	-	-	-	-	1,494,070	40,111	1,453,959	

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These Three Columns are Repeated to Provide Line Number References on All Pages									
10									
11 Schedule 12	(Yes or No)								
12 Life		Yes	B0756.1	Project AY-1	Yes	B0756.1	Project AY-2	Yes	Project AZ
13 FCR W/O incentive	Line 3	40	Install two 500 kV breakers at Chancellor 500 kV		40	Install two 500 kV breakers at Chancellor 500 kV		40	B1797
14 Incentive Factor (Basis Points /100)		12.2242%			12.2242%			12.2242%	Wreck and rebuild 7 miles of the Dominion owned section of Cloverdale - Lexington 500 kV
15 FCR W incentive L13 w/L14-L5		0			0			0	
16 Investment		12.2242%			12.2242%			12.2242%	
17 Annual Depreciation Exp		4,076,165			116,523			18,459,911	
18 In Service Month (1-12)		101,904			2,913			461,498	
		8			12			10	
19		Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
206	2006								
21 W / O incentive	2006								
22 W / O incentive	2007								
23 W / O incentive	2007								
24 W / O incentive	2008								
25 W / O incentive	2008								
26 W / O incentive	2009								
27 W / O incentive	2009								
28 W / O incentive	2010								
29 W / O incentive	2010								
30 W / O incentive	2011								
31 W / O incentive	2011								
32 W / O incentive	2012								
33 W / O incentive	2012								
34 W / O incentive	2013	4,076,165	59,247	4,016,918				18,459,911	89,438
35 W / O incentive	2013	4,076,165	59,247	4,016,918				18,459,911	89,438
36 W / O incentive	2014	4,016,918	94,795	3,922,124	116,523	113	116,410	18,370,473	17,941,173
37 W / O incentive	2014	4,016,918	94,795	3,922,124	116,523	113	116,410	18,370,473	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
39 W / O incentive	2015	3,922,124	94,795	3,827,329	116,410	2,710	113,700	17,941,173	429,300
40 W / O incentive	2016	3,827,329	94,795	3,732,535	113,700	2,710	110,990	17,511,873	429,300
41 W / O incentive	2016	3,827,329	94,795	3,732,535	113,700	2,710	110,990	17,511,873	429,300
42 W / O incentive	2017	3,732,535	101,904	3,630,631	110,990	2,913	108,077	17,082,573	461,498
43 W / O incentive	2017	3,732,535	101,904	3,630,631	110,990	2,913	108,077	17,082,573	461,498
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A Proj Rev Req w/o Incentive PCY**				549,835			16,248		2,512,148
B Proj Rev Req w/o Incentive PCY**				549,835			16,248		2,512,148
C Actual Rev Req w/o Incentive PCY*				851,949			16,303		2,521,503
D Actual Rev Req w/ Incentive PCY**				851,949			16,303		2,521,503
E TUA w/o Int w/o Incentive PCY (C-A)				2,115			55		9,355
F TUA w/o Int w/ Incentive PCY (B-D)				2,115			55		9,355
G Future Value Factor (1w/24 mo (AT76))				1,00000			1,00000		



