

Virginia State Corporation Commission

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Case Number (if already assigned) PUR-2023-00061

Case Name (if known) Application of Appalachian Power Company for approval of a rate adjustment clause under Va. Code § 56-585.1 A 4

Document Type APLA

Document Description Summary Application of Appalachian Power Company for approval of a rate adjustment clause under Va. Code § 56-585.1 A 4 (Part 2 of 2)

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SCHEDULE 46

20230529

Appalachian Power Company - VA Case No. PUR-2023-00061

Schedule Index

Projected Rate Adjustment Clause Pursuant to § 56-585.1 A 4 of the Code of Virginia

Rate Case Rule	Schedule	Witness Sponsor	Schedule		Description
20VAC5-204-60 Schedule 3	Schedule 3 - Capital Structure and Cost of Capital Statement - Per Books and Average	CEN	Schedule 3		
20VAC5-204-60 Schedule 4	Schedule 4 - Schedules of Long-Term Debt, Preferred and Preference Stock, Job Development Credits, and Any Other Component of Ratemaking Capital	CBN	Schedule 4		
20VAC5-204-60 Schedule 5	Schedule 5 - Schedules of Short-Term Debt, Revolving Credit Agreements, and similar Short-Term Financing Arrangements	CEN	Schedule 5		
20VAC5-204-60 Schedule 8	Schedule 8 - Proposed Cost of Capital Statement Instructions: Provide the applicant's proposed capital structure/cost of capital schedule. In conjunction provide schedules that support the amount and cost rate of each component of the proposed capital structure, and explain all assumptions used.	CEN	Schedule 8		

Rate Case Rule	Schedule 46 Index	Witness Sponsor	Section	Statement	Description
20VAC5-204-90 Schedule 46 a 1	A schedule of all projected and actual costs, by type of cost and year.	BJF	1 - Actuals	1	Actuals
				1	Cost of Service Summary
				2	Cost of Service Itemization/VA. Jurisdictional Allocation Factors
				3	Derivation of PJM Charges
				4	Regional Transmission Enhancement Project Charges
				5	Derivation of PJM Administrative Charges
				6	Update Calculation
20VAC5-204-90 Schedule 46 a 2	Provide transaction-level details to facilitate the sampling and audit of such actual costs electronically to the Division of Utility Accounting and Finance in an electronic spreadsheet with all underlying formulas and assumptions. Provide the information for the period covered by the most recently completed true-up of the Federal Energy Regulatory Commission wholesale transmission formula rate as of the application filing date.	BJF	2	1	Provided April 25, 2023 via Staff Informal Set 1
				2	
20VAC5-204-90 Schedule 46 a 3	The annual revenue requirement over the duration of the proposed rate adjustment clause by year and by class on a total company and Virginia jurisdictional basis, including all supporting calculations and assumptions.	CEN	3	1	Revenue Requirement Calculation
				2	Rate Year Revenue Req. by Class
				3	RAC Revenue by Class
20VAC5-204-90 Schedule 46 a 4	Detailed information relative to the applicant's methodology for allocating the revenue requirement among rate classes and the design of class rates.	CEN	4	1	Customer Class Demand and Energy Allocators
				2	TOD Revenue Requirement and Rate Design
				3	Rate Design
				4	Revenue Proof
				5	Rate Design Billing Determinants
				6	Rate Design Billing Determinants - TOD
20VAC5-204-90 Schedule 46 a 5	The docket or case number and Federal Energy Regulatory Commission ruling approving the wholesale transmission formula, rate, or cost for which the applicant is seeking recovery approval. In lieu of providing copies of such rulings, the applicant may provide a link to where such information can be found on the Internet.		5	1	

APCo Exhibit No. __
 Witness CEN
 Schedule 3
 Page 1 of 2

APPALACHIAN POWER COMPANY
 CAPITAL STRUCTURE AND COST OF CAPITAL STATEMENT - PER BOOKS AND AVERAGE
 GENERATION, TRANSMISSION AND DISTRIBUTION FUNCTIONS
 AS OF 12/31/22

	12/31/21	12/31/22
	\$	\$
A.1. <u>American Electric Power Co., Inc.</u>		
<u>Capital Structure Per</u>		
<u>Balance Sheet</u>	(\$000)	
Short-term Debt	2,447,000	4,281,900
Customer Deposits	-	-
Other Current Liabilities	213,200	165,800
Long-term Debt	6,769,300	7,372,500
Preferred & Preference Stock	-	-
Mezzanine Equity	43,300	45,900
Common Equity	22,433,200	23,893,400
Investment Tax Credits	-	-
Other Tax Deferrals	-	-
Other Liabilities	132,900	112,100
Total Capitalization	<u>32,038,900</u>	<u>35,871,600</u>

A.2. <u>Appalachian Power Co.</u>		
<u>(Consolidated)</u>		
<u>Capital Structure Per</u>		
<u>Balance Sheet</u>	(\$000)	
Short-term Debt	199,283	182,155
Customer Deposits	73,923	75,090
Other Current Liabilities	604,151	845,611
Long-term Debt	4,938,890	5,410,553
Preferred & Preference Stock	-	-
Common Equity	4,648,036	4,975,472
Investment Tax Credits	307	295
Other Tax Deferrals	2,242,105	2,313,980
Other Liabilities	122,784	137,590
Total Capitalization	<u>12,829,480</u>	<u>13,940,746</u>

A.3. <u>Appalachian Power Co.</u>		
<u>Capital Structure Per</u>		
<u>Balance Sheet</u>	(\$000)	
Short-term Debt ⁽¹⁾	199,283	182,155
Customer Deposits	73,923	75,090
Other Current Liabilities	599,148	841,279
Long-term Debt	4,740,075	5,237,227
Preferred & Preference Stock	-	-
Common Equity ⁽⁸⁾	4,646,135	4,973,570
Investment Tax Credits ⁽⁵⁾	307	295
Other Tax Deferrals ⁽⁶⁾	2,247,319	2,318,637
Other Liabilities ⁽⁷⁾	122,784	137,298
Total Capitalization	<u>12,628,975</u>	<u>13,765,552</u>

APPALACHIAN POWER COMPANY
 CAPITAL STRUCTURE AND COST OF CAPITAL STATEMENT - PER BOOKS AND AVERAGE
 GENERATION, TRANSMISSION AND DISTRIBUTION FUNCTIONS
 AS OF 12/31/22

	12/31/21	12/31/22
	\$	\$
B. Appalachian Power Company <u>Capital Structure For Ratemaking Purposes</u>	(\$000)	
Short-term Debt ⁽²⁾	15,589	149,980
Long-term Debt	4,671,870	5,171,721
Preferred & Preference Stock	-	-
Common Equity	4,646,135	4,973,570
Accumulated Deferred Investment Tax Credits ⁽³⁾⁽⁴⁾	-	-
Total Capitalization	<u>9,333,594</u>	<u>10,295,271</u>
 C. Appalachian Power Company <u>Capital Structure Weights For Ratemaking Purposes</u>	 (%)	
Short-term Debt	0.167	1.457
Long-term Debt	50.054	50.234
Preferred & Preference Stock	0.000	0.000
Common Equity	49.779	48.309
Accumulated Deferred Investment Tax Credits	0.000	0.000
Total Capitalization (100%)	<u>100.000</u>	<u>100.000</u>
 D. Appalachian Power Company <u>Component Capital Cost Rates ⁽⁸⁾</u> (%)	 (%)	
Short-term Debt ⁽²⁾	0.256	4.430
Long-term Debt	4.506	4.774
Preferred & Preference Stock	0.000	0.000
Common Equity (Authorized)	9.200	9.200
Accumulated Deferred Investment Tax Credits	0.000	0.000
 E. Appalachian Power Company <u>Weighted Cost of Capital</u>	 (%)	
Short-term Debt	0.000	0.065
Long-term Debt	2.256	2.398
Preferred & Preference Stock	0.000	0.000
Common Equity (Authorized)	4.580	4.444
Accumulated Deferred Investment Tax Credits	0.000	0.000
Total Weighted Cost of Capital	<u>6.836</u>	<u>6.907</u>

APPALACHIAN POWER COMPANY - VIRGINIA
VIRGINIA SCC QUARTERLY REVIEW
EFFECTIVE COST OF LONG-TERM DEBT
ACTUAL AS OF DECEMBER 31, 2022

SPPU'S	ISSUE DATE	DUE DATE	AVERAGE TERM IN YEARS	PRINCIPAL AMOUNT ISSUED	PREMIUM OR (DISCOUNT) AT ISSUANCE	COMPANY ISSUANCE EXPENSE	NET BALANCE UNAUTHORIZED DISCOUNTS	LOSS IS + NET BALANCE UNAMORTIZED DISCOUNTS	GAIN (LOSS)	NET PROCEEDS AT ISSUANCE	NET PROCEEDS RATIO	FACE AMOUNT CURRENTLY OUTSTANDING	NET PROCEEDS OUTSTANDING 12/31/2022	ANNUALIZED COST		WEIGHTED COST RATE		
														%				
Senior Notes																		
3.400%	5/1/2018	6/1/2025	10.03	300,000,000	(1,054,900)	2,312,700	(745,500)	539,294	-	-	(a)	254,627,237	95.87	3,534	300,000,000	259,312,208	10,574,497	
3.400%	5/20/2014	6/1/2024	30.03	300,000,000	(2,063,000)	2,672,170	(1,181,533)	7,132,031	-	-	(b)	224,044,822	99.31	3,403	300,000,000	296,408,517	13,346,154	
4.450%	5/18/2015	6/1/2045	30.03	350,000,000	(2,330,500)	97,872,163	(1,083,025)	2,983,071	70,266,919	-	(c)	249,597,337	71.31	6,674	350,000,000	275,756,168	18,370,341	
3.800%	9/29/2003	10/1/2023	29.99	250,000,000	(1,900,000)	(411,465)	(602,208)	996,034	-	-	(d)	248,511,465	98.40	5,842	250,000,000	248,211,757	14,501,198	
5.550%	5/8/2003	5/15/2033	30.01	280,000,000	(422,000)	8,730,836	(145,360)	654,419	1,827,678	(383,070)	(e)	189,847,002	95.42	6,291	200,000,000	190,895,451	12,382,219	
8.275%	4/10/2003	5/15/2036	29.99	280,000,000	(2,735,000)	7,071,120	(1,341,000)	1,002,000	2,571,120	(247,771)	(f)	237,120,171	101.12	9,251	280,000,000	237,120,171	15,000,001	
0.200%	8/1/2007	8/1/2037	30.00	250,000,000	(83,200)	3,348,344	(30,343)	1,141,407	2,246,744	(2,428,323)	(g)	247,828,158	99.04	6,778	250,000,000	248,828,231	10,658,442	
7.000%	3/2/2008	4/1/2038	30.00	500,000,000	(9,200,000)	9,237,170	(1,666,310)	1,666,310	(2,428,323)	(h)	487,462,824	97.49	7,205	500,000,000	493,656,624	39,668,007		
3.200%	5/11/2017	6/1/2027	10.08	325,000,000	(1,067,500)	2,648,080	(729,016)	1,155,936	-	-	(i)	370,694,440	98.68	3,457	325,000,000	323,114,042	11,180,418	
4.500%	3/6/2019	3/1/2049	29.97	400,000,000	(2,725,000)	4,155,430	(2,384,400)	3,633,323	-	-	(j)	393,189,564	98.28	4,607	400,000,000	393,189,564	18,488,852	
2.700%	5/11/2019	5/1/2049	29.97	400,000,000	(2,725,000)	5,186,300	(2,384,400)	3,633,323	-	-	(k)	407,585,558	98.30	3,700	400,000,000	402,683,033	18,600,209	
2.700%	3/11/2021	4/1/2031	10.05	500,000,000	(2,933,000)	(4,433,467)	(1,709,117)	3,400,031	-	-	(l)	504,230,487	100.83	2,604	500,000,000	503,471,055	13,169,003	
4.500%	8/1/2022	8/1/2032	9.99	500,000,000	(1,151,000)	4,165,337	(1,260,206)	4,021,179	-	-	(m)	494,496,653	98.90	4,639	500,000,000	494,716,813	22,048,813	
					4,623,000,000							4,472,844,554			4,628,000,000	4,317,738,064	221,468,662	
Term Loan																		
5.819%	5/29/2022	5/29/2023	3.00	123,000,000	-	518,004	-	400,818	-	-	(n)	124,484,296	99.56	3,770	123,000,000	124,509,162	7,239,473	
4.537%	7/22/2022	6/22/2023	1.08	100,000,000	-	15,171	-	8,662	-	-	(o)	89,864,829	99.98	4,848	100,000,000	99,991,118	4,847,726	
					223,000,000							224,469,023			223,000,000	224,530,300	17,087,960	
State Lendercheck of Property																		
12.67%	6/7/1990	6/5/2026	29.98	2,558,040	-	-	-	-	-	-		2,639,040	100.00	13,870	1,813,015	1,813,015	247,636	
					2,558,040							2,639,040			1,813,015	1,813,015	247,636	
Investment Purchase Contracts																		
WV EDA SMCR/RB Mortgageline Project - Series 2008A	3.600%	1/13/2016	2/1/2036	20.05	75,000,000	-	748,038	-	239,504	197,061	-	(p)	74,253,964	99.01	3,952	75,000,000	74,553,435	2,946,879
WV EDA SMCR/RB Mortgageline Project - Series 2008B	3.800%	3/1/2016	2/1/2036	19.83	50,273,000	-	571,091	-	165,267	149,478	-	(q)	49,703,909	98.68	3,963	50,275,000	49,939,156	1,969,006
WV EDA PCRR/RB Amco Project - Series 2010A	0.425%	12/23/2020	12/15/2025	4.98	60,000,000	-	718,157	-	226,483	238,029	-	(r)	49,281,043	98.56	0,921	50,000,000	49,533,478	458,156
WV EDA PCRR/RB Amco Project - Series 2011A	1.000%	8/1/2020	6/1/2025	6.00	65,350,000	-	427,820	-	229,016	-	-	(s)	64,822,350	92.35	1,135	65,350,000	65,120,984	738,117
WV EDA PCRR/RB Amco Project - Series 2015A	4/1/2019	4/1/2024	9.00	86,000,000	-	553,361	-	140,538	-	-	(t)	85,444,033	99.35	2,689	86,000,000	85,850,402	2,308,872	
WV EDA PCRR/RB Amco Project - Series 2009A	3.750%	6/1/2022	6/1/2025	3.00	54,373,000	-	680,715	-	277,116	221,653	-	(u)	53,694,283	98.75	4,198	54,373,000	53,970,217	2,291,006
WV EDA PCRR/RB Amco Project - Series 2008B	3.750%	6/1/2022	6/1/2025	3.00	80,000,000	-	642,333	-	263,198	209,151	-	(v)	49,257,607	98.72	4,210	80,000,000	49,257,655	2,053,773
					431,000,000							428,638,680			431,000,000	428,472,379	12,747,152	
															(841,211)		29,410	
Outstanding Balance & Amortization of Costs Associated with Unfunded Debt Redemptions																		
TOTAL LONG-TERM DEBT															5,126,537,049	5,171,729,347	248,887,289	4,774

APPALACHIAN POWER COMPANY
SHORT-TERM DEBT
AS OF DECEMBER 31, 2022

Month	Money Pool		Average Balance (No line of credit fees)
	Total	Dollar Days	
January - 22	\$ 5,621,977,851		\$ 181,354,124
February	2,662,035,659		95,072,702
March	2,029,368,681		65,463,506
April	2,506,528,738		83,550,958
May	5,119,790,363		165,154,528
June	8,975,907,077		299,196,903
July	11,435,806,433		368,896,982
August	-		-
September	-		-
October	2,563,632,858		82,697,834
November	5,444,421,752		181,480,725
December - 22	8,383,319,551		270,429,663
Total	<u>\$ 54,742,788,962</u>		<u>\$ 1,793,297,924</u>

Average Daily Balance \$ 149,980,244

APPALACHIAN POWER COMPANY
 VIRGINIA RETAIL JURISDICTION
 CAPITAL STRUCTURE AND COST OF CAPITAL
 ACTUAL AS OF DECEMBER 31, 2022

N
G
C
R
N
S
P

	Amount Outstanding	Percent %	Cost Rate %	Weighted Return Component %
Long-term Debt	\$ 5,171,720,547	50.234%	4.774	2.398
Short-term Debt	<u>\$ 149,980,244</u>	1.457%	4.430 (b)	<u>0.065</u>
Total Debt	\$ 5,321,700,791			2.463
Preferred Stock	\$ -	0.000%	-	-
Common Stock	\$ 4,973,570,263 (a)	48.309%	9.200	4.444
Investment Tax Credit	\$ -	0.000%	6.944 (c)	-
Total	<u>\$ 10,295,271,054</u>	<u>100.00%</u>		

Overall Cost of Capital 6.907

(a) Excludes Securitization

(b) Short-term debt rate per Schedule 5

(c) Capital structure used to determine cost rate for Accumulated DITC

	Amount Outstanding (\$)	Percent %	Cost Rate %	Weighted Return Component %
Long-term Debt	5,171,720,547	50.977%	4.774	2.433
Preferred Stock	0	0.000%	-	-
Common Equity	<u>4,973,570,263</u>	<u>49.023%</u>	9.200	4.510
Total	<u>10,145,290,810</u>	<u>100.00%</u>		

Overall Cost of Capital 6.944

(d) Weighted Debt Cost for Interest Synchronization:

$$2.4625 + (2.433 \times -) = 2.463$$

APPALACHIAN POWER COMPANY - VIRGINIA
 SUBSECTION A-4 COSTS
 TRANSMISSION RATE ADJUSTMENT CLAUSE (T-RAC)
 COST OF SERVICE SUMMARY
 Rate Year Beginning September 1, 2023

APCO Exhibit No. _____
 Witness CEN
 Schedule 48
 a(1) Statement 1-COS-Summary
 Page 1 of 1

Recovery Item 1 - Current Subsection A-4 Costs

<u>Line No.</u>	<u>Line Item</u>	<u>Amount</u>	<u>Item Location</u>
1	Network Integration Transmission Service Charges	\$ 356,219,860	Schedule 48, Section 1 Statement 2, Page 1 of 1; Col. (E); Line 1
2	Firm and Non-Firm Point to Point Transmission Credits	\$ (4,586,365)	Schedule 48, Section 1 Statement 2, Page 1 of 1; Col. (E); Line 2
3	Ancillary Service Schedule 1A Charges	\$ 441,823	Schedule 48, Section 1 Statement 2, Page 1 of 1; Col. (E); Line 3
4	PJM Transmission Enhancement Charges	\$ 22,727,878	Schedule 48, Section 1 Statement 2, Page 1 of 1; Col. (E); Line 6
5	PJM Administrative Charges	\$ 4,083,317	Schedule 48, Section 1 Statement 2, Page 1 of 1; Col. (E); Line 12
6	Demand Response Program Cost Recovery	\$ —	Schedule 48, Section 1 Statement 2, Page 1 of 1; Col. (E); Line 13
7	Subtotal T-RAC Current Cost of Service (Line 1 - 6)	\$ 378,886,312	

Recovery Item 2 - True-Up of Subsection A-4 Costs

8	T-RAC Prior Period True-up as of March 2023	\$ 18,453,814	Schedule 48, Section 1, Statement 1
9	Subtotal T-RAC True Up (Line 8)	\$ 18,453,814	

Recovery Item 3 - Update - April 2023 thru August 2023

10	Update Period April 2023 thru August 2023	\$ 13,887,942	Schedule 48, Section 1, Statement 7; Page 1 of 1; Line 25(A)
11	Subtotal T-RAC Update (Line 10)	\$ 13,887,942	
12	Total Section A-4 Cost of Service (Line 7+9+11)	\$ 411,028,068	

Demand	\$ 410,584,862
Energy	\$ 443,206
	\$ 411,028,068

PUR-2022-00014 (Energy \$/ Total T-RAC Revenue Requirement) -0.079%
 Current Cost of Service (Energy \$/ Total T-RAC Revenue Requirement) 0.117%

APPALACHIAN POWER COMPANY - APPALACHIAN
TRANSMISSION RATE ADJUSTMENT CLAUSE (T-RAC)
COST OF SERVICE - ITEMIZATION
Rate Year Beginning September 1, 2023

APCO Entity No:
Witness MM/OCEN
Schedule 46
a(1) Statement 2 COS-Tancz
Page 1 of 1

(A) (B) (C) (D) (E)
Cost of Service 9/1/2023 - 8/31/2024

Line No.	Description	APCO's Transmission Expense*	V/A Avail. %	Allocator Description	V/A's Transmission Expense	APCO Total Transmission Expense* Item Location
1	Network Integration Transmission Service (NTTS) Charges	\$ 685,728,094	53.81%	Demand	\$ 358,210,660	Schedule 46, Section 1, Statement 3; Page 1 of 1; Line 7
2	Point to Point Transmission Service Credits	\$ (8,508,843)	53.81%	Demand	\$ (4,586,363)	Schedule 46, Section 1, Statement 3; Page 1 of 1; Line 8
3	Ancillary Service Schedule 1A Charges (TransMileage, Owner Scheduling, System Control and Load Dispatching)	\$ 842,744	82.43%	Energy	\$ 441,623	Schedule 46, Section 3, Statement 3; Page 1 of 1; Line 14
4	PJM Transmission Enhancement Charges (Schedule 12)					
5	Schedule 12 RTEP Projects	\$ 45,378,780	53.91%	Demand	\$ 24,485,152	Schedule 46, Section 1, Statement 4; Page 22 of 22; APCo RTEP
	Transmission Enhancement Charge Adjustment (FERC EL05-121-000)	\$ (3,222,355)	53.81%	Demand	\$ (1,757,275)	
6	Total of PJM Transmission Enhancement Charges	\$ 42,156,425			\$ 22,727,878	
7	PJM Administrative Charges*					
8	PJM Admin - BSC & DB - Internal	\$ 6,510,211	48.81%	Demand	\$ 3,184,261	Schedule 46, Section 1, Statement 5; Page 1 of 1; 5614001 (A)
9	PJM Admin - RP & SDS - Internal	\$ 1,838,143	48.91%	Demand	\$ 899,036	Schedule 46, Section 1, Statement 5; Page 1 of 1; 5618001 (B)
10	PJM Admin - LAM & SC - Internal	\$ —	48.91%	Demand	\$ —	— Not Applicable
11	PJM Admin - Details LSE	\$ —	48.81%	Demand	\$ —	— Not Applicable
12	PJM Administrative Charges (Line 8 - 11)	\$ 8,348,354			\$ 4,083,317	
13	Demand Response Program Cost Recovery	\$ —	53.81%	Demand	\$ —	
14	Total T-RAC Revenue Requirement (Line 1 + 2 + 3 + 6 + 12 + 13)	\$ 703,568,677			\$ 378,888,312	

Notes:

12 Month Demand & Energy Study of Transmission - Excludes Kingsport and FERC Customers (December)

12 Month Demand and Energy Study - Includes Kingsport and FERC Customers (December)

APPLICABLE POWER COMPANY, IOWA
TRANSMISSION RATE ADJUSTMENT CHARGE (TRAQ)
Dissolved TRA Charge
Rate Year Beginning December 1, 2021

APPLICABLE
Transmission Rate
Adjustment Charge
Rate Year Beginning December 1, 2021

Line Item	Description	Date	Interest	Capital	Interest											
1	APC Rate (MWh + Day)	(1)	\$22.22	\$22.22	\$22.22	\$22.22	\$22.22	\$22.22	\$22.22	\$22.22	\$22.22	\$22.22	\$22.22	\$22.22	\$22.22	\$22.22
2	APC Cost (S) / MWh	(2)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3	Membered Days - Month		30	31	30	31	31	30	31	30	31	30	31	31	30	31
4	APCD's APG Charge (Line 1+2+3)		\$10,794,962	\$10,794,962	\$10,794,962	\$10,794,962	\$10,794,962	\$10,794,962	\$10,794,962	\$10,794,962	\$10,794,962	\$10,794,962	\$10,794,962	\$10,794,962	\$10,794,962	\$10,794,962
5	APCD's TSCP Percentage	(3)	30.70%	30.70%	30.70%	30.70%	30.70%	30.70%	30.70%	30.70%	30.70%	30.70%	30.70%	30.70%	30.70%	30.70%
6	Open Access Distribution Companies															
7	APC Wk contribution + Line 1+Line 2	(4)	\$10,794,962	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	APCD's APG Charge (Line 1+Line 2)		\$3,238,488	\$3,238,488	\$3,238,488	\$3,238,488	\$3,238,488	\$3,238,488	\$3,238,488	\$3,238,488	\$3,238,488	\$3,238,488	\$3,238,488	\$3,238,488	\$3,238,488	\$3,238,488
		Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest	Interest
9	APCD's Percentage P/A Rate to Power Transmission Service Credit	(5)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10	APCD's APG Percentage P/A Rate to Power Transmission Service Credit (Line 6)		\$1,017,793	\$1,017,793	\$1,017,793	\$1,017,793	\$1,017,793	\$1,017,793	\$1,017,793	\$1,017,793	\$1,017,793	\$1,017,793	\$1,017,793	\$1,017,793	\$1,017,793	\$1,017,793
		Indicator	Capital	Interest												
11	Advances 1A Rate (\$/MWh)	(1)	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
12	APC Forecasted APC Net Load Energy Sales	(7)	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
13	APC PPA Advances 1A Charge (Line 10+11)		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000
14	APCD's Percentage Energy Sales %		25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
15	APCD's PPA Advances 1A Charge (Line 10+11)		\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000	\$0.000

(1) Based on rates effective January 1, 2022 per APC Transmission Formula Rates.

