

**Virginia State Corporation Commission
eFiling CASE Document Cover Sheet**

230520013

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)
Total Number of Pages	74
Submission ID	27491
eFiling Date Stamp	5/4/2023 4:20:15PM

SCHEDULE 46

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
20VACS-204-60 Schedule 3	Schedule 3 - Capital Structure and Cost of Capital Statement - Per Books and Average	CEN	Schedule 3	
20VACS-204-60 Schedule 4	Schedule 4 - Schedules of Long-Term Debt, Preferred and Preference Stock, Job Development Credits, and Any Other Component of Rate-making Capital	CEN	Schedule 4	
20VACS-204-60 Schedule 5	Schedule 5 - Schedule of Short-Term Debt, Revolving Credit Agreements, and similar Short-Term Financing Arrangements	CEN	Schedule 5	
20VACS-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
20VACS-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
		CEN	1 - Forecast	1	Cost of Service Summary
		CEN/MMH		2	Cost of Service Itemization/VA Jurisdictional Allocation Factors
		MMH		3	Derivation of PJM Charges
		MMH		4	Regional Transmission Enhancement Project Charges
		MMH		5	Derivation of PJM Administrative Charges
		CEN/MMH		6	Update Calculation
		CEN/MMH		7	Projected T-RAC Costs
20VACS-204-90 Schedule 46 a 2	Provide transaction-level details to facilitate the sampling and audit of such actual costs electronically to the Division to 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
20VACS-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
20VACS-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
20VACS-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	

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. <u>Appalachian Power Company</u>		
<u>Capital Structure For</u>		
<u>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. <u>Appalachian Power Company</u>		
<u>Capital Structure Weights</u>		
<u>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. <u>Appalachian Power Company</u>		
<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. <u>Appalachian Power Company</u>		
<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 SOC QUARTERLY REVIEW
EFFECTIVE COST OF LONG-TERM DEBT
ACTUAL AS OF DECEMBER 31, 2022

DISCOUNT IS - EXP IS +																		LOSS IS -		GAIN (LOSS)				
SPRIS	ISSUE DATE	DUE DATE	AVERAGE TERM IN YEARS	PRINCIPAL AMOUNT ISSUED	PREMIUM OR (DISCOUNT) AT ISSUANCE	COMPANY ISSUANCE EXPENSE	NET BALANCE UNAMORTIZED DISCOUNTS	NET BALANCE UNAMORTIZED ISSUANCE EXPENSE	NET BALANCE UNAMORTIZED LOSS ON REACQUIRED DEBT	NET BALANCE UNAMORTIZED HEDGE EXPENSES	NET PROCEEDS AT ISSUANCE	NET PROCEEDS RATIO	EFFECTIVE COST RATE	FACE AMOUNT CURRENTLY OUTSTANDING	NET PROCEEDS OUTSTANDING 12/31/2022	ANNUALIZED COST	WEIGHTED COST RATE							
Senior Notes																								
3.400%	5/18/2018	6/1/2025	10.23	300,000,000	(1,065,000)	2,312,763	(748,500)	539,764	-	-	(a)	296,822,767	96.87	3,534	300,000,000	299,212,208	10,574,497							
4.400%	5/8/2014	8/1/2044	20.00	300,000,000	(2,062,000)	2,673,178	(1,480,553)	2,112,631	-	-	(b)	294,944,822	89.31	4,303	300,000,000	296,406,517	13,346,754							
4.450%	5/18/2013	6/1/2043	30.02	350,000,000	(7,330,500)	97,872,163	(1,883,825)	2,693,071	70,268,919	-	(c)	249,587,337	71.31	6,674	350,000,000	275,256,166	18,370,341							
5.800%	6/29/2005	10/1/2035	29.98	250,000,000	(1,900,000)	(411,465)	(602,208)	956,034	-	-	(d)	248,311,465	98.40	5,842	250,000,000	248,211,757	14,501,196							
5.950%	5/8/2003	5/1/2033	30.01	200,000,000	(422,000)	8,730,936	(145,360)	634,410	-	(d)(3,070)	199,847,002	95.42	6,291	200,000,000	199,896,481	12,362,219								
6.375%	4/10/2006	4/1/2036	29.90	250,000,000	(757,500)	(3,559,871)	(334,564)	1,001,302	-	(f)	232,802,071	101.12	6,291	250,000,000	251,237,263	15,803,991								
6.700%	6/17/2007	8/1/2037	28.98	250,000,000	(82,500)	2,348,344	(30,363)	1,141,407	-	(g)	247,889,156	99.64	6,778	250,000,000	248,828,231	16,836,442								
7.000%	3/7/2008	4/1/2038	30.00	800,000,000	(9,360,000)	9,217,116	(1,666,316)	2,248,144	-	(h)	487,482,824	97.49	7,205	800,000,000	493,006,604	39,568,007								
3.300%	5/11/2017	6/1/2027	10.08	325,000,000	(1,067,500)	2,648,000	(726,018)	1,150,930	-	(i)	370,664,440	96.68	3,457	325,000,000	323,114,042	11,180,818								
4.800%	3/6/2019	3/1/2049	29.87	400,000,000	(2,738,000)	4,156,436	(2,388,400)	3,633,323	-	(j)	393,106,564	96.28	4,607	400,000,000	393,940,277	18,148,852								
5.700%	8/14/2020	8/1/2050	29.94	800,000,000	(2,985,000)	5,106,634	(2,622,333)	4,654,424	-	(k)	491,938,308	98.39	5,790	800,000,000	422,053,032	18,673,638								
2.700%	3/11/2021	4/1/2031	10.06	800,000,000	(2,793,000)	(6,433,487)	(1,799,117)	3,406,031	-	(l)	604,236,487	100.85	2,904	800,000,000	503,471,865	13,100,003								
4.500%	8/1/2022	8/1/2032	9.99	500,000,000	-	4,186,337	(1,260,706)	4,021,178	-	(m)	484,496,663	96.90	4,639	500,000,000	494,716,813	22,048,813								
				4,623,000,000							4,473,644,534			4,629,000,000	4,517,735,084	221,458,662								
Term Loan																								
6.810%	5/26/2022	3/28/2023	3.00	125,000,000	-	516,064	-	400,818	-	(n)	124,484,996	99.59	3,770	125,000,000	124,589,182	7,238,473								
4.537%	7/22/2022	8/23/2023	1.08	100,000,000	-	15,171	-	8,662	-	(o)	99,964,829	99.96	4,846	100,000,000	99,991,118	4,847,728								
				225,000,000							224,449,825			225,000,000	224,580,300	12,086,201								
State Leaseback of Property																								
13.67%	6/7/1996	6/6/2026	29.98	2,589,040	-	-	-	-	-	-	2,589,040	100.00	13.670	1,813,015	1,813,015	247,636								
				2,589,040							2,589,040			1,813,015	1,813,015	247,636								
Installment Purchase Contracts																								
3.880%	1/13/2018	2/1/2038	20.05	75,000,000	-	746,036	-	239,504	197,061	-	(p)	74,263,064	99.01	3,932	75,000,000	74,563,435	2,848,879							
3.900%	3/1/2018	2/1/2038	19.80	50,275,000	-	671,091	-	180,367	148,478	-	(q)	49,703,909	98.88	3,963	50,275,000	49,938,196	1,869,086							
6.600%	12/23/2020	12/15/2025	4.98	60,000,000	-	718,157	-	226,493	238,029	-	(r)	49,281,843	98.56	6,921	50,000,000	49,533,478	456,156							
1.000%	8/1/2020	8/1/2025	5.00	65,350,000	-	427,820	-	229,016	-	-	(s)	64,822,380	99.25	1,133	65,350,000	65,120,984	738,117							
3.550%	4/1/2019	4/1/2024	5.00	86,000,000	-	555,367	-	140,536	-	-	(t)	85,444,033	98.35	2,669	86,000,000	85,860,402	2,308,672							
3.750%	6/1/2022	6/1/2025	3.00	54,375,000	-	680,715	-	277,116	221,665	-	(u)	53,694,283	98.75	4,198	54,375,000	53,676,217	2,281,086							
3.750%	6/1/2022	6/1/2025	3.00	80,000,000	-	642,333	-	263,198	200,151	-	(v)	49,257,667	96.72	4,210	80,000,000	49,527,650	2,083,273							
				431,000,000							426,658,660			431,000,000	428,472,779	12,767,150								
Outstanding Balance & Amortization of Costs Associated with Unleveraged Debt Redemptions																		(w)						
TOTAL LONG-TERM DEBT																								
											5,126,633,099			5,282,813,015	5,171,729,947	248,862,269	4.774							

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

Month	Money Pool Total Dollar Days	Average Balance	Interest (No line of credit fees)
January - 22	\$ 5,621,977,851	\$ 181,354,124	\$ 74,935
February	2,662,035,659	95,072,702	38,832
March	2,029,368,681	65,463,506	44,662
April	2,506,528,738	83,550,958	72,422
May	5,119,790,363	165,154,528	171,113
June	8,975,907,077	299,196,903	407,338
July	11,435,806,433	368,896,982	674,293
August	-	-	-
September	-	-	-
October	2,563,632,858	82,697,834	265,863
November	5,444,421,752	181,480,725	677,721
December - 22	8,383,319,551	270,429,663	1,139,153
Total	<u>\$ 54,742,788,962</u>	<u>\$ 1,793,297,924</u>	<u>\$ 3,566,331</u>

Average Daily Balance \$ 149,980,244

20221231

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

2022-12-31

	Amount Outstanding	Percent %	Cost Rate %	Weighted Return Component %
Long-term Debt	\$ 5,171,720,547	50.234%	4.774	2.398
Short-term Debt	\$ 149,980,244	1.457%	4.430 (b)	0.065
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	\$ 10,295,271,054	100.00%		
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	4,973,570,263	49.023%	9.200	4.510
Total	10,145,290,810	100.00%		
Overall Cost of Capital				6.944

(d) Weighted Debt Cost for Interest Synchronization:

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

230520019

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

Line No.	Line Item	Amount	Item Location
1	Network Integration Transmission Service Charges	\$ 356,219,660	Schedule 46, Section 1 Statement 2, Page 1 of 1; Col. (E); Line 1
2	Firm and Non-Firm Point to Point Transmission Credits	\$ (4,566,365)	Schedule 46, Section 1 Statement 2, Page 1 of 1; Col. (E); Line 2
3	Ancillary Service Schedule 1A Charges	\$ 441,823	Schedule 46, Section 1 Statement 2, Page 1 of 1; Col. (E); Line 3
4	PJM Transmission Enhancement Charges	\$ 22,727,878	Schedule 46, Section 1 Statement 2, Page 1 of 1; Col. (E); Line 6
5	PJM Administrative Charges	\$ 4,083,317	Schedule 46, Section 1 Statement 2, Page 1 of 1; Col. (E); Line 12
6	Demand Response Program Cost Recovery	\$ —	Schedule 46, Section 1 Statement 2, Page 1 of 1; Col. (E); Line 13
7	Subtotal T-RAC Current Cost of Service (Line 1 - 6)	<u>\$ 378,886,312</u>	

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 46, Section 1, Statement 1
9	Subtotal T-RAC True Up (Line 8)	<u>\$ 18,453,814</u>	

Recovery Item 3 - Update - April 2023 thru August 2023

10	Update Period April 2023 thru August 2023	\$ 13,687,942	Schedule 46, Section 1, Statement 7; Page 1 of 1; Line 25(A)
11	Subtotal T-RAC Update (Line 10)	<u>\$ 13,687,942</u>	
12	Total Section A-4 Cost of Service (Line 7+9+11)	<u>\$ 411,028,068</u>	

Demand	\$ 410,584,862
Energy	<u>\$ 443,206</u>
	<u>\$ 411,028,068</u>

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

20230919

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

APCO Exhibit No. _____
Witness JAM/VCN
Schedule 48
at (1) Statement 2 COS-Item2
Page 1 of 1