These Three Columns are Repeated to Provide Line Number References on All Pages														
			Project BA				Project BB-1				Project BB-2			
10			Yes	B1799			Yes	B1795			Yes	B1795		
11	Schedule 12	(Yes or No)	40	Build 150 MVAR Switched Shunt at Pleasant			40	Build 450 MVAR SVC and 300 MVAR			40	Build 450 MVAR SVC and 300 MVAR		
12	Life		12.2242%	View 500 kV			12.2242%	switched shunt at Loudoun 500 kV			12.2242%	switched shunt at Loudoun 500 kV		
13	FCR W/O Incentive	Line 3	0				0				0			
14	Incentive Factor (Basis Points /100)		12.2242%				12.2242%				12.2242%			
15	FCR W Incentive L 13 -w/ L14-L15)		26,047,897				3,131,641				35,293,503			
16	Investment		651,197				78,291				882,338			
17	Annual Depreciation Exp		11				12				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												
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	26,047,897	75,721	25,972,176		3,128,606	72,829	3,055,778		35,293,503	512,987	34,780,516	
37	W Incentive	2014	26,047,897	75,721	25,972,176		3,128,606	72,829	3,055,778		35,293,503	512,987	34,780,516	
38	W / O Incentive	2015	25,972,176	605,765	25,366,411		3,055,778	72,829	2,982,949		34,780,516	820,779	33,959,737	
39	W Incentive	2015	25,972,176	605,765	25,366,411		3,055,778	72,829	2,982,949		34,780,516	820,779	33,959,737	
40	W / O Incentive	2016	25,366,411	605,765	24,760,646		2,982,949	72,829	2,910,120		33,959,737	820,779	33,138,958	
41	W Incentive	2016	25,366,411	605,765	24,760,646		2,982,949	72,829	2,910,120		33,959,737	820,779	33,138,958	
42	W / O Incentive	2017	24,760,646	651,197	24,109,449	3,638,193	2,910,120	78,291	2,831,829	429,245	33,138,958	882,338	32,256,620	4,879,390
43	W Incentive	2017	24,760,646	651,197	24,109,449	3,638,193	2,910,120	78,291	2,831,829	429,245	33,138,958	882,338	32,256,620	4,879,390

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References on All Pages

10	Project BB-3				Project BB-4				Project BB-5			
11 Schedule 12 (Yes or No)	Yes	B1798	B1798		Yes	B1798	B1798		Yes	B1798	B1798	
12 Life	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	
13 FCR W/O incentive Line 3	12.2242%				12.2242%				12.2242%			
14 Incentive Factor (Basis Points /100)	0				0				0			
15 FCR W/ Incentive L 13 +L1, L1L5	12.2242%				12.2242%				12.2242%			
16 Investment	18,023,576				38,035,625				12,314,952			
17 Annual Depreciation Exp	450,589				950,891				307,874			
18 In Service Month (1-12)	6				6				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		12,314,952	11,933	12,303,019	
37 W incentive 2014	18,023,576	227,041	17,796,535		38,035,625	331,706	37,703,919		12,314,952	11,933	12,303,019	
38 W / O incentive 2015	17,796,535	419,153	17,377,382		37,703,919	884,549	36,819,370		12,303,019	286,394	12,016,625	
39 W incentive 2015	17,796,535	419,153	17,377,382		37,703,919	884,549	36,819,370		12,303,019	286,394	12,016,625	
40 W / O incentive 2016	17,377,382	419,153	16,958,229		36,819,370	884,549	35,934,820		12,016,625	286,394	11,730,230	
41 W incentive 2016	17,377,382	419,153	16,958,229		36,819,370	884,549	35,934,820		12,016,625	286,394	11,730,230	
42 W / O incentive 2017	16,958,229	450,589	16,507,640	2,496,061	35,934,820	950,891	34,983,930	5,285,526	11,730,230	307,874	11,422,357	1,722,986
43 W incentive 2017	16,958,229	450,589	16,507,640	2,496,061	35,934,820	950,891	34,983,930	5,285,526	11,730,230	307,874	11,422,357	1,722,986
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A Proj Rev Req w/o Incentive PCY*			2,545,209					5,197,343				1,164,601
B Proj Rev Req w/ Incentive PCY*			2,545,209					5,197,343				1,164,601
C Actual Rev Req w/o Incentive PCY*			2,496,061					5,285,526				1,722,986
D Actual Rev Req w/ Incentive PCY*			2,496,061					5,285,526				1,722,986
E TUA w/o Int w/o Incentive PCY (A-B)			(49,148)					88,182				558,385
F TUA w/o Int w/ Incentive PCY (B-D)			(49,148)					88,182				558,385
G Future Value Factor (1+I)^24 mo (ATte)			1.00000					1.00000				1.00000
H True-Up Adjustment w/o Incentive (E*G)			(49,148)					88,182				558,385
I True-Up Adjustment w/ Incentive (F*G)			(49,148)					88,182				558,385
TUA = True-Up Adjustment												
PCY = Previous Calendar Year												
W / O incentive												
W / O incentive												

