

September 12, 2025

Honorable Debbie-Anne A. Reese, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E., Room 1A
Washington, D.C. 20426-0001

Re: PJM Interconnection, L.L.C., Docket No. ER25-2897-001

Amendment to Clean-Up Filing

Dear Secretary Reese:

On July 18, 2025, PJM Interconnection, L.L.C. (“PJM”) filed with the Federal Energy Regulatory Commission (“Commission”), in Docket No. ER25-2897-000, a ministerial clean-up filing of the PJM Open Access Transmission Tariff (“Tariff”), Schedule 12-Appendix A, sections 14, 17, and 28, and Schedule 12-Appendix C (collectively, “Schedule 12-Appendices”) to correct errors associated with the cost allocation assignments for certain Regional Transmission Expansion Plan baseline facilities and to ensure that the Schedule 12-Appendices correctly reflect all previously-approved cost responsibility assignments and revisions.¹ Additionally, PJM requested a waiver of the Federal Power Act’s (“FPA”) and the Commission’s 60-days’ notice requirement² to correct the effective date of the ministerial clean-up Tariff sheets accepted

¹ See *PJM Interconnection, L.L.C., Clean-Up Filing, Schedule 12-Appendix A, and Schedule 12-Appendix C, Docket No. ER25-2897-000 (July 18, 2025) (“July 18 Filing”)*. PJM also proposed to change the name of Tariff, Schedule 12-Appendix A, section 28. *Id.* at 21.

² See 16 U.S.C. § 824d(d); 18 C.F.R. § 35.3.

by the Commission in Docket No. ER25-1811-000.³ However, PJM inadvertently omitted the relevant Tariff records to permit the Commission to accept them effective January 1, 2025, as requested. To resolve this issue, PJM submits this amendment to the July 18 Filing to submit the following Tariff records with a January 1, 2025 effective date: (1) Schedule 12-Appendix, section 20; and (2) Schedule 12-Appendix A, section 20.

As explained in the July 18 Filing, a January 1, 2025 effective date for these Tariff records would allow the Tariff to, in all historical records, reflect the proper cost responsibility assignments for project b0217 in Tariff, Schedule 12-Appendix, section 20 (Virginia Electric and Power) and project b2554.3 in Tariff, Schedule 12-Appendix A, section 20 (Virginia Electric and Power).⁴

Out of an abundance of caution, PJM reiterates its request for waiver of the FPA's and the Commission's 60 days' notice requirement⁵ to allow the Commission to accept the enclosed Tariff records effective, January 1, 2025. The Commission should grant the requested waiver as it would allow the Tariff records in Attachment A to take effect so as to ensure the historical tariff records accurately present the proper cost responsibility assignments for these projects.⁶

³ *PJM Interconnection, L.L.C.*, Revisions to Incorporate Cost Responsibility Assignments for Regional Transmission Expansion Plan Baseline Upgrades of PJM Interconnection, L.L.C., Docket No. ER25-1811-000 (Mar. 28, 2025) ("ER25-1811 Filing").

⁴ See July 18 Filing at 25.

⁵ See 16 U.S.C. § 824d(d); 18 C.F.R. § 35.3.

⁶ See July 18 Filing at 23-24.

I. DOCUMENTS ENCLOSED

PJM encloses the following documents with this filing:

1. This transmittal letter;
2. Attachment A – Tariff, Schedule 12-Appendix, section 20, Schedule 12-Appendix A, section 20.⁷

II. CONCLUSION

For the reasons set forth above, PJM respectfully requests that the Commission accept the July 18 Filing, as amended, with the submitted Tariff records revisions effective on the dates requested.

Respectfully submitted,

/s/ Sigifredo Perez

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⁷ PJM does not submit clean and redline version of the Tariff sheets because PJM is refiling the same Tariff sheets accepted by the Commission in Docket No. ER25-1811-000.

CERTIFICATE OF SERVICE

I hereby certify that I have this day served the foregoing document upon each person designated on the official service list compiled by the Secretary in this proceeding.

Dated at Washington, DC, this 12th day of September 2025.

/s/ Sigifredo Perez

Sigifredo Perez
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On behalf of
PJM Interconnection, L.L.C.

Attachment A

**Tariff, Schedule 12-Appendix, section 20,
Schedule 12-Appendix A, section 20**

PJM Open Access Transmission Tariff
Schedule 12 - Appendix
Section 20

Effective Jan. 1, 2025

Version 26.0.2

SCHEDULE 12 – APPENDIX

(20) Virginia Electric and Power Company

Required Transmission Enhancements		Annual Revenue Requirement*** Responsible Customer(s)	
b0217	Upgrade Mt. Storm - Doubs 500 kV		Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
			DFAX Allocation: APS (16.95%) / BGE (6.83%) / Dominion (67.11%) / DPL (1.97%) / PEPCO (7.14%)
b0222	Install 150 MVAR capacitor at Loudoun 500 kV		Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
			DFAX Allocation: APS (5.40%) / BGE (5.96%) / Dominion (80.60%) / PEPCO (8.04%)

* Neptune Regional Transmission System, LLC

*** The Annual Revenue Requirement for all Virginia Electric and Power Company projects in this Section 20 shall be as specified in Attachment 7 to Appendix A of Attachment H-16A and under the procedures detailed in Attachment H-16B.

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0223	Install 150 MVAR capacitor at Asburn 230 kV		Dominion (100%)
b0224	Install 150 MVAR capacitor at Dranesville 230 kV		Dominion (100%)
b0225	Install 33 MVAR capacitor at Possum Pt. 115 kV		Dominion (100%)
b0226	Install 500/230 kV transformer at Clifton and Clifton 500 kV 150 MVAR capacitor	As specified in Attachment 7 to Appendix A of Attachment H-16A and under the procedures detailed in Attachment H-16B	APS (3.69%) / BGE (3.54%) / Dominion (85.73%) / PEPCO (7.04%)
b0227	Install 500/230 kV transformer at Bristers; build new 230 kV Bristers-Gainsville circuit, upgrade two Loudoun-Brambleton circuits		AEC (0.71%) / APS (3.36%) / BGE (10.93%) / DPL (1.66%) / Dominion (67.38%) / ME (0.89%) / PECO (2.33%) / PEPCO (12.20%) / PPL (0.54%)
b0227.1	Loudoun Sub – upgrade 6-230 kV breakers		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0231	Install 500 kV breakers & 500 kV bus work at Suffolk		Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
			DFAX Allocation: Dominion (100%)
b0231.2	Install 500/230 kV Transformer, 230 kV breakers, & 230 kV bus work at Suffolk		Dominion (100%)
b0232	Install 150 MVAR capacitor at Lynnhaven 230 kV		Dominion (100%)
b0233	Install 150 MVAR capacitor at Landstown 230 kV		Dominion (100%)
b0234	Install 150 MVAR capacitor at Greenwich 230 kV		Dominion (100%)
b0235	Install 150 MVAR capacitor at Fentress 230 kV		Dominion (100%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0307	Reconductor Endless Caverns – Mt. Jackson 115 kV		Dominion (100%)
b0308	Replace L breaker and switches at Endless Caverns 115 kV		Dominion (100%)
b0309	Install SPS at Earleys 115 kV		Dominion (100%)
b0310	Reconductor Club House – South Hill and Chase City – South Hill 115 kV		Dominion (100%)
b0311	Reconductor Idylwood to Arlington 230 kV		Dominion (100%)
b0312	Reconductor Gallows to Ox 230 kV		Dominion (100%)
b0325	Install a 2 nd Everetts 230/115 kV transformer		Dominion (100%)
b0326	Uprate/resag Remington-Brandywine-Culppr 115 kV		Dominion (100%)
b0327	Build 2 nd Harrisonburg – Valley 230 kV		APS (19.79%) / Dominion (76.18%) / PEPCO (4.03%)
b0328.1	Build new Meadow Brook – Loudoun 500 kV circuit (30 of 50 miles)		Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
			DFAX Allocation: APS (5.40%) / BGE (5.96%) / Dominion (80.60%) / PEPCO (8.04%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0328.3	Upgrade Mt. Storm 500 kV substation	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: APS (19.21%) / BGE (7.36%) / Dominion (63.32%) / PEPCO (10.11%)
b0328.4	Upgrade Loudoun 500 kV substation	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: APS (5.40%) / BGE (5.96%) / Dominion (80.60%) / PEPCO (8.04%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0329	Build Carson – Suffolk 500 kV, install 2 nd Suffolk 500/230 kV transformer & build Suffolk – Fentress 230 kV circuit	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <p>DFAX Allocation: Dominion (100%)</p>
b0329.1	Replace Thole Street 115 kV breaker ‘48T196’	Dominion (100%)
b0329.2	Replace Chesapeake 115 kV breaker ‘T242’	Dominion (100%)
b0329.3	Replace Chesapeake 115 kV breaker ‘8722’	Dominion (100%)
b0329.4	Replace Chesapeake 115 kV breaker ‘16422’	Dominion (100%)
b0329.5	Install 2 nd Suffolk 500/230 kV transformer & build Suffolk – Thrasher 230 kV circuit	Dominion (100%)††
b0330	Install Crewe 115 kV breaker and shift load from line 158 to 98	Dominion (100%)
b0331	Upgrade/resag Shell Bank – Whealton 115 kV (Line 165)	Dominion (100%)