(2) Application - Submitter + APC Line 1 Rate + APC Member Service Pool Load (PLPL).

(3) Average of APC's 17 member power TSCPs through MDT of prior year.

(4) Forecasted P/A Rate to Power Transmission Service Credit.

(5) Forecasted Energy from APC's Line 1B.

(6) Forecasted Energy from APC's Line 1B.

2025 RELEASE UNDER E.O. 14176

Transmission Enhancement Charges (PJM OATT Schedule 12) Settlement Worksheet

Required
Transmission
Enhancements
owned by: Trans-
 Allegheny Interstate
 Line Company
 (TrAILCo)

PJM	Annual Revenue	Monthly Revenue	
Upgrade			
ID	Requirement	Requirement (Jun 2022 - May 2023)	AEP
b0216	\$ 2,317,090.39	\$ 193,090.87	13.68%
			\$ 26,414.83
b0216_dfax	\$ 2,317,090.39	\$ 193,090.87	\$ —
b0218	\$ 2,144,504.74	\$ 178,708.73	\$ —
b0328.1	\$ 54,156,794.17	\$ 4,513,066.18	13.68%
b0328.2			\$ 617,387.45
b0347.1			
b0347.2			
b0347.3			
b0347.4			
b0328.1_dfax	\$ —	\$ —	\$ —
b0328.2_dfax	\$ 2,594,110.44	\$ 216,175.87	\$ —
b0347.1_dfax	\$ 11,979,482.87	\$ 998,290.24	\$ —
b0347.2_dfax	\$ 35,077,355.58	\$ 2,923,112.97	\$ —
b0347.3_dfax	\$ 3,303,564.44	\$ 275,297.04	\$ —
b0347.4_dfax	\$ 1,202,280.83	\$ 100,190.07	\$ —

			\$	—
b0323	\$ 182,752.67	\$ 15,229.39	\$	—
			\$	—
b0230	\$ (582,137.51)	\$ (48,511.46)	\$	—
			\$	—
b0559	\$ 327,214.24	\$ 27,267.85	13.68%	
			\$	3,730.24
b0559_dfax	\$ 327,214.24	\$ 27,267.85	\$	—
			\$	—
b0229	\$ 703,909.00	\$ 58,659.08		
			\$	—
b0495	\$ 1,832,881.17	\$ 152,740.10	13.68%	
			\$	20,894.85
b0495_dfax	\$ 1,832,881.17	\$ 152,740.10	0.13%	
			\$	198.56
b0343	\$ 487,347.95	\$ 40,612.33	\$	—
			\$	—
b0344	\$ 380,773.38	\$ 31,731.12	\$	—
			\$	—
b0345	\$ 605,726.54	\$ 50,477.21	\$	—
			\$	—
b0704	\$ 716,026.70	\$ 59,668.89	\$	—
			\$	—
b1243	\$ 218,644.39	\$ 18,220.37	\$	—
			\$	—
b0563	\$ 205,317.43	\$ 17,109.79	\$	—
			\$	—
b0564	\$ 84,498.10	\$ 7,041.51	\$	—
			\$	—
b0674	\$ 2,337,099.75	\$ 194,758.31	\$	—
			\$	—
b0674.1	\$ —	\$ —	\$	—
			\$	—
b1023.3	\$ 111,150.56	\$ 9,262.55	\$	—
			\$	—
b1770	\$ 44,916.06	\$ 3,743.01	\$	—
			\$	—
b1990	\$ 66,096.10	\$ 5,508.01	\$	—
			\$	—
b1965	\$ 123,046.63	\$ 10,253.89	\$	—
			\$	—
b1839	\$ 181,708.83	\$ 15,142.40		

			\$	—
b1998	\$ 236,360.90	\$ 19,696.74	\$	—
b0556	\$ 89,958.82	\$ 7,496.57	\$	—
b1153	\$ 2,945,594.54	\$ 245,466.21	\$	—
b1023.1	\$ 2,039,433.63	\$ 169,952.80	\$	—
b1941	\$ 2,906,653.70	\$ 242,221.14	\$	—
b1803	\$ 255,000.10	\$ 21,250.01	13.68%	
			\$	2,907.00
b1803_dfax	\$ 255,000.10	\$ 21,250.01	\$	—
b1800	\$ 2,246,867.25	\$ 187,238.94	13.68%	
			\$	25,614.29
b1800_dfax	\$ 2,246,867.25	\$ 187,238.94	\$	—
b1804	\$ 3,803,881.35	\$ 316,990.11	13.68%	
			\$	43,364.25
b1804_dfax	\$ 3,803,881.35	\$ 316,990.11	\$	—
b2433.1-b.2433.3	\$ 6,271,403.92	\$ 522,616.99	\$	—
b1967	\$ 340,043.14	\$ 28,336.93	\$	—
b1609	\$ 995,227.28	\$ 82,935.61	\$	—
b1769			\$	—
b1945	\$ 502,120.57	\$ 41,843.38	\$	—
b1610	\$ 118,889.17	\$ 9,907.43	\$	—
b1801	\$ 3,704,050.22	\$ 308,670.85	2.58%	
			\$	7,963.71
b1964	\$ 781,150.82	\$ 65,095.90	\$	—
b2342	\$ 155,872.82	\$ 12,989.40	\$	—
b1672	\$ 58,279.06	\$ 4,856.59	\$	—
b2343	\$ 91,759.54	\$ 7,646.63	\$	—

b1840	\$ 2,076,585.62	\$ 173,048.80	
b2235	\$ 3,998,630.74	\$ 333,219.23	
b2260	\$ 72,981.26	\$ 6,081.77	
b1802	\$ —	\$ —	2.58%
b1608	\$ 2,423,835.77	\$ 201,986.31	
b2944	\$ 1,120,820.23	\$ 93,401.69	
b0555	\$ 147,539.83	\$ 12,294.99	
b1943	\$ 804,906.12	\$ 67,075.51	
b2364-b2364.1	\$ 2,003,506.56	\$ 166,958.88	
b2362	\$ 3,367,982.38	\$ 280,665.20	
b2156	\$ 185,422.33	\$ 15,451.86	
b2546	\$ 98,427.39	\$ 8,202.28	
b2545	\$ 8,094,837.00	\$ 674,569.75	
b2441	\$ 5,095,025.98	\$ 424,585.50	
b2547.1	\$ 5,269,920.71	\$ 439,160.06	
b2475	\$ 12,075,037.60	\$ 1,006,253.13	
b1991	\$ 4,153,176.86	\$ 346,098.07	
b2261	\$ 217,023.75	\$ 18,085.31	
b2494	\$ 2,597,542.06	\$ 216,461.84	
s1041	\$ —	\$ —	
b2587	\$ 1,172,246.40	\$ 97,687.20	

b2118	\$ (64,759.57)	\$ (5,396.63)	\$ —
b2996-b2996.2	\$ 15,187,841.13	\$ 1,265,653.43	\$ —
TOTAL	\$ 229,226,166.93	\$ 19,102,180.61	\$ 748,475.18

Required
Transmission Enhancements
 owned by: **Potomac Appalachian Transmission Highline, L.L.C. (PATH)**

PJM Upgrade ID	Annual Revenue Requirement	Monthly Revenue Requirement (Jan - Dec 2023)	AEP
b0490	\$ 178,482.50	\$ 14,873.54	13.68%
b0491			\$ 2,034.70
b0490-b0491_dfax	\$ 178,482.50	\$ 14,873.54	4.39%
			\$ 652.95
b0492	\$ 91,302.00	\$ 7,608.50	13.68%
b0560			\$ 1,040.84
b0492-b0560_dfax	\$ 91,302.00	\$ 7,608.50	4.39%
			\$ 334.01
TOTAL	\$ 539,569.00	\$ 44,964.08	\$ 4,062.50

Required
Transmission Enhancements
 owned by:
Baltimore Gas and Electric Company's Network Customers

PJM Upgrade ID	Annual Revenue Requirement	Monthly Revenue Requirement (Jun 2022 - May 2023)	AEP
b0298	\$ 5,861,805.00	\$ 488,483.75	\$ —
b0244	\$ 4,370,626.00	\$ 364,218.83	\$ —
b0477	\$ 2,799,443.00	\$ 233,286.92	\$ —
b0497	\$ 2,685,400.00	\$ 223,783.33	\$ —

			\$	—
b1016	\$ 11,022,811.00	\$ 918,567.58	\$	—
			\$	—
b1251	\$ 2,957,998.00	\$ 246,499.83	\$	—
			\$	—
b1251.1	\$ 3,711,361.00	\$ 309,280.08	\$	—
			\$	—
b2766.1	\$ 553,838.50	\$ 46,153.21	13.68%	
			\$	6,313.76
b2766.1_dfax	\$ 553,838.50	\$ 46,153.21	\$	—
			\$	—
b2992.3	\$ 44,722.00	\$ 3,726.83	2.25%	
			\$	83.85
b2992.4	\$ 1,521,876.00	\$ 126,823.00	2.25%	
			\$	2,853.52
b2992.1	\$ 4,583,248.00	\$ 381,937.33	\$2.25%	
			\$	8,593.59
b2992.2	\$ 5,922,163.00	\$ 493,513.58	2.25%	
			\$	11,104.06
TOTAL	\$ 46,589,130.00	\$ 3,882,427.48	\$	28,948.78

Required
Transmission
Enhancements
owned by:
Dominion Virginia
Power's Network
Customers

PJM	Annual	Monthly	
Upgrade	Revenue	Revenue	
ID	Requirement	Requirement	AEP
		(Feb - Dec 2023)	
b0217	\$92,784.51	\$ 7,732.04	13.68%
			\$ 1,057.74
b0217_dfax	\$92,784.51	\$ 7,732.04	\$ —
			\$ —
b0222	\$76,434.28	\$ 6,369.52	13.68%
			\$ 871.35
b0222_dfax	\$ 76,434.28	\$ 6,369.52	\$ —
			\$ —
b0226	\$ 763,610.13	\$ 63,634.18	\$ —
			\$ —
b0403	\$ 770,599.99	\$ 64,216.67	\$ —
			\$ —
b0328.1	\$ 11,519,477.55	\$ 959,956.46	13.68%

			\$ 131,322.04
b0328.1_dfax	\$ 11,519,477.55	\$ 959,956.46	\$ —
b0328.3	\$ 705,169.65	\$ 58,764.14	13.68% \$ 8,038.93
b0328.3_dfax	\$ 705,169.65	\$ 58,764.14	\$ —
b0328.4	\$ 159,132.27	\$ 13,261.02	13.68% \$ 1,814.11
b0328.4_dfax	\$ 159,132.27	\$ 13,261.02	\$ —
b0768	\$ 2,392,346.18	\$ 199,362.18	\$ —
b0337	\$ 614,327.38	\$ 51,193.95	\$ —
b0311	\$ 310,218.91	\$ 25,851.58	\$ —
b0231	\$ 1,059,605.06	\$ 88,300.42	13.68% \$ 12,079.50
b0231_dfax	\$ 1,059,605.06	\$ 88,300.42	\$ —
b0456	\$ 448,608.58	\$ 37,384.05	\$ —
b0227	\$ 1,936,483.84	\$ 161,373.65	\$ —
b0455	\$ 313,468.24	\$ 26,122.35	\$ —
b0453.1	\$ 146,358.07	\$ 12,196.51	\$ —
b0453.2	\$ 1,396,487.41	\$ 116,373.95	\$ —
b0453.3	\$ 326,244.27	\$ 27,187.02	\$ —
b0837	\$ 35,725.77	\$ 2,977.15	13.68% \$ 407.27
b0837_dfax	\$ 35,725.77	\$ 2,977.15	\$ —
b0327	\$ 576,493.51	\$ 48,041.13	\$ —
b0329.2A	\$ 4,150,732.37	\$ 345,894.36	\$ —
b0329.2B	\$ 8,375,106.23	\$ 697,925.52	13.68% \$ 95,476.21

b0329.2B_dfax	\$ 8,375,106.23	\$ 697,925.52	
			\$ —
b0467.2	\$ 530,228.31	\$ 44,185.69	
			\$ —
b1507	\$ 16,700,537.64	\$ 1,391,711.47	13.68%
			\$ 190,386.13
b1507_dfax	\$ 16,700,537.64	\$ 1,391,711.47	
			\$ —
b0457	\$ 5,261.13	\$ 438.43	13.68%
			\$ 59.98
b0457_dfax	\$ 5,261.13	\$ 438.43	
			\$ —
b0784	\$ 3,648.83	\$ 304.07	13.68%
			\$ 41.60
b0784_dfax	\$ 3,648.83	\$ 304.07	
			\$ —
b1224	\$ 1,523,372.08	\$ 126,947.67	
			\$ —
b1508.3	\$ 119,383.23	\$ 9,948.60	
			\$ —
b1647	\$ 805.19	\$ 67.10	13.68%
			\$ 9.18
b1647_dfax	\$ 805.19	\$ 67.10	
			\$ —
b1648	\$ 805.19	\$ 67.10	13.68%
			\$ 9.18
b1648_dfax	\$ 805.19	\$ 67.10	
			\$ —
b1649	\$ 42,484.40	\$ 3,540.37	13.68%
			\$ 484.32
b1649_dfax	\$ 42,484.40	\$ 3,540.37	
			\$ —
b1650	\$ 42,484.40	\$ 3,540.37	13.68%
			\$ 484.32
b1650_dfax	\$ 42,484.40	\$ 3,540.37	
			\$ —
b1188.6	\$ 1,816,682.76	\$ 151,390.23	
			\$ —
b1188	\$ 74,968.77	\$ 6,247.40	13.68%
			\$ 854.64
b1188_dfax	\$ 74,968.77	\$ 6,247.40	
			\$ —
b1321	\$ 3,988,397.54	\$ 332,366.46	
			\$ —

b0756.1	\$ 209,120.13	\$ 17,426.68	13.68%
		\$ 2,383.97	
b0756.1_dfax	\$ 209,120.13	\$ 17,426.68	—
		\$ —	
b1797	\$ 928,960.55	\$ 77,413.38	13.68%
		\$ 10,590.15	
b1797_dfax	\$ 928,960.55	\$ 77,413.38	0.00%
		\$ —	
b1799	\$ 1,345,758.24	\$ 112,146.52	13.68%
		\$ 15,341.64	
b1799_dfax	\$ 1,345,758.24	\$ 112,146.52	—
		\$ —	
b1798	\$ 5,691,929.89	\$ 474,327.49	13.68%
		\$ 64,888.00	
b1798_dfax	\$ 5,691,929.89	\$ 474,327.49	—
		\$ —	
b1805	\$ 1,899,298.55	\$ 158,274.88	13.68%
		\$ 21,652.00	
b1805_dfax	\$ 1,899,298.55	\$ 158,274.88	—
		\$ —	
b1508.1	\$ 6,733,718.34	\$ 561,143.20	—
		\$ —	
b1508.2	\$ 1,233,456.20	\$ 102,788.02	—
		\$ —	
b2053	\$ 4,525,695.50	\$ 377,141.29	100.00%
		\$ 377,141.29	
b1906.1	\$ 527,795.80	\$ 43,982.98	13.68%
		\$ 6,016.87	
b1906.1_dfax	\$ 527,795.80	\$ 43,982.98	—
		\$ —	
b1908	\$ 6,792,096.19	\$ 566,008.02	13.68%
		\$ 77,429.90	
b1908_dfax	\$ 6,792,096.19	\$ 566,008.02	—
		\$ —	
b1905.2	\$ 96,613.30	\$ 8,051.11	13.68%
		\$ 1,101.39	
b1905.2_dfax	\$ 96,613.30	\$ 8,051.11	—
		\$ —	
b1328	\$ 410,728.86	\$ 34,227.41	—
		\$ —	
b1698	\$ 2,429,543.84	\$ 202,461.99	—
		\$ —	
b1907	\$ 2,030,461.70	\$ 169,205.14	—
		\$ —	

b1909	\$ 357,468.77	\$ 29,789.06	
			\$ —
b1912	\$ 10,600,529.26	\$ 883,377.44	
			\$ —
b1701	\$ 343,350.79	\$ 28,612.57	
			\$ —
b1791	\$ 168,491.21	\$ 14,040.93	
			\$ —
b1694	\$ 2,495,498.75	\$ 207,958.23	13.68%
			\$ 28,448.69
b1694_dfax	\$ 2,495,498.75	\$ 207,958.23	
			\$ —
b1911	\$ 2,347,584.37	\$ 195,632.03	
			\$ —
b2471_dfax	\$ 417,039.74	\$ 34,753.31	
			\$ —
b2471	\$ 417,039.74	\$ 34,753.31	13.68%
			\$ 4,754.25
b1905.1	\$ 14,155,676.19	\$ 1,179,639.68	13.68%
			\$ 161,374.71
b1905.1_dfax	\$ 14,155,676.19	\$ 1,179,639.68	
			\$ —
b1905.5	\$ 567,899.35	\$ 47,324.95	
			\$ —
b1696	\$ (865,195.80)	\$ (73,766.32)	
			\$ —
b2373	\$ 2,367,012.47	\$ 197,251.04	13.68%
			\$ 26,983.94
b2373_dfax	\$ 2,367,012.47	\$ 197,251.04	
			\$ —
b1905.3	\$ 12,700,648.35	\$ 1,058,387.36	
			\$ —
b1905.4	\$ 9,295,730.55	\$ 774,644.21	
			\$ —
b2744_dfax	\$ 3,130,298.24	\$ 260,858.19	
			\$ —
b2744	\$ 3,130,298.24	\$ 260,858.19	13.68%
			\$ 35,685.40
b1905.6	\$ 155,501.27	\$ 12,958.44	
			\$ —
b1905.7	\$ 12,173.48	\$ 1,014.46	
			\$ —
b1905.9	\$ 9,694.74	\$ 807.90	
			\$ —

b2582	\$ 5,140,401.67	\$ 428,366.81	13.68%
			\$ 58,600.58
b2582_dfax	\$ 5,140,401.67	\$ 428,366.81	\$ —
			\$ —
b2443	\$ 599,675.03	\$ 49,972.92	\$ —
			\$ —
b2665	\$ 4,585,996.03	\$ 382,166.34	13.68%
			\$ 52,280.36
b2665_dfax	\$ 4,585,996.03	\$ 382,166.34	\$ —
			\$ —
b2758	\$ 3,247,931.33	\$ 270,660.94	13.68%
			\$ 37,026.42
b2758_dfax	\$ 3,247,931.33	\$ 270,660.94	\$ —
			\$ —
b2729	\$ 1,405,379.22	\$ 117,114.94	\$ —
			\$ —
b2928	\$ 1,803,418.18	\$ 150,284.85	13.68%
			\$ 20,558.97
b2928_dfax	\$ 1,803,418.18	\$ 150,284.85	\$ —
			\$ —
b2960.1	\$ 1,184,396.02	\$ 98,699.67	13.68%
			\$ 13,502.11
b2960.1_dfax	\$ 1,184,396.02	\$ 98,699.67	\$ —
			\$ —
b2960.2	\$ 1,115,894.47	\$ 92,991.21	13.68%
			\$ 12,721.20
b2960.2_dfax	\$ 1,115,894.47	\$ 92,991.21	\$ —
			\$ —
b2978	\$ 4,091,382.38	\$ 340,948.53	13.68%
			\$ 46,641.76
b2978_dfax	\$ 4,091,382.38	\$ 340,948.53	\$ —
			\$ —
b2759	\$ 16,215,545.81	\$ 1,351,295.48	13.68%
			\$ 184,857.22
b2759_dfax	\$ 16,215,545.81	\$ 1,351,295.48	\$ —
			\$ —
b3027.1	\$ 3,119,185.24	\$ 259,932.10	\$ —
			\$ —
b3019	\$ 2,216,430.55	\$ 184,702.55	\$ 13.68%
			\$ 25,267.31
b3019_dfax	\$ 2,216,430.55	\$ 184,702.55	\$ —
			\$ —
b3020	\$ 100,575.74	\$ 8,381.31	13.68%
			\$ 1,146.56

b3020_dfax	\$ 100,575.74	\$ 8,381.31	
			\$ —
b3021	\$ 763,470.84	\$ 63,622.57	13.68%
			\$ 8,703.57
b3021_dfax	\$ 763,470.84	\$ 63,622.57	
			\$ —
b3702	\$ 230,096.47	\$ 19,174.71	
			\$ —
TOTAL	\$ 319,349,803.21	\$ 26,612,483.68	\$ 1,738,494.77
	\$ 316,236,717.43	\$ 26,353,059.86	
	\$ 3,113,085.78	\$ 259,423.82	
Transmission Enhancements owned by: PSE&G's Network Customers			
PJM Upgrade	Annual Revenue	Monthly Revenue	
ID	Requirement	Requirement	AEP
		(Jan - Dec 2023)	
b0130	\$ 1,554,041.00	\$ 129,503.42	
			\$ —
b0134	\$ 637,037.00	\$ 53,086.42	
			\$ —
b0145	\$ 6,824,688.00	\$ 568,724.00	
			\$ —
b0411	\$ 1,727,382.00	\$ 143,948.50	
			\$ —
b0498	\$ 1,103,981.50	\$ 91,998.46	13.68%
			\$ 12,585.39
b0498_dfax	\$ 1,103,981.50	\$ 91,998.46	
			\$ —
b0161	\$ 2,132,905.00	\$ 177,742.08	
			\$ —
b0169	\$ 1,303,827.00	\$ 108,652.25	
			\$ —
b0170	\$ 568,943.00	\$ 47,411.92	
			\$ —
b0489	\$ 36,402,970.00	\$ 3,033,580.83	13.68%
			\$ 414,993.86
b0489_dfax	\$ 36,402,970.00	\$ 3,033,580.83	
			\$ —
b0489.4	\$ 4,002,649.00	\$ 333,554.08	