(A)	(B)	(C)	(D)	(E)	(F) * (C)	
Line No.	Description	APCO's Transmission Expenses	VA Juris. %	Allocator, Basis/Allocation	VA's Transmission Expenses	APCo Total Transmission Expenses* Item Location
1	Network Integration Transmission Service (NITS) Charges	\$ 660,728,088	53.91%	Demand	\$ 356,210,660	Schedule 48, Section 1, Statement 3; Page 1 of 1; Line 7
2	Point to Point Transmission Service Credits	\$ (6,506,843)	53.91%	Demand	\$ (4,686,363)	Schedule 48, Section 1, Statement 3; Page 1 of 1; Line 8
3	Auxiliary Service Schedule 1A Charges (Transmission Owner Scheduling, System Control and Load Dispatching)	\$ 842,744	62.45%	Energy	\$ 641,833	Schedule 48, Section 3, Statement 3; Page 1 of 1; Line 14
4	PJM Transmission Enhancement Charges (Schedule 12)	\$ 43,378,780	53.91%	Demand	\$ 24,485,152	Schedule 48, Section 1, Statement 4; Page 22 of 72; APCo RTEP
5	Schedule 12 RTEP Projects Transmission Enhancement Charge Adjustment (FERC EL05-121-000)	\$ (3,227,365)	53.91%	Demand	\$ (1,737,275)	
6	Total of PJM Transmission Enhancement Charges	\$ 42,156,425			\$ 22,727,878	
7	PJM Administrative Charges:					
8	PJM Admin - ESC & OS - Internal	\$ 6,510,211	48.91%	Demand	\$ 3,184,281	Schedule 48, Section 1, Statement 5; Page 1 of 1; 5514001 (A)
9	PJM Admin - RP & SOS - Internal	\$ 1,838,143	48.91%	Demand	\$ 899,036	Schedule 48, Section 1, Statement 5; Page 1 of 1; 5518001 (B)
10	PJM Admin - MAM & SC - Internal	\$ —	48.91%	Demand	\$ —	Not Applicable
11	PJM Admin - Delawalla LSE	\$ —	48.91%	Demand	\$ —	Not Applicable
12	PJM Administrative Charges (Line 8 - 11)	\$ 8,348,354			\$ 4,083,317	
13	Demand Response Program Cost Recovery	\$ —	63.81%	Demand	\$ —	
14	Total T-RAC Revenue Requirement (Line 1 + 2 + 3 + 6 + 12 + 13)	\$ 793,568,677			\$ 378,888,312	

Notes

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

APFC - CASH FLOW STATEMENT - LUMP SUM
TRANSMISSION RATE ADJUSTMENT (LUMP SUM)
Comparison of 2022 Charge
New Year Starting: September 1, 2022

APFC - Cash Flow
Statement
Comparison of 2022 Charge
New Year Starting: September 1, 2022

Line No.	APFC Description	Units	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000	3001	3002	3003	3004	3005	3006	3007	3008	3009	3010	3011	3012	3013	3014	3015	3016	3017	3018	3019	3020	3021	3022	3023	3024	3025	3026	3027	3028	3029	3030	3031	3032	3033	3034	3035	3036	3037	3038	3039	3040	3041	3042	3043	3044	3045	3046	3047	3048	3049	3050	3051	3052	3053	3054	3055	3056	3057	3058	3059	3060	3061	3062	3063	3064	3065	3066	3067	3068	3069	3070	3071	3072	3073	3074	3075	3076	3077	3078	3079	3080	3081	3082	3083	3084	3085	3086	3087	3088	3089	3090	3091	3092	3093	3094	3095	3096	3097	3098	3099	3100	3101	3102	3103	3104	3105	3106	3107	3108	3109	3110	3111	3112	3113	3114	3115	3116	3117	3118	3119	3120	3121	3122	3123	3124	3125	3126	3127	3128	3129	3130	3131	3132	3133	3134	3135	3136	3137	3138	3139	3140	3141	3142	3143	3144	3145	3146	3147	3148	3149	3150	3151	3152	3153	3154	3155	3156	3157	3158	3159	3160	3161	3162	3163	3164	3165	3166	3167	3168	3169	3170	3171	3172	3173	3174	3175	3176	3177	3178	3179	3180	3181	3182	3183	3184	3185	3186	3187	3188	3189	3190	3191	3192	3193	3194	3195	3196	3197	3198	3199	3200	3201	3202	3203	3204	3205	3206	3207	3208	3209	3210	3211	3212	3213	3214	3215	3216	3217	3218	3219	3220	3221	3222	3223	3224	3225	3226	3227	3228	3229	3230	3231	3232	3233	3234	3235	3236	3237	3238	3239	3240	3241	3242	3243	3244	3245	3246	3247	3248	3249	3250	3251	3252	3253	3254	3255	3256	3257	3258	3259	3260	3261	3262	3263	3264	3265	3266	3267	3268	3269	3270	3271	3272	3273	3274	3275	3276	3277	3278	3279	3280	3281	3282	3283	3284	3285	3286	3287	3288	3289	3290	3291	3292	3293	3294	3295	3296	3297	3298	3299	3300	3301	3302	3303	3304	3305	3306	3307	3308	3309	3310	3311	3312	3313	3314	3315	3316	3317	3318	3319	3320	3321	3322	3323	3324	3325	3326	3327	3328	3329	3330	3331	3332	3333	3334	3335	3336	3337	3338	3339	3340	3341	3342	3343	3344	3345	3346	3347	3348	3349	3350	3351	3352	3353	3354	3355	3356	3357	3358	3359	3360	3361	3362	3363	3364	3365	3366	3367	336
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230520019

Transmission Enhancement Charges (PJM OATT Schedule 12) Settlement Worksheet

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

PJM Upgrade	Annual Revenue	Monthly Revenue	
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		

230520019

23052019

			\$	—
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	
			\$ —

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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	

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			\$	—
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	\$ 76,610.13	\$ 63,634.18		
			\$	—
b0403	\$ 770,599.99	\$ 64,216.67		
			\$	—
b0328.1	\$ 11,519,477.55	\$ 959,956.46	13.68%	

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			\$ 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

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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	
			\$ —

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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	\$ (885,195.80)	\$ (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

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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	Annual	Monthly	
Upgrade	Revenue	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	
			\$ —

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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%
			\$ 38,007.36
b2436.22_dfax	\$ 2,464,159.00	\$ 205,346.58	
			\$ —
b2436.22	\$ 2,464,159.00	\$ 205,346.58	13.68%
			\$ 28,091.41
b2436.81_dfax	\$ 2,777,934.50	\$ 231,494.54	
			\$ —
b2436.81	\$ 2,777,934.50	\$ 231,494.54	13.68%
			\$ 31,668.45
b2436.83_dfax	\$ 2,777,935.00	\$ 231,494.58	
			\$ —
b2436.83	\$ 2,777,935.00	\$ 231,494.58	13.68%
			\$ 31,668.46
b2436.90_dfax	\$ 1,543,496.00	\$ 128,624.67	
			\$ —
b2436.90	\$ 1,543,496.00	\$ 128,624.67	13.68%
			\$ 17,595.85
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

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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	

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			\$	—
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

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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 Upgrade	Annual Revenue	Monthly Revenue	
ID	Requirement	Requirement (Jan - Dec 2023)	AEP
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%

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			\$ 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%

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			\$ 198,384.60
b1495	\$ 5,840,710.00	\$ 486,725.83	87.22%
			\$ 424,522.27
b1712.1	\$ 30,080.00	\$ 2,506.67	
			\$ —
b1465.1	\$ 4,206,175.00	\$ 350,514.58	75.06%
			\$ 263,096.24
b2230	\$ 807,932.50	\$ 67,327.71	13.68%
			\$ 9,210.43
b2230_dfax	\$ 807,932.50	\$ 67,327.71	100.00%
			\$ 67,327.71
b2423	\$ 1,254,844.00	\$ 104,570.33	13.68%
			\$ 14,305.22
b2423_dfax	\$ 1,254,844.00	\$ 104,570.33	100%
			\$ 104,570.33
b2687.1_dfax	\$ 4,305,795.00	\$ 358,816.25	100%
			\$ 358,816.25
b2687.1	\$ 4,305,795.00	\$ 358,816.25	13.68%
			\$ 49,086.06
b2687.2_dfax	\$ 589,711.00	\$ 49,142.58	100%
			\$ 49,142.58
b2687.2	\$ 589,711.00	\$ 49,142.58	13.68%
			\$ 6,722.70
b1465.5	\$ 573,841.00	\$ 47,820.08	13.68%
			\$ 6,541.79
b1465.5_dfax	\$ 573,841.00	\$ 47,820.08	100.00%
			\$ 47,820.08
b2831.1	\$ 93,443.00	\$ 7,786.92	27.09%
			\$ 2,109.48
b2833	\$ 3,638,494.00	\$ 303,207.83	76.06%
			\$ 230,619.88
b2777	\$ 3,230,889.00	\$ 269,240.75	5.96%
			\$ 16,046.75
TOTAL	\$ 201,468,686.00	\$ 16,789,057.15	\$ 10,665,078.69
*ARR updated effective 1/1/2023 in compliance with FERC Order Issued on 12/15/2022 In Docket No. EL22-34			
Required Transmission Enhancements owned by: Atlantic Electric's Network Customers			

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	
			\$ —

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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	
			\$ —

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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	Revenue	Revenue	
ID	Requirement	Requirement	AEP
		(Jun 2022 - May 2023)	
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	\$ —

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

PJM	Annual	Monthly	
Upgrade	Revenue	Revenue	
ID	Requirement	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	Revenue	Revenue	
ID	Requirement	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	\$ —

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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)	

20250109

			\$ —
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
Required Transmission Enhancements owned by: PECO Energy Company			
PJM	Annual	Monthly	
Upgrade	Revenue	Revenue	
ID	Requirement	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 Revenue Requirement	Monthly Revenue Requirement (Jan - Dec 2023)	AEP
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

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Transmission Enhancements owned by: Transource West Virginia, LLC			
PJM Upgrade	Annual Revenue	Monthly Revenue	
ID	Requirement	Requirement	AEP
		(Jan - Dec 2023)	
b2609.4	\$ 9,063,716.00	\$ 755,309.67	\$100.00%
			\$ 755,309.67
TOTAL	\$ 9,063,716.00	\$ 755,309.67	\$ 755,309.67

Transmission Enhancements owned by: Transource Maryland, LLC			
PJM Upgrade	Annual Revenue	Monthly Revenue	
ID	Requirement	Requirement	AEP
		(Jan - Dec 2023)	
b2743.5	\$ 838,798.00	\$ 69,899.83	6.46%
b2752.5			\$ 4,515.53
TOTAL	\$ 838,798.00	\$ 69,899.83	\$ 4,515.53

Required Transmission Enhancements owned by: Transource Pennsylvania, LLC			
PJM Upgrade	Annual Revenue	Monthly Revenue	
ID	Requirement	Requirement	AEP
		(Jan - Dec 2022)	
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

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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	

230520019

			\$ —
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	
			\$ —

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

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

APCO Exhibit No. _____
Whereas APCO
Schedule 46
a(1) Statement of PJM Admin
Page 1 of 1

Year	2023/2024
By's Unit	213

Projected Amount	0	10	11	12	1	2	3	4	5	6	7	8	Grand Total
Account													
561001	\$ 580,229	\$ 481,328	\$ 478,787	\$ 519,871	\$ 680,723	\$ 811,338	\$ 839,833	\$ 527,785	\$ 426,814	\$ 369,431	\$ 362,887	\$ 555,171	\$ 8,818,411 (A)
5618001	\$ 147,329	\$ 126,849	\$ 151,583	\$ 184,479	\$ 224,640	\$ 170,178	\$ 188,833	\$ 138,781	\$ 107,086	\$ 149,150	\$ 147,385	\$ 151,143	\$ 1,335,143 (B)
Grand Total	\$ 727,558	\$ 608,177	\$ 628,780	\$ 673,450	\$ 833,583	\$ 781,514	\$ 806,471	\$ 666,566	\$ 512,000	\$ 711,581	\$ 710,242	\$ 706,314	\$ 8,348,354

Notes

- (A) PJM Administrative Service Fees for Scheduling, System Control and Dispatching Services (561001)
(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. 2008-00031 (5757001)