* Neptune Regional Transmission System, LLC

††Cost allocations associated with below 500 kV elements of the project

Virginia Electric and Power Company (cont.)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0332	Uprate/resag Chesapeake – Cradock 115 kV		Dominion (100%)
b0333	Replace wave trap on Elmont – Replace (Line #231)		Dominion (100%)
b0334	Uprate/resag Iron Bridge-Walmsley-Southwest 230 kV		Dominion (100%)
b0335	Build Chase City – Clarksville 115 kV		Dominion (100%)
b0336	Reconductor one span of Chesapeake – Dozier 115 kV close to Dozier substation		Dominion (100%)
b0337	Build Lexington 230 kV ring bus		Dominion (100%)
b0338	Replace Gordonsville 230/115 kV transformer for larger one		Dominion (100%)
b0339	Install Breaker at Dooms 230 kV Sub		Dominion (100%)
b0340	Reconductor one span Peninsula – Magruder 115 kV close to Magruder substation		Dominion (100%)
b0341	Install a breaker at Northern Neck 115 kV		Dominion (100%)
b0342	Replace Trowbridge 230/115 kV transformer		Dominion (100%)
b0403	2 nd Dooms 500/230 kV transformer addition		APS (3.35%) / BGE (4.22%) / DPL (1.10%) / Dominion (83.94%) / PEPCO (7.39%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0412	Retension Pruntytown – Mt. Storm 500 kV to a 3502 MVA rating	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: APS (19.89%) / BGE (13.55%) / Dominion (49.16%) / PEPCO (17.40%)
b0450	Install 150 MVAR Capacitor at Fredricksburg 230 kV	Dominion (100%)
b0451	Install 25 MVAR Capacitor at Somerset 115 kV	Dominion (100%)
b0452	Install 150 MVAR Capacitor at Northwest 230 kV	Dominion (100%)
b0453.1	Convert Remington – Sowego 115 kV to 230 kV	APS (0.31%) / BGE (3.01%) / DPL (0.04%) / Dominion (92.75%) / ME (0.03%) / PEPCO (3.86%)
b0453.2	Add Sowego – Gainsville 230 kV	APS (0.31%) / BGE (3.01%) / DPL (0.04%) / Dominion (92.75%) / ME (0.03%) / PEPCO (3.86%)
b0453.3	Add Sowego 230/115 kV transformer	APS (0.31%) / BGE (3.01%) / DPL (0.04%) / Dominion (92.75%) / ME (0.03%) / PEPCO (3.86%)
b0454	Reconductor 2.4 miles of Newport News – Chuckatuck 230 kV	Dominion (100%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0455	Add 2 nd Endless Caverns 230/115 kV transformer	APS (32.70%) / BGE (7.01%) / DPL (1.80%) / Dominion (50.82%) / PEPCO (7.67%)
b0456	Reconductor 9.4 miles of Edinburg – Mt. Jackson 115 kV	APS (33.69%) / BGE (12.18%) / Dominion (40.08%) / PEPCO (14.05%)
b0457	Replace both wave traps on Dooms – Lexington 500 kV	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: BGE (6.26%) / Dominion (85.52%) / EKPC (0.05%) / PEPCO (8.17%)
b0467.2	Reconductor the Dickerson – Pleasant View 230 kV circuit	AEC (1.75%) / APS (19.70%) / BGE (22.13%) / DPL (3.70%) / JCPL (0.71%) / ME (2.48%) / NEPTUNE* (0.06%) / PECO (5.54%) / PEPCO (41.86%) / PPL (2.07%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0492.6	Replace Mount Storm 500 kV breaker 55072	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: AEC (5.01%) / AEP (4.39%) / APS (9.26%) / BGE (4.43%) / DL (0.02%) / DPL (6.91%) / Dominion (10.82%) / JCPL (11.64%) / ME (2.94%) / NEPTUNE* (1.12%) / PECO (14.51%) / PEPCO (6.11%) / PPL (6.39%) / PSEG (15.86%) / RE (0.59%)
b0492.7	Replace Mount Storm 500 kV breaker 55172	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: AEC (5.01%) / AEP (4.39%) / APS (9.26%) / BGE (4.43%) / DL (0.02%) / DPL (6.91%) / Dominion (10.82%) / JCPL (11.64%) / ME (2.94%) / NEPTUNE* (1.12%) / PECO (14.51%) / PEPCO (6.11%) / PPL (6.39%) / PSEG (15.86%) / RE (0.59%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0492.8	Replace Mount Storm 500 kV breaker H1172- 2	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: AEC (5.01%) / AEP (4.39%) / APS (9.26%) / BGE (4.43%) / DL (0.02%) / DPL (6.91%) / Dominion (10.82%) / JCPL (11.64%) / ME (2.94%) / NEPTUNE* (1.12%) / PECO (14.51%) / PEPCO (6.11%) / PPL (6.39%) / PSEG (15.86%) / RE (0.59%)
b0492.9	Replace Mount Storm 500 kV breaker G2T550	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: AEC (5.01%) / AEP (4.39%) / APS (9.26%) / BGE (4.43%) / DL (0.02%) / DPL (6.91%) / Dominion (10.82%) / JCPL (11.64%) / ME (2.94%) / NEPTUNE* (1.12%) / PECO (14.51%) / PEPCO (6.11%) / PPL (6.39%) / PSEG (15.86%) / RE (0.59%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0492.10	Replace Mount Storm 500 kV breaker G2T554	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: AEC (5.01%) / AEP (4.39%) / APS (9.26%) / BGE (4.43%) / DL (0.02%) / DPL (6.91%) / Dominion (10.82%) / JCPL (11.64%) / ME (2.94%) / NEPTUNE* (1.12%) / PECO (14.51%) / PEPCO (6.11%) / PPL (6.39%) / PSEG (15.86%) / RE (0.59%)
b0492.11	Replace Mount Storm 500 kV breaker G1T551	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: AEC (5.01%) / AEP (4.39%) / APS (9.26%) / BGE (4.43%) / DL (0.02%) / DPL (6.91%) / Dominion (10.82%) / JCPL (11.64%) / ME (2.94%) / NEPTUNE* (1.12%) / PECO (14.51%) / PEPCO (6.11%) / PPL (6.39%) / PSEG (15.86%) / RE (0.59%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0492.12	Upgrade nameplate rating of Mount Storm 500 kV breakers 55472, 57272, SX172, G3TSX1, G1TH11, G3T572, and SX22	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: AEC (5.01%) / AEP (4.39%) / APS (9.26%) / BGE (4.43%) / DL (0.02%) / DPL (6.91%) / Dominion (10.82%) / JCPL (11.64%) / ME (2.94%) / NEPTUNE* (1.12%) / PECO (14.51%) / PEPCO (6.11%) / PPL (6.39%) / PSEG (15.86%) / RE (0.59%)
b0512	MAPP Project – install new 500 kV transmission from Possum Point to Calvert Cliffs and install a DC line from Calvert Cliffs to Vienna and a DC line from Calvert Cliffs to Indian River	AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512.5	Advance n0716 (Ox - Replace 230 kV breaker L242)	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: AEC (3.94%) / APS (0.33%) / BGE (34.54%) / DPL (14.69%) / Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE* (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)
b0512.6	Advance n0717 (Possum Point - Replace 230 kV breaker SC192)	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: AEC (3.94%) / APS (0.33%) / BGE (34.54%) / DPL (14.69%) / Dominion (0.30%) / JCPL (9.43%) / ME (2.16%) / NEPTUNE* (0.90%) / PECO (10.52%) / PEPCO (2.44%) / PPL (5.50%) / PSEG (14.71%) / RE (0.54%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0583	Install dual primary protection schemes on Gosport lines 62 and 51 at the remote terminals (Chesapeake on the 62 line and Reeves Ave on the 51 line)		Dominion (100%)
b0756	Install a second 500/115 kV autotransformer at Chancellor 500 kV		Dominion (100%)
b0756.1	Install two 500 kV breakers at Chancellor 500 kV		Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
			DFAX Allocation: Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0757	Reconductor one mile of Chesapeake – Reeves Avenue 115 kV line	Dominion (100%)
b0758	Install a second Fredericksburg 230/115 kV autotransformer	Dominion (100%)
b0760	Build 115 kV line from Kitty Hawk to Colington 115 kV (Colington on the existing line and Nag's Head and Light House DP on new line)	Dominion (100%)
b0761	Install a second 230/115 kV transformer at Possum Point	Dominion (100%)
b0762	Build a new Elko station and transfer load from Turner and Providence Forge stations	Dominion (100%)
b0763	Rebuild 17.5 miles of the line for a new summer rating of 262 MVA	Dominion (100%)
b0764	Increase the rating on 2.56 miles of the line between Greenwich and Thompson Corner; new rating to be 257 MVA	Dominion (100%)
b0765	Add a second Bull Run 230/115 kV autotransformer	Dominion (100%)
b0766	Increase the rating of the line between Loudoun and Cedar Grove to at least 150 MVA	Dominion (100%)
b0767	Extend the line from Old Church – Chickahominy 230 kV	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0768	Loop line #251 Idylwood – Arlington into the GIS sub	Dominion (100%)
b0769	Re-tension 15 miles of the line for a new summer rating of 216 MVA	Dominion (100%)
b0770	Add a second 230/115 kV autotransformer at Lanexa	Dominion (100%)
b0770.1	Replace Lanexa 115 kV breaker '8532'	Dominion (100%)
b0770.2	Replace Lanexa 115 kV breaker '9232'	Dominion (100%)
b0771	Build a parallel Chickahominy – Lanexa 230 kV line	Dominion (100%)
b0772	Install a second Elmont 230/115 kV autotransformer	Dominion (100%)
b0772.1	Replace Elmont 115 kV breaker '7392'	Dominion (100%)
b0774	Install a 33 MVAR capacitor at Bremo 115 kV	Dominion (100%)
b0775	Reconductor the Greenwich – Virginia Beach line to bring it up to a summer rating of 261 MVA; Reconductor the Greenwich – Amphibious Base line to bring it up to 291 MVA	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0776	Re-build Trowbridge – Winfall 115 kV	Dominion (100%)
b0777	Terminate the Thelma – Carolina 230 kV circuit into Lakeview 230 kV	Dominion (100%)
b0778	Install 29.7 MVAR capacitor at Lebanon 115 kV	Dominion (100%)
b0779	Build a new 230 kV line from Yorktown to Hayes but operate at 115 kV initially	Dominion (100%)
b0780	Reconductor Chesapeake – Yadkin 115 kV line	Dominion (100%)
b0781	Reconductor and replace terminal equipment on line 17 and replace the wave trap on line 88	Dominion (100%)
b0782	Install a new 115 kV capacitor at Dupont Waynesboro substation	Dominion (100%)
b0784	Replace wave traps on North Anna to Ladysmith 500 kV	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: Dominion (92.39%) / PEPCO (7.61%)
b0785	Rebuild the Chase City – Crewe 115 kV line	Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0786	Reconductor the Moran DP – Crewe 115 kV segment		Dominion (100%)
b0787	Upgrade the Chase City – Twitty’s Creek 115 kV segment		Dominion (100%)
b0788	Reconductor the line from Farmville – Pamplin 115 kV		Dominion (100%)
b0793	Close switch 145T183 to network the lines. Rebuild the section of the line #145 between Possum Point – Minnieville DP 115 kV		Dominion (100%)
b0815	Replace Elmont 230 kV breaker '22192'		Dominion (100%)
b0816	Replace Elmont 230 kV breaker '21692'		Dominion (100%)
b0817	Replace Elmont 230 kV breaker '200992'		Dominion (100%)
b0818	Replace Elmont 230 kV breaker '2009T2032'		Dominion (100%)
b0837	At Mt. Storm, replace the existing MOD on the 500 kV side of the transformer with a circuit breaker		Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
			DFAX Allocation: Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0888	Replace Loudoun 230 kV Cap breaker 'SC352'		Dominion (100%)
b0892	Replace Chesapeake 115 kV breaker SX522		Dominion (100%)
b0893	Replace Chesapeake 115 kV breaker T202		Dominion (100%)
b0894	Replace Possum Point 115 kV breaker SX-32		Dominion (100%)
b0895	Replace Possum Point 115 kV breaker L92-1		Dominion (100%)
b0896	Replace Possum Point 115 kV breaker L92-2		Dominion (100%)
b0897	Replace Suffolk 115 kV breaker T202		Dominion (100%)
b0898	Replace Peninsula 115 kV breaker SC202		Dominion (100%)
b0921	Reconductor Brambleton - Cochran Mill 230 kV line with 201 Yukon conductor		Dominion (100%)
b0923	Install 50-100 MVAR variable reactor banks at Carson 230 kV		Dominion (100%)
b0924	Install 50-100 MVAR variable reactor banks at Dooms 230 kV		Dominion (100%)
b0925	Install 50-100 MVAR variable reactor banks at Garrisonville 230 kV		Dominion (100%)
b0926	Install 50-100 MVAR variable reactor banks at Hamilton 230 kV		Dominion (100%)
b0927	Install 50-100 MVAR variable reactor banks at Yadkin 230 kV		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0928	Install 50-100 MVAR variable reactor banks at Carolina, Dooms, Everetts, Idylwood, N. Alexandria, N. Anna, Suffolk and Valley 230 kV substations	Dominion (100%)
b1056	Build a 2nd Shawboro – Elizabeth City 230 kV line	Dominion (100%)
b1058	Add a third 230/115 kV transformer at Suffolk substation	Dominion (100%)
b1058.1	Replace Suffolk 115 kV breaker ‘T122’ with a 40 kA breaker	Dominion (100%)
b1058.2	Convert Suffolk 115 kV straight bus to a ring bus for the three 230/115 kV transformers and three 115 kV lines	Dominion (100%)
b1071	Rebuild the existing 115 kV corridor between Landstown - Va Beach Substation for a double circuit arrangement (230 kV & 115 kV)	Dominion (100%)
b1076	Replace existing North Anna 500-230 kV transformer with larger unit	Dominion (100%)
b1087	Replace Cannon Branch 230-115 kV with larger transformer	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1088	Build new Radnor Heights Sub, add new underground circuit from Ballston - Radnor Heights, Tap the Glebe - Davis line and create circuits from Davis - Radnor Heights and Glebe - Radnor Heights		Dominion (100%)
b1089	Install 2nd Burke to Sideburn 230 kV underground cable		Dominion (100%)
b1090	Install a 150 MVAR 230 kV capacitor and one 230 kV breaker at Northwest		Dominion (100%)
b1095	Reconductor Chase City 115 kV bus and add a new tie breaker		Dominion (100%)
b1096	Construct 10 mile double ckt. 230 kV tower line from Loudoun to Middleburg		Dominion (100%)
b1102	Replace Bremo 115 kV breaker '9122'		Dominion (100%)
b1103	Replace Bremo 115 kV breaker '822'		Dominion (100%)
b1172	Build a 4-6 mile long 230 kV line from Hopewell to Bull Hill (Ft Lee) and install a 230-115 kV Tx		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1188	Build new Brambleton 500 kV three breaker ring bus connected to the Loudoun to Pleasant View 500 kV line	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: Dominion (100%)
b1188.1	Replace Loudoun 230 kV breaker '200852' with a 63 kA breaker	Dominion (100%)
b1188.2	Replace Loudoun 230 kV breaker '2008T2094' with a 63 kA breaker	Dominion (100%)
b1188.3	Replace Loudoun 230 kV breaker '204552' with a 63 kA breaker	Dominion (100%)
b1188.4	Replace Loudoun 230 kV breaker '209452' with a 63 kA breaker	Dominion (100%)
b1188.5	Replace Loudoun 230 kV breaker 'WT2045' with a 63 kA breaker	Dominion (100%)
b1188.6	Install one 500/230 kV transformer and two 230 kV breakers at Brambleton	AEC (0.22%) / BGE (7.90%) / DPL (0.59%) / Dominion (75.58%) / ME (0.22%) / PECO (0.73%) / PEPCO (14.76%)

