

APCo Exhibit No. \_\_\_\_\_  
Witness: JNC

**DIRECT TESTIMONY OF  
JACLYN N. COST  
FOR APPALACHIAN POWER COMPANY  
IN VIRGINIA S.C.C. CASE NO. PUR-2025-00049**

APCo Exhibit No. \_\_\_\_\_  
Witness: JNC

**SUMMARY OF DIRECT TESTIMONY OF  
JACLYN N. COST**

In my testimony, I:

- Calculate the revenue requirement of \$68,933,091, which is comprised of a review period recovered through January 2025, the Bridge Period that covers the remainder of the Rate Year in the 2024 VCEA proceeding (February 2025 through February 2026) and forecasted costs associated with approved projects as well as proposed projects, for the Rate Year in this proceeding (March 2026 through February 2027);
- Explain how I have complied with the RPS Cost Allocation Order in allocating VCEA-related costs to the Company's customers;
- Discuss the jurisdictional allocation factors used to allocate the revenue requirement to the Virginia retail jurisdiction and the calculation of the proposed rates that have been designed to recover the revenue requirement being requested in this filing;
- Sponsor the Amherst, Top Hat and Grover Hill cost of service study;
- Sponsor the typical bill comparison; and
- Sponsor the NBC Rate Calculation.

**DIRECT TESTIMONY OF  
JACLYN N. COST  
FOR APPALACHIAN POWER COMPANY  
IN VIRGINIA S.C.C. CASE NO. PUR-2025-00049**

- 1   **Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS, AND POSITION.**
- 2   A. My name is Jaclyn N. Cost. I am employed by AEPSC as a Regulatory Consultant Staff  
3       within Regulatory Pricing and Analysis. My business address is 1 Riverside Plaza,  
4       Columbus, Ohio 43215. AEPSC is a wholly-owned subsidiary of AEP, the parent  
5       company of APCo (or the Company).
- 6   **Q. PLEASE SUMMARIZE YOUR EDUCATIONAL BACKGROUND AND  
7       BUSINESS EXPERIENCE.**
- 8   A. I graduated from Walsh University with a Bachelor of Arts degree in Accounting and  
9       Finance in 2013. I began my career as an Accountant for Innovative Mattress Solutions  
10      (IMS) where I performed various reconciling duties for each of the company's retail  
11      stores. After IMS I accepted an Accounting position with AEPSC within the Fuel  
12      department of Utility and Energy Accounting. In 2017 I accepted a position in  
13      Regulatory working within the Pricing and Analysis team where I hold my current role.
- 14   **Q. HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY AS A WITNESS  
15      BEFORE ANY REGULATORY COMMISSION?**
- 16   A. Yes. I submitted testimony to this Commission in Case Nos. PUR-2021-00236, PUR-  
17      2023-00002, PUR-2024-00024 and PUR-2024-00168. I have also submitted testimony  
18      on behalf of KPCo for the Kentucky Public Service Commission.
- 19   **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**
- 20   A. The purpose of my testimony is to sponsor the Rate Year revenue requirement of  
21      \$68,933,091 for the period March 2026 through February 2027. The Rate Year revenue

1 requirement consists of the under-recovery of costs through January 2025 in the amount  
 2 of \$7,938,940, the Bridge Period revenue requirement of \$6,127,330 for the period  
 3 February 2025 through February 2026, and the 2026 VCEA Rate Year revenue  
 4 requirement of \$54,866,821. In total, the Company's 2025 VCEA revenue requirement is  
 5 \$19,960,471 recovered through the A.6 RPS RAC, \$44,002,960 recovered through the  
 6 A.5 RPS RAC, and \$4,969,660 recovered through the A.5 PCAP RAC. A breakdown of  
 7 the RPS RACs by period in Table 1 below.

**Table 1. Rate Year revenue requirement by period**

	A.6 RPS RAC	A.5 RPS RAC	A.5 PCAP RAC	Total
Actuals through Jan 2025	\$603,975	\$7,162,647	\$172,318	\$7,938,940
Bridge Period (Feb 2025 - Feb 2026)	\$3,173,722	\$2,049,883	\$903,725	\$6,127,330
VCEA Rate Year (March 2026 – Feb 2027)	\$16,182,774	\$34,790,430	\$3,893,617	\$54,866,821
<b>Total Revenue Requirement</b>	<b>\$19,960,471</b>	<b>\$44,002,960</b>	<b>\$4,969,660</b>	<b>\$68,933,091</b>

8 **Q. ARE YOU SPONSORING ANY EXHIBITS IN THIS PROCEEDING?**

9 **A.** Yes. I am sponsoring:

- 10 • APCo Exhibit No. \_\_\_\_ (JNC) Schedule 1 – Amherst Cost of Service
- 11 • APCo EXTRAORDINARILY SENSITIVE Exhibit No. \_\_\_\_ (JNC) Schedule 2 – Top
- 12 Hat Cost of Service
- 13 • APCo EXTRAORDINARILY SENSITIVE Exhibit No. \_\_\_\_ (JNC) Schedule 3 –
- 14 Grover Hill Cost of Service
- 15 • APCo Exhibit No. \_\_\_\_ (JNC) Schedule 4 – Typical Bill Comparison
- 16 • APCo Exhibit No. \_\_\_\_ (JNC) Schedule 5 – NBC Rate Calculation
- 17 • APCo EXTRAORDINARILY SENSITIVE Exhibit No. \_\_\_\_ (JNC) Schedule 6 –
- 18 LCOE Summary

19 **Q. ARE YOU SPONSORING ANY SCHEDULES IN THIS PROCEEDING?**

20 **A.** Yes. I am sponsoring:

- 21 • Schedule 46 (c)(1)(i), Statement 1 A.5 - RPS RAC

- 1     • Schedule 46 (c)(1)(i), Statement 2 A.5 - PCAP RAC
- 2     • Schedule 46 (c)(1)(i), Statement 3 A.6 - RPS RAC
- 3     • Schedule 46 (c)(1)(iv), Statement 1 A.5 – RPS RAC Revenue Requirement  
4         Calculation
- 5     • Schedule 46 (c)(1)(iv), Statement 2 A.5 – PCAP RAC Revenue Requirement  
6         Calculation
- 7     • Schedule 46 (c)(1)(iv), Statement 3 A.6 – RPS RAC Revenue Requirement  
8         Calculation
- 9     • Schedule 46 (c)(1)(v), Statement 1 A.5 – RPS RAC Allocation of Revenue  
10         Requirement by Class
- 11     • Schedule 46 (c)(1)(v), Statement 2 A.5 – PCAP RAC Allocation of Revenue  
12         Requirement by Class
- 13     • Schedule 46 (c)(1)(v), Statement 3 A.6 – RPS RAC Allocation of Revenue  
14         Requirement by Class

15     **I. COST ALLOCATION BACKGROUND**

16     **Q. IS THE SAME METHODOLOGY USED TO ALLOCATE COSTS IN THE RPS  
17             IN THIS PROCEEDING AS THE METHODOLOGY USED IN THE  
18             COMPANY'S 2024 VCEA CASE.**

19     A. Yes, we are using the same methodology consistent with the RPS Cost Allocation Order  
20         that was approved in the 2024 VCEA Proceeding (PUR-2024-00020).

21     **Q. WHAT ALLOCATION FACTORS, DEMAND OR ENERGY, DID YOU USE  
22             WHEN ALLOCATING THE REVENUE REQUIREMENT TO THE VIRGINIA  
23             RETAIL JURISDICTION AND THE TARIFF CLASSES?**

24     A. Consistent with the RPS Cost Allocation Order, I have complied with the Commission's  
25         directive to allocate VCEA-related resource costs consistent with the method used for  
26         APCo's existing generation resources. For owned generation (Amherst, Top Hat and  
27         Grover Hill are the only resources in service during the Rate Year), all costs are allocated  
28         amongst the customer classes based on the 6 CP demand allocator. The A.5 RACs are  
29         both class-allocated using the 6 CP demand allocator except for REC-related costs which

1 are allocated on annual energy. Table 2 below summarizes the jurisdictional allocation  
2 and the class allocation of each RAC.

**Table 2. Allocator Treatment**

JURISDICTIONAL AND CLASS ALLOCATORS						
RECs-A.5 RPS RAC 2 Components			Owned Generation-A.6 RPS RAC			
	A.5 RPS - RAC <sub>D&amp;E</sub>	A.5 RPS - RAC <sub>F</sub>	A.5 RPS - PPA Capacity	A.6 RPS-RAC	Fuel Factor	Rider NBC
Jurisdictional	Annual	Annual	Annual	Annual Energy	Annual	Annual Energy
	Energy	Energy	Energy	Energy	Energy	Energy
Class	Annual	Annual	6CP	6CP (Demand)	Annual	Annual Energy
	Energy	Energy	(Demand)		Energy	

## **CALCULATION OF THE REVENUE REQUIREMENT FOR THE RATE YEAR**

## **HOW WERE COSTS ALLOCATED TO APCO'S VIRGINIA JURISDICTION?**

6 A. As described above and consistent with the RPS Cost Allocation Order, the costs and  
7 benefits are allocated to the APCo Virginia Retail jurisdiction utilizing actual energy  
8 usage for the twelve-month period ended December 31, 2024. Table 1 above shows each  
9 resource that is included in the Rate Year revenue requirement as well as the amount to  
10 be collected. The jurisdictional allocators used in developing the revenue requirement  
11 are provided in Schedule 46 Section 5, Statement 3.

**WHAT BILLING DETERMINANTS DOES THE COMPANY PROPOSE TO USE FOR RATE DESIGN PURPOSES?**

14 A. The Company proposes to use the billing determinants based on 12 months ended  
15 December 31, 2023 data as approved in the 2024 Biennial Order, as well as various other  
16 Rate Adjustment Clause filings over the past year. There are two sets of billing  
17 determinants used in this filing due to the nature of cost responsibility: Standard Service

1 and OAD. The Company also has an F-OAD tariff (energy-only shopping) but does not  
2 currently have any customers taking service on this tariff.

3 **Q. PLEASE DESCRIBE THE ALLOCATION OF THE VIRGINIA  
4 JURISDICTIONAL COSTS TO THE CUSTOMER CLASSES.**

5 A. The demand and energy class allocation factors were updated using 2023 data consistent  
6 with the update to the billing determinants as described above. The class demand  
7 allocation factors were developed utilizing a 6 CP methodology based on a 2023 calendar  
8 year. The energy allocation factors were also developed using a 2023 calendar year  
9 energy usage. Both sets of allocators are from the 2024 Biennial Proceeding.

10 The class allocation factors are shown in Schedule 46 Section 5, Statement 3. For  
11 each class, the demand and energy-related costs are summed to derive the total class  
12 revenue requirement.

13 **Q. HAS THE COMPANY INCLUDED ANY UNDER- OR OVER-RECOVERY OF  
14 COSTS IN THE TOTAL REVENUE REQUIREMENT CALCULATION?**

15 A. Yes. Company witness Ciborek provided the over/under recovery amounts through  
16 January 2025 for each of the three RACs. The A.5 RPS RAC was under-recovered by  
17 \$7,162,647, the A.5 PCAP RAC was under-recovered by \$172,318, and the A.6 RPS  
18 RAC was under-recovered by \$603,975.