			\$	—
b0172.2	\$ 1,112.50	\$ 92.71	13.68%	
			\$	12.68
b0172.2_dfax	\$ 1,112.50	\$ 92.71		\$ —
			\$	—
b0813	\$ 790,167.00	\$ 65,847.25		\$ —
			\$	—
b1017	\$ 1,801,074.00	\$ 150,089.50		\$ —
			\$	—
b1018	\$ 1,872,775.00	\$ 156,064.58		\$ —
			\$	—
b0489.5-9	\$ 270,510.00	\$ 22,542.50	13.68%	
			\$	3,083.81
b0489.5-9_dfax	\$ 270,510.00	\$ 22,542.50		\$ —
			\$	—
b1410-1415	\$ 720,702.00	\$ 60,058.50	13.68%	
			\$	8,216.00
b1410-1415_dfax	\$ 720,702.00	\$ 60,058.50		\$ —
			\$	—
b0290	\$ 3,440,571.00	\$ 286,714.25	13.68%	
			\$	39,222.51
b0290_dfax	\$ 3,440,571.00	\$ 286,714.25		\$ —
			\$	—
b0472	\$ 1,289,383.00	\$ 107,448.58		\$ —
			\$	—
b0664-665	\$ 1,666,598.00	\$ 138,883.17		\$ —
			\$	—
b0668	\$ 575,375.00	\$ 47,947.92		\$ —
			\$	—
b0814	\$ 5,637,829.00	\$ 469,819.08		\$ —
			\$	—
b1156	\$ 33,106,574.00	\$ 2,758,881.17		\$ —
			\$	—
b1154	\$ 33,958,598.00	\$ 2,829,883.17		\$ —
			\$	—
b1228	\$ 1,998,033.00	\$ 166,502.75		\$ —
			\$	—
b1255	\$ 4,384,383.00	\$ 365,365.25		\$ —
			\$	—
b1588	\$ 1,158,033.00	\$ 96,502.75		\$ —
			\$	—
b2139	\$ 1,881,520.00	\$ 156,793.33		\$ —
			\$	—

b1304.1-4	\$ 60,933,108.00	\$ 5,077,759.00	\$ —
b1398	\$ 42,058,225.00	\$ 3,504,852.08	\$ —
b1155	\$ 5,829,400.00	\$ 485,783.33	\$ —
b1399	\$ 6,843,069.00	\$ 570,255.75	\$ —
b2436.21_dfax	\$ 3,333,979.00	\$ 277,831.58	\$ —
b2436.21	\$ 3,333,979.00	\$ 277,831.58	13.68%
b2436.22_dfax	\$ 2,464,159.00	\$ 205,346.58	\$ 38,007.36
b2436.22	\$ 2,464,159.00	\$ 205,346.58	13.68%
b2436.81_dfax	\$ 2,777,934.50	\$ 231,494.54	\$ —
b2436.81	\$ 2,777,934.50	\$ 231,494.54	13.68%
b2436.83_dfax	\$ 2,777,935.00	\$ 231,494.58	\$ 31,668.45
b2436.83	\$ 2,777,935.00	\$ 231,494.58	13.68%
b2436.90_dfax	\$ 1,543,496.00	\$ 128,624.67	\$ —
b2436.90	\$ 1,543,496.00	\$ 128,624.67	13.68%
b2437.10	\$ —	\$ —	\$ —
b2437.20	\$ —	\$ —	\$ —
b2437.21	\$ —	\$ —	\$ —
b2437.30	\$ 3,443,697.00	\$ 286,974.75	\$ —
b1590	\$ 1,070,875.00	\$ 89,239.58	\$ —
b1787	\$ 3,103,635.00	\$ 258,636.25	\$ —
b2436.10_dfax	\$ 8,837,069.00	\$ 736,422.42	\$ —
b2436.10	\$ 8,837,069.00	\$ 736,422.42	13.68%
			\$ 100,742.59

b2436.84_dfax	\$ 2,695,742.00	\$ 224,645.17	
			\$ —
b2436.84	\$ 2,695,742.00	\$ 224,645.17	13.68%
			\$ 30,731.46
b2436.85_dfax	\$ 2,648,591.50	\$ 220,715.96	
			\$ —
b2436.85	\$ 2,648,591.50	\$ 220,715.96	13.68%
			\$ 30,193.94
b0376	\$ 53,993.50	\$ 4,499.46	13.68%
			\$ 615.53
b0376_dfax	\$ 53,993.50	\$ 4,499.46	
			\$ —
b1589	\$ 2,259,877.00	\$ 188,323.08	
			\$ —
b2146	\$ 16,162,047.00	\$ 1,346,837.25	
			\$ —
b2702_dfax	\$ 1,143,738.00	\$ 95,311.50	
			\$ —
b2702	\$ 1,143,738.00	\$ 95,311.50	13.68%
			\$ 13,038.61
b2633.4	\$ 3,138,588.00	\$ 261,549.00	13.68%
			\$ 35,779.90
b2633.4_dfax	\$ 3,138,588.00	\$ 261,549.00	
			\$ —
b2633.5	\$ 8,578,960.00	\$ 714,913.33	
			\$ —
b2955	\$ 10,424,350.00	\$ 868,695.83	
			\$ —
b2835.1	\$ 8,842,872.00	\$ 736,906.00	
			\$ —
b2835.2	\$ 5,745,560.00	\$ 478,796.67	
			\$ —
b2835.3	\$ 1,012,907.00	\$ 84,408.92	
			\$ —
b2836.2	\$ 8,358,903.00	\$ 696,575.25	
			\$ —
b2836.3		\$ —	
			\$ —
b2836.4		\$ —	
			\$ —
b2837.1	\$ 4,114,428.00	\$ 342,869.00	
			\$ —
b2837.2	\$ 1,393,449.00	\$ 116,120.75	

			\$	—
b2837.3	\$ 1,067,061.00	\$ 88,921.75	\$	—
b2837.4	\$ 4,164,601.00	\$ 347,050.08	\$	—
b2837.5	\$ 4,411,168.00	\$ 367,597.33	\$	—
b2837.6	\$ 4,209,725.00	\$ 350,810.42	\$	—
b2837.7	\$ 1,461,838.00	\$ 121,819.83	\$	—
b2837.8	\$ 1,067,061.00	\$ 88,921.75	\$	—
b2837.9	\$ 371,932.00	\$ 30,994.33	\$	—
b2837.10	\$ 3,801,128.00	\$ 316,760.67	\$	—
b2837.11	\$ 4,309,027.00	\$ 359,085.58	\$	—
b0274	\$ 1,745,185.00	\$ 145,432.08	\$	—
b2436.33	\$ 16,183,176.00	\$ 1,348,598.00	\$	—
b2436.34	\$ 12,963,376.00	\$ 1,080,281.33	\$	—
b2436.60	\$ 4,372,844.00	\$ 364,403.67	\$	—
b2986.12	\$ 3,396,305.00	\$ 283,025.42	\$	—
b2986.21	\$ 6,272,218.00	\$ 522,684.83	\$	—
b2986.22	\$ 10,749,551.00	\$ 895,795.92	\$	—
b2836.1	\$ 15,346,945.00	\$ 1,278,912.08	\$	—
b2986.23	\$ 2,291,966.00	\$ 190,997.17	\$	—
b2986.24	\$ 697,731.00	\$ 58,144.25	\$	—
TOTAL	\$ 544,640,159.00	\$ 45,386,679.90	\$	836,247.83

Transmission Enhancements owned by: PPL Electric Utilities Corp. dba PPL Utilities			
PJM	Annual	Monthly	
Upgrade	Revenue	Revenue	
ID	Requirement	Requirement	AEP
	(Jun 2022 - May 2023)		
b0487	\$ 31,253,716.50	\$ 2,604,476.38	13.68%
			\$ 356,292.37
b0487_dfax	\$ 31,253,716.50	\$ 2,604,476.38	\$ —
b0171.2	\$ 3,487.00	\$ 290.58	13.68%
			\$ 39.75
b0171.2_dfax	\$ 3,487.00	\$ 290.58	\$ —
b0172.1	\$ 2,500.50	\$ 208.38	13.68%
			\$ 28.51
b0172.1_dfax	\$ 2,500.50	\$ 208.38	\$ —
b0284.2	\$ 5,062.00	\$ 421.83	13.68%
			\$ 57.71
b0284.2_dfax	\$ 5,062.00	\$ 421.83	\$ —
b0487.1	\$ 1,488,654.00	\$ 124,054.50	\$ —
b0791	\$ 327,162.00	\$ 27,263.50	\$ —
b0468	\$ 2,016,535.00	\$ 168,044.58	\$ —
b2006	\$ 944,183.00	\$ 78,681.92	\$ —
b2006.1	\$ 1,999,623.00	\$ 166,635.25	13.68%
			\$ 22,795.70
b2006.1_dfax	\$ 1,999,623.00	\$ 166,635.25	\$ —
b2237	\$ 720,809.50	\$ 60,067.46	13.68%
			\$ 8,217.23
b2237_dfax	\$ 720,809.50	\$ 60,067.46	\$ —
b2716	\$ 680,596.50	\$ 56,716.38	13.68%
			\$ 7,758.80
b2716_dfax	\$ 680,596.50	\$ 56,716.38	\$ —

b2824	\$ 824,922.00	\$ 68,743.50	13.68%
			\$ 9,404.11
b2824_dfax	\$ 824,922.00	\$ 68,743.50	\$ —
			\$ —
b2552.2	\$ 65,162.00	\$ 5,430.17	\$ —
			\$ —
TOTAL	\$ 75,823,130.00	\$ 6,318,594.19	\$ 404,594.18
Required Transmission Enhancements owned by: AEP East Operating Companies and AEP Transmission Companies*			
PJM	Annual	Monthly	
Upgrade	Revenue	Revenue	
ID	Requirement	Requirement	AEP
		(Jan - Dec 2023)	
b0504	\$ 363,731.50	\$ 30,310.96	13.68%
			\$ 4,146.54
b0504_dfax	\$ 363,731.50	\$ 30,310.96	100.00%
			\$ 30,310.96
b0318	\$ 1,334,684.00	\$ 111,223.67	99.00%
			\$ 110,111.43
b0839	\$ 940,149.00	\$ 78,345.75	99.73%
			\$ 78,134.22
b1231	\$ 1,386,413.00	\$ 115,534.42	96.69%
			\$ 111,710.23
b0570	\$ 1,559,126.00	\$ 129,927.17	\$41.99%
			\$ 54,556.42
b1465.2	\$ 924,213.00	\$ 77,017.75	13.68%
			\$ 10,536.03
b1465.2_dfax	\$ 924,213.00	\$ 77,017.75	100.00%
			\$ 77,017.75
b1465.4	\$ 380,267.50	\$ 31,688.96	13.68%
			\$ 4,335.05
b1465.4_dfax	\$ 380,267.50	\$ 31,688.96	100.00%

			\$ 31,688.96
b1034.1	\$ 1,982,753.00	\$ 165,229.42	96.01%
			\$ 158,636.77
b1034.6	\$ 309,283.00	\$ 25,773.58	96.01%
			\$ 24,745.21
b1465.3	\$ 1,379,674.00	\$ 114,972.83	13.68%
			\$ 15,728.28
b1465.3_dfax	\$ 1,379,674.00	\$ 114,972.83	100.00%
			\$ 114,972.83
b1712.2	\$ 263,671.00	\$ 21,972.58	
			\$ —
b1864.2	\$ 257,102.00	\$ 21,425.17	87.22%
			\$ 18,687.03
b2048	\$ 788,996.00	\$ 65,749.67	92.49%
			\$ 60,811.87
b1034.8	\$ 589,488.00	\$ 49,124.00	96.01%
			\$ 47,163.95
b1870	\$ 938,890.00	\$ 78,240.83	68.16%
			\$ 53,328.95
b1032.2	\$ 3,232,303.00	\$ 269,358.58	89.97%
			\$ 242,341.91
b1034.2	\$ 1,430,605.00	\$ 119,217.08	96.01%
			\$ 114,460.32
b1034.3	\$ 1,904,642.00	\$ 158,720.17	96.01%
			\$ 152,387.24
b2020	\$ 21,351,143.00	\$ 1,779,261.92	88.39%
			\$ 1,572,689.61
b2021	\$ 6,141,768.00	\$ 511,814.00	91.92%
			\$ 470,459.43
b1659.14	\$ 4,065,526.00	\$ 338,793.83	13.68%
			\$ 46,347.00
b1659.14_dfax	\$ 4,065,526.00	\$ 338,793.83	63.10%
			\$ 213,778.91
b2032	\$ 547,345.00	\$ 45,612.08	
			\$ —
b1034.7	\$ 658,360.00	\$ 54,863.33	96.01%
			\$ 52,674.28
b2018	\$ 2,973,822.00	\$ 247,818.50	14.16%
			\$ 35,091.10
b1864.1	\$ 10,753,203.00	\$ 896,100.25	87.22%
			\$ 781,578.64
b1661	\$ 128,173.00	\$ 10,681.08	13.68%
			\$ 1,461.17
b1661_dfax	\$ 128,173.00	\$ 10,681.08	100.00%
			\$ 10,681.08
b2017	\$ 10,364,657.00	\$ 863,721.42	34.35%

			\$ 296,688.31
b1818	\$ 9,565,486.00	\$ 797,123.83	88.30%
			\$ 703,860.34
b1819	\$ 12,955,310.00	\$ 1,079,609.17	87.18%
			\$ 941,203.27
b1032.4	\$ 1,078,215.00	\$ 89,851.25	89.97%
			\$ 80,839.17
b1666	\$ 3,123,544.00	\$ 260,295.33	90.65%
			\$ 235,957.72
b1957	\$ 1,409,071.00	\$ 117,422.58	69.41%
			\$ 81,503.01
b1962	\$ 1,357,514.00	\$ 113,126.17	13.68%
			\$ 15,475.66
b1962_dfax	\$ 1,357,514.00	\$ 113,126.17	100.00%
			\$ 113,126.17
b2019	\$ 8,377,491.00	\$ 698,124.25	93.74%
			\$ 654,421.67
b1032.1	\$ 4,042,554.00	\$ 336,879.50	89.97%
			\$ 303,090.49
b1948	\$ 6,734,704.00	\$ 561,225.33	
			\$ —
b2022	\$ 522,290.00	\$ 43,524.17	97.99%
			\$ 42,649.33
b1660	\$ 205,909.50	\$ 17,159.13	13.68%
			\$ 2,347.37
b1660_dfax	\$ 205,909.50	\$ 17,159.13	0.10%
			\$ 17.16
b1660.1	\$ 1,805,714.00	\$ 150,476.17	13.68%
			\$ 20,585.14
b1660.1_dfax	\$ 1,805,714.00	\$ 150,476.17	0.10%
			\$ 150.48
b1663.2	\$ 322,317.50	\$ 26,859.79	\$13.68%
			\$ 3,674.42
b1663.2_dfax	\$ 322,317.50	\$ 26,859.79	100.00%
			\$ 26,859.79
b1875	\$ 10,083,408.00	\$ 840,284.00	
			\$ —
b1797.1	\$ 3,431,384.50	\$ 285,948.71	13.68%
			\$ 39,117.78
b1797.1_dfax	\$ 3,431,384.50	\$ 285,948.71	0.28%
			\$ 800.66
b1659	\$ 6,631,516.00	\$ 552,626.33	93.61%
			\$ 517,313.51
b1659.13	\$ 3,201,903.50	\$ 266,825.29	13.68%
			\$ 36,501.70
b1659.13_dfax	\$ 3,201,903.50	\$ 266,825.29	74.35%

PJM	Annual	Monthly	
Upgrade ID	Revenue Requirement	Revenue Requirement	AEP
(Jun 2022 - May 2023)			
b0265	\$ 443,066	\$ 36,922.17	
			\$ —
b0276	\$ 678,062	\$ 56,505.17	
			\$ —
b0211	\$ 1,153,534	\$ 96,127.83	
			\$ —
b0210.A	\$ 1,153,775.50	\$ 96,147.96	13.68%
			\$ 13,153.04
b0210.A_dfax	\$ 1,153,775.50	\$ 96,147.96	
			\$ —
b0210.B	\$ 1,645,369	\$ 137,114.08	
			\$ —
b1398.5	\$ 419,717	\$ 34,976.42	
			\$ —
b1398.3.1	\$ 1,307,433	\$ 108,952.75	
			\$ —
b1600	\$ 1,556,923	\$ 129,743.58	
			\$ —
b0210.1	\$ 1,379,652	\$ 114,971.00	
			\$ —
b0212	\$ 5,978	\$ 498.17	
			\$ —
TOTAL	\$ 10,897,285.00	\$ 908,107.09	\$ 13,153.04

Required**Transmission****Enhancements****owned by:****Delmarva's Network****Customers**

PJM	Annual	Monthly	
Upgrade ID	Revenue Requirement	Revenue Requirement	AEP
(Jun 2022 - May 2023)			
b0241.3	\$ 1,359,281	\$ 113,273.42	
			\$ —
b0272.1	\$ 10,413.50	\$ 867.79	13.68%
			\$ 118.71
b0272.1_dfax	\$ 10,413.50	\$ 867.79	
			\$ —

b0751	\$ 241,848.50	\$ 20,154.04	\$13.68%
			2,757.07
b0751_dfax	\$ 241,848.50	\$ 20,154.04	
			\$ —
b0733	\$ 1,035,272	\$ 86,272.67	
			\$ —
b1247	\$ 699,253	\$ 58,271.08	
			\$ —
b2633.10	\$ 646,408	\$ 53,867.33	
			\$ —
TOTAL	\$ 4,244,738.00	\$ 353,728.16	\$ 2,875.79
Transmission Enhancements owned by: PEPCO's Network Customers			
PJM	Annual	Monthly	
Upgrade	Revenue	Revenue	
ID	Requirement	Requirement	AEP
		(Jun 2022- May 2023)	
b0367.1-2	\$ 2,329,621	\$ 194,135.08	
			\$ —
b0512.7	\$ 110,593.50	\$ 9,216.13	\$13.68%
			1,260.77
b0512.7_dfax	\$ 110,593.50	\$ 9,216.13	
			\$ —
b0512.8	\$ 110,593.50	\$ 9,216.13	\$13.68%
			1,260.77
b0512.8_dfax	\$ 110,593.50	\$ 9,216.13	
			\$ —
b0512.9	\$ 110,593.50	\$ 9,216.13	\$13.68%
			1,260.77
b0512.9_dfax	\$ 110,593.50	\$ 9,216.13	
			\$ —
b0512.12	\$ 111,749.00	\$ 9,312.42	\$13.68%
			1,273.94
b0512.12_dfax	\$ 111,749.00	\$ 9,312.42	
			\$ —
b0478	\$ 1,898,322	\$ 158,193.50	
			\$ —
b0499	\$ 3,532,810	\$ 294,400.83	
			\$ —

b0526	\$ 6,647,900	\$ 553,991.67	
			\$ —
b0701.1	\$ 593,164	\$ 49,430.33	\$ —
			\$ —
b0496	\$ 2,345,755	\$ 195,479.58	
			\$ —
b0288	\$ 3,644,030	\$ 303,669.17	
			\$ —
b1125	\$ 6,299,458	\$ 524,954.83	
			\$ —
b2008	\$ 1,059,611	\$ 88,300.92	
			\$ —
b0467.1	\$ 990,145	\$ 82,512.08	
			\$ —
b1126	\$ 4,696,119	\$ 391,343.25	
			\$ —
b1596	\$ 1,139,687	\$ 94,973.92	
			\$ —
TOTAL	\$ 36,063,681.00	\$ 3,005,306.78	\$ 5,056.24
Required Transmission Enhancements owned by: Duquesne Light Company's Network Customers			
PJM	Annual	Monthly	
Upgrade ID	Revenue Requirement	Revenue Requirement (Jun 2022 - May 2023)	AEP
b0501-b0503	\$ 25,987,422.00	\$ 2,165,618.50	
			\$ —
b1022.2	\$ 479,421.00	\$ 39,951.75	
			\$ —
b3015.2	\$ 918,423.00	\$ 76,535.25	
			\$ —
b3012.2	\$ 15,634.00	\$ 1,302.83	
			\$ —
b1969	\$ 1,679,791.00	\$ 139,982.58	
			\$ —
b2689.1-2	\$ 1,151,053.00	\$ 95,921.08	
			\$ —
TOTAL	\$ 30,231,744.00	\$ 2,519,311.99	\$ —

**Required
 Transmission
 Enhancements
 owned by:
 Commonwealth
 Edison Company's
 Network Customers**

PJM	Annual	Monthly	
Upgrade ID	Revenue Requirement	Revenue Requirement (Jun 2022 - May 2023)	AEP
b2141	\$ 26,306,995.00	\$ 2,192,249.58	4.13%
			90,539.91
b2728	\$ 1,237,477.00	\$ 103,123.08	\$3.34%
			3,444.31
b2692.1-b2692.2	\$ 1,264,044.00	\$ 105,337.00	\$18.68%
			19,676.95
TOTAL	\$ 28,808,516.00	\$ 2,400,709.66	\$ 113,661.17
Transmission Enhancements owned by: Jersey Central Power & Light (Transmission)			
PJM	Annual	Monthly	
Upgrade ID	Revenue Requirement	Revenue Requirement (Jan - Dec 2023)	AEP
b0174	\$ 1,155,505.34	\$ 96,292.11	
			\$ —
b0268	\$ 571,387.80	\$ 47,615.65	
			\$ —
b0726	\$ 754,135.86	\$ 62,844.66	
			\$ —
b2015	\$ 18,174,192.35	\$ 1,514,516.03	
			\$ —
TOTAL	\$ 20,655,221.35	\$ 1,721,268.45	\$ —