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Line Number  
References on All Pages

		Project BB-6				Project BC				Project BD-1			
10	11 Schedule 12 (Yes or No)	Yes	B1708	Build a 450 MVAR SVC and 300 MVAR	Yes	B1805	Install a 250 MVAR SVC at the existing Mt.	Yes	B1508.1	Build a 2nd 230kV line Harrisonburg to			
12	Life	40		switched shunt at Loudoun 500 kV	40		Storm 500 kV substation	40		Endless Caverns			
13	FCR w/o Incentive Line 3	12.2242%			12.2242%			0					
14	Incentive Factor (Basis Points /100)	0			0			0					
15	FCR W incentive L13 w/ (L14-L5)	12.2242%			12.2242%			12.2242%					
16	Investment	4,574,038			37,153,276			4,829,987					
17	Annual Depreciation Exp	114,351			928,832			120,750					
18	In Service Month (1-12)	1			6			10					
		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								4,829,987	23,401	4,806,586	
34	W / O Incentive	2013								4,829,987	23,401	4,806,586	
35	W Incentive	2013				37,153,276	468,016	36,685,260		4,806,586	112,325	4,694,261	
36	W / O Incentive	2014				37,153,276	468,016	36,685,260		4,806,586	112,325	4,694,261	
37	W Incentive	2014								4,806,586	112,325	4,694,261	
38	W / O Incentive	2015	4,574,038	101,941	4,472,097	36,685,260	864,030	35,821,230		4,694,261	112,325	4,581,935	
39	W Incentive	2015	4,574,038	101,941	4,472,097	36,685,260	864,030	35,821,230		4,694,261	112,325	4,581,935	
40	W / O Incentive	2016	4,472,097	106,373	4,365,724	35,821,230	864,030	34,957,201		4,581,935	112,325	4,469,610	
41	W Incentive	2016	4,472,097	106,373	4,365,724	35,821,230	864,030	34,957,201		4,581,935	112,325	4,469,610	
42	W / O Incentive	2017	4,365,724	114,351	4,251,373	34,957,201	928,832	34,028,369	5,145,309	4,469,610	120,750	4,348,860	659,745
43	W Incentive	2017	4,365,724	114,351	4,251,373	34,957,201	928,832	34,028,369	5,145,309	4,469,610	120,750	4,348,860	659,745
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A Proj Rev Req w/o Incentive PCY**					640,280				5,127,193				657,297
B Proj Rev Req w/ Incentive PCY**					640,280				5,127,193				657,297
C Actual Rev Req w/o Incentive PCY*					641,038				5,145,309				659,745
D Actual Rev Req w/ Incentive PCY**					641,038				5,145,309				659,745
E TUA w/o Int w/o Incentive PCY (C-A)					758				18,116				2,448
F TUA w/o Int w/ Incentive PCY (B-D)					758				18,116				2,448
G Future Value Factor (1w/24 mo (AT76)					1,000.00				1,000.00				1,000.00
H True-Up Adjustment w/o Incentive (E-G)					758				18,116				2,448
I True-Up Adjustment w/ Incentive (F-G)					758				18,116				2,448
TUA = True-Up Adjustment													
PCY = Previous Calendar Year													
W / O Incentive													
W Incentive													