19 **Q. PLEASE DESCRIBE THE COSTS AND REVENUES THAT ARE ASSOCIATED  
20 WITH THE BRIDGE PERIOD AND HOW THEY FACTOR INTO THE RATE  
21 YEAR REVENUE REQUIREMENT.**

22 A. The Bridge Period is comprised of a 13-month period, as discussed by Company witness  
23 Stevens. For the A.5 RPS RAC I estimated A.5 RPS RAC surcharge revenues, REC-  
24 related costs for APCo renewable facilities, and the Rider WWS premium for the Bridge

1       Period. The A.5 PCAP RAC recovers the capacity related costs of the Company's PPAs  
2       and follows the same methodology as the A.5 RPS RAC. The Bridge Period revenue  
3       requirement for the A.5 PCAP RAC is \$903,725 and the A.5 RPS RAC is \$2,049,883.  
4       The Bridge Period of the A.6 RPS RAC comprises an estimate of the anticipated  
5       revenues as well as the over/under cost deferral for Amherst. It also includes the  
6       estimated revenue requirement of Top Hat and Grover Hill which are going in-service  
7       throughout the Bridge Period. This sums to a Bridge Period revenue requirement of  
8       \$3,173,722.

9       **Q.     WHAT IS THE VIRGINIA JURISDICTIONAL REVENUE REQUIREMENT TO  
10      BE COLLECTED BY APCO OVER THE RATE YEAR?**

11      A.     The VA Jurisdictional revenue requirement to be collected over the Rate Year is  
12      \$68,933,091. The Rate Year Revenue Requirement is comprised of the Historic Costs,  
13      the Bridge Period and forecasted costs from March 2026 - February 2027. Included in  
14      the historic costs is \$751,255 related to terminated projects that were approved for VCEA  
15      compliance. These were provided by Company witness Ciborek and are recovered  
16      through the A.6 RPS RAC. The Bridge Period encompasses the estimated costs of RPS  
17      compliance and revenues associated with the RAC revenues approved in the 2024 VCEA  
18      Proceeding, and from approved renewable facilities and market REC purchases through  
19      February 2026. The resulting costs, by RAC mechanism, comprise the revenue  
20      requirement to be collected for the Rate Year of March 2026 through February 2027.

21      **Q.     PLEASE DESCRIBE HOW THE BRIDGE PERIOD REVENUE REQUIREMENT  
22      WAS CALCULATED.**

23      A.     The Bridge Period covers February 2025 through February 2026, when the Rate Year  
24      takes effect in March 2026. The rates approved in the 2024 VCEA Proceeding will

1 remain in effect until the next Rate Year so I estimated the Rider Surcharge Revenues  
2 collected based on an average through February 2026. For the A.5 RPS RAC I  
3 determined the amount of the revenue requirement, by wind and solar PPA, that had not  
4 been collected through January 2025 and calculated a monthly average through the  
5 previously approved Rate Year of February 2026. Finally, I reduced the Bridge Period  
6 Revenue Requirement by \$2,286,346 to account for the WWS Rider Premium. This  
7 calculation was performed in the same manner as the Rider Surcharge Revenues.

8 The A.5 PCAP RAC follows the same methodology as the A.5 RPS RAC, but the  
9 Bridge Period contains only the Rider Surcharge Revenues and the Wind and Solar PPAs.  
10 The approved apportionment percentages from the 2024 VCEA Proceeding were used in  
11 this calculation.

12 The A.6 RPS RAC currently only recovers costs associated with the owned solar  
13 and wind facilities (Amherst, Top Hat and Grover Hill). I used a 13 month average of  
14 actual A.6 revenues netted against the same A.6 monthly over/under cost deferral to  
15 estimate the Bridge Period for the Amherst facility. For Top Hat and Grover Hill I  
16 calculated the prorated Revenue Requirement, based on the respective in-service dates,  
17 which was then combined with the A.6 Amherst Bridge Period for a total Bridge Period  
18 Revenue Requirement. The revenues and costs were netted to arrive at the \$3,173,722  
19 Bridge Period amount.

20 **Q. PLEASE DESCRIBE THE DEVELOPMENT OF THE GOING LEVEL  
21 REVENUE REQUIREMENT FORECAST FOR THE A.6 RPS- RAC.**

22 A. The going level revenue requirement represents the Virginia jurisdictional cost of the  
23 owned projects anticipated to occur in the Rate Year. In order to utilize calendar year  
24 forecasted information, my analysis used calendar year 2026 data as being representative

1       of the actual Rate Year period. For each of Amherst, Top Hat, and Grover Hill the  
2       starting point for computing the revenue requirement was determining the rate base for  
3       the Rate Year. I then applied an overall rate of return to the average rate base to produce  
4       the Company's annual return on the owned projects rate base. Also included in the  
5       forecasted revenue requirement are expense items. Schedule 46, Section 5, Statement 3  
6       provides the calculation of the going level rate year revenue requirement of \$16,182,774.  
7       The Company has complied with the Commission's directive to first remove the expected  
8       value of RECs of the owned facilities and class allocate the remainder using the 6 CP  
9       demand allocator. Amherst has been operational since October 2023 so I prorated the  
10      Year Three and Year Four Virginia Retail revenue requirements due to the timing of the  
11      facilities in-service date which calculated a going level revenue requirement of \$456,154.  
12      For Top Hat, I prorated Year 1 and Year 2 Virginia Retail revenue requirements due to  
13      the timing of the facilities in-service date which calculated a going level revenue  
14      requirement of \$25,445,502. For Grover Hill, I prorated Year 1 and Year 2 Virginia  
15      Retail revenue requirements due to the timing of the facilities in-service date which  
16      calculated a going level revenue requirement of \$18,739,908. I then used the expected  
17      annual output for Amherst, Top Hat and Grover Hill and prorated it with the REC  
18      forecast for the 2025, 2026 and 2027 delivery years to arrive at an expected REC value of  
19      \$25,294,068, which is recovered through the A.5 RPS RAC. Schedule 46 Section 5,  
20      Statement 3 also presents an estimate of the revenue requirement over the 35 or 30 year  
21      life of the respective asset.

22      **Q. HOW WAS THE RATE BASE DEVELOPED FOR THE A.6 RPS-RAC?**

23      A. Each rate base in the Rate Year represents the end of period amount of the items  
24      includable in the rate base. The starting point for the rate base forecast was the

1 contractual purchase price for Amherst, Top Hat and Grover Hill contained in the PSA.  
2 Projected additional capital costs associated with Amherst from 2023 to 2057 are  
3 contained in APCo Exhibit No. \_\_\_\_ (JNC) Schedule 1 – Amherst Cost of Service. I then  
4 calculated accumulated depreciation and accumulated deferred income taxes based on  
5 these estimated amounts. The applicable PTCs for Amherst are reflected in the cost of  
6 service over a 10-year period. Projected capital costs associated with Top Hat from 2025  
7 to 2054 are contained in APCo EXTRAORDINARILY SENSITIVE Exhibit No. \_\_\_\_  
8 (JNC) Schedule 2 – Top Hat Cost of Service. I then calculated accumulated depreciation  
9 and accumulated deferred income taxes based on these estimated amounts. The  
10 applicable PTCs for Top Hat are reflected in the cost of service on an as earned basis  
11 over a 10-year period. Projected capital costs associated with Grover Hill from 2026 to  
12 2055 are contained in APCo EXTRAORDINARILY SENSITIVE Exhibit No. \_\_\_\_ (JNC)  
13 Schedule 3 – Grover Hill Cost of Service. I then calculated accumulated depreciation  
14 and accumulated deferred income taxes based on these estimated amounts. The  
15 applicable PTCs for Grover Hill are reflected in the cost of service on a leveled basis  
16 over a 20-year period.

17 Q. **WHAT RATE OF RETURN IS BEING USED IN CALCULATING THE  
18 REVENUE REQUIREMENT?**

19 A. The Company used an after-tax rate of return on rate base of 7.278% based on year ended  
20 December 31, 2024 capital structure. The components of the rate of return, including the  
21 9.75% return on equity, are contained in Schedule 46 Section 5, Statement 3 and were  
22 approved in the 2024 Biennial Order.

1   **Q. PLEASE DESCRIBE THE DEVELOPMENT OF THE GOING LEVEL**  
2   **REVENUE REQUIREMENT FOR THE A.5 RPS - RAC.**

3   A. The A.5 RPS – RAC recovers the costs associated with REC purchases used to meet RPS  
4   compliance and the REC component of the Company’s renewable assets. The renewable  
5   assets are inclusive of Wind REPAs, company owned renewable generation, contracted  
6   renewable PPAs (solar and wind) and REC purchases.

7                 For the Rate Year I followed the Commission’s directive to first extract the  
8   anticipated REC value for Camp Grove, Fowler Ridge 3, and Bluff Point and then  
9   allocate the remaining revenue requirement between the A.5 PCAP and fuel. The Rate  
10   Year covers ten months of 2026, so the 2026 REC Index price was multiplied by the  
11   forecast MWh of each resource and then jurisdictionalized to arrive at the Virginia Retail  
12   amount to be added to the A.5 RPS - RAC Rate Year revenue requirement. The same  
13   process was used for the remaining 2 months of the Rate Year except the 2027 REC  
14   Index price and the corresponding forecast monthly MWhs were utilized in the  
15   calculation. The total A.5 RPS - RAC Rate Year amount is \$13,972,910 for the Wind  
16   REPAs.

17                 The A.5 RPS - RAC revenue requirement also recovers the renewable attribute  
18   costs for Company-owned generation (Amherst, Top Hat and Grover Hill) as well as  
19   PPAs (Leatherwood, Wytheville, Green Acres and Depot). There are five Commission-  
20   approved solar facilities (Mountain Brook, River Trail, Shifting Sands, Sunny Rock and  
21   Elliot) that have gone into service or are projected to be in-service throughout the Bridge  
22   Period or Rate Year which merits inclusion in the Rate Year revenue requirement  
23   calculation.

1           Leatherwood and Wytheville have contracted REC prices so the amount included  
2 in the A.5 RPS - RAC is a product of the expected production and the REC price. The  
3 Depot solar facility's REC cost is determined in the same fashion as the Wind REPAs  
4 described above however, the contract rate of the facility is such that it requires the  
5 entirety of the REC value to be greater than the total Rate Year revenue requirement for  
6 energy. This means that the Depot facility will recover more REC-related costs through  
7 the A.5 RPS - RAC than the facility is projected to cost with the offset in fuel. No Depot  
8 costs are projected to the A.5 – PCAP due to this nuance.

9           The WWS Premium is credited to the A.5 RPS RAC and the methodology  
10 described above for the Bridge Period revenue requirement development applies to the  
11 Rate Year. The WWS Premium credit to the A.5 RPS RAC Rate Year is \$2,110,473.

12           The total A.5 RPS RAC Rate Year amount is \$34,790,430 for the facilities  
13 described above.

14 **Q. PLEASE DESCRIBE THE DEVELOPMENT OF THE GOING LEVEL  
15 REVENUE REQUIREMENT FOR THE A.5 PCAP - RAC.**

16       A. The A.5 PCAP RAC recovers the capacity-related costs associated with the resources  
17 described in the A.5 RPS RAC, except for the owned facilities, REC transactions, and the  
18 WWS premium. After the REC value for each facility was extracted from the revenue  
19 requirement individually, the resultant revenue requirements were apportioned based on  
20 the APCo Base Fundamental Forecast 2025/26 energy prices and the 2025/26 PJM Net  
21 CONE capacity price.