Required Transmission Enhancements owned by: Mid-Atlantic Interstate Transmission, LLC			
PJM	Annual	Monthly	
Upgrade	Revenue	Revenue	
ID	Requirement	Requirement	AEP
		(Jan - Dec 2023)	
b0215	\$ 1,640,633.49	\$ 136,719.46	
			\$ —
b0549	\$ 223,640.77	\$ 18,636.73	\$13.68%
			2549.50
b0549_dfax	\$ 223,640.77	\$ 18,636.73	
			\$ —
b0551	\$ 182,219.58	\$ 15,184.96	
			\$ —
b0552	\$ 149,091.21	\$ 12,424.27	
			\$ —
b0553	\$ 129,662.85	\$ 10,805.24	
			\$ —
b0557	\$ 305,428.35	\$ 25,452.36	
			\$ —
b1993	\$ 1,607,879.24	\$ 133,989.94	
			\$ —
b1994	\$ 10,110,743.70	\$ 842,561.98	
			\$ —
b2006.1.1	\$ 236,737.02	\$ 19,728.08	\$13.68%
			2,698.80
b2006.1.1_dfax	\$ 236,736.94	\$ 19,728.08	
			\$ —
b2452	\$ 879,582.78	\$ 73,298.57	
			\$ —
b2452.1	\$ 381,271.02	\$ 31,772.58	
			\$ —
b2743.2	\$ (75,320.79)	\$ (6,276.73)	\$6.46%
			\$ (405.48)
b2743.3	\$ 1,899.62	\$ 158.30	6.46%
			\$ 10.23
b2743.4	\$ (5,326.95)	\$ (443.91)	6.46%
			\$ (28.68)
b0132.3	\$ (18,330.44)	\$ (1,527.54)	
			\$ —
b1364	\$ (969.37)	\$ (80.78)	

b1362	\$ 345.29	\$ 28.77	\$ —
			\$ —
b1816.4	\$ 12,928.42	\$ 1,077.37	\$ —
			\$ —
b2688.1	\$ (23,622.62)	\$ (1,968.55)	\$ 12.91%
			\$ (254.14)
b0284.3	\$ (3,142.33)	\$ (261.86)	\$ 13.68%
			\$ (35.82)
b0284.3_dfax	\$ (3,142.33)	\$ (261.86)	\$ —
			\$ —
b0369	\$ (153,974.17)	\$ (12,831.18)	\$ 13.68%
			\$ (1,755.31)
b0369_dfax	\$ (153,974.17)	\$ (12,831.18)	\$ —
			\$ —
b2552.1	\$ 29,233,259.08	\$ 2,436,104.92	\$ —
			\$ —
b3311	\$ —	\$ —	\$ —
			\$ —
b2006.2.1	\$ 165,823.49	\$ 13,818.62	\$ —
			\$ —
b3145	\$ 612,832.50	\$ 51,069.38	\$ 16.60%
			8,477.52
b2752.4	\$ 5,295.73	\$ 441.31	\$ 6.46%
			28.51
TOTAL	\$ 45,901,848.67	\$ 3,825,154.06	\$ 11,285.14

Transmission Enhancements owned by: PECO Energy Company			
PJM	Annual	Monthly	
Upgrade ID	Revenue Requirement	Revenue Requirement	AEP
		(Jun 2022 - May 2023)	
b0269	\$ 2,637,829.50	\$ 219,819.13	\$ 13.68%
			\$ 30,071.26
b0269_dfax	\$ 2,637,829.50	\$ 219,819.13	\$ —
			\$ —
b0269.10	\$ 1,882,353.00	\$ 156,862.75	\$ —
			\$ —
b1591	\$ 712,795.00	\$ 59,399.58	

			\$	—
b0269.6	\$ 224,626.00	\$ 18,718.83	\$ 13.68%	
			\$ 2,560.74	
b0269.6_dfax	\$ 224,626.00	\$ 18,718.83		
			\$ —	
b0171.1	\$ 303,041.00	\$ 25,253.42	\$ 13.68%	
			\$ 3,454.67	
b0171.1_dfax	\$ 303,041.00	\$ 25,253.42		
			\$ —	
b1590.1-b1590.2	\$ 2,007,561.00	\$ 167,296.75		
			\$ —	
b1900	\$ 4,454,800.00	\$ 371,233.33		
			\$ —	
b0727	\$ 2,693,506.00	\$ 224,458.83		
			\$ —	
b2140	\$ 2,506,458.00	\$ 208,871.50		
			\$ —	
b1182	\$ 2,573,658.00	\$ 214,471.50		
			\$ —	
b1717	\$ 1,663,365.00	\$ 138,613.75		
			\$ —	
b1178	\$ 1,179,805.00	\$ 98,317.08		
			\$ —	
b0790	\$ 250,240.00	\$ 20,853.33		
			\$ —	
b0506	\$ 312,135.00	\$ 26,011.25		
			\$ —	
b0505	\$ 349,633.00	\$ 29,136.08		
			\$ —	
b0789	\$ 342,651.00	\$ 28,554.25		
			\$ —	
b0206	\$ 470,622.00	\$ 39,218.50		
			\$ —	
b0207	\$ 633,392.00	\$ 52,782.67		
			\$ —	
b0209	\$ 358,618.00	\$ 29,884.83		
			\$ —	
b0264	\$ 298,003.00	\$ 24,833.58		
			\$ —	
b0357	\$ 292,915.00	\$ 24,409.58		
			\$ —	
b1398.8	\$ 228,217.00	\$ 19,018.08		
			\$ —	

b0287	\$ 373,790.00	\$ 31,149.17	\$ 13.68%
			\$ 4,261.21
b0287_dfax	\$ 373,790.00	\$ 31,149.17	\$ —
			\$ —
b0208	\$ 561,301.00	\$ 46,775.08	\$ —
			\$ —
b2694	\$ 1,586,968.00	\$ 132,247.33	5.77%
			\$ 7,630.67
b2766.2	\$ 53,250.50	\$ 4,437.54	13.68%
			\$ 607.06
b2766.2_dfax	\$ 53,250.50	\$ 4,437.54	\$ —
			\$ —
TOTAL	\$ 32,544,070.00	\$ 2,712,005.81	\$ 48,585.59

Required Transmission Enhancements owned by: American Transmission Systems, Inc.			
PJM Upgrade ID	Annual Requirement	Monthly Requirement	AEP
		(Jan - Dec 2023)	
b1587	\$ 2,044,901.08	\$ 170,408.42	
			\$ —
b1920	\$ 3,294,674.41	\$ 274,556.20	
			\$ —
b1977	\$ 6,786,983.91	\$ 565,581.99	
		\$ —	\$ —
b1959	\$ 15,249,290.03	\$ 1,270,774.17	
			\$ —
b2972	\$ 532,646.47	\$ 44,387.21	5.38%
			2,388.03
b2124.4	\$ 572,294.11	\$ 47,691.18	
			\$ —
b2124.1	\$ 4,784.46	\$ 398.71	
			\$ —
b2124.2	\$ 44,059.12	\$ 3,671.59	
			\$ —
TOTAL	\$ 28,529,633.60	\$ 2,377,469.47	\$ 2,388.03

Transmission Enhancements owned by: Transource West Virginia, LLC		
PJM Upgrade	Annual Revenue	Monthly Requirement
ID	Requirement	Requirement (Jan - Dec 2023)
b2609.4	\$ 9,063,716.00	\$ 755,309.67
TOTAL	\$ 9,063,716.00	\$ 755,309.67

Transmission Enhancements owned by: Transource Maryland, LLC		
PJM Upgrade	Annual Revenue	Monthly Requirement
ID	Requirement	Requirement (Jan - Dec 2023)
b2743.5	\$ 838,798.00	\$ 69,899.83
b2752.5		
TOTAL	\$ 838,798.00	\$ 69,899.83

Required Transmission Enhancements owned by: Transource Pennsylvania, LLC			
PJM Upgrade	Annual Revenue	Monthly Requirement	
ID	Requirement	Requirement (Jan - Dec 2022)	AEP
b2743.5	\$ 906,906.00	\$ 75,575.50	6.46%
b2743.1.			\$ 4,882.18
b2752.5			
b2752.1			
TOTAL	\$ 906,906.00	\$ 75,575.50	4,882.18

Requester

Transmission Enhancements owned by: Silver Run Electric, Inc.

PJM	Annual	Monthly	
Upgrade ID	Revenue Requirement	Revenue Requirement (Jan - Dec 2022)	AEP
b2633.1-b2633.2	\$ 25,861,317.49	\$ 2,155,109.79	
TOTAL	\$ 25,861,317.49	\$ 2,155,109.79	\$ —

Transmission Enhancements owned by: Northern Indiana Public Service Company (NIPSCO) in Midcontinent Independent System Operator, Inc. (MISO)			
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PJM	Annual	Monthly	
Upgrade ID	Revenue Requirement	Revenue Requirement (Jan - Dec 2023)	AEP
b2971	\$ 846,120.00	\$ 70,510.00	\$16.65%
			11739.92
b2973	\$ 736,106.00	\$ 61,342.17	\$26.02%
			15961.23
b2974	\$ 6,505.00	\$ 542.08	\$40.28%
			218.35
b2975	\$ 913,279.00	\$ 76,106.58	\$4.51%
			3432.41
TOTAL	\$ 2,502,010.00	\$ 208,500.83	\$ 31,351.90

Transmission Enhancements owned by: The Dayton Power & Light Company			
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PJM	Annual	Monthly	
Upgrade ID	Revenue Requirement	Revenue Requirement (Jan - Dec 2023)	AEP
b1570	\$ 5,440,021.30	\$ 453,335.11	

			\$ —
TOTAL	\$ 5,440,021.30	\$ 453,335.11	\$ —
Transmission Enhancements owned by: South FirstEnergy Operating Companies			
PJM	Annual	Monthly	
Upgrade	Revenue	Revenue	
ID	Requirement	Requirement	AEP
		(Jan - Dec 2023)	
b0577	\$ 44,738.50	\$ 3,728.21	\$13.68%
			510.02
b0577_dfax	\$ 44,738.50	\$ 3,728.21	
			\$ —
b2609.5	\$ 310,274.00	\$ 25,856.17	\$100.00%
			25,856.17
b0238	\$ 474,593.00	\$ 39,549.42	
			\$ —
b0373	\$ 255,572.00	\$ 21,297.67	
			\$ —
b1507.2	\$ 7,598.00	\$ 633.17	13.68%
			\$ 86.62
b1507.2_dfax	\$ 7,598.00	\$ 633.17	
			\$ —
b1507.3	\$ 1,000,184.50	\$ 83,348.71	13.68%
			\$ 11,402.10
b1507.3_dfax	\$ 1,000,184.50	\$ 83,348.71	
			\$ —
b2688.3	\$ 62,093.00	\$ 5,174.42	12.91%
			\$ 668.02
b0347.17-32	\$ 127,297.00	\$ 10,608.08	13.68%
			\$ 1,451.19
b0347.17-32_dfax	\$ 127,297.00	\$ 10,608.08	
			\$ —
b1835	\$ 1,501.00	\$ 125.08	
			\$ —
b1022.11	\$ 55,660.00	\$ 4,638.33	
			\$ —
b1022.5	\$ 75,212.00	\$ 6,267.67	
			\$ —
b3006	\$ 14,022,374.00	\$ 1,168,531.17	
			\$ —
b3011.2	\$ 105,656.00	\$ 8,804.67	
			\$ —

APCO Exhibit No. _____

Witness MMH

Schedule 46 a(1) Statement 4 PJM RTEP

36

b3011.5	\$ 115,520.00	\$ 9,626.67	\$ —
b2743.6-7	\$ —	\$ —	6.46%
b2743.8	\$ —	\$ —	6.46%
b2965	\$ 2,580,198.00	\$ 215,016.50	\$ —
TOTAL	\$ 20,418,289.00	\$ 1,701,524.11	\$ 39,974.11

Monthly AEP Responsibility	Annual AEP Responsibility
\$ 15,458,940.31	\$ 185,507,283.76

AEP LSE Share	85.034%
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APCO's Average 12CP Percentage	28.767%
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Annual	APCO's Share of RTEP Expenses (APCo RTEP)	\$ 45,378,779.97
Monthly	APCO RTEP	\$ 3,781,565.00

23052021

APPALACHIAN POWER COMPANY - VIRGINIA
TRANSMISSION RATE ADJUSTMENT CLAUSE (T-RAC)
Deviation of PJM Administrative Charge
Rate Year Beginning September 1, 2023

APCO Exhibit No.
Volume 1000
Schedule 46
a(1) Statement 8 PJM Admin
Page 1 of 1

Year	2023/2024
Bus Unit	213

Projected Amount	0	10	11	12	1	2	3	4	5	6	7	8	Grand Total
Account	\$												
5614000	\$	580,229	\$	431,320	\$	476,707	\$	510,071	\$	950,723	\$	911,338	\$
(5618001)	\$	1,173,229	\$	-126,649	\$	-161,983	\$	164,415	\$	224,640	\$	170,176	\$
Grand Total	\$	707,058	\$	606,273	\$	626,762	\$	673,450	\$	933,583	\$	781,514	\$

Notes

- (A) PJM Administrative Service Fees for Scheduling, System Control and Dispatching Services (5614001)
- (B) PJM Administrative Service Fees for Reliability Planning and Standards Development Services (5618001)
- PJM Administrative Service Fees for Market Administration, Monitoring and Compliance Services- NOT INCLUDED PER ORDER IN CASE NO. 2009-00031 (5757001)

APPALACHIAN POWER COMPANY - VIRGINIA
 Subsection A-4 Costs
 Subsection A-4 Costs- Update Calculation
 For the Period
 Beginning April 2023 through August 2023

APCO Exhibit No. Witness MAHUCEN
 Schedule 48
 a(1) Statement 6 - Update Period
 Page 1 of 1

Line No.	Item Description	Rate	Actl	May	June	July	August	Total	
1(A)	NTS Rate \$/MWh - Day		\$ 339.52	\$ 339.52	\$ 339.52	\$ 339.52	\$ 339.52	\$ 339.52	
2(A)	AEP East LSE 1 NSPL		\$ 16,535	\$ 16,535	\$ 16,535	\$ 16,535	\$ 16,535	\$ 16,535	
3(A)	Number of Days - Month			30	31	30	31	31	
4(A)	APOCO's PJM NTS Charge (Line 1(A) * 2(A) * 3(A))		\$ 188,790,103	\$ 185,081,106	\$ 188,790,103	\$ 195,081,106	\$ 185,081,106	\$ 947,879,524	
5(A)	APCO's Actual 1CP Percentage			28.767%	28.767%	28.767%	28.767%	28.767%	
6(B)	Open Access Distribution Customers -1 CP MW contribution * Line 1 - Line 3	1 CP MW contribution 31.0	\$ (315,754)	\$ (326,278)	\$ (315,754)	\$ (326,278)	\$ (326,278)	\$ (326,278)	
6(A)	Appalachian Virginia Retail Jurisdiction			53.91%	53.91%	53.91%	53.91%	53.91%	
7(A)	APCO's Va Jurisdictional NTS Charge ((Line 1(A) * 5(A)) * 6(A))		\$ 28,894,445	\$ 29,878,929	\$ 28,894,445	\$ 29,878,929	\$ 29,878,929	\$ 147,718,889	
				Subsection A-4 Costs- P2P Transmission Credits					
8(A)	PJM Point to Point Transmission Service Credits		\$ (622,691)	\$ (763,409)	\$ (617,076)	\$ (721,203)	\$ (616,276)	\$ (3,772,655)	
9(A)	Appalachian Virginia Retail Jurisdiction			53.91%	53.91%	53.91%	53.91%	53.91%	
10(A)	APCO's Va Jurisdictional P2P Transmission Credits (Line 8(A)*9(A))		\$ (235,713)	\$ (428,631)	\$ (440,613)	\$ (398,823)	\$ (440,040)	\$ (2,033,659)	
				Subsection A-4 Costs -1A Rates					
11(A)	Schedule 1A Rate \$/MWh		\$ 0.0049	\$ 0.0048	\$ 0.0049	\$ 0.0049	\$ 0.0049	\$ 0.0049	
12(A)	AEP-East Energy Sales		8,143,514	8,454,292	9,179,064	10,143,066	10,070,802		
13(A)	AEP's PJM Schedule 1A Charge (Line 11(A) * 12(A))		\$ 39,636	\$ 41,142	\$ 44,669	\$ 48,365	\$ 49,008	\$ 223,813	
14(A)	APCO's Forecasted Energy Sales %		26.343%	25.785%	24.845%	25.455%	25.300%		
15(A)	Appalachian Virginia Retail Jurisdiction			52.43%	52.43%	52.43%	52.43%	52.43%	
16(A)	APCO's Va Jurisdictional 1A Charge (Line 13(A) * 14(A)*15(A))		\$ 8,474	\$ 8,862	\$ 9,818	\$ 10,114	\$ 9,523	\$ 29,921	
				Subsection A-4 Costs- Schedule 13 RTEP Costs					
17(A)	Levelized APCO RTEP Costs Transmission Enhancement Charge Adjustment (FERC EL05-121-009)		\$ 3,781,665	\$ 3,781,665	\$ 3,781,665	\$ 3,781,665	\$ 3,781,665	\$ 18,907,825	
18(A)	Appalachian Virginia Retail Jurisdiction		\$ (268,530)	\$ (268,530)	\$ (268,530)	\$ (268,530)	\$ (268,530)	\$ (1,342,646)	
19(A)	APCO's Va Jurisdictional RTEP Charges (Line 17(A)-18(A))		\$ 1,893,190	\$ 1,893,190	\$ 1,893,190	\$ 1,893,190	\$ 1,893,190	\$ 9,485,944	
				Subsection A-4 Costs- PJM Admin Costs					
20(A)	APCO PJM Admin Costs		\$ 643,679	\$ 487,769	\$ 678,176	\$ 670,273	\$ 678,936	\$ 3,150,853	
21(A)	Appalachian Virginia Retail Jurisdiction			48.91%	48.91%	48.91%	48.91%	48.91%	
22(A)	APCO Va Jurisdictional PJM Admin Costs (Line 20(A)*21(A))		\$ 318,613	\$ 235,568	\$ 320,721	\$ 327,648	\$ 321,104	\$ 1,544,083	
23(A)	APCO's Va Jurisdictional T-RAC Expenses (Line 7(A) + 10(A)+16(A)-18(A)+22(A))		\$ 30,844,011	\$ 31,429,234	\$ 36,754,472	\$ 31,789,351	\$ 31,721,443	\$ 154,728,733	
24(A)	APCO's Va Jurisdictional T-RAC Revenue Recovery (Using biennial billing determinants)		\$ 26,919,802	\$ 25,563,242	\$ 26,744,974	\$ 30,384,851	\$ 31,428,222	\$ 143,040,791	
25(A)	APCO's Va Jurisdictional Under (Over) Recovery Position (Line 23(A)-24(A))		\$ 1,824,599	\$ 8,073,994	\$ 4,099,498	\$ 1,284,700	\$ 293,241	\$ 13,987,942	

APPALACHIAN POWER COMPANY - VIRGINIA
Subsection A-4 Costs
Estimate of Annual Transmission Revenues at Current Rates

APCO Exhibit No. _____
Witness CEN
Schedule 46
Section 1
Statement 6
Page 2 of 2

Using triennial billing determinants

Sum of Revenues	Total
Monthly Revenues	
January	\$ 36,490,455
February	\$ 44,631,779
March	\$ 35,799,693
April	\$ 28,919,502
May	\$ 25,563,242
June	\$ 26,744,974
July	\$ 30,384,851
August	\$ 31,428,222
September	\$ 29,336,875
October	\$ 26,651,745
November	\$ 26,972,208
December	\$ 34,760,589
Grand Total	\$ 377,684,135

**APPALACHIAN POWER COMPANY - VA
TRANSMISSION RATE ADJUSTMENT CLAUSE (T-RAC)
Projected T-RAC Costs
Rate Year-2027
in Millions**

APCO Exhibit No. Winnex MMH
Schedule 46
(1) Statement 7 Proj. Cost
Page 1 of 1

APPALACHIAN POWER COMPANY - VIRGINIA
 TRANSMISSION RATE ADJUSTMENT CLAUSE (T-RAC)
 COST OF SERVICE - ITEMIZATION
 Calendar Year 2024

APCO Estim. No.
 Version MMHCEN
 Schedule 46
 Forecasted 2024
 Page 1 of 1

(A)	(B)	(C)	(D)	(E)
				(B) * (C)
Calendar Year 01/01/2024 - 12/31/2024				
Line #	Description	APCO's Transmission Expenses*	VAs Jurs. %	Allocated Description
1	Network Integration Transmission Service (NITS) Charges	\$ 679,026,128	53.81%	Demand \$ 366,084,714 Schedule 46, Section 1, Statement 3; Page 1 of 1; Line 7
2	Point to Point Transmission Service Credits	\$ (8,508,843)	53.81%	Demand \$ (4,344,383) Schedule 46, Section 1, Statement 3; Page 1 of 1; Line 8
3	Ancillary Service Schedule 1A Charges (Transmission Owner Scheduling, System Control and Load Dispatching)	\$ 1,177,293	52.43%	Energy \$ 617,216 Schedule 46, Section 3, Statement 3; Page 1 of 1; Line 14
4	PJM Transmission Enhancement Charges (Schedule 12)			
5	Schedule 12 RTEP Projects	\$ 39,869,372	53.81%	Demand \$ 21,494,315 Schedule 46, Section 1, Statement 4; Page 22 of 22; APCo RTEP
6	Transmission Enhancement Charge Adjustment (FERC EL05-121-009)	\$ (3,722,335)	53.81%	Demand \$ (1,737,275)
6	Total of PJM Transmission Enhancement Charges	\$ 36,146,037		\$ 19,757,041
7	PJM Administrative Charges*			
8	PJM Admin - RSC A DS - Internal	\$ 4,554,315	48.81%	Demand \$ 3,207,792 Schedule 46, Section 1, Statement 5; Page 1 of 1; 0014001 (A)
9	PJM Admin - RP & SDS - Internal	\$ 1,862,130	48.81%	Demand \$ 910,768 Schedule 46, Section 1, Statement 5; Page 1 of 1; 0014001 (B)
10	PJM Admin - MAR & SG - Internal	\$ —	48.81%	Demand \$ — Not Applicable
11	PJM Admin - Default LSE	\$ —	48.81%	Demand \$ — Not Applicable
12	PJM Administrative Charges (Line 8 + 11)	\$ 6,420,345		\$ 4,118,530
13	Demand Response Program Cost Recovery	\$ —	53.81%	Demand \$ —
14	Total T-RAC Revenue Requirement (Line 1 + 2 + 3 + 4 + 6 + 12 + 13)	\$ 710,702,824		\$ 383,921,126