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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	Notes	April	May	June	July	August	Total
1(A)	NTS Rate \$/MWh - Day		\$ 339.52	\$ 339.52	\$ 339.52	\$ 339.52	\$ 339.52	
2(A)	AEP East LSE 1 NSPL		\$ 18,535	\$ 18,535	\$ 18,535	\$ 18,535	\$ 18,535	
3(A)	Number of Days - Month		30	31	30	31	31	
4(A)	AEP's PJM NTS Charge (Line 1(A) * 2(A) * 3(A))		\$ 188,795,193	\$ 189,083,196	\$ 188,795,193	\$ 189,083,196	\$ 189,083,196	\$ 947,879,874
5(A)	APCO's Actual 13CP 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)	
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 4(A) * 5(A)) * 6(A) * 6(B))		\$ 28,984,445	\$ 29,979,928	\$ 28,984,445	\$ 29,979,928	\$ 29,979,928	\$ 147,218,669
Subsection A4 Costs - P2P Transmission Credits								
8(A)	PJM Point to Point Transmission Service Credits		\$ (622,691)	\$ (765,409)	\$ (617,076)	\$ (721,203)	\$ (616,278)	\$ (3,772,653)
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)	\$ (428,831)	\$ (449,613)	\$ (388,823)	\$ (446,080)	\$ (2,033,850)
Subsection A4 Costs - 1A Rates								
11(A)	Schedule 1A Rate \$/MWh		\$ 0.0049	\$ 0.0048	\$ 0.0049	\$ 0.0048	\$ 0.0049	
12(A)	AEP-East Energy Sales		8,143,514	8,454,292	9,179,064	10,143,866	10,070,802	
12(A)	AEP's PJM Schedule 1A Charge (Line 11(A) * 12(A))		\$ 29,830	\$ 41,147	\$ 44,689	\$ 48,363	\$ 49,008	\$ 225,813
14(A)	APCO's Forecasted Energy Sales %		26.345%	25.786%	24.845%	25.555%	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 12(A) * 14(A) * 15(A))		\$ 8,474	\$ 5,582	\$ 5,818	\$ 6,614	\$ 6,523	\$ 29,971
Subsection A4 Costs - Schedule 13 RTEP Costs								
17(A)	Unrelied APCO RTEP Costs		\$ 3,781,565	\$ 3,781,565	\$ 3,781,565	\$ 3,781,565	\$ 3,781,565	\$ 19,907,825
	Transmission Enhancement Charge Adjustment (FERC EL05-121-000)		\$ (266,530)	\$ (268,530)	\$ (266,530)	\$ (266,530)	\$ (266,530)	\$ (1,342,848)
18(A)	Appalachian Virginia Retail Jurisdiction		53.91%	53.91%	53.91%	53.91%	53.91%	
18(A)	APCO's Va Jurisdictional RTEP Charges (Line 17(A) * 18(A))		\$ 1,893,990	\$ 1,893,990	\$ 1,893,990	\$ 1,893,990	\$ 1,893,990	\$ 9,489,849
Subsection A4 Costs - PJM Admin Costs								
20(A)	APCO PJM Admin Costs		\$ 645,679	\$ 487,769	\$ 678,176	\$ 670,273	\$ 678,336	\$ 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))		\$ 318,618	\$ 238,588	\$ 330,732	\$ 327,848	\$ 331,104	\$ 1,644,083
23(A)	APCO's Va Jurisdictional T-RAC Expenses (Line 7(A) * 10(A) * 18(A) * 19(A) * 22(A))		\$ 30,844,611	\$ 31,629,236	\$ 36,754,472	\$ 31,789,851	\$ 31,721,443	\$ 156,728,733
24(A)	APCO's Va Jurisdictional T-RAC Revenue Recovery (Using prorate billing determinants)		\$ 28,919,882	\$ 25,563,242	\$ 26,744,974	\$ 30,384,851	\$ 31,428,222	\$ 143,040,791
24(A)	APCO's Va Jurisdictional Under (Over) Recovery Position (Line 23(A) - 24(A))		\$ 1,924,729	\$ 6,066,004	\$ 9,999,498	\$ 1,384,700	\$ 293,241	\$ 12,687,942

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	
Monthly Revenues	Total
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

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

APCO Exhibit No. _____
Witness A021
Schedule 46
a(1) Statement 7 Proj. Cost
Page 1 of 1

Line	Rate Year		2024		2025		2026		2027	
	Estimated Total Company	Estimated Virginia Jurisdiction	Estimated Total Company	Estimated Virginia Jurisdiction	Estimated Total Company	Estimated Virginia Jurisdiction	Estimated Total Company	Estimated Virginia Jurisdiction	Estimated Total Company	Estimated Virginia Jurisdiction
1. Network Integration Transmission Service (NITS) Charges	\$ 866.73	\$ 346.32	\$ 679.83	\$ 354.06	\$ 702.31	\$ 374.64	\$ 732.24	\$ 366.53	\$ 766.16	\$ 426.63
2. Non-ITN Power Transmission Service Credits	\$ (6.61)	\$ (4.30)	\$ (6.61)	\$ (4.30)	\$ (6.61)	\$ (4.30)	\$ (6.61)	\$ (4.30)	\$ (6.61)	\$ (4.30)
3. Ancillary Services Schedule 1A Charges	\$ 0.84	\$ 0.44	\$ 1.16	\$ 0.62	\$ 1.83	\$ 0.87	\$ 1.66	\$ 0.88	\$ 1.71	\$ 0.90
4. Total of PJM Transmission Enhancement Charges	\$ 43.16	\$ 23.73	\$ 36.83	\$ 19.76	\$ 33.36	\$ 16.14	\$ 27.67	\$ 26.31	\$ 26.79	\$ 19.76
5. PJM Administrative Charges (Line 6 + 11)	\$ 0.13	\$ 0.06	\$ 0.42	\$ 0.13	\$ 0.83	\$ 0.32	\$ 0.83	\$ 0.33	\$ 0.96	\$ 0.39
6. Demand Response Program Cost Recovery	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
7. Total T-RAC Current Revenue Requirement (Line 1 + 2 + 3 + 4 + 5 + 6)	\$ 903.97	\$ 376.66	\$ 719.27	\$ 379.96	\$ 739.84	\$ 396.79	\$ 772.88	\$ 418.26	\$ 815.06	\$ 451.18
A. Rate Year Two-Up Period		\$ 16.45								
B. Rate Year Up-Over Period		\$ 13.69								
Total Rate Year Revenue Requirement (7 + A + B)		\$ 411.02								

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

APCO Exhibit No. _____
Witness: JAMES C. CEN
Schedule 48
Forecasted 2024
Page 1 of 1

(A)		(B)	(C)	(D)	(E)	(F) * (C)	
Calendar Year 01/01/2024 - 12/31/2024							
Line No.	Description	APCO's Transmission Expenditures	VA Juris. %	Allocation Description	VA's Transmission Expenditures	APCO's Total Transmission Expenditures	Item Location
1	Network Integration Transmission Service (NTS) Charges	\$ 879,076,128	53.91%	Demand	\$ 366,084,714	Schedule 48, Section 1, Statement 3; Page 1 of 1; Line 7	Cost of Service
2	Point to Point Transmission Service Credits	\$ (8,506,843)	53.91%	Demand	\$ (4,586,383)	Schedule 48, Section 1, Statement 3; Page 1 of 1; Line 8	
3	Auxiliary Service Schedule 1A Charges (Transmission Owner Scheduling, System Control and Load Dispatching)	\$ 1,177,293	52.43%	Energy	\$ 617,218	Schedule 48, Section 3, Statement 3; Page 1 of 1; Line 14	
4	PJM Transmission Enhancement Charges (Schedule 12)						
8	Schedule 12 RTEP Projects	\$ 39,848,372	53.91%	Demand	\$ 21,494,315	Schedule 48, Section 1, Statement 4; Page 22 of 22; APCo RTEP	
	Transmission Enhancement Charge Adjustment (FERC ELOS-121-000)	\$ (3,222,353)	53.91%	Demand	\$ (1,737,273)		
6	Total of PJM Transmission Enhancement Charges	\$ 36,646,017			\$ 19,757,041		
7	PJM Administrative Charges*						
8	PJM Admin - SSC & DS - Internal	\$ 6,556,216	48.91%	Demand	\$ 3,207,702	Schedule 48, Section 1, Statement 5; Page 1 of 1; 5514001 (A)	PJM Admin
9	PJM Admin - RP & SDS - Internal	\$ 1,862,130	48.91%	Demand	\$ 910,768	Schedule 48, Section 1, Statement 5; Page 1 of 1; 5518001 (B)	
10	PJM Admin - IAM & SC - Internal	\$ —	48.91%	Demand	\$ —	Not Applicable	
11	PJM Admin - Defaults LSE	\$ —	48.91%	Demand	\$ —	Not Applicable	
12	PJM Administrative Charges (Line 8 - 11)	\$ 8,420,348			\$ 4,118,530		
13	Demand Response Program Cost Recovery	\$ —	53.91%	Demand	\$ —		
14	Total T-RAC Revenue Requirement (Line 1 + 2 + 3 + 6 + 12 + 13)	\$ 718,762,844			\$ 388,921,138		

Notes

12 North Demand & Energy Study of Transmission- Excludes Kingport and FERC Customers (December)

12 North Demand and Energy Study - Includes Kingport and FERC Customers (December)

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

APCO Exhibit No. _____
Witness: KDU/VGEN
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	VA Juris. %	Affector Description	VA's Transmission Expenses
1	Network Integration Transmission Service (NITS) Charges	\$ 702,305,744	53.91%	Demand	\$ 378,638,500
2	Point to Point Transmission Service Credits	\$ (6,586,943)	53.91%	Demand	\$ (4,586,363)
3	Ancillary Service Schedule 1A Charges (Transmission Owner Scheduling, System Control and Load Dispatching)	\$ 1,633,873	52.43%	Energy	\$ 867,043
4	PJM Transmission Enhancement Charges (Schedule 12)				
5	Schedule 12 RTEP Projects	\$ 35,718,117	53.91%	Demand	\$ 20,874,176
	Transmission Enhancement Charge Adjustment (FERC ELOS-121-000)	\$ (3,222,356)	53.91%	Demand	\$ (1,737,275)
6	Total of PJM Transmission Enhancement Charges	\$ 35,495,762			\$ 19,136,901
7	PJM Administrative Charges*				
8	PJM Admin - SSC & OS - Internal	\$ 6,722,172	48.91%	Demand	\$ 3,287,855
9	PJM Admin - RP & BOS - Internal	\$ 1,008,660	48.91%	Demand	\$ 493,535
10	PJM Admin - MAM & SC - Internal	\$ —	48.91%	Demand	\$ —
11	PJM Admin - Defaults LSC	\$ —	48.91%	Demand	\$ —
12	PJM Administrative Charges (Lines 8 - 11)	\$ 6,630,832			\$ 4,221,491
13	Demand Response Program Cost Recovery	\$ —	53.91%	Demand	\$ —
14	Total T-RAC Revenue Requirement (Line 1 + 2 + 3 + 6 + 12 + 13)	\$ 779,879,226			\$ 398,274,876

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)

Cost of Service
RTEP
PJM Admin
Cost

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

APCO Exhibit No. _____
Witness JURAT/ICEN
Schedule 48
Forecasted 2026
Page 1 of 1

(A)	(B)	(C)	(D)	(E)	(B) * (C)
Calendar Year 01/01/2026 - 12/31/2026					
Line No.	Description	APCO's Transmission Expenses*	VA. Juris. %	APCO's Transmission Expenses	APCo Total Transmission Expenses* Item Location
1	Network Integration Transmission Service (NTS) Charges	\$ 733,282,425	53.91%	Demand \$ 395,335,238	Schedule 48, Section 1, Statement 3, Page 1 of 1, Line 7
2	Point to Point Transmission Service Credits	\$ (8,586,843)	53.91%	Demand \$ (4,586,363)	Schedule 48, Section 1, Statement 3, Page 1 of 1, Line 8
3	Auxiliary Service Schedule 1A Charges (Transmission Owner Scheduling, System Control and Load Dispatching)	\$ 1,883,633	52.43%	Energy \$ 982,684	Schedule 48, Section 3, Statement 3, Page 1 of 1, Line 14
4	PJM Transmission Enhancement Charges (Schedule 12)	\$ 40,898,702	53.91%	Demand \$ 22,048,721	Schedule 48, Section 1, Statement 4, Page 22 of 22, APCo RTEP
5	Schedule 12 RTEP Projects Transmission Enhancement Charge Adjustment (FERC ELOS-121-009)	\$ (3,722,355)	83.91%	Demand \$ (1,737,275)	
6	Total of PJM Transmission Enhancement Charges	\$ 37,176,347		\$ 20,311,446	
7	PJM Administrative Charges*				
8	PJM Admin - BSC & DS - Internal	\$ 6,890,224	48.91%	Demand \$ 3,370,153	Schedule 48, Section 1, Statement 5, Page 1 of 1, 5014001 (A)
9	PJM Admin - RP & SDS - Internal	\$ 1,058,304	48.91%	Demand \$ 508,872	Schedule 48, Section 1, Statement 5, Page 1 of 1, 5018001 (B)
10	PJM Admin - PJM & SC - Internal	\$ —	48.91%	Demand \$ —	Not Applicable
11	PJM Admin - Defaults LSC	\$ —	48.91%	Demand \$ —	Not Applicable
12	PJM Administrative Charges (Line 8 - 11)	\$ 8,848,618		\$ 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)	\$ 772,846,101		\$ 416,260,828	