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Virginia Electric and Power Company (cont.)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1224	Install 2nd Clover 500/230 kV transformer and a 150 MVar capacitor		BGE (7.56%) / DPL (1.03%) / Dominion (78.21%) / ME (0.77%) / PECO (1.39%) / PEPCO (11.04%)
b1225	Replace Yorktown 115 kV breaker 'L982-1'		Dominion (100%)
b1226	Replace Yorktown 115 kV breaker 'L982-2'		Dominion (100%)
b1279	Line #69 Uprate – Increase rating on Locks – Purdy 115 kV to serve additional load at the Reams delivery point		Dominion (100%)
b1306	Reconfigure 115 kV bus at Endless Caverns substation such that the existing two 230/115 kV transformers at Endless Caverns operate in		Dominion (100%)
b1307	Install a 2nd 230/115 kV transformer at Northern Neck Substation		Dominion (100%)
b1308	Improve LSE's power factor in zone to .973 PF, adjust LTC's at Gordonsville and Remington, move existing shunt capacitor banks		Dominion (100%)
b1309	Install a 230 kV line from Lakeside to Northwest utilizing the idle line and 60 line ROW's and reconductor the existing 221 line between Elmont and Northwest		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1310	Install a 115 kV breaker at Broadnax substation on the South Hill side of Broadnax		Dominion (100%)
b1311	Install a 230 kV 3000 amp breaker at Cranes Corner substation to sectionalize the 2104 line into two lines		Dominion (100%)
b1312	Loop the 2054 line in and out of Hollymeade and place a 230 kV breaker at Hollymeade. This creates two lines: Charlottesville - Hollymeade		Dominion (100%)
b1313	Resag wire to 125C from Chesterfield – Shockoe and replace line switch 1799 with 1200 amp switch. The new rating would be 231 MVA		Dominion (100%)
b1314	Rebuild the 6.8 mile line #100 from Chesterfield to Harrowgate 115 kV for a minimum 300 MBA rating		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1315	Convert line #64 Trowbridge to Winfall to 230 kV and install a 230 kV capacitor bank at Winfall		Dominion (100%)
b1316	Rebuild 10.7 miles of 115 kV line #80, Battleboro – Heartsease DP		Dominion (100%)
b1317	LSE load power factor on the #47 line will need to meet MOA requirements of .973 in 2015 to further resolve this issue through at least 2019		Dominion (100%)
b1318	Install a 115 kV bus tie breaker at Acca substation between the Line #60 and Line #95 breakers		Dominion (100%)
b1319	Resag line #222 to 150 C and upgrade any associated equipment to a 2000A rating to achieve a 706 MVA summer line rating		Dominion (100%)
b1320	Install a 230 kV, 150 MVAR capacitor bank at Southwest substation		Dominion (100%)
b1321	Build a new 230 kV line North Anna – Oak Green and install a 224 MVA 230/115 kV transformer at Oak Green		BGE (0.85%) / Dominion (97.96%) / PEPCO (1.19%)
b1322	Rebuild the 39 Line (Dooms – Sherwood) and the 91 Line (Sherwood – Bremono)		Dominion (100%)
b1323	Install a 224 MVA 230/115 kV transformer at Staunton. Rebuild the 115 kV line #43 section Staunton - Verona		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1324	Install a 115 kV capacitor bank at Oak Ridge. Install a capacitor bank at New Bohemia. Upgrade 230/34.5 kV transformer #3 at Kings Fork		Dominion (100%)
b1325	Rebuild 15 miles of line #2020 Winfall – Elizabeth City with a minimum 900 MVA rating		Dominion (100%)
b1326	Install a third 168 MVA 230/115 kV transformer at Kitty Hawk with a normally open 230 kV breaker and a low side 115 kV breaker		Dominion (100%)
b1327	Rebuild the 20 mile section of line #22 between Kerr Dam – Eatons Ferry substations		Dominion (100%)
b1328	Uprate the 3.63 mile line section between Possum and Dumfries substations, replace the 1600 amp wave trap at Possum Point		AEC (0.66%) / APS (3.59%) / DPL (0.91%) / Dominion (92.94%) / PECO (1.90%)
b1329	Install line-tie breakers at Sterling Park substation and BECO substation		Dominion (100%)
b1330	Install a five breaker ring bus at the expanded Dulles substation to accommodate the existing Dulles Arrangement and support the Metrorail		Dominion (100%)
b1331	Build a 230 kV line from Shawboro to Aydlett tap and connect Aydlett to the new line		Dominion (100%)
b1332	Build Cannon Branch to Nokesville 230 kV line		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b1333	Advance n1728 (Replace Possum Point 230 kV breaker H9T237 with an 80 kA breaker)		Dominion (100%)
b1334	Advance n1748 (Replace Ox 230 kV breaker 22042 with a 63 kA breaker)		Dominion (100%)
b1335	Advance n1749 (Replace Ox 230 kV breaker 220T2603 with a 63 kA breaker)		Dominion (100%)
b1336	Advance n1750 (Replace Ox 230 kV breaker 24842 with a 63 kA breaker)		Dominion (100%)
b1337	Advance n1751 (Replace Ox 230 kV breaker 248T2013 with a 63 kA breaker)		Dominion (100%)
b1503.1	Loop Line #2095 in and out of Waxpool approximately 1.5 miles		Dominion (100%)
b1503.2	Construct a new 230 kV line from Brambleton to BECO Substation of approximately 11 miles with approximately 10 miles utilizing the vacant side of existing Line #2095 structures		Dominion (100%)
b1503.3	Install a one 230 kV breaker, Future 230 kV ring-bus at Waxpool Substation		Dominion (100%)
b1503.4	The new Brambleton - BECO line will feed Shellhorn Substation load and Greenway TX's #2&3 load		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1506.1	At Gainesville Substation, create two 115 kV straight-buses with a normally open tie-breaker	Dominion (100%)
b1506.2	Upgrade Line 124 (radial from Loudoun) to a minimum continuous rating of 500 MVA and network it into the 115 kV bus feeding NOVEC's DP at Gainesville	Dominion (100%)
b1506.3	Install two additional 230 kV breakers in the ring at Gainesville (may require substation expansion) to accommodate conversion of NOVEC's Gainesville to Wheeler line	Dominion (100%)
b1506.4	Convert NOVEC's Gainesville-Wheeler line from 115 kV to 230 kV (will require Gainesville DP Upgrade replacement of three transformers total at Atlantic and Wheeler Substations)	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1507	Rebuild Mt Storm – Doubs 500 kV	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <p>DFAX Allocation: APS (16.95%) / BGE (6.83%) / Dominion (67.11%) / DPL (1.97%) / PEPCO (7.14%)</p>
b1508.1	Build a 2nd 230 kV Line Harrisonburg to Endless Caverns	APS (37.05%) / Dominion (62.95%)
b1508.2	Install a 3rd 230-115 kV Tx at Endless Caverns	APS (37.05%) / Dominion (62.95%)
b1508.3	Upgrade a 115 kV shunt capacitor banks at Merck and Edinburg	APS (37.05%) / Dominion (62.95%)
b1536	Advance n1752 (Replace OX 230 breaker 24342 with an (63 kA breaker)	Dominion (100%)
b1537	Advance n1753 (Replace OX 230 breaker 243T2097 with an 63 kA breaker)	Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1538	Replace Loudoun 230 kV breaker '29552'		Dominion (100%)
b1571	Replace Acca 115 kV breaker '6072' with 40 kA		Dominion (100%)
b1647	Upgrade the name plate rating at Morrisville 500 kV breaker 'H1T573' with 50 kA breaker		Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
			DFAX Allocation: Dominion (100%)
b1648	Upgrade name plate rating at Morrisville 500 kV breaker 'H2T545' with 50 kA breaker		Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
			DFAX Allocation: Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1649	Replace Morrisville 500 kV breaker 'H1T580' with 50 kA breaker	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <p>DFAX Allocation: Dominion (100%)</p>
b1650	Replace Morrisville 500 kV breaker 'H2T569' with 50 kA breaker	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <p>DFAX Allocation: Dominion (100%)</p>
b1651	Replace Loudoun 230 kV breaker '295T2030' with 63 kA breaker	Dominion (100%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1652	Replace Ox 230 kV breaker '209742' with 63 kA breaker		Dominion (100%)
b1653	Replace Clifton 230 kV breaker '26582' with 63 kA breaker		Dominion (100%)
b1654	Replace Clifton 230 kV breaker '26682' with 63 kA breaker		Dominion (100%)
b1655	Replace Clifton 230 kV breaker '205182' with 63 kA breaker		Dominion (100%)
b1656	Replace Clifton 230 kV breaker '265T266' with 63 kA breaker		Dominion (100%)
b1657	Replace Clifton 230 kV breaker '2051T2063' with 63 kA breaker		Dominion (100%)
b1694	Rebuild Loudoun - Brambleton 500 kV		Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
			DFAX Allocation: APS (25.77%) / Dominion (74.23%)
b1696	Install a breaker and a half scheme with a minimum of eight 230 kV breakers for five existing lines at Idylwood 230 kV		AEC (0.46%) / APS (4.18%) / BGE (2.02%) / DPL (0.80%) / Dominion (88.45%) / JCPL (0.64%) / ME (0.50%) / NEPTUNE* (0.06%) / PECO (1.55%) / PEPCO (1.34%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1697	Build a 2nd Clark - Idylwood 230 kV line and install 230 kV gas-hybrid breakers at Clark	AEC (1.35%) / APS (15.65%) / BGE (10.53%) / DPL (2.59%) / Dominion (46.97%) / JCPL (2.36%) / ME (1.91%) / NEPTUNE* (0.23%) / PECO (4.48%) / PEPCO (11.23%) / PSEG (2.59%) / RE (0.11%)
b1698	Install a 2nd 500/230 kV transformer at Brambleton	APS (4.21%) / BGE (13.28%) / DPL (1.09%) / Dominion (59.38%) / PEPCO (22.04%)
b1698.1	Install a 500 kV breaker at Brambleton	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: Dominion (100%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1698.6	Replace Brambleton 230 kV breaker '2094T2095'	Dominion (100%)
b1699	Reconfigure Line #203 to feed Edwards Ferry sub radial from Pleasant View 230 kV and install new breaker bay at Pleasant View Sub	Dominion (100%)
b1700	Install a 230/115 kV transformer at the new Liberty substation to relieve Gainesville Transformer #3	Dominion (100%)
b1701	Reconductor line #2104 (Fredericksburg - Cranes Corner 230 kV)	APS (8.66%) / BGE (10.95%) / Dominion (63.30%) / PEPCO (17.09%)
b1724	Install a 2nd 138/115 kV transformer at Edinburg	Dominion (100%)
b1728	Replace the 115/34.5 kV transformer #1 at Hickory with a 230/34.5 kV transformer	Dominion (100%)
b1729	Add 4 breaker ring bus at Burton 115 kV substation and construct a 115 kV line approximately 3.5 miles from Oakwood 115 kV substation to Burton 115 kV substation	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1730	Install a 230/115 kV transformer at a new Liberty substation		Dominion (100%)
b1731	Uprate or rebuild Four Rivers – Kings Dominion 115 kV line or Install capacitors or convert load from 115 kV system to 230 kV system		Dominion (100%)
b1790	Split Wharton 115 kV capacitor bank into two smaller units and add additional reactive support in area by correcting power factor at Pantego 115 kV DP and FivePoints 115 kV DP to minimum of 0.973		Dominion (100%)
b1791	Wreck and rebuild 2.1 mile section of Line #11 section between Gordonsville and Somerset		APS (5.83%) / BGE (6.25%) / Dominion (78.38%) / PEPCO (9.54%)
b1792	Rebuild line #33 Halifax to Chase City, 26 miles. Install 230 kV 4 breaker ring bus		Dominion (100%)
b1793	Wreck and rebuild remaining section of Line #22, 19.5 miles and replace two pole H frame construction built in 1930		Dominion (100%)
b1794	Split 230 kV Line #2056 (Hornertown - Rocky Mount) and double tap line to Battleboro Substation. Expand station, install a 230 kV 3 breaker ring bus and install a 230/115 kV transformer		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required	Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1795	Reconductor segment of Line #54 (Carolina to Woodland 115 kV) to a minimum of 300 MVA		Dominion (100%)
b1796	Install 115 kV 25 MVAR capacitor bank at Kitty Hawk Substation		Dominion (100%)
b1797	Wreck and rebuild 7 miles of the Dominion owned section of Cloverdale - Lexington 500 kV		Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
			DFAX Allocation: APS (18.21%) / BGE (13.33%) / Dayton (0.02%) / DEOK (0.04%) / Dominion (51.47%) / EKPC (0.02%) / PEPCO (16.91%)
b1798	Build a 450 MVAR SVC and 300 MVAR switched shunt at Loudoun 500 kV		Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
			DFAX Allocation: APS (5.40%) / BGE (5.96%) / Dominion (80.60%) / PEPCO (8.04%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1799	Build 150 MVAR Switched Shunt at Pleasant View 500 kV	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <p>DFAX Allocation: Dominion (89.13%) / PEPCO (10.87%)</p>
b1805	Install a 250 MVAR SVC at the existing Mt. Storm 500 kV substation	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <p>DFAX Allocation: APS (26.26%) / BGE (12.54%) / Dominion (44.37%) / PEPCO (16.83%)</p>
b1809	Replace Brambleton 230 kV Breaker '22702'	Dominion (100%)
b1810	Replace Brambleton 230 kV Breaker '227T2094'	Dominion (100%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1905.1	Surry to Skiffes Creek 500 kV Line (7 miles overhead)	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <p>DFAX Allocation: Dominion (100%)</p>
b1905.2	Surry 500 kV Station Work	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <p>DFAX Allocation: Dominion (100%)</p>
b1905.3	Skiffes Creek 500-230 kV Tx and Switching Station	Dominion (99.84%) / PEPCO (0.16%)
b1905.4	New Skiffes Creek - Whealton 230 kV line	Dominion (99.84%) / PEPCO (0.16%)
b1905.5	Whealton 230 kV breakers	Dominion (99.84%) / PEPCO (0.16%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1905.6	Yorktown 230 kV work	Dominion (99.84%) / PEPCO (0.16%)
b1905.7	Lanexa 115 kV work	Dominion (99.84%) / PEPCO (0.16%)
b1905.8	Surry 230 kV work	Dominion (99.84%) / PEPCO (0.16%)
b1905.9	Kings Mill, Peninmen, Toano, Waller, Warwick	Dominion (99.84%) / PEPCO (0.16%)
b1906.1	At Yadkin 500 kV, install six 500 kV breakers	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: Dominion (100%)
b1906.2	Install a 2nd 230/115 kV TX at Yadkin	Dominion (100%)
b1906.3	Install a 2nd 230/115 kV TX at Chesapeake	Dominion (100%)
b1906.4	Uprate Yadkin – Chesapeake 115 kV	Dominion (100%)
b1906.5	Install a third 500/230 kV TX at Yadkin	Dominion (100%)
b1907	Install a 3rd 500/230 kV TX at Clover	APS (5.83%) / BGE (4.74%) / Dominion (81.79%) / PEPCO (7.64%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1908	Rebuild Lexington – Dooms 500 kV	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: BGE (6.26%) / Dominion (85.52%) / EKPC (0.05%) / PEPCO (8.17%)
b1909	Uprate Bremono – Midlothian 230 kV to its maximum operating temperature	APS (6.31%) / BGE (3.81%) / Dominion (81.90%) / PEPCO (7.98%)
b1910	Build a Suffolk – Yadkin 230 kV line (14 miles) and install 4 breakers	Dominion (100%)
b1911	Add a second Valley 500/230 kV TX	APS (14.85%) / BGE (3.10%) / Dominion (74.12%) / PEPCO (7.93%)
b1912	Install a 500 MVAR SVC at Landstown 230 kV	DEOK (0.46%) / Dominion (99.54%)
b2053	Rebuild 28 mile line	AEP (100%)
b2125	Install four additional 230 kV 100 MVAR variable shunt reactor banks at Clifton, Gallows Road, Garrisonville, and Virginia Hills substations	Dominion (100%)
b2126	Install two additional 230 kV 100 MVAR variable shunt reactor banks at Churchland and Shawboro substations	Dominion (100%)

* Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2181	Add a motor to an existing switch at Prince George to allow for Sectionalizing scheme for line #2124 and allow for Brickhouse DP to be re-energized from the 115 kV source	Dominion (100%)
b2182	Install 230 kV 4-breaker ring at Enterprise 230 kV to isolate load from transmission system when substation initially built	Dominion (100%)
b2183	Add a motor to an existing switch at Keene Mill to allow for a sectionalizing scheme	Dominion (100%)
b2184	Install a 230 kV breaker at Tarboro to split line #229. Each will feed an autotransformer at Tarboro. Install switches on each autotransformer	Dominion (100%)
b2185	Uprate Line #69 segment Reams DP to Purdy (19 miles) from 41 MVA to 162 MVA by replacing 5 structures and re-sagging the line from 50C to 75C	Dominion (100%)
b2186	Install a 2nd 230-115 kV transformer at Earleys connected to the existing 115 kV and 230 kV ring busses. Add a 115 kV breaker and 230 kV breaker to the ring busses	Dominion (100%)
b2187	Install 4 - 230 kV breakers at Shellhorn 230 kV to isolate load	Dominion (100%)