These Three Columns are Repeated to Provide Line Number References on All Pages																
10			Project BD-2				Project BD-3				Project BD-4					
11 Schedule 12	(Yes or No)	Yes	B1508.1	Build a 2nd 230kV line Harrisonburg to Endless Caverns			Yes	B1508.1	Build a 2nd 230kV line Harrisonburg to Endless Caverns			Yes	B1508.1	Build a 2nd 230kV line Harrisonburg to Endless Caverns		
12 Life		40					40					40				
13 FCR w/O incentive	Line 3	12.2242%					12.2242%					12.2242%				
14 Incentive Factor (Basis Points /100)		0					0					0				
15 FCR w Incentive L13 w(L14-L5)		12.2242%					12.2242%					12.2242%				
16 Investment		51,208,945					2,000,000					6,221,317				
17 Annual Depreciation Exp		1,280,224					50,000					155,533				
18 In Service Month (1-12)		8					12					8				
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		6,221,317	78,369	6,142,948			
39	W incentive	2015	50,861,598	1,190,906	49,670,692		1,998,062	46,512	1,951,550		6,221,317	78,369	6,142,948			
40	W / O incentive	2016	49,670,692	1,190,906	48,479,786		1,951,550	46,512	1,905,039		6,142,948	144,682	5,998,266			
41	W incentive	2016	49,670,692	1,190,906	48,479,786		1,951,550	46,512	1,905,039		6,142,948	144,682	5,998,266			</

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		Project BG-1				Project BG-2			
		B1906.1				B1906.1			
		At Yaskin 500 kv, install six 500 kv breakers				At Yaskin 500 kv, install six 500 kv breakers			
		B1908				B1908			
		Rebuild Lexington-Dooms 500 kv				Rebuild Lexington-Dooms 500 kv			
10		Yes				Yes			
11	Schedule 12 (Yes or No)	40				40			
12	Life	12.2242%				12.2242%			
13	FCR W/O incentive Line 3	0				0			
14	Incentive Factor (Basis Points /100)	12.2242%				12.2242%			
15	FCR W incentive L13 w/L14-L5	4,398,307				5,644,742			
16	Investment	109,958				141,119			
17	Annual Depreciation Exp	8				8			
18	In Service Month (1-12)								
19		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								
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29	W incentive								
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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	2015	4,398,307	63,929	4,334,378	5,644,742	16,409	5,628,333	74,606,362
39	W incentive	2015	4,398,307	63,929	4,334,378	5,644,742	16,409	5,628,333	74,606,362
40	W / O incentive	2016	4,334,378	102,286	4,232,092	5,628,333	131,273	5,497,060	73,521,967
41	W incentive	2016	4,334,378	102,286	4,232,092	5,628,333	131,273	5,497,060	73,521,967
42	W / O incentive	2017	4,232,092	109,958	4,122,134	5,497,060	141,119	5,355,941	71,786,936
43	W incentive	2017	4,232,092	109,958	4,122,134	5,497,060	141,119	5,355,941	71,786,936
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A Proj Rev Req w/o Incentive PCY**				618,549				801,944	10,132,506
B Proj Rev Req w/ Incentive PCY**				618,549				801,944	10,132,506
C Actual Rev Req w/o Incentive PCY*				620,578				804,466	10,526,557
D Actual Rev Req w/ Incentive PCY*				620,578				804,466	10,52