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)

Cost of Service

RTEP

PJM Admin

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

APCO Exhibit No. _____
Witness MARCOEN
Schedule 48
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 Expenses ¹	VA Juris. %	Allocation Description	VA's Transmission Expenses	APCo Total Transmission Expenses ² Item Location
1	Network Integration Transmission Service (NITS) Charges	\$ 780,175,128	53.81%	Demand	\$ 420,817,378	Schedule 48, Section 1, Statement 3, Page 1 of 1; Line 7
2	Point to Point Transmission Service Credits	\$ (5,504,943)	53.81%	Demand	\$ (4,584,365)	Schedule 48, Section 1, Statement 3, Page 1 of 1; Line 8
3	Ancillary Service Schedule 14 Charges (Transmission Owner Scheduling, System Control and Load Dispatching)	\$ 1,708,841	52.43%	Energy	\$ 695,784	Schedule 48, Section 3, Statement 3, Page 1 of 1; Line 14
4	PJM Transmission Enhancement Charges (Schedule 12)	\$ 39,918,705	53.81%	Demand	\$ 21,521,451	Schedule 48, Section 1, Statement 4, Page 22 of 22; APCo RTEP
5	Schedule 12 RTEP Projects Transmission Enhancement Charge Adjustment (FERC EJ05-12-1-008)	\$ (3,222,335)	53.81%	Demand	\$ (1,737,275)	
6	Total of PJM Transmission Enhancement Charges	\$ 36,696,350			\$ 19,784,177	
7	PJM Administrative Charges ³					
8	PJM Admin - SSC & DS - Internal	\$ 6,990,577	48.81%	Demand	\$ 3,420,705	Schedule 48, Section 1, Statement 5, Page 1 of 1; 5614001 (A)
9	PJM Admin - RP & SCS - Internal	\$ 1,085,740	48.81%	Demand	\$ 521,225	Schedule 48, Section 1, Statement 5, Page 1 of 1; 5618001 (B)
10	PJM Admin - IAAJ & SC - Internal	\$ —	48.81%	Demand	\$ —	Not Applicable
11	PJM Admin - Defaults LSE	\$ —	48.81%	Demand	\$ —	Not Applicable
12	PJM Administrative Charges (Line 8 - 11)	\$ 8,076,317			\$ 4,381,631	
13	Demand Response Program Cost Recovery	\$ —	53.81%	Demand	\$ —	
14	Total T-RAC Revenue Requirement (Line 1 + 2 + 3 + 6 + 12 + 13)	\$ 818,553,494			\$ 441,102,994	

Notes

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

Cost of Service

RTEP
Project

PJM Admin
Cost

230520019

**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	<u>\$ 413,245,865</u>

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>	\$ 378,886,312	\$ 378,444,489	\$ 441,823	
Pilot Program	\$ 2,217,797	\$ 2,217,797	\$ -	
<u>Totals</u>	\$ 413,245,865	\$ 412,802,659	\$ 443,206	

230520013

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	10,145,290,810	100.00%		
Overall Cost of Capital				<u>6.944</u>

Line No.	Description	Virginia Jurisdictional Account	Is Applicable (1) Amount	Residual Service										General Service		Large Power Service		Sanctuary Workshop Service		Outdoor Lighting Service	
				RS BEC	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
1	Energy Related	443,206	ENER \$	443,206	\$	100,330	\$	18,674	\$	12,750	\$	70,627	\$	140,248	\$	961	\$	2,326	\$		\$
2	Demand Related	410,664,882	DEMR \$	410,664,882	\$	233,740,274	\$	20,857,696	\$	15,483,116	\$	58,156,410	\$	81,478,382	\$	1,670,609	\$	18,393	\$		\$
	Total OATT Transmission Expense	411,028,088		411,028,088		233,838,754		20,877,370		15,475,867		58,277,277		81,619,840		1,671,530		18,231			
3	Pilot Project		ENER \$	2,217,797	\$	1,292,581	\$	108,243	\$	83,525	\$	314,135	\$	440,115	\$	9,225	\$	91	\$		\$
4	Energy Related	2,217,797	DEMR \$	2,217,797	\$	1,292,581	\$	108,243	\$	83,525	\$	314,135	\$	440,115	\$	9,225	\$	91	\$		\$
	Total Pilot Project Expense			2,217,797		1,292,581		108,243		83,525		314,135		440,115		9,225		91			
5	Total T-RAC Cost of Service (Row 1-5)	413,245,885		413,245,885		235,131,335		20,985,713		15,559,392		58,591,412		82,060,755		1,680,659		18,322			
	Rate Year Demand-Related Charges	412,802,659		412,802,659		225,002,035		20,168,039		15,548,943		58,470,545		81,919,508		1,670,994		18,094			
	Rate Year Energy-Related Charges	443,206		443,206		194,300		18,674		12,750		70,627		140,248		961		2,326			

	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	SGS	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 \$	219,662 \$	18,854 \$	14,531 \$	54,684 \$	76,672 \$	1,570 \$
2025	\$	739,579 \$	341,305 \$	398,275 \$	226,623 \$	19,452 \$	14,992 \$	56,429 \$	79,139 \$	1,619 \$
2026	\$	772,980 \$	356,700 \$	416,280 \$	236,860 \$	20,331 \$	15,669 \$	58,976 \$	82,710 \$	1,692 \$
2027	\$	819,052 \$	377,950 \$	441,103 \$	251,001 \$	21,545 \$	16,604 \$	62,495 \$	87,641 \$	1,793 \$

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

20230520

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
at Statement 1-Class Allocators
Page 6 of 18

230620019

RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	MEDIUM GENERAL SERVICE	GENERAL SERVICE	LARGE POWER SERVICE	SANCTUARY WORSHIP SERVICE	OUTDOOR LIGHTING SERVICE
RS	SGS	MGS	GS	LPS	SWS	OL
SEC					Sec	Sec

Line No.	Allocator Name	Allocator	(1) Amount	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	NON-SHOPPING DEMAND - SIX CP	DEM	2,777,208	1,581,027	135,871	104,593	393,372	551,128	11,302	114
2	NON-SHOPPING KWH AT GENERATOR	ENER	15,404,223,869	6,825,438,283	683,779,858	443,126,624	2,463,080,019	4,874,493,956	33,402,760	80,902,269
3	TOTAL DISTRIBUTION PLANT	DIST	2,455,440,198	1,636,186,466	151,726,825	91,076,627	345,900,265	156,771,989	10,828,995	63,149,030
4	DEMAND - SIX CP	DEM	1.00	0.560286	0.048852	0.037661	0.141643	0.198447	0.004070	0.000041
5	KWH AT GENERATOR	ENER	1.00	0.443089	0.044389	0.028757	0.159896	0.316439	0.002168	0.005252
6	TOTAL DISTRIBUTION PLANT	DIST	1.00	0.666352	0.091792	0.037082	0.140871	0.063847	0.004329	0.025718

Source: 2023 Tariff Schedule 40 C

(A)	(B)	(C)	(D) = (C) * 6.1	(E) = (C) * (D)	(F)	(G) = (F) * 1.1	(H) = (G) * (E)	(I) = (H) / (F)	(J) = (H) / (F)	(K) = (H) / (F)	(L) = (H) / (F)	(M) = (H) / (F)	(N) = (H) / (F)	(O) = (H) / (F)	(P) = (H) / (F)	(Q)	(R)	(S) = (R) * (Q)	(T) = (R) * (Q)
Line No.	Tariff Code	Tariff Description	All Charges (Per the Service Class)	On-Peak Revenue Requirement (10%)	On-Peak Revenue Requirement (10%)	Units @ Secondary Voltage Level	On-Peak Units ¹	On-Peak Units	On-Peak Units	On-Peak Units	On-Peak Units	On-Peak Units	On-Peak Units	On-Peak Units	On-Peak Units	TOD Tariff On-Peak Units	TOD Tariff On-Peak Units	On-Peak Revenue	On-Peak Revenue
			Dollars			Costs	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Revenue	Units	Units		
1	30	RT - TOD	\$ 235,180.318	\$ 23,518.032	\$ 23,518.032	6,103,833.218	3,882,361.901	2,146,773.314	\$ 0.0007	\$ 0.00781	\$ -	\$ -	\$ -	\$ 0.00037	\$ 0.00076	1,718,728	954,773	\$ 15,946.26	\$ 31,892.54
2	323	SGS - TOD	\$ 20,953.713	\$ 2,095.371	\$ 2,095.371	10,167,141	343,836.082	286,407.845	\$ 0.0008	\$ 0.00788	\$ -	\$ -	\$ -	\$ 0.00098	\$ 0.00098	25,361	13,783	\$ 148.33	\$ 322.83
3	328	CS-TOD Sec (MCS)	\$ 13,559.362	\$ 1,355.936	\$ 1,355.936	14,003,433	434,933.948	251,843,901	\$ 0.0011	\$ 0.00863	\$ -	\$ -	\$ -	\$ 0.00114	\$ 0.00893	20,366,043	12,438,337	\$ 121,432.82	\$ 873,886.19
4	CJ	CS-TOD Pr (MCS)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0003	\$ 0.00031	\$ -	\$ -	\$ -	\$ 0.00043	\$ 0.00041	0	0	\$ -	\$ -
5	327	CS-TOD Sec (MCS)	\$ 11,258.392	\$ 1,125.839	\$ 1,125.839	14,003,433	434,933.948	251,843,901	\$ 0.0011	\$ 0.00863	\$ -	\$ -	\$ -	\$ 0.00114	\$ 0.00893	14,839,834	10,132,800	\$ 81,086.32	\$ 703,808.88
6	329	LOS-TOD Pr (MCS)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0003	\$ 0.00031	\$ -	\$ -	\$ -	\$ 0.00043	\$ 0.00041	0	0	\$ -	\$ -
7		Total of Lines 1 - 6	\$ 289,693.812	\$ 28,969.381	\$ 28,969.381	7,634,349,813	4,642,281,363	3,981,937,448	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	36,448,364	24,598,833	\$ 776,826.78	\$ 1,724,489.83
8		MCS	\$ 11,683.392	\$ 1,168.339	\$ 1,168.339	\$ 434,933.948	\$ 434,933.948	\$ 251,843,901	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Notes:

¹ Use 25-TOD Sec (MCS) and CS-TOD Pr (MCS) to calculate an overall rate.

² C largely drive the difference between secondary and primary for MCS class.