PJM Open Access Transmission Tariff

Schedule 12 - Appendix A

Section 20

Effective Jan. 1, 2025

Version 42.0.2

SCHEDULE 12 – APPENDIX A

(20) Virginia Electric and Power Company

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b1698.7	Replace Loudoun 230 kV breaker '203052' with 63 kA rating	Dominion (100%)
b1696.1	Replace the Idylwood 230 kV '25112' breaker with 50 kA breaker	Dominion (100%)
b1696.2	Replace the Idylwood 230 kV '209712' breaker with 50 kA breaker	Dominion (100%)
b1793.1	Remove the Carolina 22 SPS to include relay logic changes, minor control wiring, relay resets and SCADA programming upon completion of project	Dominion (100%)
b2281	Additional Temporary SPS at Bath County	Dominion (100%)
b2350	Reconductor 211 feet of 545.5 ACAR conductor on 59 Line Elmont - Greenwood DP 115 kV to achieve a summer emergency rating of 906 amps or greater	Dominion (100%)
b2358	Install a 230 kV 54 MVAR capacitor bank on the 2016 line at Harmony Village Substation	Dominion (100%)
b2359	Wreck and rebuild approximately 1.3 miles of existing 230 kV line between Cochran Mill - X4-039 Switching Station	Dominion (100%)
b2360	Build a new 39 mile 230 kV transmission line from Dooms - Lexington on existing right-of-way	Dominion (100%)
b2361	Construct 230 kV OH line along existing Line #2035 corridor, approx. 2.4 miles from Idylwood - Dulles Toll Road (DTR) and 2.1 miles on new right-of-way along DTR to new Scott's Run Substation	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2368	Replace the Brambleton 230 kV breaker '209502' with 63 kA breaker	Dominion (100%)
b2369	Replace the Brambleton 230 kV breaker '213702' with 63 kA breaker	Dominion (100%)
b2370	Replace the Brambleton 230 kV breaker 'H302' with 63 kA breaker	Dominion (100%)
b2373	Build a 2nd Loudoun - Brambleton 500 kV line within the existing ROW. The Loudoun - Brambleton 230 kV line will be relocated as an underbuild on the new 500 kV line	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: APS (38.57%) / Dominion (50.29%) / PEPCO (11.14%)
b2397	Replace the Beaumeade 230 kV breaker '2079T2116' with 63 kA	Dominion (100%)
b2398	Replace the Beaumeade 230 kV breaker '2079T2130' with 63 kA	Dominion (100%)
b2399	Replace the Beaumeade 230 kV breaker '208192' with 63 kA	Dominion (100%)
b2400	Replace the Beaumeade 230 kV breaker '209592' with 63 kA	Dominion (100%)
b2401	Replace the Beaumeade 230 kV breaker '211692' with 63 kA	Dominion (100%)
b2402	Replace the Beaumeade 230 kV breaker '227T2130' with 63 kA	Dominion (100%)

The Annual Revenue Requirement for all Virginia Electric and Power Company projects in this Section 20 shall be as specified in Attachment 7 to Appendix A of Attachment H-16A and under the procedures detailed in Attachment H-16B.

*Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2403	Replace the Beaumeade 230 kV breaker '274T2130' with 63 kA	Dominion (100%)
b2404	Replace the Beaumeade 230 kV breaker '227T2095' with 63 kA	Dominion (100%)
b2405	Replace the Pleasant view 230 kV breaker '203T274' with 63 kA	Dominion (100%)
b2443	Construct new underground 230 kV line from Glebe to Station C, rebuild Glebe Substation, construct 230 kV high side bus at Station C with option to install 800 MVA PAR	Dominion (97.11%) / ME (0.18%) / PEPCO (2.71%)
b2443.1	Replace the Idylwood 230 kV breaker '203512' with 50 kA	Dominion (100%)
b2443.2	Replace the Ox 230 kV breaker '206342' with 63 kA breaker	Dominion (100%)
b2443.3	Glebe – Station C PAR	DFAX Allocation: Dominion (22.57%) / PEPCO (77.43%)
b2443.6	Install a second 500/230 kV transformer at Possum Point substation and replace bus work and associated equipment as needed	Dominion (100%)
b2443.7	Replace 19 63 kA 230 kV breakers with 19 80 kA 230 kV breakers	Dominion (100%)
b2457	Replace 24 115 kV wood h-frames with 230 kV Dominion pole H-frame structures on the Clubhouse – Purdy 115 kV line	Dominion (100%)
b2458.1	Replace 12 wood H-frame structures with steel H-frame structures and install shunts on all conductor splices on Carolina – Woodland 115 kV	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2458.2	Upgrade all line switches and substation components at Carolina 115 kV to meet or exceed new conductor rating of 174 MVA	Dominion (100%)
b2458.3	Replace 14 wood H-frame structures on Carolina – Woodland 115 kV	Dominion (100%)
b2458.4	Replace 2.5 miles of static wire on Carolina – Woodland 115 kV	Dominion (100%)
b2458.5	Replace 4.5 miles of conductor between Carolina 115 kV and Jackson DP 115 kV with min. 300 MVA summer STE rating; Replace 8 wood H-frame structures located between Carolina and Jackson DP with steel H-frames	Dominion (100%)
b2460.1	Replace Hanover 230 kV substation line switches with 3000A switches	Dominion (100%)
b2460.2	Replace wave traps at Four River 230 kV and Elmont 230 kV substations with 3000A wave traps	Dominion (100%)
b2461	Wreck and rebuild existing Remington CT – Warrenton 230 kV (approx. 12 miles) as a double-circuit 230 kV line	Dominion (100%)
b2461.1	Construct a new 230 kV line approximately 6 miles from NOVEC's Wheeler Substation a new 230 kV switching station in Vint Hill area	Dominion (100%)
b2461.2	Convert NOVEC's Gainesville – Wheeler line (approximately 6 miles) to 230 kV	Dominion (100%)
b2461.3	Complete a Vint Hill – Wheeler – Loudoun 230 kV networked line	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2471	Replace Midlothian 500 kV breaker 563T576 and motor operated switches with 3 breaker 500 kV ring bus. Terminate Lines # 563 Carson – Midlothian, #576 Midlothian –North Anna, Transformer #2 in new ring	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%) DFAX Allocation: Dominion (100%)
b2504	Rebuild 115 kV Line #32 from Halifax-South Boston (6 miles) for min. of 240 MVA and transfer Welco tap to Line #32. Moving Welco to Line #32 requires disabling auto-sectionalizing scheme	Dominion (100%)
b2505	Install structures in river to remove the 115 kV #65 line (Whitestone-Harmony Village 115 kV) from bridge and improve reliability of the line	Dominion (100%)
b2542	Replace the Loudoun 500 kV 'H2T502' breaker with a 50 kA breaker	Dominion (100%)
b2543	Replace the Loudoun 500 kV 'H2T584' breaker with a 50 kA breaker	Dominion (100%)
b2565	Reconductor wave trap at Carver Substation with a 2000A wave trap	Dominion (100%)
b2566	Reconductor 1.14 miles of existing line between ACCA and Hermitage and upgrade associated terminal equipment	Dominion (100%)

*Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2582	Rebuild the Elmont – Cunningham 500 kV line	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%) DFAX Allocation: APS (6.04%) / BGE (4.98%) / Dominion (81.93%) / PEPCO (7.05%)
b2583	Install 500 kV breaker at Ox Substation to remove Ox Tx#1 from H1T561 breaker failure outage	Dominion (100%)
b2584	Relocate the Brema load (transformer #5) to #2028 (Brema-Charlottesville 230 kV) line and Cartersville distribution station to #2027 (Brema-Midlothian 230 kV) line	Dominion (100%)
b2585	Reconductor 7.63 miles of existing line between Cranes and Stafford, upgrade associated line switches at Stafford	PEPCO (100%)
b2620	Wreck and rebuild the Chesapeake – Deep Creek – Bowers Hill – Hodges Ferry 115 kV line; minimum rating 239 MVA normal/emergency, 275 MVA load dump rating	Dominion (100%)

*Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2622	Rebuild Line #47 between Kings Dominion 115 kV and Fredericksburg 115 kV to current standards with summer emergency rating of 353 MVA at 115 kV	Dominion (100%)
b2623	Rebuild Line #4 between Bremo and Structure 8474 (4.5 miles) to current standards with a summer emergency rating of 261 MVA at 115 kV	Dominion (100%)
b2624	Rebuild 115 kV Lines #18 and #145 between Possum Point Generating Station and NOVEC's Smoketown DP (approx. 8.35 miles) to current 230 kV standards with a normal continuous summer rating of 524 MVA at 115 kV	Dominion (100%)
b2625	Rebuild 115 kV Line #48 between Thole Street and Structure 48/71 to current standard. The remaining line to Sewells Point is 2007 vintage. Rebuild 115 kV Line #107 line, Sewells Point to Oakwood, between structure 107/17 and 107/56 to current standard	Dominion (100%)
b2626	Rebuild 115 kV Line #34 between Skiffes Creek and Yorktown and the double circuit portion of 115 kV Line #61 to current standards with a summer emergency rating of 353 MVA at 115 kV	Dominion (100%)
b2627	Rebuild 115 kV Line #1 between Crewe 115 kV and Fort Pickett DP 115 kV (12.2 miles) to current standards with summer emergency rating of 261 MVA at 115 kV	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2628	Rebuild 115 kV Line #82 Everetts – Voice of America (20.8 miles) to current standards with a summer emergency rating of 261 MVA at 115 kV	Dominion (100%)
b2629	Rebuild the 115 kV Lines #27 and #67 lines from Greenwich 115 kV to Burton 115 kV Structure 27/280 to current standard with a summer emergency rating of 262 MVA at 115 kV	Dominion (100%)
b2630	Install circuit switchers on Gravel Neck Power Station GSU units #4 and #5. Install two 230 kV CCVT's on Lines #2407 and #2408 for loss of source sensing	Dominion (100%)
b2636	Install three 230 kV bus breakers and 230 kV, 100 MVAR Variable Shunt Reactor at Dahlgren to provide line protection during maintenance, remove the operational hazard and provide voltage reduction during light load conditions	Dominion (100%)
b2647	Rebuild Boydton Plank Rd – Kerr Dam 115 kV Line #38 (8.3 miles) to current standards with summer emergency rating of 353 MVA at 115 kV	Dominion (100%)
b2648	Rebuild Carolina – Kerr Dam 115 kV Line #90 (38.7 miles) to current standards with summer emergency rating of 353 MVA 115 kV	Dominion (100%)
b2649	Rebuild Clubhouse – Carolina 115 kV Line #130 (17.8 miles) to current standards with summer emergency rating of 353 MVA at 115 kV	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement		Responsible Customer(s)
b2649.1	Rebuild of 1.7 mile tap to Metcalf and Belfield DP (MEC) due to poor condition. The existing summer rating of the tap is 48 MVA and existing conductor is 4/0 ACSR on wood H-frames. The proposed new rating is 176 MVA using 636 ACSR conductor		Dominion (100%)
b2649.2	Rebuild of 4.1 mile tap to Brinks DP (MEC) due to wood poles built in 1962. The existing summer rating of the tap is 48 MVA and existing conductor is 4/0 ACSR and 393.6 ACSR on wood H-frames. The proposed new rating is 176 MVA using 636 ACSR conductor		Dominion (100%)
b2650	Rebuild Twittys Creek – Pamplin 115 kV Line #154 (17.8 miles) to current standards with summer emergency rating of 353 MVA at 115 kV		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement		Responsible Customer(s)
b2651	Rebuild Buggs Island – Plywood 115 kV Line #127 (25.8 miles) to current standards with summer emergency rating of 353 MVA at 115 kV. The line should be rebuilt for 230 kV and operated at 115 kV		Dominion (100%)
b2652	Rebuild Greatbridge – Hickory 115 kV Line #16 and Greatbridge – Chesapeake E.C. to current standard with summer emergency rating of 353 MVA at 115 kV		Dominion (100%)
b2653.1	Build 20 mile 115 kV line from Pantego to Trowbridge with summer emergency rating of 353 MVA		Dominion (100%)
b2653.2	Install 115 kV four-breaker ring bus at Pantego		Dominion (100%)
b2653.3	Install 115 kV breaker at Trowbridge		Dominion (100%)
b2654.1	Build 15 mile 115 kV line from Scotland Neck to S Justice Branch with summer emergency rating of 353 MVA. New line will be routed to allow HEMC to convert Dawson's Crossroads RP from 34.5 kV to 115 kV		Dominion (100%)
b2654.2	Install 115 kV three-breaker ring bus at S Justice Branch		Dominion (100%)
b2654.3	Install 115 kV breaker at Scotland Neck		Dominion (100%)
b2654.4	Install a 2nd 224 MVA 230/115 kV transformer at Hathaway		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2665	Rebuild the Cunningham – Dooms 500 kV line	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <p>DFAX Allocation: APS (9.10%) / BGE (8.00%) / Dominion (71.52%) / PEPCO (11.38%)</p>
b2686	Pratts Area Improvement	Dominion (100%)
b2686.1	Build a 230 kV line from Remington Substation to Gordonsville Substation utilizing existing ROW	Dominion (100%)
b2686.2	Install a 3rd 230/115 kV transformer at Gordonsville Substation	Dominion (100%)
b2686.3	Upgrade Line 2088 between Gordonsville Substation and Louisa CT Station	Dominion (100%)
b2686.4	Replace the Remington CT 230 kV breaker “2114T2155” with a 63 kA breaker	Dominion (100%)
b2686.11	Upgrading sections of the Gordonsville – Somerset 115 kV circuit	Dominion (100%)
b2686.12	Upgrading sections of the Somerset – Doubleday 115 kV circuit	Dominion (100%)
b2686.13	Upgrading sections of the Orange – Somerset 115 kV circuit	Dominion (100%)
b2686.14	Upgrading sections of the Mitchell – Mt. Run 115 kV circuit	Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements		Annual Revenue Requirement Responsible Customer(s)	
b2717.1	De-energize Davis – Rosslyn #179 and #180 69 kV lines		Dominion (100%)
b2717.2	Remove splicing and stop joints in manholes		Dominion (100%)
b2717.3	Evacuate and dispose of insulating fluid from various reservoirs and cables		Dominion (100%)
b2717.4	Remove all cable along the approx. 2.5 mile route, swab and cap-off conduits for future use, leave existing communication fiber in place		Dominion (100%)
b2719.1	Expand Perth substation and add a 115 kV four breaker ring		Dominion (100%)
b2719.2	Extend the Hickory Grove DP tap 0.28 miles to Perth and terminate it at Perth		Dominion (100%)
b2719.3	Split Line #31 at Perth and terminate it into the new ring bus with 2 breakers separating each of the line terminals to prevent a breaker failure from taking out both 115 kV lines		Dominion (100%)
b2720	Replace the Loudoun 500 kV ‘H1T569’ breakers with 50 kA breaker		Dominion (100%)
b2729	Optimal Capacitors Configuration: New 175 MVAR capacitor at Brambleton, new 175 MVAR capacitor at Ashburn, new 300 MVAR capacitor at Shelhorn, new 150 MVAR capacitor at Liberty		AEC (1.96%) / BGE (14.37%) / Dominion (35.11%) / DPL (3.76%) / ECP** (0.29%) / HTP*** (0.34%) / JCPL (3.31%) / ME (2.51%) / NEPTUNE* (0.63%) / PECO (6.26%) / PEPCO (20.23%) / PPL (3.94%) / PSEG (7.29%)