These Three Columns are Repeated to Provide Line Number References on All Pages												
10 11 Schedule 12 12 Life 13 FCR W/O incentive 14 Incentive Factor (Basis Points /100) 15 FCR W incentive L13 w/ (L14-L5) 16 Investment 17 Annual Depreciation Exp 18 In Service Month (1-12)	Project BH-2				Project BH-3				Project BI			
	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	
	40	12.2242%			40	12.2242%			40	12.2242%		
	0	0			0	0			0	0		
	12.2242%	30,160,827			12.2242%	20,570,454			12.2242%	21,908,705		
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	754,021	514,261			514,261	20,036,260			547,718	21,360,987		
	12	6			12	6			6	6		
	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req	Beginning	Depreciation	Ending	Rev Req
	2006	2006	2007	2007	2007	2007	2008	2008	2008	2008	2009	2009
	2008	2008	2009	2009	2009	2009	2010	2010	2010	2010	2011	2011
	2009	2009	2010	2010	2010	2010	2011	2011	2011	2011	2012	2012
	2010	2010	2011	2011	2011	2011	2012	2012	2012	2012	2013	2013
	2011	2011	2012	2012	2012	2012	2013	2013	2013	2013	2014	2014
	2012	2012	2013	2013	2013	2013	2014	2014	2014	2014	2015	2015
	2013	2013	2014	2014	2014	2014	2015	2015	2015	2015	2016	2016
	2014	2014	2015	2015	2015	2015	2016	2016	2016	2016	2017	2017
	2015	2015	2016	2016	2016	2016	2017	2017	2017	2017	2018	2018
	2016	2016	2017	2017	2017	2017	2018	2018	2018	2018	2019	2019
	2017	2017	2018	2018	2018	2018	2019	2019	2019	2019	2020	2020
	2018	2018	2019	2019	2019	2019	2020	2020	2020	2020	2021	2021
	2019	2019	2020	2020	2020	2020	2021	2021	2021	2021	2022	2022
	2020	2020	2021	2021	2021	2021	2022	2022	2022	2022	2023	2023
	2021	2021	2022	2022	2022	2022	2023	2023	2023	2023	2024	2024
	2022	2022	2023	2023	2023	2023	2024	2024	2024	2024	2025	2025
	2023	2023	2024	2024	2024	2024	2025	2025	2025	2025	2026	2026
	2024	2024	2025	2025	2025	2025	2026	2026	2026	2026	2027	2027
	2025	2025	2026	2026	2026	2026	2027	2027	2027	2027	2028	2028
	2026	2026	2027	2027	2027	2027	2028	2028	2028	2028	2029	2029
	2027	2027	2028	2028	2028	2028	2029	2029	2029	2029	2030	2030
	2028											



These Three Columns are Repeated to Provide Line Number References on All Pages																		
			Project BJ				Project BK				Project BM							
10	Schedule 12	(Yes or No)	Yes	B1905.1			Yes	B1905.2			Yes	B1905.4						
12	Life		40	Surry to Skiffes Creek 500 kV Line			40	Surry 500 kV Station Work			40	Skiffes Creek - Wheaton 230 kV line						
13	FCR W/O Incentive	Line 3	12.2242%	(7 miles overhead)			12.2242%				12.2242%							
14	Incentive Factor (Basis Points /100)		0				0				0							
15	FCR W Incentive L 13 w/L 14(L/S)		12.2242%				12.2242%				12.2242%							
16	Investment		-				1,834,471				7,585,377							
17	Annual Depreciation Exp		-				45,862				189,634							
18	In Service Month (1-12)						8				8							
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					1,834,471	26,664	1,807,807									
37	W Incentive	2014					1,834,471	26,664	1,807,807									
38	W / O Incentive	2015					1,807,807	42,662	1,765,145									
39	W Incentive	2015					1,807,807	42,662	1,765,145									

These Three Columns are Repeated to Provide Line Number References on All Pages															
10															
11 Schedule 12	(Yes or No)	Project BN				Project BS				Project BT-1					
12 Life		Yes	B1905.5	230 kV breakers		Yes	B1907	Install a 3rd 500/230 kV TX at Clover		Yes	B1909	Upgrade Briemo - Midlothian 230 kV to its maximum operating temperature			
13 FCR W/O incentive	Line 3	12.2242%				12.2242%				12.2242%					
14 Incentive Factor (Basis Points /100)		0				0				0					
15 FCR W incentive L13 w/ (L14-L5)		12.2242%				12.2242%				12.2242%					
16 Investment		5,169,196				19,043,057				764,184					
17 Annual Depreciation Exp		129,230				476,076				19,105					
18 In Service Month (1-12)		6				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														
39 W incentive	2015														
40 W / O incentive	2016	5,169,196	65,116	5,104,080		19,043,057	313,694	18,729,363		764,184	9,626	754,558			
41 W incentive	2016	5,169,196	65,116	5,104,080		19,043,057	313,694	18,729,363		754,558	17,772	736,786			
42 W / O incentive	2017	5,169,196	129,230	5,039,966	753,226	19,043,057	476,076	18,566,981	2,774,845	736,786	19,105	717,681	108,003		
43 W incentive	2017	5,169,196	129,230	5,039,966	753,226	19,043,057	476,076	18,566,981	2,774,845	736,786	19,105	717,681	108,003		