Time	Off Peak Unit %	
RT-TOD	86.30%	Source: Load Research, On- and Off Peak with Study Period Test Year 2019
SGS-LN-TOD	86.19%	
CS-TOD	83.27%	Rate used for new LOS-TOD that was implemented from existing CS-TOD
MCS & LOS	41.22%	

³ CS - TOD and LOS - TOD Primary Rate was developed by scaling the existing rate to satisfy the CS Class All-rates Revenue

Rate	Going Level Factor	Under Recovery Factor	Total Factor
On-Peak	0.00781	-	0.00781
On-Peak	0.00863	-	0.00863

Under Recovery Rate \$100/MWh

Under Recovery Revenue Requirement	\$ -
Going Level Revenue Requirement	\$ -
Total Revenue Requirement	\$ -
Under Recovery Rate (\$/MWh)	0.00%

20250115

MGS/ GS Target Rate Development				Current T-RAC Rates			Step 1			
							Current Revenues			
MGS	Energy	Billing Determinants Demand	Excess Off - Peak	per kWh	per kW	Excess kW				
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	32,082,280	199,957	494	0.02224	\$1.65	\$0.65	\$	713,732	\$	328,929 \$ 321
MGS SUB	2,466,934	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	\$	12,676 \$ -
							\$	9,201,753	\$	3,782,910 \$ 1,194
GS										
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	814,241,002	-	-	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			\$	28,045		
GS TRAN, Block 1	-	-	-	0.02178	1.61	0.63	\$	-	\$	- \$ -
Block 2	-	-	-	0.00718			\$	-		
LGS/GS TOD										
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				-		

20230520

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	1.88	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					
		0.02617	1.94	0.76	\$	3,245,163	\$ 927,556 \$ 1,018
		0.00863					
		0.02606	1.93	0.75	\$	145,123	\$ 41,116 \$ 118
		0.00863					
Current GS Revenues	\$ 49,749,316				\$	-	\$ - \$ -
Class Allocation Revenues	\$ 58,541,412						
	1.18%						
		0.02563	1.89	0.74			
		0.00845					
		MGS/GS Secondary Block 1		(A +B)	\$	46,230,722	\$ 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) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z)

Line No.	Line Description	Energy	On Peak Demand	Off Peak Demand	TOU Revenue Requirement	Energy Revenue Less TOU Revenue	Unbr @ Secondary Voltage Level	Secondary Rate	Off-Peak Demand	Off-Peak Rate
1	Residential Service	\$ 156,360	\$ 235,500.00	\$ -	\$ 94,470	\$ 101,830	Energy - kWh	0.00000	0	0.00000
2	Sanitary Wastewater Service	\$ 861	\$ 1,679.694	\$ -	\$ -	\$ 861	Demand - kW	0.00000	0	0.00000
3	Small General Service	\$ 19,674	\$ 28,166.009	\$ -	\$ 1,051	\$ 18,623	Energy - kWh	0.00000	0	0.00000
4	Medium General Service	\$ 11,516.333	\$ 4,041.800	\$ 1,267	\$ -	\$ 11,516.333	Demand - kW	0.00000	2,251.000	1.00 \$ 0.79
5	Large General Service	\$ -	\$ -	\$ -	\$ -	\$ -	Energy - kWh	0.00000	0	0.00000
6	Large Power Service	\$ 140,248	\$ 81,755.548	\$ 163,859	\$ -	\$ 140,248	Demand - kW	0.00000	6,810.076	12.01 \$ 1.15
7	Outdoor Lighting	\$ 2,380	\$ 15,094	\$ -	\$ -	\$ 2,380	Energy - kWh	0.00000	0	0.00000
8	Total of Lines 1 - 7	\$ 167,824	\$ 342,852.412	\$ 165,117	\$ 95,521	\$ 117,791.373	Energy - kWh	0.00000	9,062.076	12.01 \$ 1.15
9	General Service	\$ 43,350.789	\$ 15,169.437	\$ 11,192	\$ 1,855.136	\$ 41,475.852	Energy - kWh	0.00000	5,509.513	1.00 \$ 0.79
10	Block 1 - Outdoor Lighting	\$ 867,541	\$ 1,840.000	\$ 1,421	\$ -	\$ 867,541	Demand - kW	0.00000	0	0.00000
11	Block 2 - Outdoor Lighting	\$ 1,000,000	\$ 1,000.000	\$ 1,000	\$ -	\$ 1,000.000	Demand - kW	0.00000	0	0.00000

Line No.	Line Description	Energy	On Peak Demand	Off Peak Demand	TOU Revenue Requirement	Energy Revenue Less TOU Revenue	Unbr @ Secondary Voltage Level	Secondary Rate	Off-Peak Demand	Off-Peak Rate
12	Residential Service	\$ 0.00000	\$ -	\$ -	\$ -	\$ -	Energy - kWh	0.00000	0	0.00000
13	Sanitary Wastewater Service	\$ 0.00000	\$ -	\$ -	\$ -	\$ -	Demand - kW	0.00000	0	0.00000
14	Small General Service	\$ 0.00000	\$ -	\$ -	\$ -	\$ -	Energy - kWh	0.00000	0	0.00000
15	Medium General Service	\$ 0.00000	\$ 1.00	\$ 0.79	\$ -	\$ -	Demand - kW	0.00000	0	0.00000
16	Large General Service	\$ -	\$ -	\$ -	\$ -	\$ -	Energy - kWh	0.00000	0	0.00000
17	Large Power Service	\$ 0.00000	\$ 12.01	\$ 1.15	\$ -	\$ -	Demand - kW	0.00000	0	0.00000
18	Outdoor Lighting	\$ 0.00000	\$ -	\$ -	\$ -	\$ -	Energy - kWh	0.00000	0	0.00000
19	General Service - Block 1	\$ 0.00000	\$ 1.00	\$ 0.79	\$ -	\$ -	Demand - kW	0.00000	0	0.00000
20	General Service - Block 2	\$ 0.00000	\$ -	\$ -	\$ -	\$ -	Energy - kWh	0.00000	0	0.00000

Line No.	Tariff Description	(A)	(B)	(C)	(D)	(E) = (B) - (D)	(F)	(G)	(H) = (C) * (F) or (F) * (C) * (G)	(I)
Line No.	Tariff Description	Transmission Cost	TOD Revenue Requirement	Energy Revenue Less TOD Revenue	Units @ Secondary Voltage Level	Secondary Rate				
Line No.	Tariff Description	Gating Level Factors			Subtransmission Rates			Transmission		
		Energy Loss Factor	On-Peak Demand Factor	Off-Peak Demand Factor	Energy Loss Factor	On-Peak Demand Factor	Off-Peak Demand Factor	Energy Loss Factor	On-Peak Demand Factor	Off-Peak Demand Factor
20	Medium General Service ¹	0.0456	\$1.91	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
21	Large General Service	0.0456	\$1.91	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
22	Large Power Service	0.0456	\$1.91	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
23	Outdoor Lighting	0.0456	\$1.91	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
24	General Service - Block 1	0.0456	\$1.91	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
	General Service - Block 2	0.0456	\$1.91	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000

OFF PEAK EXCESS DEMAND REVENUE REQUIREMENTS

(A)	(B)	(C)	(D) = (B) / (C)	(E) = (D) * 0.1	(F)	(G) = (E) * (F)	(H) = (B) / (G)	(I) = (H) * (F)	(J) = (A) * (H) - (F)
Energy - Related Cost	Demand - Related Cost	Demand Units @ Secondary Voltage	Unit Demand Cost	Cost Share (Off-Peak Demand Change) (%)	Off-Peak Demand Units	Proposed Off-Peak Demand Cost	Demand Cost Less Off-Peak Demand Cost	% of Demand Cost In Demand Rate	Adjusted Energy Cost
\$ 12,750	\$ 15,548,643	2,221,993	\$ 6.97	0.70	1,780	\$ 1,257	\$ 15,546,386	26.00%	\$ 4,041,800
Large General Service	\$ 70,887	5,607,513	\$ 10.83	1.06	10,550	\$ 11,107	\$ 56,450,353	26.00%	\$ 16,199,432
General Service	\$ 140,248	8,810,078	\$ 12.03	1.30	136,550	\$ 183,650	\$ 81,755,648	100.00%	\$ 81,755,648
Large Power Service	\$ 223,863	14,544,527	\$ 15.40	1.30	148,000	\$ 178,300	\$ 156,762,396	100.00%	\$ 156,762,396

¹ Company does not distinguish between secondary and primary for SCS class. Used billed level energy. SCS are not less adjusted due to customer billing policy at the secondary rate.

² Adjustments to Class Allocations of Demand and Energy Related Costs. Includes OS Block 1. Energy excludes OS Block 2.

³ For AGS: (H) = (E) / (F)

⁴ UPS: (H) = (C) * (F) / (G)

⁵ Underwritten rates indicate revenue verification

⁶ Underwritten rates indicate revenue verification

⁷ Underwritten rates indicate revenue verification

⁸ Underwritten rates indicate revenue verification

⁹ Underwritten rates indicate revenue verification

¹⁰ Underwritten rates indicate revenue verification

¹¹ Underwritten rates indicate revenue verification

¹² Underwritten rates indicate revenue verification

¹³ Underwritten rates indicate revenue verification

¹⁴ Underwritten rates indicate revenue verification

¹⁵ Underwritten rates indicate revenue verification

¹⁶ Underwritten rates indicate revenue verification

¹⁷ Underwritten rates indicate revenue verification

¹⁸ Underwritten rates indicate revenue verification

¹⁹ Underwritten rates indicate revenue verification

²⁰ Underwritten rates indicate revenue verification

²¹ Underwritten rates indicate revenue verification

²² Underwritten rates indicate revenue verification

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

APCO Exhibit No. _____
Witness JBS
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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-LIWH	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	6,060,418,995	N/A	N/A	\$0.03858			\$233,810,965					
3	20	RS EMP	20,540,170	N/A	N/A	\$0.03858			\$792,787					
4	30	RS-TOD - On peak	855,723	N/A	N/A	\$0.08781			\$83,622					
5		- Off peak	1,718,726	N/A	N/A	\$0.06837			\$10,948					
6	31	RS-LIWH	106,381	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	8500 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			\$2,385					
13	099	8500 L, 175 W	1,249,309	N/A	N/A	\$0.00027			\$337					
14	102	36000 Lumen, 400 W Flood	10,823,447	N/A	N/A	\$0.00027			\$2,868					
15	103	28500 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	36000 Lumen, 400 W	1,716,682	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	3,282,697	N/A	N/A	\$0.00027			\$888					
20	111	8500 L, 100 W	1,283,054	N/A	N/A	\$0.00027			\$346					
21	113	28500 PTVS, 250 W	467,794	N/A	N/A	\$0.00027			\$128					
22	117	8500 MON	3,850	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	570,256	N/A	N/A	\$0.00027			\$154					
26	126	36000 Lumen, 400 W Flood	819,969	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	2,744,519	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	138	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	336,662	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	87,324	N/A	N/A	\$0.00027			\$24					
41	154	75W LEDOH	421,387	N/A	N/A	\$0.00027			\$114					
42	155	175W LEDUG	297,659	N/A	N/A	\$0.00027			\$80					
43	156	300W LEDOH	115,691	N/A	N/A	\$0.00027			\$31					
44	157	300W LEDUG	31,199	N/A	N/A	\$0.00027			\$8					
45	158	65W LPTUG	36,964	N/A	N/A	\$0.00027			\$10					
46	159	175W LFLUH	345,482	N/A	N/A	\$0.00027			\$93					
47	160	175W LFLUG	4,314	N/A	N/A	\$0.00027			\$1					
48	161	285W LFLUH	216,482	N/A	N/A	\$0.00027			\$58					
49	162	285W LFLUG	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-UMTRD On peak	13,783	N/A	N/A	\$0.06768			\$933					
		Off peak	25,261	N/A	N/A	\$0.06588			\$149					
52	231, 233, 261	SGS SEC	607,823,783	N/A	N/A	\$0.03300			\$20,058,185					
53	234	SGS PRI	2,894,643	N/A	N/A	\$0.03300			\$98,823	GS/MGS	GS/MGS		GS/MGS	
54	215	MGS SEC	360,870,723	2,011,288	1,302	\$0.02755	\$1.99	\$0.79	\$13,945,490					
55	217	MGS PRI	33,803,143	206,957	511	\$0.02616	\$1.32	\$0.76	\$1,282,037					
56	227	GS-TOD PH - On peak	0	N/A	N/A	\$0.06601			\$0					
57		- Off peak	0	N/A	N/A	\$0.00583			\$0					
58	229	GS-TOD SEC - On peak	13,428,537	N/A	N/A	\$0.06953			\$933,886					
59		- Off peak	20,286,063	N/A	N/A	\$0.00614			\$124,434					
60	337	LGS-TOD SEC - On peak	10,152,690	103,831		\$0.06953			\$705,910					
61		- Off peak	14,836,534			\$0.00614			\$91,096					
62	339	LGS-TOD PH - On peak	0	0		\$0.06601			\$0					
63		- Off peak	0			\$0.00583			\$0					
64	236	MGS SUB	2,629,272	13,392	0	\$0.02806	\$1.91	\$0.76	\$94,098					
65	239	MGS TRAN	861,000	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	\$1.09	\$0.79	\$46,256,208					
67		Block 2	614,241,002			\$0.00870			\$5,343,897					
68	263	GS PRI, Block 1	130,613,681	494,860	1,387	\$0.02616	\$1.02	\$0.76	\$4,368,044					
69		Block 2	83,343,287			\$0.00828			\$688,415					
70	265	GS SUB, Block 1	5,867,643	22,159	164	\$0.02806	\$1.91	\$0.76	\$195,877					
71		Block 2	3,758,577			\$0.00828			\$30,917					
72	267	GS TRAN, Block 1	0			\$0.02561	\$1.88	\$0.75	\$0					
73		Block 2	0			\$0.00809			\$0	\$74,067,767	\$74,100,805	\$0	\$74,100,805	-\$3,017
74	222	SWS	29,869,230	N/A	N/A	\$0.04822			\$1,440,294	\$1,440,294	\$1,680,956	\$0	\$1,680,956	-\$240,661
75	302	LPSSEC	208,425,090	426,837	1,384	\$0.00002	\$12.01	\$1.15	\$5,129,648	\$82,058,774	\$82,058,765	\$0	\$82,058,755	-\$982
76	306	LPS PRI	1,952,053,704	3,588,158	35,052	\$0.00002	\$11.61	\$1.11	\$41,736,481					
77	308, 309	LPS/ATOD SUB	1,350,659,055	2,310,807	87,763	\$0.00002	\$11.55	\$1.11	\$26,815,429					
78	310	LPS TRAN	411,778,199	734,345	17,885	\$0.00002	\$11.37	\$1.08	\$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					
81	382	LGS SUB	0	0	0	\$0.00000	\$0.00	\$0.00	\$0					
82	386	LGS TRAN	0	0	0	\$0.00000	\$0.00	\$0.00	\$0					
83	Total of Line (1 - 82)		13,351,998,790	14,923,942	154,508				\$413,245,686	\$413,245,686	\$413,245,665	\$0	\$413,245,665	-\$179