* Neptune Regional Transmission System, LLC

** East Coast Power, L.L.C.

***Hudson Transmission Partners, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2744	Rebuild the Carson – Rogers Rd 500 kV circuit	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%) DFAX Allocation: Dominion (96.17%) / PEPCO (3.83%)
b2745	Rebuild 21.32 miles of existing line between Chesterfield – Lakeside 230 kV	Dominion (100%)
b2746.1	Rebuild Line #137 Ridge Rd – Kerr Dam 115 kV, 8.0 miles, for 346 MVA summer emergency rating	Dominion (100%)
b2746.2	Rebuild Line #1009 Ridge Rd – Chase City 115 kV, 9.5 miles, for 346 MVA summer emergency rating	Dominion (100%)
b2746.3	Install a second 4.8 MVAR capacitor bank on the 13.8 kV bus of each transformer at Ridge Rd	Dominion (100%)
b2747	Install a Motor Operated Switch and SCADA control between Dominion's Gordonsville 115 kV bus and FirstEnergy's 115 kV line	Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2757	Install a +/-125 MVar Statcom at Colington 230 kV	Dominion (100%)
b2758	Rebuild Line #549 Dooms – Valley 500 kV	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: Dominion (100%)
b2759	Rebuild Line #550 Mt. Storm – Valley 500 kV	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: DL (2.99%) / Dominion (44.80%) / EKPC (52.21%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2800	The 7 mile section from Dozier to Thompsons Corner of line #120 will be rebuilt to current standards using 768.2 ACSS conductor with a summer emergency rating of 346 MVA at 115 kV. Line is proposed to be rebuilt on single circuit steel monopole structure	Dominion (100%)
b2801	Lines #76 and #79 will be rebuilt to current standard using 768.2 ACSS conductor with a summer emergency rating of 346 MVA at 115 kV. Proposed structure for rebuild is double circuit steel monopole structure	Dominion (100%)
b2802	Rebuild Line #171 from Chase City – Boydton Plank Road tap by removing end-of-life facilities and installing 9.4 miles of new conductor. The conductor used will be at current standards with a summer emergency rating of 393 MVA at 115 kV	Dominion (100%)
b2815	Build a new Pinewood 115 kV switching station at the tap serving North Doswell DP with a 115 kV four breaker ring bus	Dominion (100%)
b2842	Update the nameplate for Mount Storm 500 kV "57272" to be 50 kA breaker	Dominion (100%)
b2843	Replace the Mount Storm 500 kV "G2TY" with 50 kA breaker	Dominion (100%)
b2844	Replace the Mount Storm 500 kV "G2TZ" with 50 kA breaker	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2845	Update the nameplate for Mount Storm 500 kV "G3TSX1" to be 50 kA breaker	Dominion (100%)
b2846	Update the nameplate for Mount Storm 500 kV "SX172" to be 50 kA breaker	Dominion (100%)
b2847	Update the nameplate for Mount Storm 500 kV "Y72" to be 50 kA breaker	Dominion (100%)
b2848	Replace the Mount Storm 500 kV "Z72" with 50 kA breaker	Dominion (100%)
b2871	Rebuild 230 kV line #247 from Swamp to Suffolk (31 miles) to current standards with a summer emergency rating of 1047 MVA at 230 kV	Dominion (100%)
b2876	Rebuild line #101 from Mackeys – Creswell 115 kV, 14 miles, with double circuit structures. Install one circuit with provisions for a second circuit. The conductor used will be at current standards with a summer emergency rating of 262 MVA at 115 kV	Dominion (100%)
b2877	Rebuild line #112 from Fudge Hollow – Lowmoor 138 kV (5.16 miles) to current standards with a summer emergency rating of 314 MVA at 138 kV	Dominion (100%)
b2899	Rebuild 230 kV line #231 to current standard with a summer emergency rating of 1046 MVA. Proposed conductor is 2-636 ACSR	Dominion (100%)
b2900	Build a new 230/115 kV switching station connecting to 230 kV network line #2014 (Earleys – Everetts). Provide a 115 kV source from the new station to serve Windsor DP	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2922	Rebuild 8 of 11 miles of 230 kV lines #211 and #228 to current standard with a summer emergency rating of 1046 MVA for rebuilt section. Proposed conductor is 2-636 ACSR	Dominion (100%)
b2928	Rebuild four structures of 500 kV line #567 from Chickahominy to Surry using galvanized steel and replace the river crossing conductor with 3-1534 ACSR. This will increase the line #567 line rating from 1954 MVA to 2600 MVA	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%) DFAX Allocation: Dominion (100%)
b2929	Rebuild 230 kV line #2144 from Winfall to Swamp (4.3 miles) to current standards with a standard conductor (bundled 636 ACSR) having a summer emergency rating of 1047 MVA at 230 kV	Dominion (100%)
b2960	Replace fixed series capacitors on 500 kV Line #547 at Lexington and on 500 kV Line #548 at Valley	See sub-IDs for cost allocations

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2960.1	Replace fixed series capacitors on 500 kV Line #547 at Lexington	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%) DFAX Allocation: DEOK (7.65%) / Dominion (88.65%) / EKPC (3.70%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2960.2	Replace fixed series capacitors on 500 kV Line #548 at Valley	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%) DFAX Allocation: DEOK (9.31%) / Dominion (87.48%) / EKPC (3.21%)
b2961	Rebuild approximately 3 miles of Line #205 & Line #2003 from Chesterfield to Locks & Poe respectively	Dominion (100%)
b2962	Split Line #227 (Brambleton – Beaumeade 230 kV) and terminate into existing Belmont substation	Dominion (100%)
b2962.1	Replace the Beaumeade 230 kV breaker “274T2081” with 63 kA breaker	Dominion (100%)
b2962.2	Replace the NIVO 230 kV breaker “2116T2130” with 63 kA breaker	Dominion (100%)
b2963	Reconductor the Woodbridge to Occoquan 230 kV line segment of Line #2001 with 1047 MVA conductor and replace line terminal equipment at Possum Point, Woodbridge, and Occoquan	Dominion (100%)

*Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2978	Install 2-125 MVAR STATCOMs at Rawlings and 1-125 MVAR STATCOM at Clover 500 kV substations	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <p>DFAX Allocation: Dominion (100%)</p>
b2980	Rebuild 115 kV Line #43 between Staunton and Harrisonburg (22.8 miles) to current standards with a summer emergency rating of 261 MVA at 115 kV	Dominion (100%)
b2981	Rebuild 115 kV Line #29 segment between Fredericksburg and Aquia Harbor to current 230 kV standards (operating at 115 kV) utilizing steel H-frame structures with 2-636 ACSR to provide a normal continuous summer rating of 524 MVA at 115 kV (1047 MVA at 230 kV)	Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b2989	Install a second 230/115 kV Transformer (224 MVA) approximately 1 mile north of Bremono and tie 230 kV Line #2028 (Bremono – Charlottesville) and 115 kV Line #91 (Bremono - Sherwood) together. A three breaker 230 kV ring bus will split Line #2028 into two lines and Line #91 will also be split into two lines with a new three breaker 115 kV ring bus. Install a temporary 230/115 kV transformer at Bremono substation for the interim until the new substation is complete	Dominion (100%)
b2990	Chesterfield to Basin 230 kV line – Replace 0.14 miles of 1109 ACAR with a conductor which will increase the line rating to approximately 706 MVA	Dominion (100%)
b2991	Chaparral to Locks 230 kV line – Replace breaker lead	Dominion (100%)
b2994	Acquire land and build a new switching station (Skippers) at the tap serving Brink DP with a 115 kV four breaker ring to split Line #130 and terminate the end points	Dominion (100%)
b3018	Rebuild Line #49 between New Road and Middleburg substations with single circuit steel structures to current 115 kV standards with a minimum summer emergency rating of 261 MVA	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3019	Rebuild 500 kV Line #552 Bristers to Chancellor – 21.6 miles long	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%) DFAX Allocation: APS (10.43%) / Dominion (89.57%)
b3019.1	Update the nameplate for Morrisville 500 kV breaker “H1T594” to be 50 kA	Dominion (100%)
b3019.2	Update the nameplate for Morrisville 500 kV breaker “H1T545” to be 50 kA	Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3020	Rebuild 500 kV Line #574 Ladysmith to Elmont – 26.2 miles long	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <p>DFAX Allocation: APS (16.36%) / DEOK (11.61%) / Dominion (51.27%) / EKPC (5.30%) / PEPCO (15.46%)</p>
b3021	Rebuild 500 kV Line #581 Ladysmith to Chancellor – 15.2 miles long	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <p>DFAX Allocation: APS (10.06%) / Dominion (89.94%)</p>
b3026	Reconductor Line #274 (Pleasant View – Ashburn – Beaumeade 230 kV) with a minimum rating of 1200 MVA. Also upgrade terminal equipment	Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3027.1	Add a 2nd 500/230 kV 840 MVA transformer at Dominion's Ladysmith substation	Dominion (100%)
b3027.2	Reconductor 230 kV Line #2089 between Ladysmith and Ladysmith CT substations to increase the line rating from 1047 MVA to 1225 MVA	Dominion (100%)
b3027.3	Replace the Ladysmith 500 kV breaker "H1T581" with 50 kA breaker	Dominion (100%)
b3027.4	Update the nameplate for Ladysmith 500 kV breaker "H1T575" to be 50 kA breaker	Dominion (100%)
b3027.5	Update the nameplate for Ladysmith 500 kV breaker "568T574" (will be renumbered as "H2T568") to be 50 kA breaker	Dominion (100%)
b3055	Install spare 230/69 kV transformer at Davis substation	Dominion (100%)
b3056	Partial rebuild 230 kV Line #2113 Waller to Lightfoot	Dominion (100%)
b3057	Rebuild 230 kV Lines #2154 and #19 Waller to Skiffes Creek	Dominion (100%)
b3058	Partial rebuild of 230 kV Lines #265, #200 and #2051	Dominion (100%)
b3059	Rebuild 230 kV Line #2173 Loudoun to Ellick	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3060	Rebuild 4.6 mile Elklick – Bull Run 230 kV Line #295 and the portion (3.85 miles) of the Clifton – Walney 230 kV Line #265 which shares structures with Line #295	Dominion (100%)
b3088	Rebuild 4.75 mile section of Line #26 between Lexington and Rockbridge with a minimum summer emergency rating of 261 MVA	Dominion (100%)
b3089	Rebuild 230 kV Line #224 between Lanexa and Northern Neck utilizing double circuit structures to current 230 kV standards. Only one circuit is to be installed on the structures with this project with a minimum summer emergency rating of 1047 MVA	Dominion (100%)
b3090	Convert the overhead portion (approx. 1500 feet) of 230 kV Lines #248 & #2023 to underground and convert Glebe substation to gas insulated substation	Dominion (100%)
b3096	Rebuild 230 kV line No.2063 (Clifton – Ox) and part of 230 kV line No.2164 (Clifton – Keene Mill) with double circuit steel structures using double circuit conductor at current 230 kV northern Virginia standards with a minimum rating of 1200 MVA	Dominion (100%)
b3097	Rebuild 4 miles of 115 kV Line #86 between Chesterfield and Centralia to current standards with a minimum summer emergency rating of 393 MVA	Dominion (100%)
b3098	Rebuild 9.8 miles of 115 kV Line #141 between Balcony Falls and Skimmer and 3.8 miles of 115 kV Line #28 between Balcony Falls and Cushaw to current standards with a minimum rating of 261 MVA	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3098.1	Rebuild Balcony Falls 115 kV substation	Dominion (100%)
b3110.1	Rebuild Line #2008 between Loudoun to Dulles Junction using single circuit conductor at current 230 kV northern Virginia standards with minimum summer ratings of 1200 MVA. Cut and loop Line #265 (Clifton – Sully) into Bull Run substation. Add three (3) 230 kV breakers at Bull Run to accommodate the new line and upgrade the substation	Dominion (100%)
b3110.2	Replace the Bull Run 230 kV breakers “200T244” and “200T295” with 50 kA breakers	Dominion (100%)
b3110.3	Replace the Clifton 230 kV breakers “201182” and “XT2011” with 63 kA breakers	Dominion (100%)
b3113	Rebuild approximately 1 mile of 115 kV Lines #72 and #53 to current standards with a minimum summer emergency rating of 393 MVA. The resulting summer emergency rating of Line #72 segment from Brown Boveri to Bellwood is 180 MVA. There is no change to Line #53 ratings	Dominion (100%)
b3114	Rebuild the 18.6 mile section of 115 kV Line #81 which includes 1.7 miles of double circuit Line #81 and 230 kV Line #2056. This segment of Line #81 will be rebuilt to current standards with a minimum rating of 261 MVA. Line #2056 rating will not change	Dominion (100%)
b3121	Rebuild Clubhouse – Lakeview 230 kV Line #254 with single-circuit wood pole equivalent structures at the current 230 kV standard with a minimum rating of 1047 MVA	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3122	Rebuild Hathaway – Rocky Mount (Duke Energy Progress) 230 kV Line #2181 and Line #2058 with double circuit steel structures using double circuit conductor at current 230 kV standards with a minimum rating of 1047 MVA	Dominion (100%)
b3161.1	Split Chesterfield-Plaza 115 kV Line No. 72 by rebuilding the Brown Boveri tap line as double circuit loop in-and-out of the Brown Boveri Breaker station	Dominion (100%)
b3161.2	Install a 115 kV breaker at the Brown Boveri Breaker station. Site expansion is required to accommodate the new layout	Dominion (100%)
b3162	Acquire land and build a new 230 kV switching station (Stevensburg) with a 224 MVA, 230/115 kV transformer. Gordonsville-Remington 230 kV Line No. 2199 will be cut and connected to the new station. Remington-Mt. Run 115 kV Line No.70 and Mt. Run-Oak Green 115 kV Line No. 2 will also be cut and connected to the new station	Dominion (100%)
b3211	Rebuild the 1.3 mile section of 500 kV Line No. 569 (Loudoun – Morrisville) with single-circuit 500 kV structures at the current 500 kV standard. This will increase the rating of the line to 3424 MVA	Dominion (100%)
b3213	Install 2nd Chickahominy 500/230 kV transformer	Dominion (100%)
b3213.1	Replace the eight (8) Chickahominy 230 kV breakers with 63 kA breakers: “SC122”, “205022”, “209122”, “210222-2”, “28722”, “H222”, “21922” and “287T2129”	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3223.1	Install a second 230 kV circuit with a minimum summer emergency rating of 1047 MVA between Lanexa and Northern Next substations. The second circuit will utilize the vacant arms on the double-circuit structures that are being installed on Line #224 (Lanexa – Northern Next) as part of the End-of-Life rebuild project (b3089)	Dominion (100%)
b3223.2	Expand the Northern Neck terminal from a 230 kV, 4-breaker ring bus to a 6-breaker ring bus	Dominion (100%)
b3223.3	Expand the Lanexa terminal from a 6-breaker ring bus to a breaker-and-a-half arrangement	Dominion (100%)
b3246.1	Convert 115 kV Line #172 Liberty – Lomar and 115 kV Line #197 Cannon Branch – Lomar to 230 kV to provide a new 230 kV source between Cannon Branch and Liberty. The majority of 115 kV Line #172 Liberty – Lomar and Line #197 Cannon Branch – Lomar is adequate for 230 kV operation. Rebuild 0.36 mile segment between the Lomar and Cannon Branch junction. Lines will have a summer rating of 1047MVA/1047MVA (SN/SE)	Dominion (100%)
b3246.2	Perform substation work for the 115 kV to 230 kV line conversion at Liberty, Wellington, Godwin, Pioneer, Sandlot and Cannon Branch	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3246.3	Extend 230 kV Line #2011 Cannon Branch – Clifton to Winters Branch by removing the existing Line #2011 termination at Cannon Branch and extending the line to Brickyard creating 230 kV Line #2011 Brickyard - Clifton. Extend a new 230 kV line between Brickyard and Winters Branch with a summer rating of 1572MVA/1572MVA (SN/SE)	Dominion (100%)
b3246.4	Perform substation work at Cannon Branch, Brickyard and Winters Branch for the 230 kV Line #2011 Cannon Branch – Clifton extension	Dominion (100%)
b3246.5	Replace the Gainesville 230 kV 40 kA breaker “216192” with a 50 kA breaker	Dominion (100%)
b3247	Replace 13 towers with galvanized steel towers on Doubs – Goose Creek 500 kV. Reconductor 3 mile section with three (3) 1351.5 ACSR 45/7. Upgrade line terminal equipment at Goose Creek substation to support the 500 kV line rebuild	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPSCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <p>DFAX Allocation: Dominion (100%)</p>