22           The behind-the-meter solar PPAs (River Trail, Shifting Sands, Sunny Rock,  
23 Green Acres, Depot, Elliot, Cicely and Hyssop) each have an equivalent UCAP which  
24 will reduce APCo Virginia's FRR obligation. The UCAP MWs are multiplied by the

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1       2025/26 PJM Net CONE price of \$228.81/MW/day by the days in the month. Each Rate  
2       Year month is calculated and then summed to arrive at the total capacity value of the  
3       resource for the Rate Year. The expected energy output is multiplied by the APCo Base  
4       Fundamental Forecast nominal energy price to arrive at the total energy value. The  
5       percentage of capacity and energy is calculated based on the sum of capacity and energy  
6       values and these two percentages are multiplied by the extracted REC value resource  
7       revenue requirement to arrive at the A.5 PCAP – RAC amount and the fuel amount. As  
8       stated earlier, the capacity value recovered through this RAC for Depot is zero because  
9       the expected REC value exceeds the revenue requirement. The amount to be recovered  
10      in the A.5 PCAP – RAC for the other resources in the Rate Year is \$773,122.

11           The Leatherwood and Wytheville calculation involves multiplying the nameplate  
12      capacity by the 2025/26 PJM Net CONE price of \$228.81/MW/day by PJM's 25/26  
13      ELCC Solar Tracking value of 0.14 by the number of days in the month. This calculation  
14      is done for each month and summed to calculate the total capacity value of each resource.  
15           The expected outputs of Leatherwood and Wytheville are multiplied by the APCo  
16      Fundamental Base Forecast nominal energy price to arrive at the total energy value. The  
17      percentage of capacity and energy is calculated based on the sum of capacity and energy  
18      values and these two percentages are multiplied by the energy and capacity<sup>1</sup> resource  
19      revenue requirement to arrive at the A.5 PCAP RAC amount and the fuel amount. The  
20      amount to be recovered in the A.5 PCAP RAC in the Rate Year is \$428,050.

21           The Wind REPAs are calculated in much the same way as Leatherwood and  
22      Wytheville, except the PJM 2025/26 ELCC Solar Tracking value of 0.14 is replaced by

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<sup>1</sup> Leatherwood and Wytheville have two distinct products, bundled energy and capacity as well as RECs, with two contract prices delineating the two.

1       the Onshore Wind ELCC of 0.38 and the capacity value is jurisdictionalized because the  
2       three Wind REPAs are transmission level, not behind-the-meter. The amount to be  
3       recovered in the A.5 PCAP RAC in the Rate Year for the Wind REPAs is \$2,692,445.

4       **Q.     WHAT IS THE IMPACT OF THE COMPANY'S PROPOSAL IN THIS  
5           PETITION ON A TYPICAL RESIDENTIAL CUSTOMER'S BILL?**

6       A.     As shown in APCo Exhibit No. \_\_\_\_ (JNC) Schedule 4 - Typical Bill Comparison, a  
7       residential customer using 1,000 kWh usage per month will see an increase of \$4.36, or  
8       2.5% when compared to rates effective April 1, 2025.

9       **Q.     DO YOU SPONSOR THE NBC RATE CALCULATION?**

10      A.     Yes, I sponsor the proposed NBC Rate Calculation to recover VCEA costs, net of  
11       benefits, for the Company's shopping customers. Consistent with the previously  
12       approved methodology, this rate was calculated using an estimate of the energy  
13       component of the VCEA PPAs for the rate year, an estimate of the avoided energy costs  
14       for the rate year, a reversal of the prior period estimates, and the prior period actual  
15       VCEA costs and actual avoided/off-system energy purchases energy sale

16      **Q.     DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?**

17      A.     Yes, it does.

**Portfolio of Projects**  
Company  
Jurisdiction

APCO  
VA

	Wind Total	Solar Total	4.88
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ICAP MW - \$ 9,863,532  
Initial CapEx \$ 2,223,152  
AEPSC PMEC Cost \$ -  
Additional Interconnection Cost \$ -  
Total CapEx \$ 12,086,684

State Tax Rate 2.9%  
Federal Tax Rate 21%

REC Price \$/MWh 2.9%  
Levelized PTC Years - Wind 20  
Levelized PTC Years - Solar 20

Year	PTC Rate	PTC %	% PTC Transferred
2025	\$30.00	100%	0.00%
2026	\$31.00	100%	39.00%
2027	\$31.00	100%	9.00%
2028	\$32.00	100%	73.00%
2029	\$32.00	100%	74.00%
2030	\$33.00	100%	87.00%
2031	\$34.00	100%	22.00%
2032	\$34.00	100%	0.00%
2033	\$35.00	100%	0.00%
2034	\$36.00	100%	0.00%
2035	\$36.00	100%	0.00%
2036	\$37.00	100%	0.00%

Project Name	Include	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Exclude	Source
Resource Type	Amherst									
In-Service End of Year		Solar	2023							
ICAP MW			4,875							
Project Contract Cost		9,863,532								
AEPSC PMEC Cost			2,223,152							
Total CapEx			12,086,684							
Owner's Costs										
Internal Costs & Overhead		2,223,152								
Contingency		-								
AFUDC		-								
Depreciation Life (years)		35								
Average Cap Factor		23.4%								
Initial Cap Factor		24.6%								

	In-Service Year
Wind Rate Base	Not Selected
Solar Rate Base	2023

Amherst	Solar	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034			
Annual Production MW		2023	Include	Solar	10,512	10,505	10,450	10,418	10,387	10,379	10,325	10,294	10,263	10,255	10,201	10,171
Annual Capital Expense		2023	Include	Solar	-	-	-	-	-	-	-	-	-	-	5,000	5,100
Operations and Maint Expense - Account 549		2023	Include	Solar	47,836	48,538	52,360	53,328	51,828	57,088	58,129	59,178	60,259	63,359	62,500	63,670
Property Tax Expense - Account 408		2023	Include	Solar	-	-	-	-	-	-	-	-	-	-	-	-
Insurance - Account 924		2023	Include	Solar	4,000	4,400	4,840	4,985	5,135	5,289	5,447	5,611	5,779	5,953	6,131	6,315
Land Lease - Account 550		2023	Include	Solar	46,000	46,920	47,858	48,816	49,792	50,788	51,803	52,840	53,896	54,974	56,074	57,195
ARO Depreciation Expense - Account 403		2023	Include	Solar	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931
Accretion Expense - Account 411		2023	Include	Solar	-	-	-	-	-	-	-	-	-	-	-	-
Annual O&M Total		2023	Include	Solar	102,767	104,789	109,989	112,060	111,685	118,095	120,311	122,559	124,866	129,217	129,636	132,111

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APPALACHIAN POWER COMPANY  
2025 AMHERST COST OF SERVICE  
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2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057
10,140	10,133	10,080	10,049	10,019	10,012	9,959	9,929	9,900	9,892	9,840	9,811	9,781	9,774	9,723	9,694	9,684	9,657	9,607	9,578	9,549	9,542	9,492
5,202	5,306	132,000	5,200	5,304	5,410	5,518	5,629	7,325	7,471	7,621	7,773	7,929	8,087	8,249	8,414	8,582	8,754	8,929	9,108	9,290	9,476	9,665
64,822	66,035	69,473	68,622	69,996	71,397	72,844	76,737	75,833	77,363	78,937	80,530	84,846	83,788	85,472	87,187	88,934	93,876	92,516	94,352	98,224	98,134	100,081
6,505	6,700	6,901	7,106	7,321	7,541	7,787	8,000	8,240	8,467	8,742	9,004	9,274	9,552	9,839	10,134	10,438	10,751	11,074	11,406	11,746	12,100	12,463
58,339	59,506	60,696	61,910	63,148	64,411	65,699	67,013	68,354	69,721	71,115	72,537	73,988	75,468	76,977	78,517	80,087	81,689	83,323	84,989	86,689	88,423	90,191
4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931	4,931
134,597	137,171	142,001	142,571	145,398	148,280	151,242	156,681	157,357	160,502	163,724	167,003	173,038	173,739	177,219	180,769	184,390	191,047	191,843	195,878	199,592	203,588	207,667

**Appalachian Power Company**  
 Computation of Gross Revenue Conversion Factor

	Gross Revenue Conversion Factor	1.3151
		=====
		Percentage of Incremental Gross Revenues
		<u>Tax Rates</u>
1	Operating Revenues	100.00%
2	Less: Factoring Expense	<u>0.16783%</u>
3	Income Before Income Taxes and VA Min Tax	99.83%
4	Less: VA Min Tax (Va Retail--1.45% x .498583)	<u>0.72384%</u>
5	Income Before Income Taxes	99.11%
6	Less: State Income Taxes (Line 3 x State Tax Rate)	2.8572% <u>2.8524%</u>
7	Income Before Federal Income Taxes	96.26%
8	Less: Federal Income Taxes (Line 5 x Federal Tax Rate)	21.00% <u>20.2137%</u>
9	Operating Income Percentage	<u>76.0422%</u>
10	Gross Revenue Conversion Factor (100% / Line 7)	<u>1.3151</u>

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APPALACHIAN POWER COMPANY  
2025 AMHERST COST OF SERVICE  
PUR-2025-00049  
JURISDICTIONAL ALLOCATION FACTORS

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APPALACHIAN POWER COMPANY  
ENERGY ALLOCATION FACTORS BY JURISDICTION  
TWELVE MONTHS ENDED DEC. 24

LINE NO.	TOTAL COMPANY	STATE JURISDICTION **		F.E.R.C. JURIS.		VIRGINIA LOCAL JURISDICTION			
		W.VA.	VIRGINIA	KINGSPORT	SALES FOR RESALE	PUBLIC AUTH.	COMM. OF VIRGINIA	STREET LIGHTING	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
<b>ENERGY - Including Kingsport and APCo's FERC customers</b>									
1	TOTAL MWH FOR 12-MONTHS	29,658,006	12,169,089	13,872,218	1,741,838	1,029,007	670,765	142,722	32,366
2	ENERGY ALLOCATION FACTORS	1.000000	0.410314	0.467739	0.058731	0.034696	0.022617	0.004812	0.001091

Virginia Retail Allocator

0.407739

APPALACHIAN POWER COMPANY  
 2025 AMHERST COST OF SERVICE  
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APPALACHIAN POWER COMPANY  
 VIRGINIA RETAIL JURISDICTION  
 CAPITAL STRUCTURE AND COST OF CAPITAL  
 ACTUAL AS OF DECEMBER 31, 2024

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	<u>Amount Outstanding</u>	<u>Percent</u>	<u>Cost Rate</u>	<u>Weighted Return Component</u>
Long-term Debt	\$ 5,582,425,574	48.860%	4.86%	2.373%
Short-term Debt	\$ 95,006,412	0.832%	0.047%	0.000%
Total Debt	\$ 5,677,431,986		4.90%	2.373%
Common Stock	\$ 5,748,033,504	50.309%	9.75%	4.905%
Total	<u>\$ 11,425,465,489</u>	<u>100%</u>		7.278%