Total Target Revenue 413,245,665
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 (011,012,013,014,015,019,020,051,014)		0.03858		
Residential - TOD w/ TOU (030,031,032,036)	On-Peak	0.08781		
	Off-Peak	0.00637		
SWS (222)		0.04322		
SGS - (231,232,234,213,231)		0.03300		
SGS - LMTOD (235,236)	On-Peak	0.06768		
	Off-Peak	0.00593		
MGS - Secondary (213)	On-Peak	0.02755	\$1.99	\$0.79
	Off-Peak	0.00953		
GS-TOD Secondary (230,230)	On-Peak	0.00614		
	Off-Peak	0.00614		
MGS - Primary (217)	On-Peak	0.02616	\$1.92	\$0.76
	Off-Peak	0.00583		
GS-TOD Primary (217)	On-Peak	0.00601		
	Off-Peak	0.00583		
MGS - Subtransmission (236)	On-Peak	0.02606	\$1.91	\$0.76
	Off-Peak	0.00583		
MGS - Transmission (219)	On-Peak	0.02561	\$1.88	\$0.75
	Off-Peak	0.00583		
GS-Secondary (261)	Block 1	0.02755	\$1.99	\$0.79
	Block 2	0.02616		
GS-Primary (263)	Block 1	0.02616	\$1.92	\$0.76
	Block 2	0.00626		
GS-Subtransmission (265)	Block 1	0.02506	\$1.91	\$0.76
	Block 2	0.00623		
GS-Transmission (267)	Block 1	0.02561	\$1.88	\$0.75
	Block 2	0.00609		
LGS - TOD Secondary (237)	On-Peak	0.00614		
	Off-Peak	0.00614		
LGS - TOD Primary (239)	On-Peak	0.00601		
	Off-Peak	0.00583		
LPS - Secondary (302)		0.00002	\$12.01	\$1.15
LPS - Primary (306)		0.00002	\$11.61	\$1.11
LPS - Subtransmission (308) (309)		0.00002	\$11.55	\$1.11
LPS - Transmission (310)		0.00002	\$11.57	\$1.09
OL (093 to 143)		0.00027		

FRR-QAD 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
SGS - (211F,213F,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)		0.02506	\$1.91	\$0.76
MGS - Transmission (239F)		0.02561	\$1.88	\$0.75
GS-Secondary (261F)	Block 1	0.02755		
	Block 2	0.02616	\$1.99	\$0.79
GS-Primary (263F)	Block 1	0.02616	\$1.92	\$0.76
	Block 2	0.00626		
GS-Subtransmission (265F)	Block 1	0.02506		
	Block 2	0.00623	\$1.91	\$0.76
GS-Transmission (267F)	Block 1	0.02561		
	Block 2	0.00609	\$1.88	\$0.75
LPS - Secondary (302F)		0.00002	\$12.01	\$1.15
LPS - Primary (306F)		0.00002	\$11.61	\$1.11
LPS - Subtransmission (308F) (309F)		0.00002	\$11.55	\$1.11
LPS - Transmission (310F)		0.00002	\$11.57	\$1.09

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
e4 Statement 6 Billing Determinants
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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		
			Growth & Weather Adjusted Loss OAD			Energy Demand		Energy Demand Excess Off - Peak		
			Energy	Demand	Excess Off - Peak	Energy	Demand	Energy	Demand	Excess Off - Peak
1	11, 12, 13, 14	RS-LMWH	18,286,220	N/A	N/A	1.0000	1.0000	18,286,220	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	106,381	N/A	N/A	1.0000	1.0000	106,381	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	098	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	572,955	N/A	N/A	1.0000	1.0000	572,955	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	106	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 PTV, 250 W	467,794	N/A	N/A	1.0000	1.0000	467,794	0	0
21	117	9500 MON	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	9500 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	336,862	N/A	N/A	1.0000	1.0000	336,862	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	297,859	N/A	N/A	1.0000	1.0000	297,859	0	0
42	156	300W LEDOH	115,691	N/A	N/A	1.0000	1.0000	115,691	0	0
43	157	300W LEDUG	31,199	N/A	N/A	1.0000	1.0000	31,199	0	0
44	158	65W LPTUG	36,984	N/A	N/A	1.0000	1.0000	36,984	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 UMTRO	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	208,957	511	0.9494	0.9662	32,092,280	199,957	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	24,989,123	103,831	N/A	1.0000	1.0000	24,989,123	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	2,486,934	12,875	0
61	239	MGS TRAN	881,000	8,320	0	0.9295	0.9463	800,284	7,873	0
62	281	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	0	-	0	0.9459	0.9614	0	0	0
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	411,778,199	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
73	386	LGS Trans	0	-	0	0.9295	0.9463	0	0	0
56	Total KWH (Line 1 - 71)		13,351,988,789	14,823,941	154,508			13,137,616,481	14,648,413	148,903

¹ Loss factor per 2023 Triennial Filing

-1 Check (SB 0)

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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
a4 Statement 6 Billing Determinants
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		
			Growth & Weather Adjusted Less OAD							
			Energy	Demand	Excess Off - Peak	Energy	Demand	Energy	Demand	Excess Off - Peak
<u>General Service</u>										
			Test Year Data			GS Units at Secondary				
		<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		5,568,816		
		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)		24,550,633	36,846,584			24,550,633	36,846,584

Notes

¹ Loss factor per 2023 Triennial Filing

2025.12.09.13

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
ER20-2762	10/16/2020	PUR-2021-00018	20201016-er20-2762-000.pdf (ferc.com)
ER20-1913	8/17/2020	PUR-2021-00018	20200817-er20-1913-000.pdf (ferc.com)
ER20-1883	8/17/2020	PUR-2021-00018	20200817-er20-1883-000.pdf (ferc.com)
ER20-1258	5/29/2020	PUR-2021-00018	https://efile.ferc.gov/efile/efileDocument.asp?fileID=14954520&accessionnumber=20200529-20-276
ER20-738	3/16/2020	PUR-2021-00018	20200316-er20-738-000.pdf (ferc.com)
ER19-2708	2/1/2020	PUR-2021-00018	20200221-er19-2708-000.pdf (ferc.com)
ER20-262	1/21/2020	PUR-2021-00018	20200122-er20-262-000.pdf (ferc.com)
ER19-7708	1/25/2019	PUR-2021-00018	20191125-er19-7708-000.pdf (ferc.com)
ER19-1301	6/11/2019	PUR-2021-00018	20190611-er19-1301-000.pdf (ferc.com)
ER19-772	3/12/2019	PUR-2021-00018	20190312-er19-772-000 (LOA).pdf (ferc.com)
ER19-276	1/21/2019	PUR-2021-00018	20190121-er19-276-000 (LOA).pdf (ferc.com)
ER18-1350	11/27/2018	PUR-2021-00018	20181127-er18-1350-000 (order).pdf (ferc.com)
ER18-1578	8/7/2018	PUR-2021-00018	20180807-er18-1578-000 (order).pdf (ferc.com)
ER18-1131	5/2/2018	PUR-2021-00018	20180502-er18-1131-000 (LOA).pdf (ferc.com)
ER18-313	1/30/2018	PUR-2021-00018	20180130-er18-313-000 (LOA).pdf (ferc.com)
ER17-2362	11/16/2017	PUR-2021-00018	20171116-er17-2362-000 (order).pdf (ferc.com)
ER17-1420	10/5/2017	PUR-2021-00018	20171005-er17-1420-000 end_001 (order).pdf (ferc.com)
ER17-1236	6/1/2017	PUR-2021-00018	20170601-er17-1236-000 (LOA).pdf (ferc.com)
ER17-1016	4/26/2017	PUR-2021-00018	20170426-er17-1016-000 (LOA).pdf (ferc.com)
ER15-758	2/24/2016	PUR-2021-00018	https://efile.ferc.gov/efile/efileDocument.asp?fileID=14431906
ER15-596	3/7/2015	PUR-2021-00018	https://efile.ferc.gov/efile/efileDocument.asp?fileID=14307237
ER14-972	4/9/2014	PUR-2021-00018	https://efile.ferc.gov/efile/efileDocument.asp?fileID=14702478
ER14-1485	11/7/2013	PUR-2021-00018	https://efile.ferc.gov/efile/efileDocument.asp?fileID=14172513&accessionnumber=20131107-13-3021
ER14-274	1/15/2014	PUR-2021-00018	https://efile.ferc.gov/efile/efileDocument.asp?fileID=14156565
ER14-2697	10/1/2014	PUR-2021-00018	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER13-1178	7/18/2013	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER13-121	3/22/2013	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER13-1102	2/19/2013	PUR-2013-00018	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER13-703	3/7/2013	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER13-673	2/12/2013	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER13-397	2/5/2013	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER13-36	1/31/2013	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER13-1178	11/29/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER12-2440	11/7/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER12-2671	10/23/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER12-2788	9/7/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER12-2412	9/19/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER12-2438	9/7/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER12-1810	8/13/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER12-1700	7/30/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER06-456	6/7/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=13708642
ER06-954	See ER06-456-6/21/2011	PUE-2013-00111	
ER06-1271	See ER06-456-6/21/2011	PUE-2013-00111	
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ER06-880	See ER06-456-6/21/2012	PUE-2013-00111	
ER07-57	See ER06-456-6/21/2012	PUE-2013-00111	
ER07-1188	See ER06-456-6/21/2012	PUE-2013-00111	
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ER08-1065	See ER06-456-6/21/2012	PUE-2013-00111	
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ER10-268	See ER06-456-6/21/2012	PUE-2013-00111	
ER11-1661	5/13/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER11-1511	5/17/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER12-1178	4/30/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER12-773	4/4/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER05-121	3/30/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER11-1130	3/7/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER12-445	2/15/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER12-745	2/7/2012	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER11-4379	11/8/2011	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER11-4367	10/20/2011	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER11-1016	5/4/2011	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER11-7140	4/21/2011	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER11-1622	3/31/2011	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER11-2578	2/7/2011	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER10-549	9/2/2010	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER10-907	6/15/2010	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER10-549	5/21/2010	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER05-121	3/7/2010	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER06-37	3/5/2010	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
ER10-528	2/17/2010	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12997613
Regional Transmission Expansion Plan			
ER10-268	2/12/2010	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12263578
ER05-121	1/21/2010	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12263578
ER06-37	11/24/2009	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12263578
ER06-456	11/19/2009	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12263578
ER06-954	See ER06-456-11/19/2009	PUE-2013-00111	
ER06-1271	See ER06-456-11/19/2009	PUE-2013-00111	
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ER07-57	See ER06-456-11/19/2009	PUE-2013-00111	
ER09-497	9/17/2009	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12148325
ER06-456	9/3/2009	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12117890
ER06-880	See ER06-456-9/3/2009	PUE-2013-00111	
ER06-954	See ER06-456-9/3/2009	PUE-2013-00111	
ER06-1271	See ER06-456-9/3/2009	PUE-2013-00111	
ER07-424	See ER06-456-9/3/2009	PUE-2013-00111	
ER07-54	See ER06-456-9/3/2009	PUE-2013-00111	
ER09-497	7/2/2009	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12072153
ER09-913	5/22/2009	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12072153
ER06-37	5/21/2009	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12072153
ER06-954	4/28/2009	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=12072153
ER06-1271	See ER06-954-4/28/2009	PUE-2013-00111	
ER07-424	See ER06-954-4/28/2009	PUE-2013-00111	
ER05-121	See ER06-954-4/28/2009	PUE-2013-00111	
ER06-456	See ER06-954-4/28/2009	PUE-2013-00111	
ER06-880	See ER06-456-4/10/2009	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=11988747
ER06-1271	See ER06-456-4/10/2009	PUE-2013-00111	
ER07-424	See ER06-456-4/10/2009	PUE-2013-00111	
ER07-57	See ER06-456-4/10/2009	PUE-2013-00111	
ER06-880	See ER06-456-4/10/2009	PUE-2013-00111	
ER09-497	4/3/2009	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=11988747
ER08-1065	3/19/2009	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=11988747
ER06-1474	2/20/2009	PUE-2013-00111	https://efile.ferc.gov/efile/efileDocument.asp?fileID=11988747