These Three Columns are Repeated to Provide Line Number References on All Pages																
10	<b>Project BT-2</b>				<b>Project BT-3</b>				<b>Project BU</b>							
11 Schedule 12 (Yes or No)	Yes	B1909	Uprate Birmo - Midlothian 230 kV to its maximum operating temperature		Yes	B1909	Uprate Birmo - Midlothian 230 kV to its maximum operating temperature		Yes	B1325	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 FCR W/O incentive Line 3	12.2242%				12.2242%				12.2242%							
14 Incentive Factor (Basis Points /100)	0				0				0							
15 FCR W incentive L13 w/L-(L+L-S)	12.2242%				12.2242%				12.2242%							
16 Investment	1,217,598				1,365,513				3,881,027							
17 Annual Depreciation Exp	30,440				34,138				97,026							
18 In Service Month (1-12)	6				8				12							
19	<b>Beginning Depreciation Ending Rev Req</b>				<b>Beginning Depreciation Ending Rev Req</b>				<b>Beginning Depreciation Ending Rev Req</b>							
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	1,217,598	15,338	1,202,260						3,881,027	3,761	3,877,266					
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	177,421	1,365,513	21,336	1,344,177	124,848	3,787,010							

These Three Columns are Repeated to Provide Line Number References on All Pages									
10									
11 Schedule 12	(Yes or No)								
12 Life		<b>Project BV-1A</b>				<b>Project BV-1B</b>			
13 FCR w/o Incentive	Line 3	Yes	B1912		Yes	B1912		Yes	B1912
14 Incentive Factor (Basis Points /100)		40	Install a 500 MVAR SVC at		40	Install a 500 MVAR SVC at		40	Install a 500 MVAR SVC at
15 FCR W incentive L13 v(L14-L5)		12.2242%	Landsdown 230 kv		12.2242%	Landsdown 230 kv		12.2242%	Landsdown 230 kv
16 Investment		0	(Includes project modifications.)		0	(Includes project modifications.)		0	(Includes project modifications.)
17 Annual Depreciation Exp		12.2242%			12.2242%			12.2242%	
18 In Service Month (1-12)		20,513,095			25,133,568			24,955,831	
		512,827			628,339			623,896	
		4			8			11	
19		<b>Beginning</b>	<b>Depreciation</b>	<b>Ending</b>	<b>Rev Req</b>	<b>Beginning</b>	<b>Depreciation</b>	<b>Ending</b>	<b>Rev Req</b>
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	20,513,095	337,910	20,175,185	25,133,568	316,605	24,816,963	24,955,831	72,546
41 W Incentive	2016	20,513,095	337,910	20,175,185	25,133,568	316,605	24,816,963	24,955,831	72,546
42 W / O Incentive	2017	20,513,095	512,827	20,000,268	2,989,050	628,339	24,505,229	24,955,831	623,896
43 W Incentive	2017	20,513,095	512,827	20,000,268	2,989,050	25,133,568	628,339	24,505,229	3,662,319
44									
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53									
54									
A Proj Rev Req w/o Incentive PCY**				2,551,821				3,487,195	3,342,435
B Proj Rev Req w/ Incentive PCY**				2,551,821				3,487,195	3,342,435
C Actual Rev Req w/o Incentive PCY*				2,989,050				3,662,319	3,636,420
D Actual Rev Req w/ Incentive PCY**				2,989,050				3,662,319	3,636,420
E TUA w/o Int w/o Incentive PCY (C-A)				437,230				175,124	293,986
F TUA w/o Int w/ Incentive PCY (B-D)				437,230				175,124	293,986
G Future Value Factor (1+P/24 mo (AT7E))				1,00000				1,00000	1,00000
H True-Up Adjustment w/o Incentive (E*G)				437,230				175,124	293,986
I True-Up Adjustment w/ Incentive									