## Solar Rate Base Calculations

Description (Amounts in thousands)	In-Service Year	Resource Type	Beginning Balance	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
				2023	2024	2025	2026	2027	2028	2029
Annual Capital Expense				0	0	0	0	0	0	0
Project Capital Expense	2020	Solar	12,087							
Total Plant In Service			12,087	12,087	12,087	12,087	12,087	12,087	12,087	12,087
Rate Base Calculations - changed to period end										
Plant In Service			12,087	12,087	12,087	12,087	12,087	12,087	12,087	12,087
Accrued Depreciation			345	691	1,036	1,381	1,727	2,072	2,417	
Accumulated Deferred FIT			435	1,175	1,590	1,810	2,028	2,103	2,031	
Construction Work in Progress										
RATE BASE			11,306	10,221	9,461	8,896	8,331	7,912	7,639	
Depreciation and Amortization										
Book Depreciation Exp - CPIS										
Book Accumulated Depreciation										
Tax Depreciation										
Annual CapEx										
Project CapEx										
Tax Depreciation Year										
Tax Depreciation Rates =										
Capital Year 1			1	2	3	4	5	6	7	
Capital Year 2			2,417	3,968	2,321	1,392	1,392	696		
Capital Year 3										
Capital Year 4										
Capital Year 5										
Capital Year 6										
Capital Year 7										
Capital Year 8										
Capital Year 9										
Capital Year 10										
Capital Year 11										
Capital Year 12										
Capital Year 13										
Capital Year 14										
Capital Year 15										
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Capital Year 22										
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Capital Year 24										
Capital Year 25										
Capital Year 26										
Capital Year 27										
Capital Year 28										
Capital Year 29										
Capital Year 30										
Capital Year 31										
Capital Year 32										
Capital Year 33										
Capital Year 34										
Capital Year 35										
Tax Depreciation Expense			2,417	3,968	2,321	1,392	1,392	696	-	
Accum Tax Depreciation Expense			2,417	6,200	8,006	9,098	11,390	12,087	12,087	
Deferred Taxes										
Annual Deferred Tax Expense			435	740	415	220	220	74	(73)	
Accumulated Deferred Federal Income Tax			435	1,175	1,590	1,810	2,029	2,103	2,031	
Tax Depreciation Calc for SIT										
Tax Depreciation Expense				20.000%	32.000%	19.200%	11.620%	11.520%	5.760%	
Portfolio				2023	2024	2025	2026	2027	2028	2029
PTC Rate				0	0	30	31	31	32	32
PTC %				0%	0%	100%	100%	100%	100%	100%
Annual Production MW				10,512	10,405	10,450	10,418	10,397	10,379	10,359
PTC				-	-	313,490	327,997	321,999	332,136	330,394
% of PTCs Transferred				0%	0%	0%	39%	9%	73%	74%
PTC Transfer Cost				-	-	-	9,168	2,109	17,947	17,795
Nel PTC				-	-	313,490	313,800	319,889	314,487	312,599

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APPALACHIAN POWER COMPANY  
2026 AMHERST COST OF SERVICE  
PUR-2025-00049  
RATE BASIC

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12,087	12,087	-	12,087	12,086	3	12,090	12,094	4	12,095	4	12,126	30	12,174	46	12,204	30	12,224
(73)	(73)	(73)	(73)	(72)	(72)	(72)	(72)	(72)	(72)	(67)	(64)	(64)	(67)	(67)	(67)	(67)	(67)
1,958	1,886	1,813	1,741	1,741	1,689	1,687	1,687	1,687	1,526	1,458	1,394	1,394	1,327	1,327	1,265	1,265	1,265

Year 19 2041	Year 20 2042	Year 21 2043	Year 22 2044	Year 23 2045	Year 24 2046	Year 25 2047	Year 26 2048	Year 27 2049	Year 28 2050	Year 29 2051	Year 30 2052	Year 31 2053	Year 32 2054	Year 33 2055	Year 34 2056	Year 35 2057	
6	6	7	7	8	8	8	8	8	8	9	9	9	9	9	9	10	
12,261	12,260	12,274	12,261	12,260	12,297	12,304	12,313	12,321	12,329	12,338	12,347	12,356	12,365	12,374	12,383	12,393	
12,261	12,260	12,274	12,281	12,280	12,297	12,304	12,313	12,321	12,329	12,338	12,347	12,356	12,365	12,374	12,383	12,393	
6,566	6,937	7,287	7,638	7,980	8,341	8,692	9,044	9,396	9,748	10,101	10,453	10,807	11,160	11,513	11,867	12,221	
1,185	1,117	1,045	972	900	826	756	683	611	539	467	394	322	250	177	105	33	
4,487	4,213	3,942	3,671	3,399	3,128	2,857	2,585	2,314	2,042	1,770	1,499	1,227	955	683	411	139	
350	350	351	351	351	351	352	362	352	362	353	363	353	353	354	354	354	
6,566	6,937	7,287	7,638	7,980	8,341	8,692	9,044	9,396	9,748	10,101	10,453	10,807	11,160	11,513	11,867	12,221	
6	6	7	7	8	8	8	8	8	8	9	9	9	9	9	9	10	
18	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	36	

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APPALACHIAN POWER COMPANY  
2025 AMHERST COST OF SERVICE  
PUR-2025-00049  
TOTAL COMPANY REVENUE REQUIREMENT

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APCO Total Company  
Renewable Portfolio

Calculation of Revenue Requirements

	Year 1 2023	Year 2 2024	Year 3 2025	Year 4 2026	Year 5 2027	Year 6 2028	Year 7 2029
<b>Solar</b>							
Operations and Maint Expense - Account 549	47,836	48,538	52,360	53,328	51,828	57,088	58,129
Property Tax Expense - Account 408	0	0	0	0	0	0	0
Insurance - Account 924	4,000	4,400	4,840	4,985	5,135	5,289	5,447
Land Lease - Account 550	46,000	46,920	47,858	48,816	49,792	50,788	51,803
ARO Depreciation Expense - Account 403	4,931	4,931	4,931	4,931	4,931	4,931	4,931
Accretion Expense - Account 411	0	0	0	0	0	0	0
<b>Total O&amp;M Expenses</b>	<u>102,767</u>	<u>104,789</u>	<u>109,989</u>	<u>112,060</u>	<u>111,685</u>	<u>118,095</u>	<u>120,311</u>
Depreciation - Account 403	345,334	345,334	345,334	345,334	345,334	345,334	345,334
SIT	(79,671)	(120,434)	(75,864)	(49,017)	(48,623)	(28,631)	(8,617)
Current FIT	(568,841)	(859,882)	(541,655)	(349,977)	(347,164)	(204,419)	(61,527)
Deferred FIT	435,121	739,705	414,815	219,881	219,881	73,680	(72,520)
<b>Total Expenses</b>	<u>234,709</u>	<u>209,511</u>	<u>252,619</u>	<u>278,281</u>	<u>281,113</u>	<u>304,059</u>	<u>322,980</u>
Operations and Maint Expense - Account 549	47,836	48,538	52,360	53,328	51,828	57,088	58,129
Property Tax Expense - Account 408	0	0	0	0	0	0	0
Insurance - Account 924	4,000	4,400	4,840	4,985	5,135	5,289	5,447
Land Lease - Account 550	46,000	46,920	47,858	48,816	49,792	50,788	51,803
ARO Depreciation Expense - Account 403	4,931	4,931	4,931	4,931	4,931	4,931	4,931
Accretion Expense - Account 411	0	0	0	0	0	0	0
<b>Total O&amp;M Expenses</b>	<u>102,767</u>	<u>104,789</u>	<u>109,989</u>	<u>112,060</u>	<u>111,685</u>	<u>118,095</u>	<u>120,311</u>
Depreciation - Account 403	345,334	345,334	345,334	345,334	345,334	345,334	345,334
SIT	(79,671)	(120,434)	(75,864)	(49,017)	(48,623)	(28,631)	(8,617)
Current FIT	(568,841)	(859,882)	(541,655)	(349,977)	(347,164)	(204,419)	(61,527)
Deferred FIT	435,121	739,705	414,815	219,881	219,881	73,680	(72,520)
<b>Total Expenses</b>	<u>234,709</u>	<u>209,511</u>	<u>252,619</u>	<u>278,281</u>	<u>281,113</u>	<u>304,059</u>	<u>322,980</u>
<b>Solar</b>							
<b>Annual Solar Production MW</b>	10,512	10,505	10,450	10,418	10,387	10,379	10,325
<b>Net PTC</b>	-	-	313,490	313,800	319,889	314,487	312,599
<b>Operating Income</b>	(234,709)	(209,511)	60,870	35,519	38,776	10,428	(10,381)
<b>PTC Rate</b>	\$ -	\$ -	\$ 30.00	\$ 31.00	\$ 31.00	\$ 32.00	\$ 32.00
<b>PTC %</b>	0%	0%	100%	100%	100%	100%	100%
<b>Annual Production MW</b>	10,512	10,505	10,450	10,418	10,387	10,379	10,325
<b>Net PTC</b>	0	0	313,490	313,800	319,889	314,487	312,599
<b>Operating Income</b>	(234,709)	(209,511)	60,870	35,519	38,776	10,428	(10,381)
<b>Rate Base</b>	11,306,230	10,221,191	9,461,042	8,895,827	8,330,612	7,911,598	7,638,784
<b>After Tax WACC</b>	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%
<b>Return on Rate Base</b>	822,919	743,945	688,618	647,479	606,340	575,842	555,986

APPALACHIAN POWER COMPANY  
2025 AMHERST COST OF SERVICE  
PUR-2025-00049  
TOTAL COMPANY REVENUE REQUIREMENT

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<b>Solar</b>							
<b>Revenue Needed</b>	<b>1,390,887</b>	<b>1,253,890</b>	<b>825,551</b>	<b>804,788</b>	<b>746,403</b>	<b>743,576</b>	<b>744,828</b>
<b>LCOE \$/MWh (35 Years)</b>	<b>\$88.01</b>						
<b>Revenue Needed</b>	<b>1,390,887</b>	<b>1,253,890</b>	<b>825,551</b>	<b>804,788</b>	<b>746,403</b>	<b>743,576</b>	<b>744,828</b>
<b>\$/MWh Cost</b>	<b>\$132.31</b>	<b>\$119.36</b>	<b>\$79.00</b>	<b>\$77.25</b>	<b>\$71.86</b>	<b>\$71.54</b>	<b>\$72.14</b>
<b>Annual Production MW</b>	<b>10,512</b>	<b>10,505</b>	<b>10,450</b>	<b>10,418</b>	<b>10,387</b>	<b>10,379</b>	<b>10,325</b>
<b>LCOE \$/MWh</b>	<b>\$88.01</b>						
<b>Solar</b>							
Operating Income Deficiency	\$ 1,057,628	\$ 953,456	\$ 627,747	\$ 611,960	\$ 567,564	\$ 565,414	\$ 566,366
Revenue Requirement	\$ 1,390,887	\$ 1,253,890	\$ 825,551	\$ 804,788	\$ 746,403	\$ 743,576	\$ 744,828
<b>Operating Income Deficiency</b>	<b>\$ 1,057,628</b>	<b>\$ 953,456</b>	<b>\$ 627,747</b>	<b>\$ 611,960</b>	<b>\$ 567,564</b>	<b>\$ 565,414</b>	<b>\$ 566,366</b>
Gross Up Factor	1.32	1.32	1.32	1.32	1.32	1.32	1.32
Revenue Requirement	\$ 1,390,887	\$ 1,253,890	\$ 825,551	\$ 804,788	\$ 746,403	\$ 743,576	\$ 744,828
<b>ROE Proof</b>							
Rev Req	\$ 1,390,887	\$ 1,253,890	\$ 825,551	\$ 804,788	\$ 746,403	\$ 743,576	\$ 744,828
O&M and Depreciation	448,101	450,123	455,323	457,394	457,019	463,429	465,644
Taxes	\$ 119,867	\$ 59,823	\$ (318,390)	\$ (300,084)	\$ (316,956)	\$ (295,695)	\$ (276,802)
<b>Total Expenses</b>	<b>\$ 567,968</b>	<b>\$ 509,946</b>	<b>\$ 136,933</b>	<b>\$ 157,310</b>	<b>\$ 140,063</b>	<b>\$ 167,734</b>	<b>\$ 188,843</b>
After Tax Total Return Component	\$ 822,919	\$ 743,945	\$ 688,618	\$ 647,479	\$ 606,340	\$ 575,842	\$ 555,996
Interest Expense	\$ 268,334	\$ 242,583	\$ 224,542	\$ 211,128	\$ 197,713	\$ 187,769	\$ 181,294
Equity Return	\$ 554,585	\$ 501,362	\$ 464,076	\$ 436,351	\$ 408,627	\$ 389,074	\$ 374,692
Equity Capital	\$ 5,688,047	\$ 5,142,175	\$ 4,759,752	\$ 4,475,399	\$ 4,191,045	\$ 3,980,243	\$ 3,842,993
ROE Check	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%
	TRUE						
O&M	\$ 102,767	\$ 104,789	\$ 109,988	\$ 112,060	\$ 111,685	\$ 118,095	\$ 120,311
Depreciation	\$ 345,334	\$ 345,334	\$ 345,334	\$ 345,334	\$ 345,334	\$ 345,334	\$ 345,334
Tax Expense	\$ 119,867	\$ 59,823	\$ (318,390)	\$ (300,084)	\$ (316,956)	\$ (295,695)	\$ (276,802)
Return On Ratebase	\$ 822,919	\$ 743,945	\$ 688,618	\$ 647,479	\$ 606,340	\$ 575,842	\$ 555,986
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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 APPALACHIAN POWER COMPANY  
 2025 AMHERST COST OF SERVICE  
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 TOTAL COMPANY REVENUE REQUIREMENT