Notes:

12 Month Demand & Energy Study of Transmission- Excludes Kingsport and FERC Customers (December)

12 Month Demand and Energy Study - Includes Kingsport and FERC Customers (December)

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APPALACHIAN POWER COMPANY - VIRGINIA
TRANSMISSION RATE ADJUSTMENT CLAUSE (T-RAC)
COST OF SERVICE - ITEMIZATION
Calendar Year 2025

APCO Exhibit No.
Witness MULHCAEN
Schedule 48
Forecasted 2025
Page 1 of 1

(A)	(B)	(C)	(D)	(E) (B) * (C)
Calendar Year 01/01/2025 - 12/31/2025				
Line No.	Description	APCO's Transmission Expenses*	VAs Juris. & Description	VAs Transmission Expenses
1	Network Integration Transmission Service (NITS) Charges	\$ 702,303.744	53.81% Demand	\$ 378,635.500 Schedule 48, Section 1, Statement 3; Page 1 of 1, Line 7
2	Point to Point Transmission Service Credits	\$ (6,006,843)	53.81% Demand	\$ (4,584,363) Schedule 48, Section 1, Statement 3; Page 1 of 1; Line 8
3	Ancillary Service Schedule 1A Charges (Transmission Owner Scheduling, System Control and Load Dispatching)	\$ 1,632,823	52.43% Energy	\$ 867,043 Schedule 48, Section 3, Statement 3; Page 1 of 1; Line 14
4	PJM Transmission Enhancement Charges (Schedule 12)			
5	Schedule 12 RTEP Projects	\$ 38,718,117	53.81% Demand	\$ 20,874,176 Schedule 48, Section 1, Statement 4; Page 22 of 22; APCo RTEP
	Transmission Enhancement Charge Adjustment (FERC EL05-121-009)	\$ (2,222,356)	53.81% Demand	\$ (1,727,275)
6	Total of PJM Transmission Enhancement Charges	\$ 35,495,762		\$ 19,146,901
7	PJM Administrative Charges*			
8	PJM Admin - O&G & C - Internal	\$ 6,722,172	48.81% Demand	\$ 3,287,055 Schedule 48, Section 1, Statement 5; Page 1 of 1; 5014001 (A)
9	PJM Admin - RPP & DSC - Internal	\$ 1,908,590	48.81% Demand	\$ 933,533 Schedule 48, Section 1, Statement 5; Page 1 of 1; 5018001 (B)
10	PJM Admin - MAM & SC - Internal	\$ —	48.81% Demand	\$ — Not Applicable
11	PJM Admin - Defaults LSC	\$ —	48.81% Demand	\$ — Not Applicable
12	PJM Administrative Charges (Line 8 + 11)	\$ 8,630,652		\$ 4,221,491
13	Demand Response Program Cost Recovery	\$ —	53.81% Demand	\$ —
14	Total T-RAC Revenue Requirement (Line 1 + 2 + 3 + 6 + 12 + 13)	\$ 729,879,226		\$ 399,474,574

Notes

12 Month Demand & Energy Study of Transmission- Excludes Kingsport and FERC Customers (December)
12 Month Demand and Energy Study - Includes Kingsport and FERC Customers (December)

APPALACHIAN POWER COMPANY - VIRGINIA
TRANSMISSION RATE ADJUSTMENT CLAUSE (T-RAC)
COST OF SERVICE - ITEMIZATION
Calendar Year 2026

APCO Exhibit No. Wmress.MDTHCEA
Schedule 4
Forecasted 2021
Page 1 of

(A)	(B)	(C)	(D)	(E) (B) * (C)	
Calendar Year 01/01/2026 - 12/31/2026					
Line No.	Description	APCo's Transmission Expense*	VAs Allocation Description	VAs Transmission Expense	APCo Total Transmission Expenses* Item Location
1	Network Integration Transmission Service (NITS) Charges	\$ 733,263,425	53.91% Demand	\$ 395,335,728	Schedule 46, Section 1, Statement 3, Page 1 of 1; Line 7
2	Polet to Polet Transmission Service Credits	\$ (5,596,943)	53.91% Demand	\$ (3,055,745)	Schedule 46, Section 1, Statement 3; Page 1 of 1; Line 8
3	Ancillary Service Schedule 1A Charges (Transmission Owner Scheduling, System Control and Load Dispatching)	\$ 1,683,633	52.43% Energy	\$ 882,684	Schedule 46, Section 3, Statement 3; Page 1 of 1; Line 14
4	PJM Transmission Enhancement Charges (Schedule 12)				
5	Schedule 12 RTEEP Projects Transmission Enhancement Charge Adjustment (FERC EL03-121-002)	\$ 40,906,702	53.91% Demand	\$ 22,044,721	Schedule 46, Section 1, Statement 4; Page 22 of 22; APCo RTEP
		\$ (3,722,355)	85.81% Demand	\$ (1,737,275)	
6	Total of PJM Transmission Enhanced Charges	\$ 37,674,347		\$ 20,311,446	
7	PJM Administrative Charges*				
8	PJM Admin - BSC & DS Internet	\$ 6,850,224	48.91% Demand	\$ 3,370,153	Schedule 46, Section 1, Statement 5; Page 1 of 1; 5614001 (A)
9	PJM Admin - BSC & DS Internet	\$ 1,958,354	48.91% Demand	\$ 936,872	Schedule 46, Section 1, Statement 5; Page 1 of 1; 5618001 (B)
10	PJM Admin - MAIA & RC Internet	\$ —	48.91% Demand	\$ —	Not Applicable
11	PJM Admin - Defaults LSE	\$ —	48.91% Demand	\$ —	
12	PJM Administrative Charges (Line 8 - 11)	\$ 8,808,618		\$ 4,337,025	
13	Demand Response Program Cost Recovery	\$ —	53.91% Demand	\$ —	
14	Total T-RAC Revenue Requirement (Line 1 + 2 + 3 + 6 + 12 + 13)	\$ 772,860,101		\$ 416,250,828	

Math

12 Month Demand & Energy Study of Transmission- Excludes Kingsport and FERC Customers (December)

12 Month Demand and Energy Study - Includes Kingsport and FERC Customers (December)

APPALACHIAN POWER COMPANY - VIRGINIA
 TRANSMISSION RATE ADJUSTMENT CLAUSE (T-RAC)
 COST OF SERVICE - ITEMIZATION
 Calendar Year 2027

APCO Extra
 Witness: JAMESON
 Schedule 46
 Forecasted 2027
 Page 1 of 1

(A)	(B)	(C)	(D)	(E) (B) * (C)
Calendar Year 01/01/2027 - 12/31/2027				
Line No.	Description	APCO's Transmission Expense	VAs Allocation Percentage	APCO Total Transmission Expenses* by Location
1	Network Integration Transmission Service (NITS) Charges	\$ 780,176,129	53.81%	Demand \$ 420,617,378 Schedule 46, Section 1, Statement 3; Page 1 of 1; Line 7
2	Point to Point Transmission Service Credits	\$ (8,504,843)	53.81%	Demand \$ (4,584,365) Schedule 46, Section 1, Statement 3; Page 1 of 1; Line 8
3	Ancillary Service Schedule 1A Charges (Transmission Owner Scheduling, System Control and Load Dispatching)	\$ 1,708,841	52.43%	Energy \$ 893,784 Schedule 46, Section 3, Statement 3; Page 1 of 1; Line 14
4	PJM Transmission Enhancement Charges (Schedule 12)			
5	Schedule 12 RTTP Projects	\$ 39,918,705	53.81%	Demand \$ 21,521,451 Schedule 46, Section 1, Statement 4; Page 22 of 22; APCo RTCP
	Transmission Enhancement Charge Adjustment (FERC EL05-121-009)	\$ (3,222,335)	53.81%	Demand \$ (1,737,275)
6	Total of PJM Transmission Enhancement Charges	\$ 36,696,330		\$ 19,784,177
7	PJM Administrative Charges*			
8	PJM Admin - DE & DC - Internet	\$ 6,993,577	48.81%	Demand \$ 3,420,703 Schedule 46, Section 1, Statement 5; Page 1 of 1; 5614001 (A)
9	PJM Admin - DE & DC - Internal	\$ 1,055,740	48.81%	Demand \$ 471,225 Schedule 46, Section 1, Statement 5; Page 1 of 1; 5618001 (B)
10	PJM Admin - IAAA & DC - Internet	\$ —	48.81%	Demand \$ — Not Applicable
11	PJM Admin - Default LSE	\$ —	48.81%	Demand \$ — Not Applicable
12	PJM Administrative Charges (Line 8 + 11)	\$ 8,049,317		\$ 4,381,931
13	Demand Response Program Cost Recovery	\$ —	53.81%	Demand \$ —
14	Total T-RAC Revenue Requirement (Line 1 + 2 + 3 + 6 + 12 + 13)	\$ 819,032,454		\$ 441,102,904

Notes:

12 Month Demand & Energy Study of Transmission- Excludes Kingsport and FERC Customers (December)
 12 Month Demand and Energy Study- Includes Kingsport and FERC Customers (December)

Annual Revenue Requirement Summary
APCo Virginia Retail Jurisdiction

Going level OATT revenue requirement	\$ 378,886,312
Under recovery to be recovered over 12 months	\$ 32,141,756
Pilot Program Distribution	\$ 2,217,797
Total T-RAC Revenue Requirement	\$ 413,245,865

Revenue Requirements				
<u>Under-recovery</u>	<u>Total</u>	<u>Demand</u>	<u>Energy</u>	
T-RAC Prior Period True-up as of March 2023	\$ 18,453,814	\$ 18,468,392	\$ (14,579)	
Update Period April 2023 - August 2023	\$ 13,687,942	\$ 13,671,981	\$ 15,962	
Total under-recovery	\$ 32,141,756	\$ 32,140,373	\$ 1,383	
<u>Going level OATT revenue requirement</u>	<u>\$ 378,886,312</u>	<u>\$ 378,444,489</u>	<u>\$ 441,823</u>	
Pilot Program	\$ 2,217,797	\$ 2,217,797	\$ -	
<u>Totals</u>	<u>\$ 413,245,865</u>	<u>\$ 412,802,659</u>	<u>\$ 443,206</u>	

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Appalachian Power Company
Transmission RAC (T-RAC)
Schedule 46
CAPITAL STRUCTURE AND COST OF CAPITAL
AS OF DECEMBER 31, 2022

	<u>Amount Outstanding</u>	<u>Percent</u>	<u>Cost Rate</u>	<u>Weighted Return Component</u>
		%	%	%
Long-term Debt	\$ 5,171,720,547	50.234%	4.774	2.398
Short-term Debt	\$ 149,980,244	1.457%	4.430	0.065
Total Debt	\$ 5,321,700,791			2.463
			-	
Common Stock	\$ 4,973,570,263	48.309%	9.200	4.444
Investment Tax Credit	\$ -	0.000%	6.944	-
Total	\$ 10,295,271,054	100.00%		
Overall Cost of Capital				<u>6.907</u>

NOTES:

Capital structure used to determine cost rate for Accumulated DITC;

	<u>Amount Outstanding</u>	<u>Percent</u>	<u>Cost Rate</u>	<u>Weighted Return Component</u>
		%	%	%
Long-term Debt	5,171,720,547	50.977%	4.774	2.433
Common Equity	4,973,570,263	49.023%	9.200	4.510
Total	<u>10,145,290,810</u>	<u>100.00%</u>		
Overall Cost of Capital				<u>6.944</u>

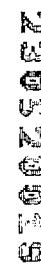
APPALACHIAN POWER COMPANY - VIRGINIA
TRANSMISSION RATE ADJUSTMENT CLAUSE (T-RAC)
Case No. PUC-2023-00081
Schedule 40
Addendum 7 Rev by Clause
Allocation of Power - in Reassignment to Customer Classes

APCD Exhibit No.
Version CEN
Schedule 40
Addendum 7 Rev by Clause
Page 4 of 14

Line No.	Code of Service	Vehicle Identification Number	Vehicle Identification Number	RESIDENTIAL SERVICE			SMALL GENERAL SERVICE			MEDIUM GENERAL SERVICE			GENERAL SERVICE			LARGE POWER SERVICE			SANCTUARY WORKSHOP SERVICE		
				(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	CATT Energy Related Demand Related	443,208	ENER	\$	443,208	\$	100,330	\$	10,074	\$	12,750	\$	70,207	\$	140,248	\$	901	\$	2,328		
2		410,584,482	DEN	\$	410,584,482	\$	223,743,974	\$	20,057,008	\$	15,403,110	\$	56,156,410	\$	81,478,382	\$	1,570,989	\$	16,903		
	Total CATT Transmission Expense	411,020,686			411,020,686		233,936,734		20,077,370		15,475,867		58,227,277		81,519,240		1,571,320		19,251		
3	Pilot Project Energy Related Demand Related	2,217,787	ENER	\$	2,217,787	\$	1,252,361	\$	100,330	\$	83,575	\$	314,125	\$	440,115	\$	9,029	\$	91		
4	Total Pilot Project Expense	2,217,787			2,217,787		1,252,361		100,330		83,575		314,125		440,115		9,029		91		
5	Total T-RAC Code of Service (line 1-2)	413,245,605			413,245,605		255,189,315		20,165,713		15,559,262		58,541,472		82,069,755		1,660,959		19,322		
	Rate Year Demand Related Charges	412,802,559		\$	412,802,559	\$	255,002,935	\$	20,165,029	\$	15,549,843	\$	58,470,545	\$	81,019,246	\$	1,579,994	\$	18,994		
	Rate Year Energy Related Charges	443,208		\$	443,208	\$	100,330	\$	10,074	\$	12,750	\$	70,207	\$	140,248	\$	901	\$	2,328		

Appalachian Power Company
Case No. PUR-2023-00061
T-RAC (T-RAC)
Estimated Yearly Revenue Requirements by Class
in \$000's

APCO Exhibit No. _____
Witness CEN
Schedule 46
a3 Statement 3 RAC Rev By Class
Page 5 of 16



Total	Non-Jurisdiction	Virginia Jurisdiction	RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	MEDIUM GENERAL SERVICE	GENERAL SERVICE	LARGE POWER SERVICE	SANCTUARY WORSHIP SERVICE	OUTDOOR LIGHTING SERVICE
			RS	SOS	MGS	GS	LPS	SWS	OL
Rate Year	\$ 703,569	\$ 290,323	\$ 413,246	\$ 235,199	\$ 20,186	\$ 15,559	\$ 58,541	\$ 82,060	\$ 1,681
2024	\$ 716,763	\$ 330,772	\$ 385,991	\$ 219,652	\$ 18,854	\$ 14,531	\$ 54,684	\$ 76,672	\$ 1,570
2025	\$ 739,579	\$ 341,305	\$ 398,275	\$ 226,623	\$ 19,452	\$ 14,992	\$ 58,429	\$ 78,139	\$ 1,619
2026	\$ 772,960	\$ 356,700	\$ 416,260	\$ 238,860	\$ 20,331	\$ 15,669	\$ 58,976	\$ 82,710	\$ 1,692
2027	\$ 819,052	\$ 377,950	\$ 441,103	\$ 251,001	\$ 21,345	\$ 16,604	\$ 62,495	\$ 87,841	\$ 1,793

*Non-Jurisdiction Rate Year does not include under-recovery

APPALACHIAN POWER COMPANY - VIRGINIA
TRANSMISSION RATE ADJUSTMENT CLAUSE (T-RAC)
Case No PUR-2022-00014
Schedule 46
Customer Class Demand and Energy Allocators

APCO Exhibit No. _____
Witness JBS
Schedule 46
a4 Statement 1-Class Allocators
Page 8 of 16

Line No.	Allocator Name	Allocator	Allocation by Customer Class							
			RESIDENTIAL SERVICE		SMALL GENERAL SERVICE		MEDIUM GENERAL SERVICE		GENERAL SERVICE	
			RS	SGS	MGS	G	LPS	SWS	OL	Sec
1	NON-SHOPPING DEMAND - SIX CP	DEM	2,777,208	1,581,027	135,671	104,593	393,372	551,128	11,302	114
2	NON-SHOPPING KWH AT GENERATOR	ENER	15,404,223,869	8,825,438,283	683,779,958	443,126,624	2,463,080,019	4,874,493,056	33,402,780	80,902,269
3	TOTAL DISTRIBUTION PLANT	DIST	2,455,440,198	1,636,188,466	151,726,825	91,076,627	345,900,265	156,771,089	10,028,995	63,149,030
4	DEMAND - SIX CP	DEM	1.00	0.569286	0.048852	0.037661	0.141643	0.198447	0.004070	0.000041
5	KWH AT GENERATOR	ENER	1.00	0.443089	0.044389	0.028767	0.159886	0.316439	0.002168	0.005252
6	TOTAL DISTRIBUTION PLANT	DIST	1.00	0.666352	0.061792	0.037082	0.140871	0.063847	0.004329	0.025718

Source: 2023 Tariffial Schedule 46 C



APPALACHIAN POWER COMP-NY - VIRGINIA
TRANSMISSION RATE CLAUSE/T-RAAC
Case No. PUE-2021-00014
Schedule 4B
TOD Recovery Requirements and Rate Design

APCO Exhibit No.
Volume 2021
Schedule 4B
et al Statement 2 100
Page 7 of 18

Line No.	Temp Code	Tariff Description	All Charges (For the entire Class)	Off-Peak Revenue Requirement (DPA)	On-Peak Revenue Requirement (OPR)	Units @ Secondary Voltage Level	Off-Peak Units ¹	On-Peak Units ²	Secondary Rate (SRR)			TOD Tariff Off-Peak Units	TOD Tariff On-Peak Units	Off-Peak Revenue	On-Peak Revenue				
									(M) = (B) * (Q) Going Level Factors										
									(M) = (C) * (A)	(M) = (C) + (D)	(M) = (E) / (F)								
			Dollars				Dollars	Dollars	Dollars	Dollars	Dollars								
1	30	R1-T-100	\$ 235,160,213	\$ 32,618,631	\$ 211,679,363	6,423,631,718	3,662,261,303	2,146,772,514	\$ 0.00037	\$ 0.00781	-	\$ 8,863,61	\$ 174,326	\$ 53,773	\$ 15,944,39	\$ 33,922,84			
2	223	S23-T-100	\$ 23,163,713	\$ 2,016,371	\$ 18,167,141	611,441,907	313,826,062	286,407,645	\$ 0.00088	\$ 0.01768	-	\$ 0.0098	\$ 0.01768	\$ 23,361	\$ 12,783	\$ 146,22	\$ 212,63		
3	223	C-3-TOD Pre-MCC	\$ 13,159,382	\$ 1,520,108	\$ 14,033,453	154,933,948	211,314,951	201,388,041	\$ 0.00011	\$ 0.00983	-	\$ 0.00114	\$ 0.00983	\$ 20,000,00	\$ 12,783,57	\$ 124,413,5	\$ 133,891,19		
4	C-2	C-5-TOD Pre-MCC	\$ 13,128,370	\$ 1,520,108	\$ 14,033,453	154,933,948	211,314,951	201,388,041	\$ 0.00083	\$ 0.00983	-	\$ 0.00083	\$ 0.00983	\$ 0	\$ 0	\$ 0	-		
5	227	LOS-TOD Pre-MCC	\$ 13,128,370	\$ 1,520,108	\$ 14,033,453	154,933,948	211,314,951	201,388,041	\$ 0.00014	\$ 0.00983	-	\$ 0.00014	\$ 0.00983	\$ 14,000,00	\$ 10,152,86	\$ 81,006,32	\$ 703,868,83		
6	227	LOS-TOD Pre-MCC	\$ 13,128,370	\$ 1,520,108	\$ 14,033,453	154,933,948	211,314,951	201,388,041	\$ 0.00083	\$ 0.00983	-	\$ 0.00083	\$ 0.00983	\$ 0	\$ 0	\$ 0	-		
7	Total of Lines 1-6			\$ 286,023,612	\$ 26,638,381	\$ 257,632,421	\$ 7,624,349,912	\$ 4,942,307,443	\$ 0.00017	\$ 0.00981				\$ 36,446,384	\$ 24,598,832	\$ 776,636,76	\$ 1,724,489,63		
8																			

Notes:

Total C-5-TOD Pre-MCC and LOS-TOD Pre-MCC is calculated on overall rate.

¹ Company does not distinguish between secondary and primary for S23 class.