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3262	Install a second 115 kV 33.67 MVAR cap bank at Harrisonburg substation along with a 115 kV breaker	Dominion (100%)
b3263	Cut existing 115 kV Line #5 between Bremono and Cunningham substations and loop in and out of Fork Union substation	Dominion (100%)
b3264	Install 40 kA breaker at Stuarts Draft 115 kV station and sectionalize the Doom to Dupont-Waynesboro 115 kV Line #117 into two 115 kV lines	Dominion (100%)
b3268	Build a switching station at the junction of 115 kV line #39 and 115 kV line #91 with a 115 kV capacitor bank. The switching station will be built with 230 kV structures but will operate at 115 kV	Dominion (100%)
b3300	Reconductor 230 kV Line #2172 from Brambleton to Evergreen Mills along with upgrading the line leads at Brambleton to achieve a summer emergency rating of 1574 MVA	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b3301	Reconductor 230 kV Line #2210 from Brambleton to Evergreen Mills along with upgrading the line leads at Brambleton to achieve a summer emergency rating of 1574 MVA		Dominion (100%)
b3302	Reconductor 230 kV Line #2213 from Cabin Run to Yardley Ridge along with upgrading the line leads at Yardley to achieve a summer emergency rating of 1574 MVA		Dominion (100%)
b3303.1	Extend a new single circuit 230 kV Line #9250 from Farmwell substation to Nimbus substation		Dominion (100%)
b3303.2	Remove Beaumeade 230 kV Line #2152 line switch		Dominion (100%)
b3304	Midlothian area improvements for 300 MW load drop relief		Dominion (100%)
b3304.1	Cut 230 kV Line #2066 at Trabue junction		Dominion (100%)
b3304.2	Reconductor idle 230 kV Line #242 (radial from Midlothian to Trabue junction) to allow a minimum summer rating of 1047 MVA and connect to the section of 230 kV Line #2066 between Trabue junction and Winterpock, re-number 230 kV Line #242 structures to Line #2066		Dominion (100%)
b3304.3	Use the section of idle 115 kV Line #153, between Midlothian and Trabue junction to connect to the section of (former) 230 kV Line #2066 between Trabue junction and Trabue to create new Midlothian – Trabue lines with new line numbers #2218 and #2219		Dominion (100%)
b3304.4	Create new line terminations at Midlothian for the new Midlothian – Trabue 230 kV lines		Dominion (100%)
b3321	Rebuild Cranes Corner - Stafford 230 kV line		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement		Responsible Customer(s)
b3684	Rebuild 12.4 miles of 115 kV line from Earleys to Kelford with a summer emergency rating of 262 MVA. Replace structures as needed to support the new conductor. Upgrade breaker switch 13668 at Earleys from 1200 A to 2000 A		Dominion (100%)
b3685	Install a 33 MVAR cap bank at Cloud 115 kV bus along with a 115 kV breaker. Add 115 kV circuit breaker for 115 kV Line #38		Dominion (100%)
b3686	Purchase land close to the bifurcation point of 115 kV Line #4 (where the line is split into two sections) and build a new 115 kV switching station called Duncan Store. The new switching station will require space for an ultimate transmission interconnection consisting of a 115 kV six-breaker ring bus (with three breakers installed initially)		Dominion (100%)
b3687	Rebuild approximately 15.1 miles line segment between Bristers and Minnieville D.P. with 2-768 ACSS and 4000 A supporting equipment from Bristers to Ox to allow for future 230 kV capability of 115 kV Line #183. The continuous summer normal rating will be 523 MVA for line Ox – Minnieville. The continuous summer normal rating will be 786 MVA for Minnieville – Bristers line		Dominion (100%)
b3689.1	Reconductor approximately 24.42 miles of 230 kV Line #2114 Remington CT– Elk Run – Gainesville to achieve a summer rating of 1574 MVA by fully reconductoring the line and upgrading the wave trap and substation conductor at Remington CT and Gainesville 230 kV stations		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3689.2	Replace 230 kV breakers SC102, H302, H402 and 218302 at Brambleton substation with 4000A 80 kA breakers and associated equipment including breaker leads as necessary to address breaker duty issues identified in short circuit analysis	Dominion (100%)
b3690	Reconductor approximately 1.07 miles of 230 kV Line #2008 segment from Cub Run to Walney to achieve a summer rating of 1574 MVA. Replace line switch 200826 with a 4000A switch	Dominion (100%)
b3691	Reconductor approximately 1.4 miles of 230 kV Line #2141 from Lakeview to Carolina to achieve a summer rating of 1047 MVA	Dominion (100%)
b3692	Rebuild approximately 27.7 miles of 500 kV transmission line from Elmont to Chickahominy with current 500 kV standards construction practices to achieve a summer rating of 4330 MVA	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPSCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3693	Expand substation and install approximately 294 MVAR cap bank at 500 kV Lexington substation along with a 500 kV breaker. Adjust the tap positions associated with the two 230/69 kV transformers at Harrisonburg to neutral position and lock them	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)
		DFAX Allocation: Dominion (100%)
b3694.1	Convert 115 kV Line #29 Aquia Harbour to Possum Point to 230 kV (Extended Line #2104) and swap Line #2104 and converted Line #29 at Aquia Harbour backbone termination. Upgrade terminal equipment at Possum Point to terminate converted Line #29 (now extended line #2104). (Line #29 from Fredericksburg to Aquia Harbour is being rebuilt under baseline b2981 to 230 kV standards)	Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3694.2	Upgrade Aquia Harbour terminal equipment to not limit 230 kV Line #9281 conductor rating	Dominion (100%)
b3694.3	Upgrade Fredericksburg terminal equipment by rearranging 230 kV bus configuration to terminate converted Line #29 (now becoming 9281). The project will add a new breaker at the 230 kV bay and reconfigure line termination of 230 kV Line #2157, #2090 and #2083	Dominion (100%)
b3694.4	Reconductor/rebuild approximately 7.6 miles of 230 kV Line #2104 Cranes Corner – Stafford to achieve a summer rating of 1047 MVA. Reconductor/rebuild approximately 0.34 miles of 230 kV Line #2104 Stafford – Aquia Harbour to achieve a summer rating of 1047 MVA. Upgrade terminal equipment at Cranes Corner to not limit the new conductor rating	Dominion (100%)
b3694.5	Upgrade wave trap and line leads at 230 kV Line #2090 Ladysmith CT terminal to achieve 4000A rating	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3694.6	Upgrade Fuller Road substation to feed Quantico substation via 115 kV radial line. Install four-breaker ring bus and break 230 kV Line #252 into two new lines: 1) Line #252 between Aquia Harbour and Fuller Road and 2) Line #9282 between Fuller Road and Possum Point. Install a 230/115 kV transformer which will serve Quantico substation	Dominion (100%)
b3694.7	Energize in-service spare 500/230 kV Carson Transformer #1	Dominion (100%)
b3694.8	Partial wreck and rebuild 10.34 miles of 230 kV Line #249 Carson – Locks to achieve a minimum summer emergency rating of 1047 MVA. Upgrade terminal equipment at Carson and Locks stations to not limit the new conductor rating	Dominion (100%)
b3694.9	Wreck and rebuild 5.4 miles of 115 kV Line #100 Locks – Harrowgate to achieve a minimum summer emergency rating of 393 MVA. Upgrade terminal equipment at Locks and Harrowgate stations to not limit the new conductor rating and perform Line #100 Chesterfield terminal relay work	Dominion (100%)
b3694.10	Reconductor approximately 2.9 miles of 230 kV Line #211 Chesterfield – Hopewell to achieve a minimum summer emergency rating of 1046 MVA	Dominion (100%)
b3694.11	Reconductor approximately 2.9 miles of 230 kV Line #228 Chesterfield – Hopewell to achieve a minimum summer emergency rating of 1046 MVA	Dominion (100%)
b3694.12	Upgrade equipment at Chesterfield 230 kV substation to not limit ratings on Line #211 and #228	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3694.13	Upgrade equipment at Hopewell 230 kV substation to not limit ratings on Line #211 and #228	Dominion (100%)
b3702	Install one 13.5 Ohm series reactor to control the power flow on the 230 kV Line #2054 from Charlottesville substation to Proffit Rd. 230 kV line	AEC (1.59%) / APS (8.85%) / ATSI (5.54%) / BGE (10.79%) / ComEd (1.86%) / Dayton (0.21%) / DEOK (1.16%) / Dominion (18.99%) / DPL (3.68%) / DL (1.16%) / ECP** (0.27%) / HTP*** (0.22%) / JCPL (4.53%) / ME (1.73%) / NEPTUNE* (0.68%) / PECO (6.95%) / PENELEC (4.75%) / PEPCO (9.69%) / PPL (9.78%) / PSEG (7.28%) / RE (0.29%)
b3707.1	Reconductor approximately 0.57 mile of 115 kV Line #1021 from Harmony Village to Greys Point with 768 ACSS to achieve a summer emergency rating of 237 MVA. The current conductor is 477 ACSR	Dominion (100%)
b3707.2	Reconductor approximately 0.97 mile of 115 kV Line #65 from Rappahannock to White Stone with 768 ACSS to achieve a summer emergency rating of 237 MVA. The current conductor is 477 ACSR	Dominion (100%)

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**East Coast Power, L.L.C.