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Year 8 2030	Year 9 2031	Year 10 2032	Year 11 2033	Year 12 2034	Year 13 2035	Year 14 2036	Year 15 2037	Year 16 2038	Year 17 2039	Year 18 2040
59,178 0	60,259 0	\$3,359 0	62,500 0	63,670 0	64,822 0	66,035 0	69,473 0	68,622 0	69,996 0	71,397 0
5,611 52,840 4,931 0	5,779 53,896 4,931 0	5,953 54,974 4,931 0	6,131 56,074 4,931 0	6,315 57,195 4,931 0	6,505 58,339 4,931 0	6,700 59,506 4,931 0	6,901 60,696 4,931 0	7,108 61,910 4,931 0	7,321 63,148 4,931 0	7,541 64,411 4,931 0
122,559 345,334 (8,497) (60,665) (72,520)	124,866 345,334 (8,378) (59,815) (72,520)	129,217 345,334 (8,317) (59,382) (72,340)	129,636 345,477 (8,176) (58,373) (72,031)	132,111 345,622 (8,111) (57,908) (71,849)	134,597 345,771 (8,028) (57,321) (71,745)	137,171 345,923 (7,938) (56,677) (67,081)	142,001 349,694 (8,716) (62,232) (63,855)	142,571 349,843 (8,985) (64,154) (63,855)	145,396 349,994 (8,415) (60,082) (67,288)	148,280 350,149 (8,034) (57,363) (69,353)
326,211 329,487	329,487 334,332	336,224 336,224	339,684 343,170	343,170 346,734	346,734 353,665	353,665 355,420	355,420 359,604	359,604 363,678		
59,178 0	60,259 0	\$3,359 0	62,500 0	63,670 0	64,822 0	66,035 0	69,473 0	68,622 0	69,996 0	71,397 0
5,611 52,840 4,931 0	5,779 53,896 4,931 0	5,953 54,974 4,931 0	6,131 56,074 4,931 0	6,315 57,195 4,931 0	6,505 58,339 4,931 0	6,700 59,506 4,931 0	6,901 60,696 4,931 0	7,108 61,910 4,931 0	7,321 63,148 4,931 0	7,541 64,411 4,931 0
122,559 345,334 (8,497) (60,665) (72,520)	124,866 345,334 (8,378) (59,815) (72,520)	129,217 345,334 (8,317) (59,382) (72,340)	129,636 345,477 (8,176) (58,373) (72,031)	132,111 345,622 (8,111) (57,908) (71,849)	134,597 345,771 (8,028) (57,321) (71,745)	137,171 345,923 (7,938) (56,677) (67,081)	142,001 349,694 (8,716) (62,232) (63,855)	142,571 349,843 (8,985) (64,154) (63,855)	145,396 349,994 (8,415) (60,082) (67,288)	148,280 350,149 (8,034) (57,363) (69,353)
326,211 329,487	329,487 334,332	336,224 336,224	339,684 343,170	343,170 346,734	346,734 353,665	353,665 355,420	355,420 359,604	359,604 363,678		
10,294 318,186 (8,025)	10,263 343,099 13,612	10,255 348,677 14,345	10,201 -	10,171 -	10,140 -	10,133 -	10,080 -	10,049 -	10,019 -	10,012 -
\$ 33.00 100% 10,294 318,186 (8,025)	\$ 34.00 100% 10,263 343,099 13,612	\$ 34.00 100% 10,255 348,677 14,345	10,201 -	(336,224) (339,684)	(343,170)	(346,734)	(353,665)	(355,420)	(359,604)	(363,678)
7,365,971 7.278%	7,093,157 7.278%	6,820,343 7.278%	6,552,207 7.278%	6,283,715 7.278%	6,014,995 7.278%	5,746,123 7.278%	5,595,510 7.278%	5,314,722 7.278%	5,037,320 7.278%	4,761,935 7.278%
536,129	516,272	496,416	476,900	457,357	437,799	418,229	407,267	386,830	366,639	346,595

APPALACHIAN POWER COMPANY 250530212  
2025 AMHERST COST OF SERVICE  
PUR-2025-00049  
TOTAL COMPANY REVENUE REQUIREMENT

APCO Exhibit No. \_\_\_\_\_  
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715,616	661,048	633,971	1,069,339	1,048,189	1,027,052	1,006,004	1,000,702	976,132	955,083	934,081
715,616	661,048	633,971	1,069,339	1,048,189	1,027,052	1,006,004	1,000,702	976,132	955,083	934,081
\$ 669.52	\$ 664.41	\$ 631.82	\$ 104.82	\$ 103.06	\$ 101.28	\$ 99.28	\$ 99.28	\$ 97.13	\$ 95.33	\$ 93.30
10,294	10,263	10,255	10,201	10,171	10,140	10,133	10,080	10,049	10,019	10,012
\$ 544,154	\$ 502,660	\$ 482,071	\$ 813,124	\$ 797,041	\$ 780,968	\$ 764,964	\$ 760,932	\$ 742,249	\$ 726,244	\$ 710,273
\$ 715,616	\$ 661,048	\$ 633,971	\$ 1,069,339	\$ 1,048,189	\$ 1,027,052	\$ 1,006,004	\$ 1,000,702	\$ 976,132	\$ 955,083	\$ 934,081
\$ 544,154	\$ 502,660	\$ 482,071	\$ 813,124	\$ 797,041	\$ 780,968	\$ 764,964	\$ 760,932	\$ 742,249	\$ 726,244	\$ 710,273
1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32
\$ 715,616	\$ 661,048	\$ 633,971	\$ 1,069,339	\$ 1,048,189	\$ 1,027,052	\$ 1,006,004	\$ 1,000,702	\$ 976,132	\$ 955,083	\$ 934,081
\$ 715,616	\$ 661,048	\$ 633,971	\$ 1,069,339	\$ 1,048,189	\$ 1,027,052	\$ 1,006,004	\$ 1,000,702	\$ 976,132	\$ 955,083	\$ 934,081
467,893	470,200	474,551	475,113	477,733	480,368	483,094	481,685	492,414	495,390	498,429
\$ (288,406)	\$ (325,424)	\$ (336,995)	\$ 117,327	\$ 113,098	\$ 108,885	\$ 104,681	\$ 101,740	\$ 96,889	\$ 93,053	\$ 89,057
\$ 179,487	\$ 144,776	\$ 137,556	\$ 592,439	\$ 590,832	\$ 589,253	\$ 587,774	\$ 583,435	\$ 589,303	\$ 588,444	\$ 587,485
\$ 536,129	\$ 516,272	\$ 496,416	\$ 476,900	\$ 457,357	\$ 437,799	\$ 418,229	\$ 407,267	\$ 386,830	\$ 366,639	\$ 346,595
\$ 174,819	\$ 168,344	\$ 161,869	\$ 155,506	\$ 149,133	\$ 142,756	\$ 136,375	\$ 132,800	\$ 126,136	\$ 119,552	\$ 113,017
\$ 361,310	\$ 347,928	\$ 334,546	\$ 321,394	\$ 308,224	\$ 295,043	\$ 281,854	\$ 274,467	\$ 260,694	\$ 247,087	\$ 233,579
\$ 3,705,744	\$ 3,568,494	\$ 3,431,244	\$ 3,296,347	\$ 3,161,272	\$ 3,026,082	\$ 2,890,815	\$ 2,815,043	\$ 2,673,782	\$ 2,534,224	\$ 2,395,680
9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%
\$ 122,559	\$ 124,866	\$ 129,217	\$ 129,636	\$ 132,111	\$ 134,597	\$ 137,171	\$ 142,001	\$ 142,571	\$ 145,396	\$ 148,280
\$ 345,334	\$ 345,334	\$ 345,334	\$ 345,477	\$ 345,622	\$ 345,771	\$ 345,923	\$ 349,694	\$ 349,843	\$ 349,994	\$ 350,149
\$ (288,406)	\$ (325,424)	\$ (336,995)	\$ 117,327	\$ 113,098	\$ 108,885	\$ 104,681	\$ 101,740	\$ 96,889	\$ 93,053	\$ 89,057
\$ 536,129	\$ 516,272	\$ 496,416	\$ 476,900	\$ 457,357	\$ 437,799	\$ 418,229	\$ 407,267	\$ 386,830	\$ 366,639	\$ 346,595

**250530212**  
 APPALACHIAN POWER COMPANY  
 2025 AMHERST COST OF SERVICE  
 PUR-2025-00049  
 TOTAL COMPANY REVENUE REQUIREMENT

APCO Exhibit No. \_\_\_\_\_  
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Year 19 2041	Year 20 2042	Year 21 2043	Year 22 2044	Year 23 2045	Year 24 2046	Year 25 2047	Year 26 2048	Year 27 2049	Year 28 2050	Year 29 2051	Year 30 2052	Year 31 2053	Year 32 2054	Year 33 2055	Year 34 2056	Year 35 2057
72,844 0	76,737 0	75,833 0	77,363 0	78,937 0	80,530 0	84,846 0	83,788 0	85,472 0	87,187 0	88,934 0	93,676 0	92,516 0	94,352 0	96,224 0	98,134 0	100,081 0
7,767 65,699 4,931 0	8,000 67,013 4,931 0	8,240 68,354 4,931 0	8,487 69,721 4,931 0	8,742 71,115 4,931 0	9,004 72,537 4,931 0	9,274 73,988 4,931 0	9,552 75,468 4,931 0	9,839 76,977 4,931 0	10,134 78,517 4,931 0	10,438 80,087 4,931 0	10,751 81,689 4,931 0	11,074 83,323 4,931 0	11,406 84,989 4,931 0	11,748 86,689 4,931 0	12,100 88,423 4,931 0	12,463 90,191 4,931 0
151,242 350,306 (7,934) (56,648) (69,372)	156,681 350,467 (7,697) (54,958) (70,922)	157,357 350,677 (7,336) (52,380) (72,412)	160,502 350,890 (7,260) (51,836) (72,325)	163,724 351,108 (7,181) (51,269) (72,280)	167,003 351,330 (7,100) (50,690) (72,259)	173,039 351,556 (7,097) (49,552) (72,238)	173,739 351,787 (6,940) (48,979) (72,238)	177,219 352,023 (6,860) (48,421) (72,238)	180,769 352,263 (6,782) (47,878) (72,238)	184,390 352,509 (6,706) (47,954) (72,269)	191,047 352,759 (6,630) (46,835) (72,305)	191,843 353,014 (6,490) (46,337) (72,323)	195,678 353,274 (6,422) (45,855) (72,341)	199,592 353,540 (6,357) (45,390) (72,360)	203,588 353,810 (6,295) (44,942) (72,379)	207,667 354,086 (6,257) (44,942) (72,399)
367,594 367,594	373,570 373,570	375,906 375,906	379,970 379,970	384,102 384,102	388,284 388,284	394,586 394,586	396,798 396,798	401,150 401,150	405,560 405,560	410,029 410,029	416,831 416,831	419,140 419,140	423,784 423,784	428,495 428,495	433,272 433,272	438,118 438,118
9,959 -	9,929 -	9,900 -	9,892 -	9,840 -	9,811 -	9,781 -	9,774 -	9,723 -	9,694 -	9,664 -	9,657 -	9,607 -	9,578 -	9,549 -	9,542 -	
(367,594)	(373,570)	(375,906)	(379,970)	(384,102)	(388,284)	(394,586)	(396,798)	(401,150)	(405,560)	(410,029)	(416,831)	(419,140)	(423,784)	(428,495)	(433,272)	(438,118)
4,486,518 7.278%	4,212,602 7.278%	3,941,662 7.278%	3,670,569 7.278%	3,399,362 7.278%	3,128,064 7.278%	2,856,675 7.278%	2,585,211 7.278%	2,313,689 7.278%	2,042,109 7.278%	1,770,469 7.278%	1,498,769 7.278%	1,227,007 7.278%	955,181 7.278%	683,291 7.278%	411,336 7.278%	139,313 7.278%
326,549	306,612	286,892	267,161	247,421	227,675	207,922	188,163	168,401	148,634	128,863	109,087	89,307	69,522	49,733	29,939	10,140