² Total Off-Peak Unit's
Source: Load Research, On- and Off-Peak with Study (Please Test Year 2019)

LOS-TOD
LOS-TOD
LOS-TOD
LOS-TOD

LOS-TOD
LOS-TOD

³ C-2-TOD and LOS-TOD Primary Rate was developed by adding the existing rates to satisfy the C-5 Class All regular Revenue

Primary		
Off-Peak	On-Peak	Off-Peak
\$ 0.00781	\$ 0.00981	\$ 0.00037
\$ 0.01768	\$ 0.00983	\$ 0.00083

⁴ Under Recovery Rate's Estimation:

Under Recovery Measure Requirement	Going Level Revenue Requirement	Total F Factor
Under Recovery Measure Requirement	Going Level Revenue Requirement	
Under Recovery Measure Requirement	Going Level Revenue Requirement	
Under Recovery Measure Requirement	Going Level Revenue Requirement	
Under Recovery Measure Requirement	Going Level Revenue Requirement	

Under Recovery Rate's Estimation:

MGS/ GS Target Rate Development				Billing Determinants				Step 1				
MGS	Energy	Demand	Excess Off - Peak		Current T-RAC Rates	per kWh	per kW	Excess kW	Current Revenues			
MGS SEC	360,870,723	2,011,288	1,302		0.02332	\$1.70	\$0.67	\$	8,415,505	\$	3,419,189	\$ 873
MGS PRI	32,092,280	199,957	494		0.02224	\$1.65	\$0.65	\$	713,732	\$	328,929	\$ 321
MGS SUB	2,468,934	12,875	-		0.02215	\$1.64	\$0.64	\$	55,086	\$	21,115	\$ -
MGS TRAN	800,284	7,873	-		0.02178	\$1.61	\$0.63	\$	17,430	\$	12,876	\$ -
GS								\$	9,201,753	\$	3,782,910	\$ 1,194
GS SEC, Block 1	1,317,346,714	5,003,088	9,062		0.02332	1.7	0.67	\$	30,720,525	\$	8,505,250	\$ 6,071
Block 2	614,241,002	-	-		0.00769			\$	4,723,513			
GS PRI, Block 1	124,003,181	478,121	1,340		0.02224	1.65	0.65	\$	2,757,831	\$	788,900	\$ 871
Block 2	79,125,053	-	-		0.00733			\$	579,987			
GS SUB, Block 1	5,568,816	21,304	157		0.02215	1.64	0.64	\$	123,349	\$	34,938	\$ 101
Block 2	3,553,212	-	-		0.00733			\$	26,045			
GS TRAN, Block 1	-	-	-		0.02178	1.61	0.63	\$	-	\$	-	\$ -
Block 2	-	-	-		0.00718			\$	-			
LGS/GS TOD	Energy											
GS-TOD Pri	- On peak				0.05297							
	- Off peak				0.00467							
GS-TOD SEC	- On peak	13,428,537			0.05555				745,955			
	- Off peak	20,266,063			0.00490				99,304			
LGS-TOD SEC	- On peak	10,152,590			0.05555				563,976			
	- Off peak	14,836,534			0.00490				72,699			
LGS-TOD Pri	- On peak				0.05297				-			
	- Off peak				0.00467				-			



Step 2				Step 3			
Scaling Rate Development for MGS/ GS Block 1				Development of MGS and GS Secondary Rate			
	per kWh	per kW	Excess kW				
	0.02794	2.04	0.80	A \$	10,082,728	\$ 4,103,027	\$ 1,042
	0.02665	1.98	0.78	\$	855,259	\$ 395,915	\$ 385
	0.02654	1.97	0.77	\$	66,003	\$ 25,364	\$ -
	0.0261	1.93	0.75	\$	20,887	\$ 15,185	\$ -
Current MGS Revenues	\$ 12,985,857			\$	11,024,878	\$ 4,539,502	\$ 1,427
Class Allocation Revenues	\$ 15,559,392						
	1.20%						
	0.02744	2	0.79	B \$	36,147,994	\$ 10,006,176	\$ 7,159
	0.00905			\$	3,245,163	\$ 927,556	\$ 1,018
	0.02617	1.94	0.76				
	0.00863						
	0.02606	1.93	0.75	\$	145,123	\$ 41,116	\$ 118
	0.00863						
	0.02563	1.89	0.74	\$	-	\$ -	\$ -
Current GS Revenues	\$ 49,749,316						
Class Allocation Revenues	\$ 58,541,412						
	1.18%						
	0.00845			MGS/GS Secondary Block 1	(A+B) \$	\$ 14,109,203	\$ 8,201
				Billing Units	1,678,217,437	7,014,376	10,364
					per kWh	per kW	Excess kW
				Initial Rate	0.027550	\$ 2.01	\$ 0.79

(A)	(B)	(C)	(D)	(E)	(F) = (B)-(D)	(G)	(H)	(I)	(J) = (C)-(F)	(K)	(L)	(M) = (C)-(H)	(N)	(O)
Line No.	Tariff Description	Transmission Cost	TOD Revenue Requirement	Energy Revenue Loss TOD Revenue	Units @ Secondary Voltage Level							Secondary Rate		
			Dollars	Dollars	Demand - MW	Exempt - MW	Exempt ¹	Demand ¹						
		Exempt	On-Peak Demanded Demand	Exempt										
1	Residential Service	\$ 150,346 \$ 233,502.335	\$ 94,470	\$ 101,509	6,100,360.728	0	0.02046							
2	Sanctuary Working Service ²	\$ 981 \$ 1,675,004	\$ 0	\$ 1,021	361	20,980.230	0	0.04231						
3	Small General Service ³	\$ 19,674 \$ 26,165,020	\$ 0	\$ 18,582	611,028,463	0	0.02030							
4	Medium General Service ³	\$ 11,518,313 \$ 4,041,000	\$ 1,267	\$ 1,151,325	205,260.272	2,231,091	1.09	1.09	1.09	1.09	1.09	1.09	1.09	0.79
5	Large General Service ³	\$ 0	\$ 0	\$ 0	0	0	0	0	0	0	0	0	0	0
6	Large Power Service ²	\$ 10,248 \$ 81,755,448	\$ 162,539	\$ 140,246	3,722,160.228	6,019,075	0	0.00027	\$ 12.51	\$ 1.15	\$ 1.15			
7	Other Power Service ²	\$ 226 \$ 10,794	\$ 0	\$ 2,278	722,433.977	0	0.00027							
	Total of Line(s) - 7 & 8	\$ 11,473,924 \$ 34,915,312	\$ 185,117	\$ 9,582	10,932,817	10,932,817	1.09	1.09	1.09	1.09	1.09	1.09	1.09	0.79
9	General Services	\$ 43,356,078 \$ 15,160,327	\$ 11,162	\$ 1,655,726	2,143,037,078	5,929,513	0	0.02070	\$ 1.09	\$ 0.79				
10	Block 2 - Other Rates	\$ 897,941 \$ 289,267	\$ 0	\$ 0	660,316.267	1,467,015.712	1	0.02075						
11	Block 1 - Other Rates	\$ 10,480,001 \$ 10,480,001	\$ 0	\$ 0	26,982,511	0								

Line No.	Tariff Description	Secondary Rate			Priority Factors			Priority Factors			Priority Factors			Priority Factors		
		Gating Level Factors	Under Recovery Factor ⁴	Total Factors	Gating Level Factors	Under Recovery Factor ⁴	Total Factors	Gating Level Factors	Under Recovery Factor ⁴	Total Factors	Gating Level Factors	Under Recovery Factor ⁴	Total Factors	Gating Level Factors	Under Recovery Factor ⁴	Total Factors
		Energy - MW	On-Peak Demanded - Off-Peak Excess MW	Off-Peak Demand - Excess MW	Energy - MW	On-Peak Demand - Excess MW	Off-Peak Demand - Excess MW	Energy - MW	On-Peak Demand - Excess MW	Off-Peak Demand - Excess MW	Energy - MW	On-Peak Demand - Excess MW	Off-Peak Demand - Excess MW	Energy - MW	On-Peak Demand - Excess MW	Off-Peak Demand - Excess MW
12	Residential Service	\$ 0.02036	\$ 0.04021	\$ 0.02036	\$ 0.04022	\$ 0.02036	\$ 0.04022	\$ 0.02036	\$ 0.04022	\$ 0.02036	\$ 0.04022	\$ 0.02036	\$ 0.04022	\$ 0.02036	\$ 0.04022	\$ 0.02036
13	Sanctuary Working Service ²	\$ 0.02030	\$ 0.04021	\$ 0.02030	\$ 0.04022	\$ 0.02030	\$ 0.04022	\$ 0.02030	\$ 0.04022	\$ 0.02030	\$ 0.04022	\$ 0.02030	\$ 0.04022	\$ 0.02030	\$ 0.04022	\$ 0.02030
14	Small General Service ³	\$ 0.02025	\$ 0.04021	\$ 0.02025	\$ 0.04022	\$ 0.02025	\$ 0.04022	\$ 0.02025	\$ 0.04022	\$ 0.02025	\$ 0.04022	\$ 0.02025	\$ 0.04022	\$ 0.02025	\$ 0.04022	\$ 0.02025
15	Medium General Service ³	\$ 0.02025	\$ 0.04021	\$ 0.02025	\$ 0.04022	\$ 0.02025	\$ 0.04022	\$ 0.02025	\$ 0.04022	\$ 0.02025	\$ 0.04022	\$ 0.02025	\$ 0.04022	\$ 0.02025	\$ 0.04022	\$ 0.02025
16	Large General Service ³	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002
17	Large Power Service ²	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002
18	Outdoor Lighting	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002	\$ 0.00002
19	General Service - Block 1	\$ 0.02775	\$ 0.05550	\$ 0.02775	\$ 0.05550	\$ 0.02775	\$ 0.05550	\$ 0.02775	\$ 0.05550	\$ 0.02775	\$ 0.05550	\$ 0.02775	\$ 0.05550	\$ 0.02775	\$ 0.05550	\$ 0.02775
	General Service - Block 2	\$ 0.02670	\$ 0.05470	\$ 0.02670	\$ 0.05470	\$ 0.02670	\$ 0.05470	\$ 0.02670	\$ 0.05470	\$ 0.02670	\$ 0.05470	\$ 0.02670	\$ 0.05470	\$ 0.02670	\$ 0.05470	\$ 0.02670

(A)	(B)	(C)	(D)	(E) = (B) - (D)	(F)	(G)	(H)	(M) = (C)(F) or (I) = (C)(G); (J)
Line No.	Tariff Description	Transmission Cost	TOD Revenue Requirement	Energy Revenue Loss TO Revenue	Units @ Secondary Voltage Level			Secondary Rate

Line No.	Tariff Description	Secondary Voltage Rates						Transferee:
		Energy Loss Factor	Demand Factor	Contract Demand Excess Level	Energy- Demand Ratio	Total Factor Contract Demand Ratio	Off-Peak Excess Factor	
20 Medium General Service ¹	0.5454	50.00000	51.551	\$0.70	50.00000	52.00	1.01	\$ 0.00000
21 Large General Service ¹	0.5458	50.00000	52.020	\$0.70	50.00000	52.00	1.01	\$ 0.00000
22 Large Power Service ²	0.5459	50.00000	51.111	\$0.70	50.00000	52.00	1.11	\$ 0.00000
23 Outdoor Lighting								
24 General Service - Block 1	0.5459	50.00000	51.581	\$0.70	50.00000	52.00	1.01	\$ 0.00000
General Service - Block 2	50.00000	50.00000						

OFF PEAK EXCESS DEMAND REVENUE REQUIREMENTS

(A)	(B)	(C)	(D) = (B) / (C)	(E) = (D) * 0.1	(F)	(G) = (B) * (F)	(H) = (B) * (F)	(I) = (B) * (F)	(J) = (H) * (I)
Tariff Description	Energy Related Demand Ratio	Demand Units @ Secondary Voltage Level	Demand Units Secondary Voltage Level	Code Based Off- Peak Excess Demand Charges	Off-Peak Excess Demand Charges	Proposed Off-Peak Excess Demand Charges	Demand Cost Less Off-Peak Excess Demand Charges	Net Demand Cost Less Off-Peak Excess Demand Charges	Adjusted Energy Cost
Medium General Service	\$ 12.750	\$ 15.5476543	2.231053	\$ 6.97	\$ 12.70	1.768	\$ 1.257	\$ 15.345385	\$ 4.3471350
Large General Service	\$ 70.587	\$ 64.4703445	5.5507513	\$ 10.63	\$ 1.00	10.558	\$ 11.102	\$ 54.150353	\$ 11.315135
General Service	\$ 140.248	\$ 81.9183406	1.6191076	\$ 12.03	\$ 1.20	10.94529	\$ 10.6259	\$ 81.755648	\$ 14.330788
Large Power Service	\$ 222.284	\$ 155.9265496	14.541520			14.805	\$ 175.000	\$ 155.765296	\$ 10.986280

¹ Company does not distinguish between secondary and primary for SGS rates. Used total level energy. SGS are not taken weighted down each customer being billed at the secondary rate.

² Adjustment in Class Allocation of Demand and Energy Related Costs. Includes GS Block 1. Energy includes GS Block 2.

For RGS (1) (E) (F)

Used total level energy for revenue verification

Under Recovery of Retail & Distribution Costs

User Recovery of Revenue Requirements

Customer Recovery of Revenue Requirements

Total Revenue Requirements

User Recovery Ratio

The Company is not proceeding to separate under Recovery factor in rate structure. That is why these factors used the going level factors



APPALACHIAN POWER COMPANY - VIRGINIA
TRANSMISSION RATE ADJUSTMENT CLAUSE (T-RAC)
Case No. PUR-2021-00018
Schedule 46
Revenue Proof

APCO Exhibit No. _____
Witness JBS
Schedule 46
n4 Statement 4 RevProof
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Proposed

Line No.	Tariff Code	Tariff Description	KWH	KW	Off-Peak Excess	Energy Rate	Demand Rate	Off-Peak Excess	Total Revenue	Class Total	Cost Study	Under Recovery	Total Target Revenue	Over / (Under)
1	11	RS-LMWH	19,286,220	N/A	N/A	\$0.03858			\$744,062	\$235,446,789	\$235,199,315	\$0	\$235,199,315	\$247,474
2	15	RS	6,060,418,095	N/A	N/A	\$0.03858			\$233,810,985					
3	20	RS EMP	20,540,170	N/A	N/A	\$0.03858			\$792,787					
4	30	RS-TOD - On peak	655,723	N/A	N/A	\$0.06781			\$36,922					
5		- Off peak	1,718,726	N/A	N/A	\$0.06337			\$10,948					
6	51	RS-LMWH	108,381	N/A	N/A	\$0.03858			\$4,104					
7	093	8500 L, 175 W	14,846,283	N/A	N/A	\$0.00027			\$4,008	\$19,533	\$19,322	\$0	\$19,322	\$211
8	094	9500 L, 100 W	12,926,410	N/A	N/A	\$0.00027			\$3,490					
9	095	23000 L, 400 W	3,091,572	N/A	N/A	\$0.00027			\$835					
10	096*	13000 L, 250 W	15,754	N/A	N/A	\$0.00027			\$4					
11	097	22000 L, 200 W	4,382,182	N/A	N/A	\$0.00027			\$1,183					
12	098	50000 L, 400 W	8,757,488	N/A	N/A	\$0.00027			\$2,365					
13	099	8500 L, 175 W	1,248,309	N/A	N/A	\$0.00027			\$337					
14	102	35000 Lumen, 400 W Flood	10,823,447	N/A	N/A	\$0.00027			\$2,868					
15	103	25000 L, 250 W SB	1,288,189	N/A	N/A	\$0.00027			\$348					
16	104	50000 Lumen, 400 W	572,855	N/A	N/A	\$0.00027			\$155					
17	105	38000 Lumen, 400 W	1,716,882	N/A	N/A	\$0.00027			\$484					
18	106	6300 L, 70 W	30,884	N/A	N/A	\$0.00027			\$8					
19	109	50000 L, 400 W Flood	3,282,497	N/A	N/A	\$0.00027			\$888					
20	111	6500 L, 100 W	1,283,054	N/A	N/A	\$0.00027			\$346					
21	113	28500 PTSV, 250 W	467,794	N/A	N/A	\$0.00027			\$126					
22	117	9500 MONO	3,650	N/A	N/A	\$0.00027			\$1					
23	118	22000 MON	29,090	N/A	N/A	\$0.00027			\$8					
24	119	50000 MON	71,840	N/A	N/A	\$0.00027			\$19					
25	124	50000 Lumen, 400 W Flood	570,250	N/A	N/A	\$0.00027			\$154					
26	126	35000 Lumen, 400 W Flood	819,869	N/A	N/A	\$0.00027			\$221					
27	127	28500 L, 250 W Flood	425,110	N/A	N/A	\$0.00027			\$115					
28	131	110000 Lumen, 1000 W Flood	2,745,419	N/A	N/A	\$0.00027			\$741					
29	132	110000 Lumen, 1000 W Flood	154,872	N/A	N/A	\$0.00027			\$42					
30	134	13000 Lumen, 175 W Flood	31,711	N/A	N/A	\$0.00027			\$9					
31	135	13000 Lumen, 175 W Flood	6,154	N/A	N/A	\$0.00027			\$2					
32	136	13001 Lumen, 150W Flood	555,422	N/A	N/A	\$0.00027			\$150					
33	137	13002 Lumen, 150 W Flood	218,727	N/A	N/A	\$0.00027			\$59					
34	141	8500 MON	2,904	N/A	N/A	\$0.00027			\$1					
35	142	22000 MON	33,768	N/A	N/A	\$0.00027			\$9					
36	143	50000 MON	4,000	N/A	N/A	\$0.00027			\$1					
37	150	55W LEDOH	338,882	N/A	N/A	\$0.00027			\$91					
38	151	55W LEDUG	6,475	N/A	N/A	\$0.00027			\$2					
39	152	100W LEDOH	232,736	N/A	N/A	\$0.00027			\$63					
40	153	100W LEDUG	67,324	N/A	N/A	\$0.00027			\$24					
41	154	75W LEDOH	421,387	N/A	N/A	\$0.00027			\$114					
42	155	175W LEDUG	297,656	N/A	N/A	\$0.00027			\$80					
43	156	300W LEDOH	115,691	N/A	N/A	\$0.00027			\$31					
44	157	300W LEDUG	31,198	N/A	N/A	\$0.00027			\$8					
45	158	65W LPTUG	36,964	N/A	N/A	\$0.00027			\$10					
46	159	175W LFLOH	345,482	N/A	N/A	\$0.00027			\$93					
47	160	175W LFLLG	4,314	N/A	N/A	\$0.00027			\$1					
48	161	285W LFLOH	216,482	N/A	N/A	\$0.00027			\$58					
49	162	285W LFLLG	6,611	N/A	N/A	\$0.00027			\$2					
50	213	SGS UMTRD	740,004	N/A	N/A	\$0.03300			\$24,420	\$20,182,510	\$20,185,713	\$0	\$20,185,713	-\$3,203
51	225	SGS-UMTO Off peak	13,783	N/A	N/A	\$0.06768			\$933					
			25,281	N/A	N/A	\$0.00588			\$149					
52	231, 233, 261	SGS SEC	607,823,783	N/A	N/A	\$0.03300			\$20,058,185					
53	234	SGS PRI	2,994,843	N/A	N/A	\$0.03300			\$98,823					
54	215	MGS SEC	360,870,723	2,011,288	1,302	\$0.02755	\$1.98	\$0.79	\$13,945,490	GS/MGS	GS/MGS	GS/MGS		
55	217	MGS PRI	33,803,143	206,957	511	\$0.02616	\$1.92	\$0.78	\$1,292,037					
56	227	GS-TOD Ph - On peak	0	N/A	N/A	\$0.06601			\$0					
57		- Off peak	0	N/A	N/A	\$0.05853			\$0					
58	229	GS-TOD SEC - On peak	13,428,537	N/A	N/A	\$0.06953			\$933,386					
59		- Off peak	20,288,063	N/A	N/A	\$0.06614			\$124,434					
60	337	LGS-TOD SEC - On peak	10,152,690	103,831		\$0.06953			\$705,910					
61		- Off peak	14,836,534	N/A	N/A	\$0.06614			\$61,096					
62	339	LGS-TOD PH - On peak	0	0		\$0.06601			\$0					
63		- Off peak	0	0		\$0.05853			\$0					
64	236	MGS SUB	2,629,272	13,392	0	\$0.02806	\$1.91	\$0.76	\$94,098					
65	239	MGS TRAN	881,000	6,320	0	\$0.02561	\$1.88	\$0.75	\$37,692					
66	261	GS SEC, Block 1	1,317,348,714	5,003,068	9,002	\$0.02755	\$1.99	\$0.79	\$46,256,208					
67		Block 2	614,241,002			\$0.00870			\$5,343,897					
68	263	GS PRI, Block 1	130,613,881	494,860	1,387	\$0.02818	\$1.02	\$0.76	\$4,368,044					
69		Block 2	63,343,267			\$0.00826			\$698,415					
70	265	GS SUB, Block 1	5,887,543	22,159	164	\$0.02806	\$1.91	\$0.76	\$195,877					
71		Block 2	3,756,577			\$0.00823			\$30,917					
72	267	GS TRAN, Block 1	0	N/A	N/A	\$0.02581	\$1.88	\$0.75	\$0	\$74,067,787	\$74,100,805	\$0	\$74,100,805	-\$3,017
73		Block 2	0	N/A	N/A	\$0.00809			\$0					
74	222	SWS	29,869,230	N/A	N/A	\$0.04822			\$1,440,294	\$1,440,294	\$1,440,294	\$0	\$1,440,294	-\$240,681
75	302	LPSSEC	208,425,090	428,837	1,384	\$0.00002	\$12.01	\$1.15	\$5,129,648	\$82,058,774	\$82,058,755	\$0	\$82,058,755	-\$982
76	306	LPS PRI	1,852,053,704	3,588,158	35,052	\$0.00002	\$11.81	\$1.11	\$41,736,481					
77	308, 309	LPS/TOD SUB	1,350,659,035	2,310,907	87,783	\$0.00002	\$11.55	\$1.11	\$28,815,420					
78	310	LPS TRANS	411,776,199	734,345	17,885	\$0.00002	\$11.37	\$1.09	\$8,377,237					
79	378, 380	LGS SEC	0	0	0	\$0.00000	\$0.00	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0
80	379, 381	LGS PRI	0	0	0	\$0.00000	\$0.00	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0
81	382	LGS SUB	0	0	0	\$0.00000	\$0.00	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0
82	386	LGS TRAN	0	0	0	\$0.00000	\$0.00	\$0.00	\$0	\$0	\$0	\$0	\$0	\$0
83		Total of Line (1-82)	13,351,988,790	14,923,942	154,308				\$413,245,686	\$413,245,686	\$413,245,686	\$0	\$413,245,686	-\$179

Total Target Revenue 413,245,686
Over / (Under) = (179)

Standard

Appalachian Power Company

Summary of Demand and Energy Rates

	Differentiated Rates	Energy T-RAC per kWh	Demand T-RAC per kW	T-RAC Per Off-Peak Excess kW
Residential (011,012,013,014,015,019,020,051,054)		0.03859		
Residential - TOD or TOU (030,031,032,037)	On-Peak	0.08781		
	Off-Peak	0.00637		
SWS (22)		0.04522		
SOS - 031,233,234,231,231)		0.03301		
SOS - LWTOD (138,236)	On-Peak	0.06765		
	Off-Peak	0.00583		
MGS - Secondary (213)		0.02755	\$1.99	\$0.79
GS-TOD Secondary (22N,130)	On-Peak	0.06953		
	Off-Peak	0.00614		
MGS - Primary (117)		0.02616	\$1.92	\$0.76
GS-TOD Primary (327)	On-Peak	0.06461		
	Off-Peak	0.00583		
MGS - Subtransmission (136)		0.02606	\$1.91	\$0.76
MGS - Transmission (219)		0.02561	\$1.88	\$0.75
GS-Secondary (241)	Block 1	0.02755		
	Block 2	0.00670		
GS-Primary (263)	Block 1	0.02616		
	Block 2	0.00624		
GS-Subtransmission (265)	Block 1	0.02606		
	Block 2	0.00613		
GS-Transmission (267)	Block 1	0.02561		
	Block 2	0.00609		
LGS - TOD Secondary (337)	On-Peak	0.06953		
	Off-Peak	0.00614		
LGS - TOD Primary (339)	On-Peak	0.06691		
	Off-Peak	0.00583		
LPS - Secondary (302)		0.00002	\$12.01	\$1.15
LPS - Primary (306)		0.00002	\$11.61	\$1.11
LPS - Subtransmission (304) (309)		0.00012	\$11.55	\$1.11
LPS - Transmission (310)		0.00002	\$11.37	\$1.09
OL (60) to (143)		0.00027		