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Regional Transmission Expansion Plan			
ER09-484	2/20/2009	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1946388
ER09-427	7/13/2009	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1938387
ER09-456	1/28/2009	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1917385
ER08-954	See ER06-456-1/18/2009	PUE-2013-00111	
ER07-411	See ER06-456-1/18/2009	PUE-2013-00111	
ER07-424	See ER06-456-1/18/2009	PUE-2013-00111	
ER07-507	See ER06-456-1/18/2009	PUE-2013-00111	
ER06-880	See ER06-456-1/18/2009	PUE-2013-00111	
ER05-6	13/19/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1883240
ER04-135	See ER05-6-11/19/2008	PUE-2013-00111	
ER04-111	See ER05-6-11/19/2008	PUE-2013-00111	
ER04-212	See ER05-6-11/19/2008	PUE-2013-00111	
ER04-101	See ER05-6-11/19/2008	PUE-2013-00111	
ER06-456	10/15/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1830677
ER06-954	See ER06-456-10/15/2008	PUE-2013-00111	
ER06-1271	See ER06-456-10/15/2008	PUE-2013-00111	
ER06-954	10/17/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1833395
ER06-1271	9/18/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1809476
ER06-954	See ER06-456-9/18/2008	PUE-2013-00111	
ER07-424	See ER06-456-9/18/2008	PUE-2013-00111	
ER06-1271	9/18/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1809477
ER06-1271	9/18/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1809477
ER06-456	7/79/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1763381
ER06-954	See ER06-456-7/28/2008	PUE-2013-00111	
ER06-1271	See ER06-456-7/28/2008	PUE-2013-00111	
ER07-424	See ER06-456-7/28/2008	PUE-2013-00111	
ER07-507	See ER06-456-7/28/2008	PUE-2013-00111	
ER06-880	See ER06-456-7/28/2008	PUE-2013-00111	
ER05-121	7/17/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1753017
ER08-837	7/10/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1746184
ER07-1188	7/1/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1727707
ER08-1474	4/17/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1682433
ER08-159	3/11/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1584763
ER08-350	3/6/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1572938
ER04-135	1/3/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1557423
ER02-111	See ER04-135-01/31/2008	PUE-2013-00111	
ER02-217	See ER04-135-01/31/2008	PUE-2013-00111	
ER05-6	See ER04-135-01/31/2008	PUE-2013-00111	
ER05-1	1/31/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1575084
ER07-101	1/31/2008	PUE-2013-00111	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1575084
ER05-6	See ER07-101-1/31/2008	PUE-2013-00111	
ER04-135	See ER07-101-1/31/2008	PUE-2013-00111	
ER02-111	See ER07-101-1/31/2008	PUE-2013-00111	
ER02-217	See ER07-101-1/31/2008	PUE-2013-00111	
ER11-1511	5/17/2012	PUE-2013-00111	
ER14-972	6/18/2015	PUE-2015-00086	http://efery.ferc.gov/dms/common/openmat.asp?fileID=12995558
ER14-1394	4/9/2014	PUE-2015-00086	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1302748
ER14-274	4/23/2014	PUE-2015-00086	http://efery.ferc.gov/dms/common/openmat.asp?fileID=1305930
ER14-274	1/5/2014	PUE-	

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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
61-72-7-203	11/9/2022		https://elibrary.ferc.gov/elibrary/file?fileAccession_number=20221109-26549&optimized=false
61-72-7-204	5/12/2022		https://elibrary.ferc.gov/elibrary/file?fileAccession_number=20220512-30178&optimized=false
61-72-7-205	1/31/2023		https://elibrary.ferc.gov/elibrary/file?fileAccession_number=20230131-30628&optimized=false
61-72-7-206	4/4/2023		https://elibrary.ferc.gov/elibrary/file?fileAccession_number=20230404-20718&optimized=false
61-72-7-207	3/21/2023		https://elibrary.ferc.gov/elibrary/file?fileAccession_number=20230321-30888&optimized=false

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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
Attachment H General			
ER11-1801	3/31/2011	PUE-2013-00111	http://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=1602864
ER10-2710	12/20/2010	PUE-2013-00111	http://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=12514316
Attachment H-1: Atlantic City Electric Co.			
ER12-2111	8/31/2012		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210831-20218&optimized=false
ER12-2965	12/16/2011	PUR-2022-00314	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20211116-3052
ER19-18	4/26/2019	PUR-2021-00018	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210426-18-0001-001-002.pdf%20(m.com)
ER10-1187	5/5/2010	PUR-2021-00018	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210505-10-0001-001-002.pdf%20(m.com)
ER05-515	10/17/2013	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER07-913	7/31/2007	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER08-1423	1/8/2009	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
Attachment H-2: Baltimore Gas & Electric Co.			
ER05-515	10/17/2013	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER12-306	5/18/2012	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER09-745	5/29/2009	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER08-974	9/10/2008	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER07-976	6/13/2008	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER07-576	4/9/2008	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER15-536	1/30/2015	PUE-2015-00086	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER15-536	6/5/2015	PUE-2015-00086	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER15-950	3/13/2015	PUE-2015-00086	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER15-2331	9/30/2015	PUR-2017-00164	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER16-456	7/6/2016	PUR-2017-00164	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER16-456	4/18/2016	PUR-2017-00164	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER16-456	3/28/2016	PUR-2017-00164	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER20-1929	10/9/2020		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210909-20458&optimized=false
ER20-1929	See ER20-1929 - 10/9/20		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210909-20458&optimized=false
ER20-1929	12/9/2020		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210909-20458&optimized=false
ER20-1929	12/31/2020		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210909-20458&optimized=false
ER20-1929	7/30/2021		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210909-20458&optimized=false
Attachment H-3: Delmarva Power and Light Co.			
ER05-515	10/17/2013	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER07-914	8/17/2007	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER08-1423	1/8/2009	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER13-607	7/28/2013	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER09-1150	9/20/2017	PUR-2017-00164	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER20-2198	8/31/2020		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210831-20218&optimized=false
ER20-2198	8/22/2020		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210831-20218&optimized=false
ER21-2965	12/16/2021		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20211216-3052
ER21-2965	8/31/2022		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210831-20218&optimized=false
Attachment H-4: PECO			
ER17-1519	6/27/2017	PUR-2017-00164	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14623278
ER17-1519	6/28/2017	PUR-2017-00164	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14623278
ER19-124	12/4/2018	PUR-2022-00314	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210831-20218&optimized=false
ER20-1383	7/6/2020	PUR-2022-00314	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210831-20218&optimized=false
ER21-1530	4/30/2021	PUR-2022-00314	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210831-20218&optimized=false
ER21-1530	11/2/2021		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210831-20218&optimized=false
ER21-2965-000	12/16/2021	PUR-2022-00314	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20211216-3052
ER21-2965-000	See ER21-2965-000 - 12/16/2021		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20211216-3052
ER22-1113	5/2/2022		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20220502-20048&optimized=false
Attachment H-5: PPL			
ER12-1392	5/23/2012	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=12891693
ER13-1926	4/1/2013	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=13212126
ER13-2360	10/4/2013	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=13261244
ER13-2410	11/15/2013	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=13272455
ER13-3057	3/31/2011	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=12601850
ER10-1209	6/10/2010	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=12364555
ER10-153	12/23/2009	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=12265833
ER08-1457	8/21/2009	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=12341382
ER08-1457	3/10/2009	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=11961133
ER08-1457	10/29/2008	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=11842172
ER08-23	9/5/2008	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=11797711
ER08-73	4/21/2008	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=11655589
ER15-1488	5/20/2015	PUE-2015-00086	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=13281440
ER18-22	12/5/2017	PUR-2017-00164	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14721189
Attachment H-6: UGI Utilities, Inc.			
ER14-1963	5/14/2014	PUE-2015-00086	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=13545522
ER20-1831	2/18/2022		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20220218-20716&optimized=false
ER21-1931	6/29/2021	PUR-2022-00314	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210629-20217
ER21-1931	9/14/2022		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20220914-20708&optimized=false
Attachment H-9: PECO			
ER19-18	4/26/2019	PUR-2021-00018	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210426-19-0001-001-002.pdf%20(m.com)
ER05-515	10/17/2013	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER08-1423	1/8/2009	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER07-912	8/17/2007	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER13-607	7/28/2013	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14377888
ER13-607	2/18/2014	PUE-2015-00086	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=13474172
ER15-732	4/24/2014	PUE-2015-00086	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=13252340
ER15-732	2/5/2015	PUE-2015-00086	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=13265798
ER15-732	7/5/2015	PUE-2015-00086	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=13265798
ER15-1374	4/27/2015	PUE-2015-00086	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=13364499
ER17-1916	8/1/2017	PUR-2017-00164	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=14649528
ER21-2020	7/30/2021		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20210730-20478&optimized=false
ER21-2020	8/16/2022		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20220816-20748&optimized=false
ER21-2020	See ER21-83-001 - 8/16/22		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20220816-20748&optimized=false
ER21-2020	See ER21-83-001 - 8/16/22		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20220816-20748&optimized=false
ER21-2020	12/8/2022		https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=20221208-20758&optimized=false
Attachment H-10: Public Service Electric & Gas Co.			
ER09-1257	2/2/2010	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=12252715
ER12-2274	8/30/2013	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.asp?fileID=13241326
ER12-2296	5/9/2012	PUE-2013-00111	https://elibrary.ferc.gov/dmws/common/openmat.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
ER12-288	12/30/2011	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12854335
ER11-3352	9/9/2011	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12758461
ER11-3352-000	6/13/2013	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12793371
ER11-3355-001	See ER11-3352-000 4/13/2011	PUR-2013-00111	
ER11-2662	2/9/2011	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12558418
ER11-1855	12/30/2010	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12522877
ER10-153	12/30/2009	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12372128
ER08-1333	9/30/2008	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=11189952
ER11-1605	5/17/2014	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13554703
	8/20/2014	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13618062
	5/10/2016	PUR-2017-00164	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14741324
ER11-621	1/15/2014	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13438237
ER15-2397	10/7/2015	PUR-2017-00164	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14900438
ER16-619	2/18/2016	PUR-2017-00164	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14169918
ER22-81	12/2/2021	PUR-2022-00014	https://elibrary.ferc.gov/elibrary/fileref/decision_numbers/2022112022022022imrdefalse
Attachment H-11: Allegheny Power			
ER21-253	12/31/2020	PUR-2021-00018	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14919388
ER20-1036	3/25/2020	PUR-2021-00018	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14700474
ER12-406	12/13/2011	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12837558
ER10-1152	6/29/2010	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12375784
ER10-248	1/7/2010	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12237317
ER08-1776	11/20/2009	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12202105
ER08-158	12/16/2008	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=11878748
ER16-1514	5/27/2016	PUR-2017-00164	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14258673
ER16-1513	5/27/2016	PUR-2017-00164	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14258673
ER17-986	3/30/2017	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14532182
Attachment H-13A: Commonwealth Edison Company			
ER19-5	4/10/2020	PUR-2021-00018	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14700474
ER19-876	3/14/2019	PUR-2021-00018	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14301114
ER14-1708	5/28/2014	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13556090
	8/14/2014	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13614837
	5/14/2014	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13545382
ER14-1203	3/19/2014	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13487426
ER15-1515	5/13/2015	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13474587
ER15-959	3/30/2015	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13315914
ER16-52	1/24/2015	PUR-2017-00164	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14053220
ER12-3331	7/6/2016	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14291408
ER16-969	4/1/2016	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14181895
ER16-1269	5/13/2016	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14248483
ER17-863	3/13/2017	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14517322
ER20-379	1/8/2020	PUR-2022-00014	https://elibrary.ferc.gov/elibrary/fileref/decision_numbers/2020040820200408imrdefalse
ER21-1-2	4/19/2022		https://elibrary.ferc.gov/elibrary/fileref/decision_numbers/2022041920220419imrdefalse
ER21-1-19	6/30/2022		https://elibrary.ferc.gov/elibrary/fileref/decision_numbers/2022063020220630imrdefalse
ER21-534	3/21/2023		https://elibrary.ferc.gov/elibrary/fileref/decision_numbers/2023032120230321imrdefalse
Attachment H-14: AEP East			
ER13-1041	4/12/2013	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13334278
ER12-1325	5/2/2012	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12724233
ER10-3054	5/13/2010	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12550520
ER09-1200	2/19/2010	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12388572
ER08-1319	3/13/2009	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=11865076
ER14-1375	3/25/2014	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13491704
ER14-1203	4/29/2014	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13329912
ER15-1252	6/24/2015	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13311029
ER16-646	4/15/2016	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14233894
ER17-405	3/10/2017	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14515802
ER17-137	9/18/2020		https://elibrary.ferc.gov/elibrary/fileref/decision_numbers/2020091820200918imrdefalse
ER17-137-1	9/29/2020		https://elibrary.ferc.gov/elibrary/fileref/decision_numbers/2020092920200929imrdefalse
ER17-137-2	7/14/2021		https://elibrary.ferc.gov/elibrary/fileref/decision_numbers/2021071420210714imrdefalse
ER17-137-3	3/2/2023		https://elibrary.ferc.gov/elibrary/fileref/decision_numbers/2023030220230302imrdefalse
Attachment H-15: The Dayton Power & Light Co.			
ER20-1150	5/1/2020	PUR-2021-00018	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14857211
ER10-243	9/28/2015	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13979716
ER21-2564	10/5/2021	PUR-2022-00014	https://elibrary.ferc.gov/elibrary/fileref/decision_numbers/2021100520211005imrdefalse
ER21-1-2	3/3/2023		https://elibrary.ferc.gov/elibrary/fileref/decision_numbers/2023030320230303imrdefalse
Attachment H-16: Dominion			
ER19-2714	10/28/2019	PUR-2021-00018	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14301114
ER19-839	2/23/2016	PUR-2021-00018	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14301114
ER08-1540	7/16/2009	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12083358
ER10-557	2/26/2010	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12372128
ER10-49	5/18/2010	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12372128
ER12-1035	See ER10-49 5/18/2012	PUR-2013-00111	
ER11-1944	12/14/2010	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12510640
ER10-68	1/1/2010	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=12324443
ER08-92	12/15/2008	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=11877082
ER09-204	12/30/2008	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=11891581
ER08-1207	8/29/2008	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=11791922
ER09-92	4/29/2008	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=11664015
ER07-1071	2/8/2008	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=11587082
ER14-1831	6/17/2014	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13531528
	9/26/2016	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14498442
	2/23/2016	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14151721
ER14-1549	4/23/2014	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13573313
ER15-1487	5/21/2015	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13882539
ER15-1504	5/21/2015	PUR-2015-00086	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=13882571
ER15-1386	9/25/2015	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14292612
ER16-395	5/20/2016	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14272829
ER16-1116	8/2/2016	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14321615
ER17-479	1/25/2017	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14471003
ER17-714	2/28/2017	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14504555
ER17-1417	5/31/2017	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14603072
ER17-1417	5/30/2017	PUR-2017-00164	https://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=14603072
ER21-1-2	See ER20-1085-002 -3/21/2023		
ER21-2518	See ER20-1085-002 -3/21/2023		
ER21-2518	9/21/2021	PUR-2022-00014	https://elibrary.ferc.gov/elibrary/fileref/decision_numbers/2021092120210921imrdefalse
ER21-1-2	6/24/2022		https://elibrary.ferc.gov/elibrary/fileref/decision_numbers/2022062420220624imrdefalse
ER21-1-2	9/29/2022		https://elibrary.ferc.gov/elibrary/fileref/decision_numbers/2022092920220929imrdefalse
ER21-1-2	10/4/2022		https://elibrary.ferc.gov/elibrary/fileref/decision_numbers/2022100420221004imrdefalse
Attachment H-17: Duquesne Light Co.			
ER08-1402	10/10/2008	PUR-2013-00111	http://elibrary.ferc.gov/dmvs/common/openmat.asp?fileID=11877666