250530212

APPALACHIAN POWER COMPANY  
2025 AMHERST COST OF SERVICE  
PUR-2025-00049  
TOTAL COMPANY REVENUE REQUIREMENT

APCO Exhibit No. \_\_\_\_\_  
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## Calculation of Revenue Requirements

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Operations and Maint Expense - Account 549	22,375	22,703	24,491	24,944	24,242	26,702	27,189	27,680
Property Tax Expense - Account 408	-	-	-	-	-	-	-	-
Insurance - Account 924	1,871	2,058	2,264	2,332	2,402	2,474	2,548	2,624
Land Lease - Account 550	21,516	21,946	22,385	22,833	23,290	23,755	24,231	24,715
ARO Depreciation Expense - Account 403	2,306	2,306	2,306	2,306	2,306	2,306	2,306	2,306
Accretion Expense - Account 411	-	-	-	-	-	-	-	-
<b>O&amp;M Expenses</b>	<b>48,068</b>	<b>49,014</b>	<b>51,446</b>	<b>52,415</b>	<b>52,240</b>	<b>55,238</b>	<b>56,274</b>	<b>57,326</b>
<b>Depreciation - Account 403</b>	<b>161,526</b>	<b>161,526</b>	<b>161,526</b>	<b>161,526</b>	<b>161,526</b>	<b>161,526</b>	<b>161,526</b>	<b>161,526</b>
<b>SIT</b>	<b>(37,265)</b>	<b>(56,332)</b>	<b>(35,484)</b>	<b>(22,927)</b>	<b>(22,743)</b>	<b>(13,392)</b>	<b>(4,031)</b>	<b>(3,974)</b>
<b>Current FIT</b>	<b>(266,069)</b>	<b>(402,200)</b>	<b>(253,353)</b>	<b>(163,698)</b>	<b>(162,382)</b>	<b>(95,615)</b>	<b>(28,779)</b>	<b>(28,375)</b>
<b>Deferred FIT</b>	<b>203,523</b>	<b>345,989</b>	<b>194,025</b>	<b>102,847</b>	<b>102,847</b>	<b>34,463</b>	<b>(33,920)</b>	<b>(33,920)</b>
<b>Total Expenses</b>	<b>109,783</b>	<b>97,997</b>	<b>118,160</b>	<b>130,163</b>	<b>131,487</b>	<b>142,220</b>	<b>151,070</b>	<b>152,582</b>
 PTC Rate	\$ -	\$ -	\$ 30.00	\$ 31.00	\$ 31.00	\$ 32.00	\$ 32.00	\$ 33.00
PTC %	0%	0%	100%	100%	100%	100%	100%	100%
Net PTC	0	0	146,631	146,776	149,625	147,098	146,215	148,828
<b>Operating Income</b>	<b>(109,783)</b>	<b>(97,997)</b>	<b>28,471</b>	<b>16,614</b>	<b>18,137</b>	<b>4,878</b>	<b>(4,855)</b>	<b>(3,753)</b>
 Rate Base	5,288,365	4,780,849	4,425,298	4,160,925	3,896,552	3,700,563	3,572,957	3,445,352
After Tax WACC	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%
<b>Return on Rate Base</b>	<b>384,911</b>	<b>347,972</b>	<b>322,093</b>	<b>302,851</b>	<b>283,609</b>	<b>269,344</b>	<b>260,056</b>	<b>250,76</b>
 Revenue Needed	<b>650,572</b>	<b>586,493</b>	<b>386,142</b>	<b>376,431</b>	<b>349,122</b>	<b>347,799</b>	<b>348,385</b>	<b>334,722</b>
\$/MWh Cost	\$132.31	\$119.36	\$79.00	\$77.25	\$71.86	\$71.64	\$72.14	\$69.52
 Expected Annual Output	4,917	4,913	4,888	4,873	4,858	4,855	4,829	4,815
LCOE \$/MWh	<b>\$88.01</b>							
 Operating Income Deficiency	\$ 494,694	\$ 445,969	\$ 293,622	\$ 286,238	\$ 265,472	\$ 264,466	\$ 264,912	\$ 254,522
Gross Up Factor	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32
Revenue Requirement	\$ 650,572	\$ 586,493	\$ 386,142	\$ 376,431	\$ 349,122	\$ 347,799	\$ 348,385	\$ 334,722
 <b>ROE Proof</b>								
Rev Rec	\$ 650,572	\$ 586,493	\$ 386,142	\$ 376,431	\$ 349,122	\$ 347,799	\$ 348,385	\$ 334,722
O&M and Depreciation	\$ 209,594	\$ 210,540	\$ 212,972	\$ 213,941	\$ 213,766	\$ 216,764	\$ 217,800	\$ 218,851
Taxes	\$ 56,066	\$ 27,982	\$ (148,924)	\$ (140,361)	\$ (148,253)	\$ (138,308)	\$ (129,471)	\$ (134,899)
Total Expenses	\$ 265,661	\$ 238,521	\$ 64,049	\$ 73,580	\$ 65,513	\$ 78,456	\$ 88,329	\$ 83,95
After Tax Total Return Component	\$ 384,911	\$ 347,972	\$ 322,093	\$ 302,851	\$ 283,609	\$ 269,344	\$ 260,056	\$ 250,76
Interest Expense	\$ 125,510	\$ 113,485	\$ 105,027	\$ 98,753	\$ 92,478	\$ 87,827	\$ 84,798	\$ 81,77
Equity Return	\$ 259,401	\$ 234,507	\$ 217,066	\$ 204,099	\$ 191,131	\$ 181,517	\$ 175,258	\$ 168,99
Equity Capital	\$ 2,660,521	\$ 2,405,196	\$ 2,226,322	\$ 2,093,318	\$ 1,960,315	\$ 1,861,715	\$ 1,797,518	\$ 1,733,32
ROE Check	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%
	TRUE							
 O&M	\$ 48,068	\$ 49,014	\$ 51,446	\$ 52,415	\$ 52,240	\$ 55,238	\$ 56,274	\$ 57,326
Depreciation	\$ 161,526	\$ 161,526	\$ 161,526	\$ 161,526	\$ 161,526	\$ 161,526	\$ 161,526	\$ 161,526
Tax Expense	\$ 56,066	\$ 27,982	\$ (148,924)	\$ (140,361)	\$ (148,253)	\$ (138,308)	\$ (129,471)	\$ (134,899)
Return On Ratebase	\$ 384,911	\$ 347,972	\$ 322,093	\$ 302,851	\$ 283,609	\$ 269,344	\$ 260,056	\$ 250,76

250530212

APPALACHIAN POWER COMPANY  
2025 AMHERST COST OF SERVICE  
PUR-2025-00049  
APCO VIRGINIA RETAIL REVENUE REQUIREMENT

APCO Exhibit No. \_\_\_\_\_  
Witness: JNC  
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Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20
28,186	29,636	29,234	29,781	30,320	30,887	32,495	32,097	32,740	33,395	34,072	35,893
-	-	-	-	-	-	-	-	-	-	-	-
2,703	2,784	2,868	2,954	3,042	3,134	3,228	3,325	3,424	3,527	3,633	3,747
25,209	25,714	26,228	26,752	27,287	27,833	28,390	28,958	29,537	30,128	30,730	31,343
2,306	2,306	2,306	2,306	2,306	2,306	2,306	2,306	2,306	2,306	2,306	2,306
-	-	-	-	-	-	-	-	-	-	-	-
58,405	60,440	60,636	61,793	62,956	64,160	66,419	66,686	68,007	69,356	70,742	73,288
161,526	161,526	161,593	161,661	161,731	161,802	163,566	163,635	163,706	163,778	163,852	163,925
(3,919)	(3,890)	(3,824)	(3,794)	(3,755)	(3,713)	(4,077)	(4,203)	(3,936)	(3,758)	(3,711)	(3,607)
(27,978)	(27,775)	(27,303)	(27,086)	(26,811)	(26,510)	(29,109)	(30,007)	(28,103)	(26,831)	(26,496)	(25,704)
(33,920)	(33,920)	(33,836)	(33,691)	(33,607)	(33,558)	(31,376)	(29,867)	(31,473)	(32,439)	(32,448)	(33,174)
154,114	156,380	157,265	158,883	160,514	162,181	165,423	166,244	168,201	170,106	171,938	174,731
\$ 34.00	\$ 34.00										
100%	100%										
160,481	163,090										
6,367	6,710	(157,265)	(158,883)	(160,514)	(162,181)	(165,423)	(166,244)	(168,201)	(170,106)	(171,938)	(174,731)
3,317,746	3,190,140	3,064,723	2,939,138	2,813,448	2,687,886	2,617,238	2,485,903	2,356,151	2,227,343	2,098,520	1,970,391
7,278%	7,278%	7,278%	7,278%	7,278%	7,278%	7,278%	7,278%	7,278%	7,278%	7,278%	7,278%
241,481	232,193	223,065	213,924	204,776	195,622	190,495	180,935	171,491	162,116	152,740	143,417
309,198	296,533	500,171	490,279	480,392	470,547	468,067	456,575	446,730	436,906	426,984	418,391
\$64.41	\$61.82	\$104.82	\$103.06	\$101.28	\$99.28	\$99.28	\$97.13	\$95.33	\$93.30	\$91.66	\$90.00
4,800	4,797	4,772	4,757	4,743	4,739	4,715	4,700	4,686	4,683	4,658	4,647
\$ 235,114	\$ 225,483	\$ 380,330	\$ 372,807	\$ 365,289	\$ 357,803	\$ 355,918	\$ 347,179	\$ 339,692	\$ 332,223	\$ 324,678	\$ 318,141
1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32
\$ 309,198	\$ 296,533	\$ 500,171	\$ 490,279	\$ 480,392	\$ 470,547	\$ 468,067	\$ 456,575	\$ 446,730	\$ 436,906	\$ 426,984	\$ 418,391
219,931	221,966	222,229	223,455	224,687	225,962	229,985	230,321	231,713	233,135	234,594	237,217
\$ (152,213)	\$ (157,626)	\$ 54,878	\$ 52,901	\$ 50,930	\$ 48,963	\$ 47,588	\$ 45,319	\$ 43,525	\$ 41,655	\$ 39,651	\$ 37,765
\$ 67,717	\$ 64,340	\$ 277,107	\$ 276,355	\$ 275,616	\$ 274,925	\$ 277,573	\$ 275,640	\$ 275,238	\$ 274,790	\$ 274,244	\$ 274,985
\$ 241,481	\$ 232,193	\$ 223,065	\$ 213,924	\$ 204,776	\$ 195,622	\$ 190,495	\$ 180,935	\$ 171,491	\$ 162,116	\$ 152,740	\$ 143,417
\$ 78,741	\$ 75,713	\$ 72,736	\$ 69,756	\$ 66,772	\$ 63,788	\$ 62,116	\$ 58,999	\$ 55,919	\$ 52,862	\$ 49,805	\$ 46,767
\$ 162,740	\$ 156,480	\$ 150,328	\$ 144,168	\$ 138,003	\$ 131,834	\$ 128,379	\$ 121,937	\$ 115,572	\$ 109,254	\$ 102,935	\$ 98,658
\$ 1,669,124	\$ 1,604,927	\$ 1,541,830	\$ 1,478,650	\$ 1,415,416	\$ 1,352,147	\$ 1,316,705	\$ 1,250,632	\$ 1,185,355	\$ 1,120,553	\$ 1,055,744	\$ 991,285
9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%
\$ 58,405	\$ 60,440	\$ 60,636	\$ 61,793	\$ 62,956	\$ 64,160	\$ 66,419	\$ 66,686	\$ 68,007	\$ 69,356	\$ 70,742	\$ 73,288
\$ 161,526	\$ 161,526	\$ 161,593	\$ 161,661	\$ 161,731	\$ 161,802	\$ 163,566	\$ 163,635	\$ 163,706	\$ 163,778	\$ 163,852	\$ 163,925
\$ (152,213)	\$ (157,626)	\$ 54,878	\$ 52,901	\$ 50,930	\$ 48,963	\$ 47,588	\$ 45,319	\$ 43,525	\$ 41,655	\$ 39,651	\$ 37,765
\$ 241,481	\$ 232,193	\$ 223,065	\$ 213,924	\$ 204,776	\$ 195,622	\$ 190,495	\$ 180,935	\$ 171,491	\$ 162,116	\$ 152,740	\$ 143,417