FRR-OAD

Appalachian Power Company

Summary of Demand and Energy Rates

	Differentiated Rates	Energy T-RAC per kWh	Demand T-RAC per kW	T-RAC Per Off- Peak Excess kW
SOS - (231)F,233F,234F,213F,281F)		0.03300		
MGS - Secondary (213F)		0.02755	\$1.99	\$0.79
MGS - Primary (217F)		0.02616	\$1.92	\$0.76
MGS - Subtransmission (236F)		0.02606	\$1.91	\$0.76
MGS - Transmission (239F)		0.02561	\$1.88	\$0.75
GS-Secondary (261F)	Block 1	0.02755		
	Block 2	0.00670		
GS-Primary (241F)	Block 1	0.02616		
	Block 2	0.00624		
GS-Subtransmission (265F)	Block 1	0.02606		
	Block 2	0.00613		
GS-Transmission (267F)	Block 1	0.02561		
	Block 2	0.00609		
LPS - Secondary (302F)		0.00002	\$12.01	\$1.15
LPS - Primary (306F)		0.00002	\$11.61	\$1.11
LPS - Subtransmission (304F) (309F)		0.00002	\$11.55	\$1.11
LPS - Transmission (310F)		0.00002	\$11.37	\$1.09

APPALACHIAN POWER COMPANY - VIRGINIA
TRANSMISSION RATE ADJUSTMENT CLAUSE (T-RAC)
Case No. PUR-2023-00061
Rate Design Billing Determinants

Line No.	Tariff Code	Tariff Description	(A) Billing Determinants 2023 Triennial Filing		(C)		(D)	(E)	(F) = (A) * (D)	(G) = (B) * (E)	(H) = (C) * (E)
			Growth & Weather Adjusted Loss OAD			Loss Factor		Units @ Secondary Voltage Level			
			Energy	Demand	Excess Off-Peak	Energy	Demand	Energy	Demand	Excess Off-Peak	
1	11, 12, 13, 14 RS-LMWH		19,286,220	N/A	N/A	1.0000	1.0000	19,286,220	0	0	
2	15 RS		6,060,418,995	N/A	N/A	1.0000	1.0000	6,060,418,995	0	0	
3	20 RS EMP		20,549,170	N/A	N/A	1.0000	1.0000	20,549,170	0	0	
4	30 RS-TOD		2,674,448	N/A	N/A	1.0000	1.0000	2,674,448	0	0	
5	51 RS-LMWH		108,381	N/A	N/A	1.0000	1.0000	108,381	0	0	
6	093 8500 L, 175 W		14,846,283	N/A	N/A	1.0000	1.0000	14,846,283	0	0	
7	094 8500 L, 100 W		12,926,410	N/A	N/A	1.0000	1.0000	12,926,410	0	0	
8	095 23000 L, 400 W		3,091,572	N/A	N/A	1.0000	1.0000	3,091,572	0	0	
9	096 13000 L, 250 W		15,754	N/A	N/A	1.0000	1.0000	15,754	0	0	
10	097 22000 L, 200 W		4,382,182	N/A	N/A	1.0000	1.0000	4,382,182	0	0	
11	098 50000 L, 400 W		8,757,488	N/A	N/A	1.0000	1.0000	8,757,488	0	0	
12	099 8500 L, 175 W		1,249,309	N/A	N/A	1.0000	1.0000	1,249,309	0	0	
13	102 36000 Lumen, 400 W Flood		10,623,447	N/A	N/A	1.0000	1.0000	10,623,447	0	0	
14	103 28500 L, 250 W SB		1,288,189	N/A	N/A	1.0000	1.0000	1,288,189	0	0	
15	104 50000 Lumen, 400 W		572,855	N/A	N/A	1.0000	1.0000	572,855	0	0	
16	105 36000 Lumen, 400 W		1,716,682	N/A	N/A	1.0000	1.0000	1,716,682	0	0	
17	108 6300 L, 70 W		30,884	N/A	N/A	1.0000	1.0000	30,884	0	0	
18	109 50000 L, 400 W Flood		3,282,697	N/A	N/A	1.0000	1.0000	3,282,697	0	0	
19	111 9500 L, 100 W		1,283,054	N/A	N/A	1.0000	1.0000	1,283,054	0	0	
20	113 28500 PTSV, 250 W		467,794	N/A	N/A	1.0000	1.0000	467,794	0	0	
21	117 8500 MONG		3,650	N/A	N/A	1.0000	1.0000	3,650	0	0	
22	118 22000 MON		29,090	N/A	N/A	1.0000	1.0000	29,090	0	0	
23	119 50000 MON		71,940	N/A	N/A	1.0000	1.0000	71,940	0	0	
24	124 50000 Lumen, 400 W Flood		570,256	N/A	N/A	1.0000	1.0000	570,256	0	0	
25	126 36000 Lumen, 400 W Flood		819,969	N/A	N/A	1.0000	1.0000	819,969	0	0	
26	127 28500 L, 250 W Flood		425,110	N/A	N/A	1.0000	1.0000	425,110	0	0	
27	131 110000 Lumen, 1000 W Flood		2,744,519	N/A	N/A	1.0000	1.0000	2,744,519	0	0	
28	132 110000 Lumen, 1000 W Flood		154,872	N/A	N/A	1.0000	1.0000	154,872	0	0	
29	134 13000 Lumen, 175 W Flood		31,711	N/A	N/A	1.0000	1.0000	31,711	0	0	
30	135 13000 Lumen, 175 W Flood		6,154	N/A	N/A	1.0000	1.0000	6,154	0	0	
31	136 13000 Lumen, 150 W Flood		555,422	N/A	N/A	1.0000	1.0000	555,422	0	0	
32	137 13000 Lumen, 150 W Flood		216,727	N/A	N/A	1.0000	1.0000	216,727	0	0	
33	141 8500 MON		2,904	N/A	N/A	1.0000	1.0000	2,904	0	0	
34	142 22000 MON		33,768	N/A	N/A	1.0000	1.0000	33,768	0	0	
35	143 50000 MON		4,000	N/A	N/A	1.0000	1.0000	4,000	0	0	
36	150 55W LEDOH		336,882	N/A	N/A	1.0000	1.0000	336,882	0	0	
37	151 55W LEDUG		6,475	N/A	N/A	1.0000	1.0000	6,475	0	0	
38	152 100W LEDOH		232,736	N/A	N/A	1.0000	1.0000	232,736	0	0	
39	153 100W LEDUG		87,324	N/A	N/A	1.0000	1.0000	87,324	0	0	
40	154 75W LEDOH		421,387	N/A	N/A	1.0000	1.0000	421,387	0	0	
41	155 175W LEDUG		297,659	N/A	N/A	1.0000	1.0000	297,659	0	0	
42	158 300W LEDOH		115,891	N/A	N/A	1.0000	1.0000	115,891	0	0	
43	157 300W LEDUG		31,199	N/A	N/A	1.0000	1.0000	31,199	0	0	
44	158 65W LPTUG		38,984	N/A	N/A	1.0000	1.0000	38,984	0	0	
45	159 175W LFLQH		345,482	N/A	N/A	1.0000	1.0000	345,482	0	0	
46	160 175W LFLUG		4,314	N/A	N/A	1.0000	1.0000	4,314	0	0	
47	161 265W LFLQH		216,482	N/A	N/A	1.0000	1.0000	216,482	0	0	
48	162 265W LFLUG		6,611	N/A	N/A	1.0000	1.0000	6,611	0	0	
49	213 SGS UMTRD		740,004	N/A	N/A	1.0000	1.0000	740,004	0	0	
50	215 MGS SEC		360,870,723	2,011,288	1,302	1.0000	1.0000	360,870,723	2,011,288	1,302	
51	217 MGS PRI		33,803,143	206,857	511	0.9494	0.9662	32,092,280	199,857	494	
52	222 SWS		29,869,230	N/A	N/A	1.0000	1.0000	29,869,230	0	0	
53	225 SGS-LMTOD		39,044	N/A	N/A	1.0000	1.0000	39,044	0	0	
54	227 GS-TOD PRI		0	N/A	N/A	0.9494	0.9662	0	0	0	
55	229 GS-TOD SEC		33,694,600	N/A	N/A	1.0000	1.0000	33,694,600	0	0	
56	337 LGS-TOD SEC		24,899,123	103,831	N/A	1.0000	1.0000	24,899,123	103,831	0	
57	339 LGS-TOD PRI		0	-	N/A	0.9494	0.9662	0	0	0	
58	231, 233, 281 SGS SEC		607,823,783	N/A	N/A	1.0000	1.0000	607,823,783	0	0	
59	234 SGS PRI		2,894,643	N/A	N/A	0.9494	0.9662	2,843,076	0	0	
60	236 MGS SUB		2,629,272	13,392	0	0.9459	0.9614	2,486,834	12,875	0	
61	239 MGS TRAN		881,000	8,320	0	0.9295	0.9463	800,284	7,873	0	
62	261 GS SEC		1,931,587,716	5,003,088	9,062	1.0000	1.0000	1,931,587,716	5,003,088	9,062	
63	263 GS PRI		213,957,148	494,860	1,387	0.9494	0.9662	203,128,234	478,121	1,340	
64	265 GS SUB		9,644,120	22,159	164	0.9458	0.9614	9,122,028	21,304	157	
65	267 GS TRAN										
66	302 LPSTODSEC		208,425,090	426,637	1,364	1.0000	1.0000	208,425,090	426,637	1,364	
67	306 LPS-PRI		1,952,053,704	3,588,158	35,052	0.9494	0.9662	1,853,255,314	3,486,790	33,868	
68	308, 309 LPS/ATOD SUB		1,350,859,055	2,310,907	87,783	0.9459	0.9614	1,277,729,298	2,221,740	84,395	
69	310 LPS TRANS		411,778,198	734,345	17,885	0.9295	0.9463	382,740,527	694,909	16,924	
70	378, 380 LGS SEC		0	-	0	1.0000	1.0000	0	0	0	
71	379, 381 LGS PRI		0	-	0	0.9494	0.9662	0	0	0	
72	382 LGS SUB		0	-	0	0.9459	0.9614	0	0	0	
55	386 LGS Trans		0			0.9295	0.9463				
56	Total KWH (Line 1 - 71)		13,351,998,789	14,823,941	154,508			13,137,816,481	14,648,413	146,905	

¹ Loss factor per 2023 Triennial Filing

-1 Check (SB 0)

APPALACHIAN POWER COMPANY - VIRGINIA
 TRANSMISSION RATE ADJUSTMENT CLAUSE (T-RAC)
 Case No. PUR-2023-00061
 Rate Design Billing Determinants

APCO Exhibit No. _____
 Witness CEN
 Schedule 46
 84 Statement 6 Billing Determ
 Page 15 of 16

Line No.	Tariff Code	Tariff Description	(A)	(B)	(C)	(D)	(E)	(F) = (A) * (D)	(G) = (B) * (E)	(H) = (C) * (E)	
			Billing Determinants 2023 Triennial Filing			Loss Factor		Units @ Secondary Voltage Level			
			Energy	Demand	Excess Off - Peak	Energy	Demand	Energy	Demand	Excess Off - Peak	
<u>General Service</u>											
Test Year Data											
<u>GS Units at Secondary</u>											
<u>GS Block 1 Stand Alone</u>											
GS-Secondary		1,317,346,714				1.0000		1,317,346,714			
GS-Primary		130,613,881				0.9494		124,003,181			
GS-Subtransmission		5,887,543				0.9459		5,568,616			
GS-Transmission		-				0.9295		0			
								1,446,918,712			
<u>GS Block 2 Stand Alone</u>											
GS-Secondary		614,241,002				1.0000		614,241,002			
GS-Primary		83,343,267				0.9494		79,125,053			
GS-Subtransmission		3,756,577				0.9459		3,553,212			
GS-Transmission		-				0.9295		0			
Total								696,919,267			

APPALACHIAN POWER COMPANY - VIRGINIA
TRANSMISSION RATE ADJUSTMENT CLAUSE (T-RAC)
Case No. PUR-2023-00061
Rate Design Billing Determinants - TOD Classes

Line No.	Tariff Code	Tariff Description	(A)	(B)	(C)	(E) = (A) * (C)	(F) = (B) * (D)	
			Billing Determinants 2023 Triennial Filing Growth & Weather Adjusted			Loss Factor ¹	Units @ Secondary Voltage Level	
			On-Peak	Off-Peak	Demand kW		On-Peak	Off-Peak
1	30	RS-TOD	955,723	1,718,726	N/A	1.00000	955,723	1,718,726
2	225	SGS-LMTOD	13,783	25,261	N/A	1.00000	13,783	25,261
3	227	GS-TOD PRI	0	0	N/A	0.94939	0	0
4	229	GS-TOD SEC	13,428,537	20,266,063	N/A	1.00000	13,428,537	20,266,063
5	337	LGS-TOD SEC	10,152,590	14,836,534	103,831	1.00000	10,152,590	14,836,534
6	339	LGS-TOD PRI	0	0	0	0.94939	0	0
7	Total KWH (Line 1 - 6)		<u>24,550,633</u>	<u>36,846,584</u>			<u>24,550,633</u>	<u>36,846,584</u>

Notes

¹ Loss factor per 2023 Triennial Filing

Docket or case number and Federal Energy Regulatory Commission ruling approving the wholesale transmission formula, rate, or cost for which the applicant is seeking recovery approval.

Docket Regional Transmission Expansion Plan	Order Date	Originally Provided in Case:	Link to FERC Ruling
ER20-1767	10/16/2020	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=1484570&accession_number=20201016-er20-2752-000.pdf
ER20-1913	8/17/2020	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20200817-er20-1913-000.pdf
ER20-1983	8/17/2020	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20200817-er20-1983-000.pdf
ER20-1258	5/19/2020	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20200519-er20-2076.pdf
ER20-738	3/16/2020	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20200316-er20-738-000.pdf
ER19-2708	2/11/2020	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20200211-er19-2708-001.pdf
ER19-1237	1/27/2020	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20200127-er19-1237-000.pdf
ER19-708	11/25/2019	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20191125-er19-708-000.pdf
ER19-1301	6/11/2019	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20190611-er19-1301-000.pdf
ER19-772	3/12/2019	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20190312-er19-772-000.pdf
ER19-276	1/22/2019	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20190122-er19-276-000.pdf
ER18-2350	11/27/2018	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20181127-er18-2350-000-order.pdf
ER18-1578	8/7/2018	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20180807-er18-1578-000-order.pdf
ER18-1311	5/2/2018	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20180502-er18-1311-000.pdf
ER18-313	1/30/2018	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20180130-er18-313-000.pdf
ER18-1454	1/16/2017	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20170116-er18-1454-000-order.pdf
ER17-1420	10/27/2016	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20161027-er17-1420-000-order.pdf
ER17-1236	6/1/2017	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20170601-er17-1236-000-order.pdf
ER17-1016	4/26/2017	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20170426-er17-1016-000-order.pdf
ER15-758	2/4/2016	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20150204-er15-758-000.pdf
ER15-596	3/7/2015	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20150307-er15-596-000.pdf
ER14-972	4/9/2014	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20140409-er14-972-000.pdf
ER14-1485	11/24/2013	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20131124-er14-1485-000.pdf
ER14-274	1/15/2014	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20130115-er14-274-001.pdf
ER14-697	10/1/2014	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20131001-er14-697-001.pdf
ER14-1178	7/18/2013	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20130718-er14-1178-001.pdf
EL05-121	3/2/2013	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20130302-er14-121-001.pdf
ER14-102	1/19/2019	PUC-2021-00018	https://elibrary.ferc.gov/elibrary/file/11/document_id=20190119-er14-102-000.pdf
ER13-103	3/7/2013	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20130307-er13-103-001.pdf
ER13-673	2/1/2013	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20130201-er13-673-001.pdf
ER13-397	1/5/2013	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20130105-er13-397-001.pdf
ER13-590	1/1/2013	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20130101-er13-590-001.pdf
ER12-1178	11/29/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20121129-er12-1178-001.pdf
ER12-2440	11/7/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20121107-er12-2440-001.pdf
ER12-2671	10/3/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20121003-er12-2671-001.pdf
ER12-2288	9/7/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120907-er12-2288-001.pdf
ER12-2412	9/19/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120919-er12-2412-001.pdf
ER12-2438	9/7/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120907-er12-2438-001.pdf
ER12-1810	8/13/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120813-er12-1810-001.pdf
ER12-1700	7/30/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120730-er12-1700-001.pdf
ER12-1646	6/7/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120607-er12-1646-001.pdf
ER05-954	See ER06-456-6/21/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120606-er05-954-001.pdf
ER05-1271	See ER06-456-6/21/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120606-er05-1271-001.pdf
ER05-880	See ER06-456-6/21/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120606-er05-880-001.pdf
EL07-57	See ER06-456-6/21/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120606-er07-57-001.pdf
ER07-1186	See ER06-456-6/21/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120606-er07-1186-001.pdf
ER08-2279	See ER06-456-6/21/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120606-er08-2279-001.pdf
ER08-1065	See ER06-456-6/21/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120606-er08-1065-001.pdf
ER05-497	See ER06-456-6/21/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120606-er05-497-001.pdf
ER10-1658	See ER06-456-6/21/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120606-er10-1658-001.pdf
ER12-1551	5/17/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120517-er12-1551-001.pdf
ER12-1178	4/20/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120420-er12-1178-001.pdf
ER12-773	4/1/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120401-er12-773-001.pdf
EL05-121	3/30/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120330-er12-121-001.pdf
ER12-1130	3/1/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120301-er12-1130-001.pdf
ER12-445	2/15/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120215-er12-445-001.pdf
ER12-745	2/7/2012	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20120207-er12-745-001.pdf
ER11-4379	1/18/2011	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20110118-er11-4379-001.pdf
ER11-4367	10/20/2011	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20111020-er11-4367-001.pdf
ER11-3106	5/4/2011	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20110504-er11-3106-001.pdf
ER11-2140	4/21/2011	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20110421-er11-2140-001.pdf
ER11-2222	3/1/2011	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20110301-er11-2222-001.pdf
ER11-2578	2/7/2011	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20110207-er11-2578-001.pdf
ER10-548	5/27/2010	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20100527-er10-548-001.pdf
ER10-907	6/15/2010	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20100615-er10-907-001.pdf
ER10-549	5/21/2010	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20100521-er10-549-001.pdf
EL05-121	3/24/2010	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20100324-er10-549-001.pdf
ER05-32	3/30/2010	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20100330-er05-32-001.pdf
ER05-954	4/28/2010	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20100428-er05-954-001.pdf
ER05-1271	4/23/2009	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20090423-er05-1271-001.pdf
ER05-456	See ER05-954-4/23/2009	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20090423-er05-456-001.pdf
ER05-954	See ER05-954-4/23/2009	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20090423-er05-954-001.pdf
ER05-1271	See ER05-954-4/23/2009	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20090423-er05-1271-001.pdf
ER05-456	See ER05-954-4/23/2009	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20090423-er05-456-001.pdf
ER05-954	See ER05-954-4/23/2009	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20090423-er05-954-001.pdf
ER05-1271	See ER05-954-4/23/2009	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20090423-er05-1271-001.pdf
ER05-456	See ER05-954-4/23/2009	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20090423-er05-456-001.pdf
ER05-954	See ER05-954-4/23/2009	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20090423-er05-954-001.pdf
ER05-1271	See ER05-954-4/23/2009	PUC-2013-00111	https://elibrary.ferc.gov/elibrary/file/11/document_id=20090423-



Docket or case number and Federal Energy Regulatory Commission ruling approving the wholesale transmission formula, rate, or cost for which the applicant is seeking recovery approval.

Docket	Order Date	Originally Provided In Case:	Link to FERC Ruling
ER09-484	3/20/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11846398
ER09-427	2/13/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11635832
ER06-456	1/7/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11635835
ER06-954	See ER06-456 - 1/7/2009	PUE-2013-00111	
ER06-1271	See ER06-456 - 1/7/2009	PUE-2013-00111	
ER07-424	See ER06-456 - 1/7/2009	PUE-2013-00111	
EL07-57	See ER06-456 - 1/7/2009	PUE-2013-00111	
ER06-880	See ER06-456 - 1/7/2009	PUE-2013-00111	
ER05-6	12/19/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11883240
EL04-135	See ER05-6 - 12/19/2008	PUE-2013-00111	
EL02-111	See ER05-6 - 12/19/2008	PUE-2013-00111	
EL03-112	See ER05-6 - 12/19/2008	PUE-2013-00111	
EL07-101	See ER05-6 - 12/19/2008	PUE-2013-00111	
ER05-55	10/15/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11830672
ER06-954	See ER05-55 - 10/15/2008	PUE-2013-00111	
ER06-1271	See ER05-55 - 10/15/2008	PUE-2013-00111	
ER07-424	See ER05-55 - 10/15/2008	PUE-2013-00111	
EL07-57	See ER05-55 - 10/15/2008	PUE-2013-00111	
ER06-880	See ER05-55 - 10/15/2008	PUE-2013-00111	
ER08-178	10/7/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11823985
ER06-456	9/18/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11809476
ER06-954	See ER06-456 - 9/18/2008	PUE-2013-00111	
ER06-1271	See ER06-456 - 9/18/2008	PUE-2013-00111	
ER07-424	See ER06-456 - 9/18/2008	PUE-2013-00111	
EL07-57	See ER06-456 - 9/18/2008	PUE-2013-00111	
ER06-880	See ER06-456 - 9/18/2008	PUE-2013-00111	
EL05-121	7/17/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11752017
ER08-837	7/10/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11746184
ER07-1188	7/1/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11727707
ER06-1474	4/17/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11621523
ER06-1292	4/17/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11587763
ER06-150	2/6/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11577598
EL04-135	1/31/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11527412
EL02-111	See EL04-135-01/31/2008	PUE-2013-00111	
EL03-217	See EL04-135-01/31/2008	PUE-2013-00111	
ER05-6	See EL04-135-01/31/2008	PUE-2013-00111	
EL05-121	1/31/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11575064
EL07-101	1/31/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11575084
ER07-101	See EL07-101-1/31/2008	PUE-2013-00111	
EL04-135	See EL07-101-1/31/2008	PUE-2013-00111	
EL02-111	See EL07-101-1/31/2008	PUE-2013-00111	
EL03-217	See EL07-101-1/31/2008	PUE-2013-00111	
ER05-6	See EL07-101-1/31/2008	PUE-2013-00111	
EL05-121	1/31/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11575084
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ER14-1394	4/9/2014	PUE-2013-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11937481
ER14-174	4/23/2014	PUE-2013-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11937420
ER06-1292	1/23/2014	PUE-2013-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11522182
ER06-150	1/23/2008	PUE-2013-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11548763
EL04-135	1/31/2008	PUE-2013-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11527412
EL02-111	See EL04-135-01/31/2008	PUE-2013-00086	
EL03-217	See EL04-135-01/31/2008	PUE-2013-00086	
ER05-6	See EL04-135-01/31/2008	PUE-2013-00086	
EL05-121	1/31/2008	PUE-2013-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11575064
ER07-101	1/31/2008	PUE-2013-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11575084
ER07-101	See EL07-101-1/31/2008	PUE-2013-00086	
EL04-135	See EL07-101-1/31/2008	PUE-2013-00086	
EL02-111	See EL07-101-1/31/2008	PUE-2013-00086	
EL03-217	See EL07-101-1/31/2008	PUE-2013-00086	
ER05-6	See EL07-101-1/31/2008	PUE-2013-00086	
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ER14-1394	6/19/2015	PUE-2013-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11937481
ER14-174	6/19/2014	PUE-2013-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11937420
ER14-909	2/12/2014	PUE-2013-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11522182
ER15-819	2/10/2015	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11769153
ER15-758	2/25/2015	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11786150
ER15-596	3/2/2015	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11791202
ER14-2637	10/1/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11649899
ER14-2557	9/14/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11642391
ER14-1915	9/19/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11639820
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ER14-1485	8/31/2013	PUR-2017-00154	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421510
ER14-1485	9/11/2015	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11420694
ER15-1387	9/15/2015	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11420694
ER15-1344	2/12/2016	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11415912
ER15-1563	11/24/2015	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421510
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ER16-121	9/15/2016	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421547
ER16-121	1/31/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421547
ER16-3539	11/29/2016	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421547
ER17-381	1/25/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421547
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ER17-725	4/14/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421547
ER17-950	4/25/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421547
ER17-1016	4/26/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421547
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ER17-718	10/3/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421547
ER17-721	10/3/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421547
ER17-729	10/3/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421547
ER17-1420	10/5/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421547
ER17-905	10/6/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421547
ER17-7362	11/16/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421547
ER11-841	3/11/2021	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421547
ER21-2774	11/22/2021	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?ID=11421547
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Docket or case number and Federal Energy Regulatory Commission ruling approving the wholesale transmission formula, rate, or cost for which the applicant is seeking recovery approval.