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

		Project BV-2				Project BW				Project BX			
10		Yes	B1912			Yes	B1701			Yes	B1791		
11	Schedule 12 (Yes or No)	40	125 MVar STATCOM at Lynnhaven			40	Reconductor line #2104 (Fredricksburg - Cranes Corner 230 kV)			40	Wreck and rebuild 2.1 mile section of Gordonsville and Somerset (Line #11)		
12	Life	12.2242%				12.2242%				12.2242%			
13	FCR W/O incentive Line 3	0				0				0			
14	Incentive Factor (Basis Points /100)	12.2242%				12.2242%				12.2242%			
15	FCR W incentive L13 w/ (L14-L5)	27,285,426				3,178,496				3,441,461			
16	Investment	682,136				79,462				86,037			
17	Annual Depreciation Exp	4				11				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												
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					3,178,496	9,240	3,169,256		3,441,461	50,021	3,391,440	
41	W incentive					3,178,496	9,240	3,169,256		3,391,440	80,034	3,311,406	
42	W / O incentive	27,285,426	483,179	26,802,247	2,824,859	3,178,496	79,462	3,099,034	463,152	3,311,406	86,037	3,225,369	485,572
43	W incentive	27,285,426	483,179	26,802,247	2,824,859	3,178,496	79,462	3,099,034	463,152	3,311,406	86,037	3,225,369	485,572
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54													
55													
A Proj Rev Req w/o Incentive PCY**					3,352,202	439,332				484,055			
B Proj Rev Req w/ Incentive PCY**					3,352,202	439,332				484,055			
C Actual Rev Req w/o Incentive PCY*					2,824,859	463,152				485,572			
D Actual Rev Req w/ Incentive PCY*					2,824,859	463,152				485,572			
E TUA w/o Int w/o Incentive PCY (C-A)					(527,343)	23,820				1,517			
F TUA w/o Int w/ Incentive PCY (B-D)					(527,343)	23,820				1,517			
G Future Value Factor (1+Y/24 mo (AT78)					1,00000	1,00000				1,00000			
H True-Up Adjustment w/o Incentive (E-G)					(527,343)	23,820				1,517			
I True-Up Adjustment w/ Incentive (F-G)					(527,343)	23,820				1,517			
TUA = True-Up Adjustment PCY = Previous Calendar Year													
W / O incentive													
W incentive													

These Three Columns are Repeated to Provide Line Number References on All Pages																	
10					<b>Project BY-1</b>				<b>Project BY-2</b>				<b>Project BY-3</b>				
11 Schedule 12	(Yes or No)	Yes	B1694	Rebuild Loudoun - Brambleton 500 kV	Yes	B1694	Rebuild Loudoun - Brambleton 500 kV	Yes	B1694	Rebuild Loudoun - Brambleton 500 kV	Yes	B1694	Rebuild Loudoun - Brambleton 500 kV	Yes	B1694	Rebuild Loudoun - Brambleton 500 kV	
12 Life		40			40			40			40			40			
13 FCR W/O incentive	Line 3	12.2242%			12.2242%			12.2242%			12.2242%			12.2242%			
14 Incentive Factor (Basis Points /100)		0			0			0			0			0			
15 FCR W incentive L13 w/L14-L15		12.2242%			12.2242%			12.2242%			12.2242%			12.2242%			
16 Investment		27,894,903			2,712,333			2,712,333			15,703,275			15,703,275			
17 Annual Depreciation Exp		697,373			67,808			67,808			392,582			392,582			
18 In Service Month (1-12)		2			6			6			6			6			
19		<b>Beginning</b>	<b>Depreciation</b>	<b>Ending</b>	<b>Rev Req</b>	<b>Beginning</b>	<b>Depreciation</b>	<b>Ending</b>	<b>Rev Req</b>	<b>Beginning</b>	<b>Depreciation</b>	<b>Ending</b>	<b>Rev Req</b>	<b>Beginning</b>	<b>Depreciation</b>	<b>Ending</b>	<b>Rev Req</b>
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	27,894,903	567,629	27,327,274		2,712,333	39,423	2,672,910		15,703,275	197,813	15,505,462		15,703,275	197,813	15,505,462	
41 W incentive	2016	27,894,903	567,629	27,327,274		2,712,333	39,423	2,672,910		15,703,275	197,813	15,505,462		15,703,275	197,813	15,505,462	
42 W / O incentive	2017	27,327,274	697,373	26,629,902	3,995,297	2,672,910	67,808	2,605,101	390,406	15,505,462	392,582	15,112,881	2,264,010	15,505,462	392,582	15,112,881	2,264,010
43 W incentive	2017	27,327,274	697,373	26,629,902	3,995,297	2,672,910	67,808										