250530212

APPALACHIAN POWER COMPANY  
2025 AMHERST COST OF SERVICE  
PUR-2025-00049  
APCO VIRGINIA RETAIL REVENUE REQUIREMENT

APCO Exhibit No.         
Witness: JNC  
Schedule 1  
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Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30	Year 31	Year 32	Year 33	Year 34	Year 35
35,470	36,186	36,922	37,667	39,686	39,191	39,979	40,781	41,598	43,816	43,273	44,132	45,008	45,901	46,812
3,854	3,970	4,089	4,211	4,338	4,468	4,602	4,740	4,882	5,029	5,180	5,335	5,495	5,660	5,830
31,972	32,611	33,263	33,929	34,607	35,299	36,005	36,725	37,460	38,209	39,973	39,753	40,548	41,359	42,186
2,306	2,306	2,306	2,306	2,306	2,306	2,306	2,306	2,306	2,306	2,306	2,306	2,306	2,306	2,306
73,602	75,073	76,580	78,114	80,937	81,264	82,892	84,553	86,246	89,360	89,733	91,526	93,357	95,226	97,134
164,025	164,125	164,227	164,331	164,437	164,545	164,655	164,767	164,882	164,999	165,118	165,240	165,364	165,491	165,620
(3,431)	(3,396)	(3,359)	(3,321)	(3,320)	(3,246)	(3,209)	(3,172)	(3,137)	(3,142)	(3,068)	(3,036)	(3,004)	(2,974)	(2,944)
(24,500)	(24,246)	(23,981)	(23,710)	(23,702)	(23,177)	(22,909)	(22,648)	(22,394)	(22,430)	(21,907)	(21,673)	(21,448)	(21,230)	(21,021)
(33,870)	(33,829)	(33,808)	(33,798)	(33,789)	(33,787)	(33,795)	(33,803)	(33,811)	(33,820)	(33,828)	(33,837)	(33,846)	(33,855)	(33,864)
175,826	177,727	179,660	181,615	184,563	185,598	187,634	189,696	191,786	194,968	196,048	198,221	200,424	202,658	204,925
(175,826)	(177,727)	(179,660)	(181,615)	(184,563)	(185,598)	(187,634)	(189,696)	(191,786)	(194,968)	(196,048)	(198,221)	(200,424)	(202,658)	(204,925)
1,843,669	1,716,868	1,590,014	1,463,118	1,336,178	1,209,204	1,082,203	955,174	828,118	701,033	573,919	446,776	319,602	192,398	65,162
7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%
134,191	124,961	115,728	106,492	97,253	88,011	78,768	69,522	60,274	51,024	41,772	32,518	23,262	14,004	4,743
447,703	398,065	388,465	378,891	370,617	359,824	350,344	340,898	331,485	323,505	312,758	303,445	294,169	284,932	275,734
\$ 86.05	\$ 86.03	\$ 84.40	\$ 82.57	\$ 81.01	\$ 78.71	\$ 77.04	\$ 75.19	\$ 73.33	\$ 71.52	\$ 69.60	\$ 67.74	\$ 65.86	\$ 63.84	\$ 62.11
4,630	4,627	4,603	4,589	4,575	4,572	4,548	4,534	4,520	4,517	4,493	4,480	4,466	4,463	4,440
\$ 310,016	\$ 302,688	\$ 295,388	\$ 288,108	\$ 281,816	\$ 273,609	\$ 266,401	\$ 259,218	\$ 252,061	\$ 245,992	\$ 237,820	\$ 230,739	\$ 223,686	\$ 216,662	\$ 209,668
1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32
\$ 407,703	\$ 398,065	\$ 388,465	\$ 378,891	\$ 370,617	\$ 359,824	\$ 350,344	\$ 340,898	\$ 331,485	\$ 323,505	\$ 312,758	\$ 303,445	\$ 294,169	\$ 284,932	\$ 275,734
\$ 407,703	\$ 398,065	\$ 388,465	\$ 378,891	\$ 370,617	\$ 359,824	\$ 350,344	\$ 340,898	\$ 331,485	\$ 323,505	\$ 312,758	\$ 303,445	\$ 294,169	\$ 284,932	\$ 275,734
\$ 407,703	\$ 398,065	\$ 388,465	\$ 378,891	\$ 370,617	\$ 359,824	\$ 350,344	\$ 340,898	\$ 331,485	\$ 323,505	\$ 312,758	\$ 303,445	\$ 294,169	\$ 284,932	\$ 275,734
237,627	239,198	240,807	242,444	245,374	245,809	247,547	249,320	251,129	254,359	254,851	256,766	258,721	260,717	262,754
\$ 35,885	\$ 33,906	\$ 31,929	\$ 29,954	\$ 27,990	\$ 26,003	\$ 24,030	\$ 22,056	\$ 20,082	\$ 18,121	\$ 16,134	\$ 14,160	\$ 12,186	\$ 10,212	\$ 8,237
\$ 273,512	\$ 273,104	\$ 272,736	\$ 272,398	\$ 273,363	\$ 271,812	\$ 271,577	\$ 271,376	\$ 271,211	\$ 272,480	\$ 270,985	\$ 270,926	\$ 270,907	\$ 270,928	\$ 270,991
\$ 134,191	\$ 124,961	\$ 115,728	\$ 108,492	\$ 97,253	\$ 88,011	\$ 78,768	\$ 69,522	\$ 60,274	\$ 51,024	\$ 41,772	\$ 32,518	\$ 23,262	\$ 14,004	\$ 4,743
\$ 43,756	\$ 40,747	\$ 37,736	\$ 34,725	\$ 31,712	\$ 28,698	\$ 25,684	\$ 22,669	\$ 19,654	\$ 16,638	\$ 13,621	\$ 10,603	\$ 7,585	\$ 4,566	\$ 1,547
\$ 90,434	\$ 84,215	\$ 77,992	\$ 71,768	\$ 65,541	\$ 59,313	\$ 53,083	\$ 46,852	\$ 40,620	\$ 34,387	\$ 28,151	\$ 21,915	\$ 15,677	\$ 9,437	\$ 3,196
\$ 927,531	\$ 869,739	\$ 799,920	\$ 736,079	\$ 672,217	\$ 608,338	\$ 544,445	\$ 480,538	\$ 416,617	\$ 352,682	\$ 288,733	\$ 224,768	\$ 160,788	\$ 96,793	\$ 32,782
9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%	9.75%
\$ 73,602	\$ 75,073	\$ 76,580	\$ 78,114	\$ 80,937	\$ 81,264	\$ 82,892	\$ 84,553	\$ 86,246	\$ 89,360	\$ 89,733	\$ 91,526	\$ 93,357	\$ 95,226	\$ 97,134
\$ 164,025	\$ 164,125	\$ 164,227	\$ 164,331	\$ 164,437	\$ 164,545	\$ 164,655	\$ 164,767	\$ 164,882	\$ 164,999	\$ 165,118	\$ 165,240	\$ 165,364	\$ 165,491	\$ 165,620
\$ 35,885	\$ 33,906	\$ 31,929	\$ 29,954	\$ 27,990	\$ 26,003	\$ 24,030	\$ 22,056	\$ 20,082	\$ 18,121	\$ 16,134	\$ 14,160	\$ 12,186	\$ 10,212	\$ 8,237
\$ 134,191	\$ 124,961	\$ 115,728	\$ 106,492	\$ 97,253	\$ 88,011	\$ 78,768	\$ 69,522	\$ 60,274	\$ 51,024	\$ 41,772	\$ 32,518	\$ 23,262	\$ 14,004	\$ 4,743



7	8	9	10	11	12	13	14														
Adjustments	Adjusted Retail	Retail	Adjustments	Adjusted Retail	Retail	Adjustments															
744,826	744,826	715,616	715,615	661,046	661,046	633,971	633,971	1,069,330	1,069,330	1,046,169	1,046,169	1,027,052	1,027,052	1,006,004							
120,311	122,659	122,559	124,866	124,866	129,217	129,217	129,836	129,836	132,111	132,111	134,597	134,597	137,171	137,171	136,923						
345,304	345,334	345,334	345,334	345,334	345,334	345,334	345,477	345,477	345,022	345,022	345,771	345,771									
161,204	174,819	174,819	169,344	169,344	161,000	161,000	156,609	156,609	149,133	149,133	142,756	142,756	136,375	136,375							
\$ 744,826	\$ 97,890	\$ (842,712)	\$ 715,616	\$ 72,964	\$ (838,544)	\$ 661,046	\$ 22,504	\$ (836,420)	\$ 633,971	\$ (2,449)	\$ (836,818)	\$ 1,069,330	\$ 438,721	\$ (626,867)	\$ 1,046,169	\$ 421,322	\$ (623,124)	\$ 1,027,052	\$ 403,928	\$ (819,489)	\$ 1,006,004
345,304	345,334	345,334	345,334	345,334	345,334	345,334	345,334	345,334	345,477	345,477	345,022	345,022	342,130	342,130	341,042	341,042					
\$ 744,826	\$ 443,224	\$ (297,378)	\$ 715,616	\$ 418,208	\$ (293,210)	\$ 661,046	\$ 367,838	\$ (291,087)	\$ 633,971	\$ 342,868	\$ (286,142)	\$ 1,069,330	\$ 783,197	\$ (283,864)	\$ 1,046,169	\$ 764,026	\$ (280,985)	\$ 1,027,052	\$ 746,086	\$ (277,827)	\$ 1,006,004
2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	
\$ 21,281	\$ 12,664	\$ (8,497)	\$ 20,447	\$ 11,950	\$ (8,378)	\$ 18,887	\$ 10,810	\$ (8,317)	\$ 19,114	\$ 9,797	\$ (8,176)	\$ 30,853	\$ 22,378	\$ (8,111)	\$ 29,949	\$ 21,630	\$ (8,028)	\$ 29,345	\$ 21,317	\$ (7,838)	\$ 28,744