***Hudson Transmission Partners, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3718.1	Install one 500/230 kV 1440 MVA transformer at a new substation called Wishing Star. Cut and extend 500 kV Line #546 (Brambleton - Mosby) and 500 kV Line #590 (Brambleton - Mosby) to the proposed Wishing Star substation. Lines to terminate in a 500 kV breaker and a half configuration	Dominion (100%)
b3718.2	Install one 500/230 kV 1440 MVA transformer at a new substation called Mars near Dulles International Airport	Dominion (100%)
b3718.3	Construct a new 500 kV transmission line for approximately 3.5 miles along with substation upgrades at Wishing Star and Mars. New right-of-way will be needed and will share same structures with the line. New conductor to have a minimum summer normal rating of 4357 MVA	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPSCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%) <hr/> DFAX Allocation: APS (10.46%) / Dominion (89.54%)
b3718.4	Reconductor approximately 0.62 mile of 230 kV Line #2214 (Buttermilk - Roundtable) to achieve a summer rating of 1574 MVA	Dominion (100%)
b3718.5	Reconductor approximately 1.52 miles of 230 kV Line #2031 (Enterprise – Greenway - Roundtable) to achieve a summer rating of 1574 MVA	Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3718.6	Reconductor approximately 0.64 mile of 230 kV Line #2186 (Enterprise - Shellhorn) to achieve a summer rating of 1574 MVA	Dominion (100%)
b3718.7	Reconductor approximately 2.17 miles of 230 kV Line #2188 (Lockridge – Greenway - Shellhorn) to achieve a summer rating of 1574 MVA	Dominion (100%)
b3718.8	Reconductor approximately 0.84 mile of 230 kV Line #2223 (Lockridge - Roundtable) to achieve a summer rating of 1574 MVA	Dominion (100%)
b3718.9	Reconductor approximately 3.98 miles of 230 kV Line #2218 (Sojourner – Runway - Shellhorn) to achieve a summer rating of 1574 MVA	Dominion (100%)
b3718.10	Reconductor approximately 1.61 miles of 230 kV Line #9349 (Sojourner - Mars) to achieve a summer rating of 1574 MVA	Dominion (100%)
b3718.11	Upgrade 4 - 500 kV breakers (total) to 63 kA on either end of 500 kV Line #502 (Loudoun - Mosby)	Dominion (100%)
b3718.12	Upgrade 4 - 500 kV breakers (total) to 63 kA on either end of 500 kV Line #584 (Loudoun - Mosby)	Dominion (100%)
b3718.13	Cut and loop 230 kV Line #2079 (Sterling Park - Dranesville) into Davis Drive substation and install two GIS 230 kV breakers	Dominion (100%)
b3718.14	Construct a new 230 kV transmission line for approximately 3.5 miles along with substation upgrades at Wishing Star and Mars. New right-of-way will be needed and will share same structures with the 500 kV line. New conductor to have a minimum summer normal rating of 1573 MVA	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement		Responsible Customer(s)
b3759	Reconductor approximately 10.5 miles of 115 kV Line #23 segment from Oak Ridge to AC2-079 Tap to minimum emergency ratings of 393 MVA Summer / 412 MVA Winter		Dominion (100%)
b3779	Cut existing 230 kV line #2183 and extend from Poland Road substation to Evergreen Mills substation. Approximately 0.59 miles of new line will be built from the cut-in to the Evergreen Mills substation. Cut and extend the existing 230 kV line #2183 creating a new line #2210 from Brambleton substation to be terminated at Evergreen Mills substation. Approximately 0.59 miles of new line will be built from the cut-in to the Evergreen Mills substation		Dominion (100%)
b3800.118	Line work for terminating Doubs to Bismark line into Woodside 500 kV substation (DOM Portion)		<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (21.09%) / BGE (6.55%) / Dominion (64.94%) / PEPCO (7.42%)</p>

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.120	Aspen substation work to terminate the new NextEra 500 kV line. Include Aspen 500 kV substation portion build	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (9.18%) / BGE (7.21%) / Dominion (72.52%) / PEPCO (11.09%)</p>
b3800.200	Build a new 500 kV line from Aspen - Golden on 500/230 kV double circuit structures with substation upgrades at Aspen and Golden. New conductor to have a minimum summer normal rating of 4357 MVA	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: Dominion (100%)</p>
b3800.201	Install two 500/230 kV transformer at Golden substation	Dominion (100%)
b3800.202	Install one 500/230 kV transformer at Aspen substation	Dominion (86.28%) / PEPCO (13.72%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.203	Install a second 500/230 kV 1440 MVA transformer at Mars substation	Dominion (100%)
b3800.204	Reconductor 0.5 mile section of 230 kV line No. 2150 Golden - Paragon Park Circuit 1 to achieve a summer rating of 1573 MVA	Dominion (100%)
b3800.205	Reconductor 0.5 mile section of 230 kV line No. 2081 Golden - Paragon Park Circuit 2 to achieve a summer rating of 1573 MVA	Dominion (100%)
b3800.206	Upgrade Paragon Park substation line conductors to 4000A continuous current rating for 230 kV lines No. 2081 and No. 2150	Dominion (100%)
b3800.207	Reconductor 230 kV line No. 2207 Paragon Park – BECO to achieve a summer rating of 1573 MVA	Dominion (100%)
b3800.208	Upgrade Paragon Park substation conductor and line leads to 4000A continuous current rating for 230 kV line No. 2207	Dominion (100%)
b3800.209	Upgrade BECO substation equipment to 4000A continuous current rating for 230 kV line No.2207	Dominion (100%)
b3800.210	Build a new 230 kV line from Mars - Lockridge on 500/230 kV double circuit structures to achieve a summer rating of 1573 MVA. Install 230 kV equipment at Mars and Lockridge substations	Dominion (100%)
b3800.211	Build a new 230 kV line from Lockridge - Golden on 500/230 kV double circuit structures to achieve a summer rating of 1573 MVA. Install 230 kV equipment at Golden and Lockridge substations	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.212	Build a new 500 kV line from Mars - Golden on 500/230 kV double circuit structures with substation upgrades at Golden and Mars. New conductor to have a minimum summer normal rating of 4357 MVA	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (99.96%) / Dominion (0.04%)</p>
b3800.213	Cut 500 kV line No. 558 Brambleton - Goose Creek into Aspen substation. Upgrade 500 kV terminal equipment at Aspen and Goose Creek to 5000A continuous rating current. At Goose Creek, replace circuit breakers 59582 and 55882, and associated disconnect switches, breaker leads, bus, and line risers to accommodate 5000A rating	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (99.39%) / Dominion (0.61%)</p>

*Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.214	Build a new 500 kV line from Aspen - Goose Creek to achieve a summer rating of 4357 MVA. Install new 500 kV terminal equipment at Aspen	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (99.39%) / Dominion (0.61%)</p>
b3800.215	Cut 230 kV line No. 2150 Sterling Park - Paragon Park Circuit 1 into Golden substation and install 230 kV equipment at Golden. Upgrade relay settings at Golden substation for upgrading 230 kV line No. 2150 to 4000A continuous current rating	Dominion (100%)
b3800.216	Cut 230 kV line No. 2081 Sterling Park - Paragon Park Circuit 2 into Golden substation and install 230 kV equipment at Golden. Upgrade relay settings at Golden substation for upgrading 230 kV line No. 2081 to 4000A continuous current rating	Dominion (100%)
b3800.217	Build a new 230 kV line from Aspen - Sycolin Creek on 500/230 kV double circuit structures to achieve a summer rating of 1573 MVA. Install 230 kV equipment at Golden and Sycolin Creek substations	Dominion (86.28%) / PEPCO (13.72%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.218	Build a new 230 kV line from Sycolin Creek - Golden on 500/230 kV double circuit structures to achieve a summer rating of 1573 MVA. Install 230 kV equipment at Golden and Sycolin Creek substations	Dominion (100%)
b3800.219	Replace seven overdutied 230 kV breakers at Beaumeade substation with 80 kA breakers	Dominion (100%)
b3800.220	Replace four overdutied 230 kV breakers at BECO substation with 80 kA breakers	Dominion (100%)
b3800.221	Replace four overdutied 230 kV breakers at Belmont substation with 80 kA breakers	Dominion (100%)
b3800.222	Replace one overdutied 230 kV breaker at Discovery substation with 80 kA breaker	Dominion (100%)
b3800.223	Replace one overdutied 230 kV breaker at Pleasant View substation with 80 kA breaker	Dominion (100%)
b3800.224	Replace two overdutied 230 kV breakers at Shellhorn substation with 80 kA breakers	Dominion (100%)
b3800.225	Change 500 kV line No. 558 destination at Brambleton to Aspen substation and upgrade line protection relays	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (5.20%) / DL (0.46%) / Dominion (91.40%) / ME (0.59%) / PEPCO (2.35%)</p>

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.226	Change 230 kV lines No. 2081 and No. 2150 at Paragon Park substation destination to Golden substation and upgrade line protection relays	Dominion (100%)
b3800.227	Change 230 kV lines No. 2081 and No. 2150 at Sterling Park substation destination to Golden substation and upgrade line protection relays	Dominion (100%)
b3800.228	Reconductor 1.47 miles of 230 kV lines No. 2081 and No. 2150 from Sterling Park to Golden substation. Upgrade terminal equipment at Sterling Park to 4000A continuous current	Dominion (100%)
b3800.229	Reconductor 0.67 miles of 230 kV lines No. 2194 and No. 9231 from Davis Drive to Sterling Park substation. Terminal equipment at remote end substations will be installed or upgraded to 4000A continuous current rating to support new conductor ratings	Dominion (100%)
b3800.230	Reset relays at Breezy Knoll for the revised current rating of 230 kV line No. 2098 Pleasant View - Hamilton	Dominion (100%)
b3800.231	Reset relays at Dry Mill for the revised current rating of 230 kV line No. 2098 Pleasant View - Hamilton	Dominion (100%)
b3800.232	Reset relays at Hamilton for the revised current rating of 230 kV line No. 2098 Pleasant View - Hamilton	Dominion (100%)
b3800.233	Upgrade equipment to 4000A continuous current rating at Pleasant View substation in support of 230 kV line No. 2098 wreck and rebuild. Replace circuit breakers 274T2098 & 2098T2180 and associated disconnect switches, breaker leads, bus, and line risers to accommodate 4000A rating	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement		Responsible Customer(s)
b3800.234	Wreck and rebuild approximately one mile of 230 kV line No. 2098 between Pleasant View and structure 2098/9, where line No. 2098 turns towards Hamilton substation		Dominion (100%)
b3800.235	Replace five overdutied 230 kV breakers at Loudoun substation with 80 kA breakers		Dominion (100%)
b3800.236	Replace two overdutied 230 kV breakers at Ox substation with 63 kA breakers		Dominion (100%)
b3800.237	Replace two overdutied 230 kV breakers at Pleasant View substation with 63 kA breakers		Dominion (100%)
b3800.238	Upgrade equipment to 4000A continuous current rating at Pleasant View substation in support of 230 kV line No. 203 rebuild. Replace circuit breakers 203T274 & L3T203 and associated disconnect switches, breaker leads, bus, and line risers to accommodate 4000A rating		APS (8.09%) / BGE (8.25%) / Dominion (64.87%) / PEPCO (18.79%)
b3800.239	Wreck and rebuild 230 kV line No. 203 between Pleasant View and structure 203/15 using double circuit 500/230 kV structures. The 500 kV line is from Aspen - Doubs		APS (8.09%) / BGE (8.25%) / Dominion (64.87%) / PEPCO (18.79%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.240	Build a new 500 kV line from Aspen - Doubs using double circuit 500/230 kV structures. The 230 kV line is from Pleasant View - structure 203/15. Install terminal equipment at Aspen for a 5000A line to Doubs. This includes GIS breakers, GIS-to-AIS transition equipment, and metering CCVTs and CTs for the tie line	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (0.09%) / Dominion (99.89%) / PEPCO (0.02%)</p>
b3800.241	Rebuild 500 kV line No. 514 from Goose Creek - Doubs using 500/230 kV double circuit structures. The new double circuit towers will accommodate 230 kV line No. 2098 between Pleasant View substation and structure 2098/9. Upgrade equipment at Goose Creek to 5000A continuous current rating in support of line No. 514 wreck and rebuild. Replace circuit breakers 514T595 & 51482 and associated disconnect switches, breaker leads, bus, and line risers to accommodate 5000A rating	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (0.08%) / Dominion (99.90%) / PEPCO (0.02%)</p>
b3800.242	Upgrading switches 20366M and 20369M and line leads to 4000A continuous current rating of 230 kV line No. 203 at Edwards Ferry substation	APS (11.45%) / BGE (14.14%) / Dominion (42.82%) / PEPCO (31.59%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement		Responsible Customer(s)
b3800.300	Rebuild 230 kV line No. 2135 Hollymeade Junction – Cash’s Corner using double-circuit capable 500/230 kV poles. New conductor has a summer rating of 1573 MVA. (The 500 kV circuit will not be wired as part of this project)		Dominion (100%)
b3800.301	Rebuild 230 kV line No. 2135 Cash’s Corner - Gordonsville using double-circuit capable 500/230 kV poles. New conductor has a summer rating of 1573 MVA. (The 500 kV circuit will not be wired as part of this project)		Dominion (100%)
b3800.302	Upgrade Cash’s Corner switches 213576 and 213579 and line leads to 4000A continuous current rating of 230 kV line No. 2135		Dominion (100%)
b3800.303	Upgrade Gordonsville substation line leads to 4000A continuous current rating of 230 kV line No. 2135		Dominion (100%)
b3800.304	Upgrade Hollymeade substation switch 213549 and line leads to 4000A continuous current rating of 230 kV line No. 2135		Dominion (100%)
b3800.305	Install one 230 kV 300 MVAR STATCOM and associated equipment at Beaumeade 230 kV substation		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.306	Install one 500 kV, 150 MVAR Shunt Capacitor Bank and associated equipment at Morrisville substation. This addition will require a control house expansion to accommodate for two new panels	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPSCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: Dominion (100%)</p>
b3800.307	Install one 500 kV, 300 MVAR STATCOM and associated equipment at Mars substation	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPSCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: Dominion (100%)</p>
b3800.308	Install one 230 kV, 150 MVAR Shunt Capacitor Bank and associated equipment at Mars substation	Dominion (100%)
b3800.309	Install one 230 kV, 150 MVAR Shunt Capacitor Bank and associated equipment at Wishing Star substation	Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.310	Install one 500 kV, 293.8 MVAR Shunt Capacitor Bank & associated equipment at Wishing Star substation	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: Dominion (100%)</p>
b3800.311	Rebuild 500 kV line No. 545 Bristers - Morrisville as a single circuit monopole line to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 4357 MVA	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: Dominion (91.07%) / PEPCO (8.93%)</p>