[illegible]

These Three Columns are Repeated to Provide Line Number References on All Pages											
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 L13 x(L14-L5)										
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	14,800,890	100,394	14,700,496		1,620,339	1,570	1,618,769		
41	W incentive	2016	14,800,890	100,394	14,700,496		1,620,339	1,570	1,618,769		
42	W / O incentive	2017	14,700,496	370,022	14,330,474	2,144,428	1,618,769	40,508	1,578,260	235,915	66,483,984
43	W incentive	2017	14,700,496	370,022	14,330,474	2,144,428	1,618,769	40,508	1,578,260	235,915	66,483,984
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55											
A	Proj Rev Req w/o Incentive PCY**				2,237,852				-		3,347,610
B	Proj Rev Req w/ Incentive PCY**				2,237,852				-		3,347,610
C	Actual Rev Req w/o Incentive PCY*				2,144,428				235,915		6,078,600
D	Actual Rev Req w/ Incentive PCY*				2,144,428				235,915		6,078,600
E	TUA w/o Int w/o Incentive PCY (C-A)				(93,424)				235,915		2,730,990
F	TUA w/o Int w/ Incentive PCY (B-D)				(93,424)				235,915		2,730,990
G	Future Value Factor (1+Y/24 mo (AT76)				1.00000				1.00000		1.00000
H	True-Up Adjustment w/o Incentive (E*G)				(93,424)				235,915		2,730,990
I	True-Up Adjustment w										





**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 Rates<sup>1</sup>

## 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%

<sup>1</sup>Depreciation 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)**<sup>1</sup>

**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%

<sup>1</sup>Depreciation 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)**<sup>1</sup>

**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%

<sup>1</sup>Depreciation 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 below.

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			2017
(In Dollars)				
	(1)	(2)	(3)	(4)
	Project Name	Requirement	Adjustment Factors	Undergrounding
2a	Garrisonville	\$16,202,784	92.49%	\$14,985,243
2b	Pleasant View	\$11,365,441	23.37%	\$2,655,640
2c	NIVO	\$1,297,882	22.09%	\$286,723
3	Total Incremental Undergrounding Costs Revenue Requirement			\$17,927,606

**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)	\$17,927,606
5	Dominion Zone NSPL 1 CP Peak from Appendix A, line 169 (in Megawatts)	19,538.1
6	Virginia Portion of the Dominion Zone NSPL (Analysis of PJM load bus data) (in Megawatts)	18,606.9
7	Annual UG Transmission Rate (dollars per MW-year) (line 4 ÷ line 6)	\$963.49



**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.

These amounts do not include any True-Up Adjustments.

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

These amounts do not include any True-Up Adjustments.

## Attachment 10B - UG Protect Revenue Requirement for Calendar Years after 2014

Year = 2017

[illegible]