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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
ER06-109	5/9/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=11678314
ER14-1549	See E105-109 03/19/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13506256
ER14-1258	4/7/2014	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER15-1202	4/7/2015	PUE-2015-00086	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER15-1202	7/13/2022		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER15-1202	See ER20-1830-000 - 7/13/22		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
Attachment H-18: TrailCo			
ER07-562	2/2/2012	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=12881801
ER10-1243	7/7/2010	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=12381607
ER11-4574	11/17/2011	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=12670182
ER11-3064	5/13/2011	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=12689223
ER09-1151	6/18/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=12049663
ER09-590	3/30/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=12783333
ER09-600	3/6/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=12783333
ER08-953	7/8/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=12783333
ER15-1202	8/31/2022		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER15-1202	See ER20-1830-000 - 3/31/22		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER15-1202	8/30/2022		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
Attachment H-19: PATH			
ER11-2801 and ER11-3057	3/31/2011	PUR-2020-00018	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=139055498
ER02-1256	6/5/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13274765
ER12-2708	6/5/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13274765
ER12-2708	3/1/2013	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13124447
ER12-2708	11/30/2012	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13124447
ER12-1259	6/7/2012	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13274765
ER10-1383	7/7/2010	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=12811515
ER09-1225	7/9/2009	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=12077759
ER08-386	2/29/2008	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=11509756
ER12-2708	1/25/2017	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=14531513
ER15-1202	4/27/2022		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER15-1202	See ER20-1948-000 - 4/27/22		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER15-1202	11/14/2022		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
H-20: AEP TransCo			
ER11-2801		PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=12744651
ER11-3586	8/5/2011	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=12874935
ER12-1255	5/30/2012	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=12521484
ER10-355	4/21/2011	PUE-2013-00111	http://elibrary.ferc.gov/dms/common/openurl.asp?fileID=12521484
ER16-646	4/15/2016	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=14338824
ER17-406	3/10/2017	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=14338824
ER21-735	2/16/2021	PUE-2021-00018	https://www.ferc.gov/dms/common/openurl.asp?fileID=14338824
ER21-2708	8/13/2021	PUE-2021-00018	https://www.ferc.gov/dms/common/openurl.asp?fileID=14338824
ER22-1714	7/14/2022		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER22-1714	3/2/2023		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER22-1714	3/30/2023		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
H-21: ATSI			
ER15-1202	6/23/2023		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER15-1202	See ER20-1739-000 - 2/16/23		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER15-1202	See ER20-1739-000 - 2/16/23		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER15-303	2/16/2023	PUE-2015-00086	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER15-61	12/5/2014	PUE-2015-00086	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER15-303	10/29/2015	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=14031940
ER11-2815	5/31/2011	PUR-2021-00018	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
H-22: Duke Energy Ohio and Duke Energy Kentucky			
ER10-555	7/24/2010	PUR-2021-00018	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=14239265
ER12-91	4/16/2014	PUE-2015-00086	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13841937
ER11-91	5/14/2014	PUE-2015-00086	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13877162
ER15-1932	7/24/2015	PUE-2015-00086	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13838862
ER20-1832	6/23/2022		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER20-1832	1/20/2022	PUR-2022-00014	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER21-1450	5/14/2021	PUE-2021-00018	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER22-1714	5/2/2022		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER22-1714	1/13/2023		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER22-1714	3/21/2023		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
H-24: East Kentucky Power Cooperative, Inc.			
ER13-1177	5/22/2013	PUR-2021-00018	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER17-1181	8/5/2022		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
H-26: Transource West Virginia			
ER15-2114	9/4/2015	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13979917
ER15-2114	3/74/2017	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13979917
ER17-1181	3/17/2023		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
H-28: Mid-Atlantic Interstate Transmission, LLC			
ER17-214	1/26/2017	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=14473213
ER17-216	1/26/2017	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=14473213
ER20-1832	2/16/2023		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER20-1832	See ER20-1951-000 - 2/16/23		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
ER20-1832	See ER20-1951-000 - 2/16/23		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
H-29: Transource Pennsylvania			
ER17-419	1/31/2017	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=14473213
ER17-419	3/17/2023		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
H-30: Transource Maryland			
ER17-419	1/31/2017	PUR-2017-00164	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=14473213
ER17-419	3/16/2023		https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=13854512
H-31: Ohio Valley Electric Corporation			
ER18-459	2/13/2018	PUR-2021-00018	https://elibrary.ferc.gov/dms/common/openurl.asp?fileID=14473213
H-32: AMPT			

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Docket	Order Date	Originally Provided In Case:	Link to FERC Ruling
ER19-263	3/26/2019	PUR-2021-00018	https://elibrary.ferc.gov/elibrary/ferc/decision_number/20210930-20198optimizedfalse
ER20-2942	10/30/2020	PUR-2022-00014	https://elibrary.ferc.gov/elibrary/ferc/decision_number/20221230-20118optimizedfalse
ER21-274	12/30/2022		
Schedule 9/Other			
ER14-174	9/28/2011	PUE-2013-00111	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=12774777
ER09-1775	12/16/2009	PUE-2013-00111	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=12222024
ER09-366	1/17/2009	PUE-2013-00111	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=11308570
ER09-18	12/4/2008	PUE-2013-00111	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=11578182
ER08-528	3/12/2008	PUE-2013-00111	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=11509049
ER12-1761	7/9/2012	PUE-2013-00111	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=12024223
ER12-1095	5/9/2012	PUE-2013-00111	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=12978499
ER11-1908	4/10/2011	PUE-2013-00111	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=11939514
ER10-073	7/11/2010	PUE-2013-00111	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=11394177
ER10-478	2/4/2010	PUE-2013-00111	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=11226165
ER07-19	11/30/2006	PUE-2013-00111	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=11154538
ER16-561	7/29/2016	PUR-2017-00164	https://elibrary.ferc.gov/ferc/common/decision.asp?fileID=14158020
ER16-561	12/21/2016	PUR-2017-00164	https://elibrary.ferc.gov/ferc/common/decision.asp?fileID=14447691
ER17-249	12/22/2016	PUR-2017-00164	https://elibrary.ferc.gov/ferc/common/decision.asp?fileID=14442210
ER18-1905	8/30/2018	PUR-2022-00014	https://elibrary.ferc.gov/elibrary/ferc/decision_number/20210116-20118optimizedfalse
ER21-274	12/16/2020	PUR-2022-00014	https://elibrary.ferc.gov/elibrary/ferc/decision_number/20211201-20118optimizedfalse
ER23-26	12/1/2023	PUR-2022-00014	https://elibrary.ferc.gov/elibrary/ferc/decision_number/20221109-20118optimizedfalse
ER22-26-000 - 11/8/22	11/8/2022		https://elibrary.ferc.gov/elibrary/ferc/decision_number/20220209-20015optimizedfalse
ER22-26-000 - 11/8/22	See ER22-26-000 - 11/8/22		
ER22-26-000 - 11/8/22	2/9/2023		
Section 34			
ER02-121	3/12/2003	PUE-2013-00111	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=9456492
Order 1000 Compliance			
ER13-198-000	3/22/2013	PUE-2013-00111	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=12212568
	6/22/2015	PUE-2015-00086	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=13902550
	1/22/2015	PUE-2015-00086	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=13747807
	1/16/2014	PUE-2015-00086	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=13588733
	6/15/2014	PUE-2015-00086	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=13547082
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	
ER13-1943	12/18/2014	PUE-2015-00086	http://elibrary.ferc.gov/ferc/common/decision.asp?fileID=13715494
	10/28/2016	PUR-2017-00164	https://elibrary.ferc.gov/ferc/common/decision.asp?fileID=14356114
ER13-1941	9/11/2015	PUR-2017-00164	https://elibrary.ferc.gov/ferc/common/decision.asp?fileID=13972093
ER13-1936	1/23/2015	PUE-2015-00086	https://elibrary.ferc.gov/ferc/common/decision.asp?fileID=13748443
Other Billing Information:			
PJM Billing Guide			https://www.pjm.com/markets-and-operations/billing/settlements-and-credits/billing-to-billing.aspx
QATT Formula Rates			https://www.pjm.com/markets-and-operations/billing/settlements-and-credits/formula-rates