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.312	Rebuild 500 kV line No. 569 Loudoun - Morrisville to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 4357 MVA	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (11.72%) / Dominion (88.28%)</p>
b3800.313	Rebuild approximately 10.29 miles 500 kV line segment of line No. 535 (Meadow Brook to Loudoun) to accommodate the new 500 kV line in the existing ROW	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (13.93%) / BGE (6.86%) / Dominion (70.92%) / PEPCO (8.29%)</p>

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.314	Rebuild approximately 4.83 miles of 500 kV line No. 546 Mosby - Wishing Star to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 4357 MVA. Upgrade and install equipment at Mosby substation to upgrade terminal equipment to be rated for 5000A for 500 kV line No. 546	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (41.98%) / Dominion (34.03%) / PEPCO (23.99%)</p>
b3800.315	Rebuild approximately 4.59 miles of 500 kV line No. 590 Mosby - Wishing Star to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 4357 MVA. Upgrade and install equipment at Mosby substation to upgrade terminal equipment to be rated for 5000A for 500 kV line No. 590	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (41.98%) / Dominion (34.03%) / PEPCO (23.99%)</p>
b3800.316	Rebuild approximately 6.17 miles of 230 kV line No. 2030 Gainesville - Mint Springs to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA	Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.317	Rebuild approximately 1.58 miles of 230 kV line No. 2030 Mint Springs - Loudoun to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA	Dominion (100%)
b3800.318	Rebuild approximately 4.2 miles of 230 kV line No. 2045 Loudoun - North Star to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA	Dominion (100%)
b3800.319	Rebuild approximately 0.88 miles of 230 kV line No. 2045 North Star - Brambleton to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA	Dominion (100%)
b3800.320	Rebuild approximately 1.22 miles of 230 kV line No. 2227 Brambleton - Racefield to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA	Dominion (100%)
b3800.321	Rebuild approximately 3.69 miles of 230 kV line No. 2094 Racefield - Loudoun to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA	Dominion (100%)
b3800.322	Rebuild approximately 9.16 miles of 230 kV line No. 2101 Bristers - Nokesville to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA	Dominion (100%)
b3800.323	Rebuild approximately 2.89 miles of 230 kV line No. 2101 Nokesville - Vint Hill TP to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.324	Rebuild approximately 0.33 miles of 230 kV line No. 2101 Vint Hill TP - Vint Hill to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA	Dominion (100%)
b3800.325	Rebuild approximately 3.32 miles of 230 kV line No. 2114 Rollins Ford - Vint Hill to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA	Dominion (100%)
b3800.326	Rebuild approximately 10.09 miles of 230 kV line No. 2114 Vint Hill - Elk Run to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA	Dominion (100%)
b3800.327	Rebuild approximately 4.43 miles of 230 kV line No. 2140 Heathcote - Catharpin to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA	Dominion (100%)
b3800.328	Rebuild approximately 2.88 miles of 230 kV line No. 2140 Catharpin - Loudoun to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA	Dominion (100%)
b3800.329	Rebuild approximately 0.25 miles of 230 kV line No. 2151 Railroad DP - Gainesville to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA	Dominion (100%)
b3800.330	Rebuild approximately 4.14 miles of 230 kV line No. 2163 Vint Hill - Liberty to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement		Responsible Customer(s)
b3800.331	Rebuild approximately 0.48 miles of 230 kV line No. 2176 Heathcote - Gainesville to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA		Dominion (100%)
b3800.332	Rebuild approximately 1.11 miles of 230 kV line No. 2222 Rollins Ford - Gainesville to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA		Dominion (100%)
b3800.333	Rebuild approximately 1.65 miles of 115 kV line No. 183 Bristers - Ox to accommodate the new 500 kV line in the existing ROW. New conductor to have a summer rating of 1573 MVA		Dominion (100%)
b3800.334	Replace four overdutied 230 kV breakers at Loudoun Substation with 80 kA breakers		Dominion (100%)
b3800.335	Replace one overdutied 500 kV breaker at Ox Substation with a 63 kA breaker		Dominion (100%)
b3800.336	Upgrade and install equipment at Bristers substation to support the new conductor 5000A rating for 500 kV line No. 545		<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: Dominion (91.07%) / PEPCO (8.93%)</p>

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement		Responsible Customer(s)
b3800.337	Upgrade and install equipment at Brambleton substation to support the new conductor termination. All terminal equipment for 230 kV lines No. 2045 and No. 2094 to be rated for 4000A continuous current rating		Dominion (100%)
b3800.338	Revise relay settings at Dawkins Branch 230 kV station		Dominion (100%)
b3800.339	Upgrade and install equipment at Gainesville 230 kV substation to support the new conductor termination. All terminal equipment for 230 kV line No. 2030 to be rated for 4000A continuous current rating		Dominion (100%)
b3800.340	Revise relay settings at Heathcote 230 kV station		Dominion (100%)
b3800.341	Upgrade and install equipment at Loudoun substation for 230 kV line No. 2094 Loudoun - Racefield to be rated for 4000A continuous current rating		Dominion (100%)
b3800.342	Upgrade and install equipment at Loudoun substation for 230 kV line No. 2045 Loudoun - North Star to be rated for 4000A continuous current rating		Dominion (100%)
b3800.343	Upgrade and install equipment at Loudoun substation for 230 kV line No. 2030 Loudoun - Mint Springs to be rated for 4000A continuous current rating		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.344	Upgrade and install equipment at Loudoun substation to support the new conductor 5000A rating for 500 kV line No. 569 Loudoun - Morrisville	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (11.72%) / Dominion (88.28%)</p>
b3800.345	Revise relay settings at 230 kV Mint Springs station	Dominion (100%)
b3800.346	Upgrade and install equipment at Morrisville substation to support the new 500 kV conductor termination. All terminal equipment to be rated for 5000A for 500 kV line No. 545 and No. 569. Upgrade 500 kV bus 2 to 5000A	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (11.72%) / Dominion (88.28%)</p>
b3800.347	Revise relay settings at North Star 230 kV station	Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.348	Revise relay settings at Racefield 230 kV station	Dominion (100%)
b3800.349	Revise relay settings at Railroad 230 kV station	Dominion (100%)
b3800.350	Install terminal equipment at Vint Hill 500 kV substation to support a 5000A line to 500 kV Morrisville substation. Update relay settings for 230 kV lines No. 2101, No. 2163, and 500 kV line No. 535	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%) <hr/> DFAX Allocation: APS (9.79%) / Dominion (90.21%)
b3800.351	Update relay settings at Vint Hill for 230 kV line No. 2101 Vint Hill - Bristers	Dominion (100%)
b3800.352	Update relay settings at Vint Hill for 230 kV line No. 2163 Vint Hill - Liberty	Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.353	Update relay settings at Vint Hill for 500 kV line No. 535 Vint Hill - Loudoun	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (13.93%) / BGE (6.86%) / Dominion (70.92%) / PEPCO (8.29%)</p>
b3800.354	Install terminal equipment at Wishing Star 500 kV substation to support a 5000A line to Vint Hill. Update relay settings for 500 kV lines No. 546 and No. 590	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (21.45%) / Dominion (78.55%)</p>
b3800.355	Revise relay settings at Youngs Branch 230 kV station	Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.356	Build a new 500 kV line from Vint Hill to Wishing Star. The line will be supported on single circuit monopoles. New conductor to have a summer rating of 4357 MVA. Line length is approximately 16.59 miles	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (21.45%) / Dominion (78.55%)</p>
b3800.357	Build a new 500 kV line from Morrisville to Vint Hill. New conductor to have a summer rating of 4357 MVA. Line length is approximately 19.71 miles	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / Dominion (14.20%) / DPL (2.57%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: APS (9.79%) / Dominion (90.21%)</p>
b3800.358	Replace single unit Locks 230/115 kV 168 MVA transformer TX No.7 with new single unit transformer with a rating of 224 MVA. Lead lines at the 115 kV level will be upgraded to 2000A	Dominion (100%)

*Neptune Regional Transmission System, LLC

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.359	Wreck and rebuild 230 kV line No. 2090 Ladysmith CT - Summit D.P. segment as a double circuit 230 kV line to achieve a summer rating of 1573 MVA. Only one circuit will be wired at this stage. Upgrade circuit breaker leads, switches and line leads at Ladysmith CT to 4000A	Dominion (100%)
b3800.360	Rebuild 230 kV line No. 2054 Charlottesville - Proffit DP using double-circuit capable 500/230 kV poles. (The 500 kV circuit will not be wired as part of this project)	Dominion (100%)
b3800.361	Rebuild 230 kV line No. 233 Charlottesville - Hydraulic Road - Barracks Road - Crozet-Dooms	Dominion (100%)
b3800.362	Rebuild 230 kV line No. 291 segment from Charlottesville - Barracks Road	Dominion (100%)
b3800.363	Rebuild 230 kV line No. 291 segment from Barracks Road - Crozet	Dominion (100%)
b3800.364	Rebuild 230 kV line No. 291 segment Crozet - Dooms	Dominion (100%)
b3800.365	Hollymeade substation Relay Revision for 230 kV line No. 2054 Charlottesville - Hollymeade	Dominion (100%)
b3800.366	Upgrade the terminal equipment at 230 kV Charlottesville station to 4000A for 230 kV line No. 2054 (Charlottesville - Hollymeade)	Dominion (100%)
b3800.367	Proffit DP substation Relay revision for 230 kV line No. 2054 Charlottesville - Hollymeade	Dominion (100%)
b3800.368	Barracks Road substation relay reset to accommodate the rebuilt line 230 kV lines No. 233 and No. 291	Dominion (100%)
b3800.369	Crozet substation relay reset to accommodate the rebuilt 230 kV lines No. 233 and No. 291	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.370	Charlottesville 230 kV substation terminal equipment upgrade for 230 kV lines No. 233 and No. 291 rebuild	Dominion (100%)
b3800.371	Upgrade Hydraulic Road substation equipment for 230 kV line No. 233 and No. 291 rebuild	Dominion (100%)
b3800.372	Dooms substation terminal equipment upgrade for 230 kV line No. 233 and No. 291 rebuild	Dominion (100%)
b3800.373	Wreck and rebuild approximately 7.14 miles of 230 kV line No. 256 from St. Johns to structure 256/108 to achieve a summer rating of 1573 MVA. Line switch 25666 at St. Johns to be upgraded to 4000A	Dominion (100%)
b3800.374	Reconductor approximately 5.30 miles of 230 kV line No. 256 from Ladysmith CT to structure 256/107 to achieve a summer rating of 1573 MVA. Terminal equipment at remote end substations will be upgraded to 4000A	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.375	Construct new Woodside – Goose Creek 500 kV line for approximately 3 miles on single circuit monopole structures within the Doubs – Goose Creek corridor. (Dominion Portion)	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: (APS 9.26%) / BGE (7.30%) / Dominion (72.31%) / PEPCO (11.13%)</p>

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.401	Replace Ashburn 230 kV breaker SC432 with a breaker rated 63 kA	Dominion (100%)
b3800.402	Replace Beaumeade 230 kV breaker 227T2152 with a breaker rated 80 kA	Dominion (100%)
b3800.403	Replace BECO 230 kV breakers 215012 and H12T2150 with breakers rated 63 kA	Dominion (100%)
b3800.404	Replace Belmont 230 kV breaker 227T2180 with a breaker rated 80 kA	Dominion (100%)
b3800.405	Replace Brambleton 230 kV breakers 20102, 20602, 204502, 209402, 201T2045, 206T2094 with breakers rated 80 kA	Dominion (100%)
b3800.406	Replace Gainesville 230 kV breaker 216192 with a breaker rated 80 kA	Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3800.407	Replace Loudoun 230 kV breakers 204552, 217352 with breakers rated 80 kA	Dominion (100%)
b3800.408	Replace Ox 230 kV breakers 22042, 24342, 24842, 220T2063, 243T2097, 248T2013, H342 with breakers rated 80 kA	Dominion (100%)
b3800.409	Replace Paragon Park 230 kV breakers 208132, 215032, 2081T2206, 2150T2207 with breakers rated 80 kA	Dominion (100%)
b3800.410	Replace Reston 230 kV breaker 264T2015 with a breaker rated 63 kA	Dominion (100%)
b3800.411	Replace Stonewater 230 kV breakers 20662-1, 20662-2, 217862-1, 217862-2 with breakers rated 80 kA	Dominion (100%)
b3800.412	Replace Waxpool 230 kV breakers 214922-5, 214922-6, 216622-5, 216622-6 with breakers rated 63 kA	Dominion (100%)
b3850.1	Rebuild approximately 13.51 miles of 500 kV Line #588 from structure 588/184 inside Yadkin substation to structure 588/254 outside of Fentress substation	Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPSCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%) <hr/> DFAX Allocation: Dominion (100%)

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3850.2	Line No. 588 terminal equipment at Yadkin substation will be upgraded to a rating of 5000A. Since the new 500 kV line will be using fiber, the wave trap will be removed and the line protection scheme will be updated	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: Dominion (100%)</p>
b3850.3	At Fentress substation, since the new 500 kV line will be using fiber, the wave trap will be removed and the line protection scheme will be updated	<p>Load-Ratio Share Allocation: AEC (1.58%) / AEP (13.71%) / APS (5.49%) / ATSI (7.69%) / BGE (4.16%) / ComEd (13.25%) / Dayton (2.07%) / DEOK (3.18%) / DL (1.65%) / DPL (2.57%) / Dominion (14.20%) / EKPC (2.30%) / JCPL (3.80%) / ME (1.88%) / NEPTUNE* (0.42%) / OVEC (0.06%) / PECO (5.32%) / PENELEC (1.81%) / PEPCO (3.79%) / PPL (4.58%) / PSEG (6.24%) / RE (0.25%)</p> <hr/> <p>DFAX Allocation: Dominion (100%)</p>

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Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b3853.1	Replace over duty Ladysmith CT 230 kV circuit breakers SX1272 and SX3472 with an interrupting rating of 63 kA	Dominion (100%)
b3854.1	Replace over duty Carson 230 kV circuit breakers 200272 and 24972-3 with an interrupting rating of 63 kA	Dominion (100%)