Docket	Order Date	Originally Provided In Case:	Link to FERC Ruling
ER11-1801	3/31/2011	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=1269386
ER10-710	12/20/2010	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=12514316
Attachment H-1: Atlantic City Electric Co.			
ER05-515	8/31/2012		https://elibrary.ferc.gov/elibrary/filelist?accession_number=20210311-3073&optimized=false
ER12-211	8/31/2020		https://elibrary.ferc.gov/elibrary/filelist?accession_number=20211116-3052
ER21-9965	12/16/2021	PUR-2022-CC014	https://elibrary.ferc.gov/dms/common/openas.asp?fileID=12931937
ER19-18	4/26/2019	PUR-2021-00018	https://elibrary.ferc.gov/dms/common/openas.asp?fileID=11715853
ER00-1187	5/5/2020	PUR-2021-00018	https://elibrary.ferc.gov/dms/common/openas.asp?fileID=13372888
ER05-515	10/17/2013	PUE-2013-00111	https://elibrary.ferc.gov/dms/common/openas.asp?fileID=11465507
ER07-913	7/31/2007	PUE-2013-00111	https://elibrary.ferc.gov/dms/common/openas.asp?fileID=11359934
ER08-1423	1/8/2009	PUE-2013-00111	
Attachment H-2: Baltimore Gas & Electric Co.			
ER05-515	10/17/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13372888
ER12-306	5/18/2012	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=1287705
ER09-745	5/29/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=12931937
ER08-974	9/10/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=11801450
ER07-776	6/13/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=11715853
ER07-776	4/9/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=11639706
ER15-536	1/30/2015	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13758144
ER15-950	6/5/2015	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13595911
ER15-331	9/30/2015	PUE-2017-00164	https://elibrary.ferc.gov/dms/common/openas.asp?fileID=14000653
ER16-455	7/16/2016	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openas.asp?fileID=14254748
ER16-456	4/18/2016	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openas.asp?fileID=14238842
ER16-456	3/28/2015	PUR-2017-00164	https://elibrary.ferc.gov/elibrary/filelist?accession_number=c20210702-30453&optimized=false
ER12-1329	10/9/2020		https://elibrary.ferc.gov/elibrary/filelist?accession_number=20210109-30728&optimized=false
ER12-1329	12/9/2020		https://elibrary.ferc.gov/elibrary/filelist?accession_number=20210121-30728&optimized=false
ER12-1329	12/31/2020		https://elibrary.ferc.gov/elibrary/filelist?accession_number=20210730-30728&optimized=false
Attachment H-3: Delmarva Power and Light Co.			
ER05-515	10/17/2013	PUE-2019-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13372888
ER07-714	8/17/2007	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=12722466
ER08-1423	1/8/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=11999314
ER13-607	7/28/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13192820
ER09-1158	9/20/2017	PUR-2017-00164	https://www.pbn.com/directory/etarif/Percodes/S853/20100811-70-2190.pdf
ER20-2198	8/31/2020	FUR-2022-CC014	https://elibrary.ferc.gov/elibrary/filelist?accession_number=20210922-30728&optimized=false
ER12-211	8/22/2022		https://elibrary.ferc.gov/elibrary/filelist?accession_number=20210922-30728&optimized=false
ER21-2965	12/16/2021	FUR-2022-CC014	https://elibrary.ferc.gov/elibrary/filelist?accession_number=20212116-3052
ER12-1329	8/31/2022		https://elibrary.ferc.gov/elibrary/filelist?accession_number=20210831-30728&optimized=false
Attachment 7: PECO			
ER17-1515	6/27/2017	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openas.asp?fileID=14623728
	6/28/2017	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openas.asp?fileID=14624513
ER19-124	12/4/2018	FUR-2022-CC014	https://elibrary.ferc.gov/elibrary/filelist?accession_number=20210104-30728&optimized=false
ER20-1383	7/6/2020	PUR-2021-00314	https://elibrary.ferc.gov/dms/common/openas.asp?fileID=14000706-30728&optimized=false
ER21-1530	4/30/2021	FUR-2021-CC014	https://elibrary.ferc.gov/dms/common/openas.asp?fileID=140430-30578&optimized=false
ER21-211	11/2/2022		https://elibrary.ferc.gov/elibrary/filelist?accession_number=20221102-30948&optimized=false
ER21-2965-000	12/16/2021	PUR-2022-CC014	https://elibrary.ferc.gov/elibrary/filelist?accession_number=20212116-3052
ER12-1329	8/31/2021		https://elibrary.ferc.gov/elibrary/filelist?accession_number=20210831-30728&optimized=false
Attachment H-8: PPL			
ER12-1397	5/23/2012	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=12991693
ER13-1026	4/1/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=1321026
ER13-360	10/4/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=1336744
ER13-3410	11/19/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=1337245
ER13-3410	11/31/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=1337350
ER13-3409	6/10/2010	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=12884552
ER10-153	12/23/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=12988283
ER08-1457	8/11/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13131127
ER08-1457	3/10/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13195138
ER08-1457	10/29/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13165472
ER08-23	9/5/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13179711
ER08-23	4/21/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13165589
ER15-1488	5/20/2015	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13891140
ER12-22	12/5/2017	PUR-2017-00164	https://elibrary.ferc.gov/elibrary/filelist?accession_number=14721189
Attachment H-9: UGI Utilities, Inc.			
ER14-1963	5/14/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13545722
ER10-1831	2/18/2022	FUR-2022-CC014	https://elibrary.ferc.gov/elibrary/filelist?accession_number=20220102-30728&optimized=false
ER21-1931	6/29/2021	PUR-2021-00164	https://elibrary.ferc.gov/elibrary/filelist?accession_number=20210629-3037
ER12-1329	9/14/2022		https://elibrary.ferc.gov/elibrary/filelist?accession_number=20210914-30728&optimized=false
Attachment H-9: PEPCO			
ER19-18	4/26/2019	PUR-2021-00018	https://elibrary.ferc.gov/dms/common/openas.asp?fileID=13473277
ER05-515	10/17/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13372883
ER08-1423	1/8/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13369934
ER07-912	8/17/2007	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13427465
ER13-607	2/8/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=1319720
	2/8/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13473277
ER15-733	2/5/2015	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13765798
ER15-733	2/5/2015	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13765798
ER15-374	4/7/2015	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13842929
ER17-1916	8/1/2017	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openas.asp?fileID=14459233
ER21-2020	7/30/2021	FUR-2022-CC014	https://elibrary.ferc.gov/elibrary/filelist?accession_number=20220730-30728&optimized=false
ER12-1329	8/16/2022		https://elibrary.ferc.gov/elibrary/filelist?accession_number=20220816-30728&optimized=false
ER12-1329	See ER21-83-001 - 8/16/22		
ER12-1329	See ER21-83-001 - 8/16/22		
ER12-1329	12/8/2022		https://elibrary.ferc.gov/elibrary/filelist?accession_number=20221208-30728&optimized=false
Attachment H-10: Public Service Electric & Gas Co.			
ER05-1257	2/2/2016	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=12255215
ER13-2374	8/20/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=13241326
ER13-236	5/8/2012	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openas.asp?fileID=12277701

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Docket or case number and Federal Energy Regulatory Commission ruling approving the wholesale transmission formula, rate, or cost for which the applicant is seeking recovery approval.

Docket	Order Date	Originally Provided in Case:	Link to FERC Ruling
ER12-58	1/30/2011	PUR-2013-0011	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=12854335
CR11-352	9/6/2011	PUE-2013-0011	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=12755861
ER11-357-000	6/13/2011	PUE-2013-0011	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=12679371
ER11-358-001	See ER11-357-000, 6/13/2011	PUE-2013-0011	
ER11-359	2/27/2011	PUE-2013-0011	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=12558118
CR11-385	12/30/2010	PUE-2013-0011	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=12521287
ER10-159	1/20/2009	PUE-2013-0011	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=12311290
ER09-1233	9/30/2008	PUE-2013-0011	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=11819052
ER14-1605	5/17/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=13547075
	8/20/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=13618952
	5/10/2016	PUR-2015-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14744332
ER14-621	1/15/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=13438737
ER15-3397	10/2/2015	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14920450
ER16-619	2/18/2016	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14149918
ER12-81	12/2/2021	PUR-2022-00014	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=16018516

Attachment H-11: Allegheny Power

ER12-153	12/31/2020	PUR-2021-00018	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14919388
ER10-1036	3/25/2020	PUR-2021-00018	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=12875758
ER10-106	12/13/2011	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=12375784
ER10-1152	6/7/2010	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=12237317
ER10-1248	1/7/2010	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=12202105
ER09-1776	11/20/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=11878745
ER09-158	12/16/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=11452973
ER16-1514	5/27/2016	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14299773
ER16-1513	5/27/2016	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14299773
ER17-985	3/30/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14323182

Attachment H-13A: Commonwealth Edison Company

ER10-5	4/20/2020	PUR-2021-00018	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14919388
ER10-876	3/14/2019	PUR-2021-00018	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=12875758
ER14-1708	5/8/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=13556090
ER10-1152	8/14/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=13614837
ER10-1248	5/14/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=13545283
ER09-1776	3/19/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14477256
ER14-1203	5/13/2015	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=13874587
ER15-1515	3/30/2015	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=13815914
ER15-559	3/30/2015	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14053720
ER16-32	11/24/2015	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14297163
ER15-1331	7/6/2016	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14387695
ER16-369	4/1/2016	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14387695
ER16-3369	5/12/2016	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14387695
ER17-683	3/13/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14172322
ER10-379	1/8/2020	PUR-2022-00018	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14200108
ER12-1-1-2	4/19/2022		http://elibrary.ferc.gov/elibrary/filelist?accession_number=r0270419-3006&option=individ&false
ER12-1-1-3	6/30/2022		http://elibrary.ferc.gov/elibrary/filelist?accession_number=r0270630-3062&option=individ&false
ER12-1-1-4	3/21/2023		http://elibrary.ferc.gov/elibrary/filelist?accession_number=r0270312-3058&option=individ&false

Attachment H-14: AEP East

ER12-104	4/12/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=13332718
ER12-1255	5/20/2012	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=12974235
ER11-3054	5/13/2011	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=12650320
ER09-1200	2/19/2010	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=12288573
ER08-1319	3/13/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=11965079
ER14-1375	3/05/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=1491704
ER14-1408	4/29/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=13529912
ER15-1252	6/24/2015	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=13911695
ER16-646	4/15/2016	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14151802
ER17-405	3/10/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14200918-3036&option=individ&false
ER12-1-1-1	9/18/2020		http://elibrary.ferc.gov/elibrary/filelist?accession_number=r0200979-3072&option=individ&false
ER12-1-1-2	9/29/2020		http://elibrary.ferc.gov/elibrary/filelist?accession_number=r0220714-3016&option=individ&false
ER12-1-1-3	7/14/2022		http://elibrary.ferc.gov/elibrary/filelist?accession_number=r0232032-3038&option=individ&false
ER12-1-1-4	3/2/2023		http://elibrary.ferc.gov/elibrary/filelist?accession_number=r0242031-3058&option=individ&false

Attachment H-15: The Dayton Power & Light Co.

ER10-150	5/1/2010	PUR-2021-00018	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=14857141
ER15-743	9/28/2015	PUR-2021-00018	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=13977114
ER10-157	2/28/2015	FUR-2022-00014	http://elibrary.ferc.gov/dms/common/opennat.asp?fileID=13921105-3022&option=individ&false

ER12-1-1-2

3/3/2023

See ER10-1085-001, 3/21/2023

See ER10-1085-001-3/21/2023

ER12-1518

9/21/2021

FUR-2022-00014

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https://elibrary.ferc.gov/elibrary/filelist?accession_number=r0210921-er12-2151-000.pdf

3072&option=individ&false

https://elibrary.ferc.gov/elibrary/filelist?accession_number=r0210921-er12-2151-000-3058&option=individ&false

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https://elibrary.ferc.gov/elibrary/filelist?accession_number=r0210921-er12-2151-000-3072&option=individ&false

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https://elibrary.ferc.gov/elibrary/filelist?accession_number=r0210921-er12-2151-000-3058-3072&option=individ&false

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https://elibrary.ferc.gov/elibrary/filelist?accession_number=r0210921-er12-2151-000-3058-3072-3072-3072-3072-3072&option=individ&false

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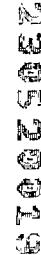
https://elibrary.ferc.gov/elibrary/filelist?accession_number=r0210921-er12-2151-000-3058-3072-3072-3072-3072-3072-3072-3072-3072-3072-3072&option=individ&false

3058-3072-3072-3072-3072-3072



Docket or case number and Federal Energy Regulatory Commission ruling approving the wholesale transmission formula, rate, or cost for which the applicant is seeking recovery approval.

Docket	Order Date	Originally Provided in Case:	Link to FERC Ruling
EL05-109	5/9/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=11678314
ER06-1549	See EL05-109 09/9/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=13506256
ER11-1258	4/7/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=13854512
ER15-1203	4/27/2015	PUE-2015-00086	https://elibrary.ferc.gov/elibrary/filelist?accession_number=70220713-3008&optimized=false
EL05-109	7/13/2012		
EL05-109 C-1	See ER20-1830-000 - 7/13/2012		
Attachment H-18: TrillCo			
ER07-562	2/2/2012	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=12887801
ER10-1243	7/7/2010	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=12381607
ER11-4574	11/17/2011	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=12870197
ER11-5064	5/13/2011	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=12669723
ER11-551	6/1/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=12566563
ER05-500	3/10/2005	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=11978113
ER05-600	3/8/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=11958984
ER05-533	7/8/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=11779568
EL05-1258 C-1	8/1/2012		
EL05-1258 C-1 C-1	See ER20-1829-000 - 3/11/2012		
EL05-1258 C-1 C-1 C-1	8/30/2012		
Attachment H-19: PATH			
ER11-2801 and ER11-3057	3/31/2011	PUR-2020-00018	https://elibrary.ferc.gov/elibrary/filelist?document_id=13905540#accession_number=10220831-3057&optimized=false
ER09-1256	6/5/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=13274765
ER11-2708	6/5/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=13274765
ER11-2708	7/1/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=13194502
ER11-2708	11/30/2012	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=13122447
ER11-1259	6/16/2012	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=13015180
ER10-1263	7/7/2010	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=12816165
ER05-1225	7/9/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=12077759
ER08-386	2/19/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=11599756
ER12-2708	1/15/2017	PUR-2017-00164	https://elibrary.ferc.gov/elibrary/filelist?accession_number=14531413&optimized=false
EL05-1258 C-1 C-1	4/27/2012		
EL05-1258 C-1 C-1 C-1	See ER20-1948-000 - 4/27/2012		
EL05-1258 C-1 C-1 C-1 C-1	11/14/2022		
H-20: AEP TransCo			
ER11-3801		PUR-2022-00014	https://www.pim.com/directory/etarif/FercOrders/2701/20210216-E21-735-00.pdf
ER11-3546	8/5/2011	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=12744651
ER11-3135	5/20/2012	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=12870015
ER10-155	4/1/2011	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=12531484
ER16-646	4/15/2016	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=14238894
ER17-406	3/10/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=14515802
ER21-735	2/16/2021	PUR-2022-00014	https://www.pim.com/directory/etarif/FercOrders/2701/20210216-E21-735-00.pdf
ER21-2708	8/13/2021	PUE-2022-00014	https://www.pim.com/directory/etarif/FercOrders/2701/20210216-E21-735-00.pdf
ER20-1719-000	7/14/2022		
ER20-1719-000 C-1	3/2/2023		
ER20-1719-000 C-1 C-1	3/30/2023		
H-21: ATSI			
EL05-1717-503	6/23/2013		
EL05-1717-503	See ER20-1739-000 - 2/16/2013		
EL05-1717-503 C-1	See ER20-1739-000 - 2/16/2013		
EL05-1717-503 C-1 C-1	2/16/2023		
ER15-303	12/31/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=13726735
ER15-61	12/5/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=13717027
ER15-303	10/29/2015	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=14031940
ER11-3815	5/31/2011	PUR-2021-00018	https://elibrary.ferc.gov/dms/common/openmt.asp?FileID=13232354
H-22: Duke Energy Ohio and Duke Energy Kentucky			
ER10-555	1/18/2019	PUR-2021-00018	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=14719765
ER12-91	4/16/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=13841937
ER12-91	5/14/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=13877167
ER15-1932	7/24/2015	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=13539862
EL05-1258 C-1	6/23/2022		
ER20-1832	1/20/2022	PUR-2022-00014	https://www.pim.com/directory/etarif/FercOrders/2701/20220304
EL05-1258 C-1 C-1	8/4/2022		
ER21-1450	5/14/2021	PUE-2022-00014	https://www.pim.com/directory/etarif/FercOrders/2701/20210514
EL05-1258 C-1 C-1	5/2/2022		
EL05-1258 C-1 C-1 C-1	1/13/2023		
EL05-1258 C-1 C-1 C-1 C-1	3/21/2023		
H-24: East Kentucky Power Cooperative, Inc.			
ER13-1177	5/21/2013	PUR-2021-00018	20130522-e13-1177-000.pdf(pcm.com)
ER13-1177	8/5/2022		
H-26: Transource West Virginia			
ER15-2114	9/4/2015	PUE-2017-00164	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=13729917
ER15-2114	3/7/2017	PUE-2017-00164	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=14531107
ER15-2114 C-1	3/17/2023		
H-28: Mid-Atlantic Interstate Transmission, LLC.			
ER17-214	1/16/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=14473713
ER17-216	1/16/2017	PUR-2017-00164	http://elibrary.ferc.gov/dms/common/openmt.asp?FileID=14473713
EL05-1258 C-1	2/16/2023		
EL05-1258 C-1 C-1	See ER20-1951-000 - 2/16/2023		
EL05-1258 C-1 C-1 C-1	See ER20-1951-000 - 2/16/2023		
H-29: Transource Pennsylvania			
ER17-419	1/31/2017	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openmt.asp?FileID=14475294
EL05-1258 C-1	3/17/2023		
H-30: Transource Maryland			
ER17-419	1/31/2017	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openmt.asp?FileID=14479294
ER17-419	3/16/2023		
H-31: Ohio Valley Electric Corporation			
ER18-459	2/13/2018	PUR-2021-00018	20181024-er18-459-003.pdf(pcm.com)
H-32: AMPT			



Docket or case number and Federal Energy Regulatory Commission ruling approving the wholesale transmission formula, rate, or cost for which the applicant is seeking recovery approval.

Docket	Order Date	Originally Provided in Case:	Link to FERC Ruling
ER19-163	3/26/2019	PUR-2013-00018	20190226-ER19-263-000_ER19-163-001.html#itm.com https://elibrary.ferc.gov/itm/com/itms/itm?fileID=101010790-2018&itm_imrefid=8
ER20-1942	10/30/2020	FLUR-2122-00014	https://elibrary.ferc.gov/itm/com/itms/itm?fileID=20211230-20118&itm_imrefid=8
ER11-211	12/30/2022		
Schedule 9/Other			
ER11-174	9/28/2011	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=12774772
ER11-775	12/16/2009	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=1222094
ER09-366	1/21/2009	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=11908570
ER09-148	1/21/2008	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=11907384
ER09-358	3/11/2011	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=12015236
ER11-1761	7/9/2012	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=12978499
ER11-1095	5/9/2012	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=12629514
ER11-1968	4/7/2011	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=12394177
ER10-893	7/11/2010	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=12261365
ER10-478	2/4/2010	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=11154638
ER07-19	11/30/2006	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=11158029
ER16-561	7/29/2016	PUR-2017-00164	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=14447651
ER16-561	12/21/2016	PUR-2017-00164	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=14449910
ER17-249	12/22/2016	PUR-2017-00164	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=14450320
ER18-905	8/30/2018	PUR-2022-0C014	https://elibrary.ferc.gov/elibrary/itm?fileID=10578&itm_imrefid=8
ER21-274	12/16/2020	PUR-2022-0C014	https://elibrary.ferc.gov/elibrary/itm?fileID=10518&itm_imrefid=8
ER22-36	12/1/2021	PUR-2022-0C014	https://elibrary.ferc.gov/elibrary/itm?fileID=10514&itm_imrefid=8
ER12-17-C22	11/9/2022	See ER12-16-0000 - 11/8/22	https://elibrary.ferc.gov/elibrary/itm?fileID=10574&itm_imrefid=8
ER12-20-C22	2/9/2023		https://elibrary.ferc.gov/elibrary/itm?fileID=10533&itm_imrefid=8
Section 34			
ER02-121	3/12/2003	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=9456402
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ER13-198-000	3/23/2013	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=13713568
	6/27/2015	PUE-2013-00086	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=13799250
	1/23/2015	PUE-2015-00086	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=13747002
	11/19/2014	PUE-2015-00086	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=13658925
	5/15/2014	PUE-2015-00086	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=13474703
ER13-195-000	See ER13-198-000 - 3/22/2013	PUE-2013-00111	
ER13-90-000	See ER13-198-000 - 3/22/2013	PUE-2013-00111	
ER13-194-3	12/18/2014	PUE-2015-00086	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=13715484
	10/28/2016	PUR-2017-00164	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=14386174
ER13-1941	9/21/2015	PUR-2017-00164	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=13748203
ER13-1936	1/23/2015	PUE-2015-00086	https://elibrary.ferc.gov/dmws/common/opennat.asp?fileID=13748244
Other Billing Information:			
PIM Billing Guide			
OATT Formula Rates			
https://www.pim.com/markets-and-operations/billing-settlements-and-credit/policy-to-billing.aspx			
https://www.pim.com/markets-and-operations/billing-settlements-and-credit/formula-rates			