15	16	17	18	19	20	21															
Adjusted Retail	Retail	Adjustments	Adjusted Retail	Retail	Adjustments	Adjusted Retail	Retail	Adjustments	Adjusted Retail	Retail	Adjustments	Adjusted Retail	Retail	Adjustments	Adjusted Retail						
1,006,004		1,000,702	1,000,702	976,132	976,132	956,083	956,083	934,081	934,081	912,868	912,868	894,508	894,508	871,645	871,645						
137,171	142,001		142,001	142,571		142,571	145,395	145,395	148,280	151,242	151,242	156,681	156,681	157,357	157,357						
345,923	349,694		349,694	349,843		349,843	349,994	349,994	350,149	350,308	350,308	350,467	350,467	350,677	350,677						
136,329	132,800		132,800	126,136		126,136	119,582	119,582	112,017	109,480	109,480	106,070	106,070	103,549	103,549						
\$ 386,535	\$ (624,495)	\$ 1,000,702	\$ 378,207	\$ (616,850)	\$ 976,132	\$ 357,583	\$ (614,943)	\$ 956,083	\$ 340,140	\$ (611,440)	\$ 934,081	\$ 322,635	\$ (608,028)	\$ 912,868	\$ 304,840	\$ (607,127)	\$ 894,508	\$ 287,381	\$ (601,582)	\$ 871,645	\$ 270,063
341,842	319,434		319,434	304,060		304,060	320,421	320,421	330,254	330,342	330,342	337,724	337,724	344,817	344,817						
\$ 728,177	\$ (305,001)	\$ 1,000,702	\$ 095,040	\$ (314,480)	\$ 976,132	\$ 861,852	\$ (294,522)	\$ 956,083	\$ 660,561	\$ (281,191)	\$ 934,081	\$ 652,689	\$ (277,666)	\$ 912,868	\$ 636,162	\$ (269,403)	\$ 894,508	\$ 626,105	\$ (256,765)	\$ 871,645	\$ 614,880
2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	
\$ 70,805	\$ (8,716)	\$ 28,592	\$ 19,876	\$ (8,985)	\$ 27,860	\$ 18,805	\$ (8,415)	\$ 27,289	\$ 18,874	\$ (8,034)	\$ 26,889	\$ 18,654	\$ (7,934)	\$ 26,082	\$ 18,148	\$ (7,897)	\$ 25,858	\$ 17,850	\$ (7,336)	\$ 24,905	\$ 17,368



20	30	31	32	33	34	35																																
Adjustments	Adjusted Retail	Retail																																				
708,696	708,696	691,635	691,635	688,658	688,658	688,658	688,658	688,658	648,748	648,748	648,748	628,917	628,917	628,917	609,169	609,169	589,504																					
184,390	184,390	191,047	191,047	191,843	191,843	191,843	191,843	191,843	195,578	195,578	195,578	195,678	195,678	195,678	203,568	203,568	207,667																					
362,569	362,569	352,769	352,769	353,014	353,014	353,014	353,014	353,014	353,274	353,274	353,274	353,274	353,274	353,274	353,540	353,540	354,066																					
43,010	43,010	35,571	35,571	29,121	29,121	29,121	29,121	29,121	22,870	22,870	22,870	20,670	20,670	20,670	16,217	16,217	9,762																					
\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$																					
708,696	126,778	(\$579,377)	691,635	112,258	(\$373,978)	688,658	94,680	(\$371,622)	648,748	77,126	(\$569,348)	628,917	59,369	(\$567,160)	609,169	42,008	(\$565,068)	589,504																				
344,223	344,308		344,308	344,304		344,304	344,481		344,481	344,481		344,481	344,671		344,662		344,706																					
\$	\$			\$			\$						\$																									
708,696	474,001	\$	(205,069)	691,635	450,668	\$	(220,686)	688,658	430,074	\$	(227,140)	648,748	421,606	\$	(224,777)	628,917	404,140	\$	(222,498)																			
2.86%	2.86%		2.86%	2.86%	2.86%		2.86%	2.86%	2.86%		2.86%	2.86%	2.86%		2.86%	2.86%	2.86%																					
\$	\$			\$			\$						\$																									
20,248	13,543	\$	(6,718)	\$	19,761	3	13,045	\$	(6,950)	\$	19,105	3	12,545	\$	(6,480)	\$	18,536	\$	12,046	\$	(6,422)	\$	17,969	\$	11,047	\$	(6,337)	\$	17,405	\$	11,048	\$	(6,395)	\$	16,843	\$	10,561	\$

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Year	Line No.	Description	1 Retail	1 Adjusted Retail	2 Retail	2 Adjusted Retail	3 Retail	3 Adjusted Retail	4 Retail	4 Adjusted Retail	5 Retail	5 Adjusted Retail	6 Retail	6 Adjusted Retail						
1		Incremental Revenue	1,390,857	1,390,857	1,263,880	1,263,880	820,851	828,561	804,785	804,785	746,403	746,403	743,578							
2		Operations and Maintenance Expense	102,767	102,767	104,769	104,769	109,989	109,989	112,000	112,000	111,685	111,685	118,095							
3		Depreciation and Amortization Expense	346,334	346,334	346,334	346,334	346,334	346,334	346,334	346,334	345,334	345,334	346,334							
4		State Income Tax	(70,671)	(70,671)	(70,671)	(70,671)	35,625	164,961	23,685	(57,278)	22,994	(20,023)	(27,971)	21,326						
5		Total Other than Federal Income Tax																		
6		Interest Expense	206,334	206,334	242,083	242,083	247,083	274,542	224,542	211,126	211,126	197,713	197,713	187,769						
7		Income Before Taxes	\$ (836,764)	\$ 1,381,146	\$ 714,382	\$ (672,271)	\$ 1,210,064	\$ 848,793	\$ (604,602)	\$ 801,963	\$ 197,862	\$ (618,941)	\$ 781,794	\$ 182,290	\$ (609,199)	\$ 729,977	\$ 118,408	\$ (822,587)	\$ 722,336	
8		AUDFC Equity																		
9		Tax over Book Depreciation	(2,072,063)	(2,072,063)	(2,072,405)	(2,072,405)	(3,622,404)	(1,976,309)	(1,976,309)	(1,976,309)	(1,047,052)	(1,047,052)	(1,047,052)	(1,047,052)	(1,047,052)	(1,047,052)	(1,047,052)	(1,047,052)	(1,047,052)	(1,047,052)
10		Taxable/Federal Income	\$ (2,708,767)	\$ 1,381,146	\$ (1,307,621)	\$ (4,094,970)	\$ 1,210,064	\$ (2,870,812)	\$ (2,070,311)	\$ 801,963	\$ (1,777,348)	\$ (1,668,586)	\$ 781,794	\$ (864,762)	\$ (1,053,161)	\$ 725,077	\$ (928,084)	\$ (873,426)	\$ 722,336	
11		Federal Tax Rate	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%		
12		Federal Income Taxes																		
13		Amortization Expense - Deferred Excess ADIT	\$ (666,841)	\$ 263,741	\$ (265,100)	\$ (859,882)	\$ 256,794	\$ (804,080)	\$ (641,655)	\$ 166,412	\$ (373,243)	\$ (349,977)	\$ 164,177	\$ (185,600)	\$ (347,164)	\$ 157,260	\$ (194,098)	\$ (204,419)	\$ 151,685	
14		Federal Income Tax Expense	\$ (666,841)	\$ 263,741	\$ (265,100)	\$ (859,882)	\$ 256,794	\$ (804,080)	\$ (641,655)	\$ 166,412	\$ (373,243)	\$ (349,977)	\$ 164,177	\$ (185,600)	\$ (347,164)	\$ 157,260	\$ (194,098)	\$ (204,419)	\$ 151,685	

Adjusted Retail	Retail	7 Adjusted Retail	Adjusted Retail	Retail	8 Adjusted Retail	Adjusted Retail	Retail	9 Adjusted Retail	Adjusted Retail	Retail	10 Adjusted Retail	Adjusted Retail	Retail	11 Adjusted Retail	Adjusted Retail	Retail	12 Adjusted Retail	Adjusted Retail	Retail	13 Adjusted Retail	Adjusted Retail	Retail	
743,576		744,820	744,820		715,616	715,616		661,048	661,048		633,971	633,971		1,069,339	1,069,339		1,048,180	1,048,180		1,027,082	1,027,082		
118,095	120,311	120,311	122,889		122,559	124,866		124,866	126,217		129,638	132,111		132,111	134,907		134,907	137,171		134,097	137,171		
349,334	349,334	349,334	345,334		349,334	345,334		345,334	346,334		345,477	346,022		346,022	345,822		345,822	346,771		346,571	346,923		
(7,085)	(6,617)	21,281	12,664	(8,497)	20,447	11,950	(8,378)	16,887	16,510	(8,317)	16,114	9,757	(8,176)	30,553	22,378	(8,111)	26,949	21,830	(8,026)	29,346	21,317	(7,036)	
187,766	181,294		181,294		174,810	174,810		168,344	168,344		161,869	165,506		165,506	149,133		149,133	142,766		142,766	135,275		
\$ 99,764	\$ (636,324)	\$ 723,547	\$ 66,226	\$ (634,216)	\$ 895,170	\$ 80,955	\$ (630,166)	\$ 642,181	\$ 11,995	\$ (628,103)	\$ 616,857	\$ (12,246)	\$ (622,443)	\$ 1,038,788	\$ 410,343	\$ (618,786)	\$ 1,018,240	\$ 396,484	\$ (616,098)	\$ 997,707	\$ 382,611	\$ (611,630)	
(350,656)		349,334	345,334	345,334		345,334	345,334		345,334	346,334		344,477	344,477		344,477	343,002		343,002	342,130		342,130	341,642	
\$ (751,095)	\$ (202,087)	\$ 723,547	\$ 430,560	\$ (698,881)	\$ 695,170	\$ 406,288	\$ (284,633)	\$ 642,181	\$ 367,325	\$ (282,770)	\$ 616,857	\$ 330,088	\$ (277,966)	\$ 1,038,788	\$ 760,820	\$ (276,754)	\$ 1,018,240	\$ 742,480	\$ (272,867)	\$ 997,707	\$ 724,766	\$ (269,889)	
21%	21%		21%	21%		21%	21%		21%	21%		21%	21%		21%	21%		21%	21%		21%	21%	
\$ (52,730)	\$ (61,527)	\$ 101,945	\$ 90,416	\$ (60,605)	\$ 145,986	\$ 85,321	\$ (59,815)	\$ 134,854	\$ 75,039	\$ (56,380)	\$ 120,330	\$ 69,048	\$ (56,373)	\$ 218,145	\$ 109,772	\$ (57,906)	\$ 213,830	\$ 155,922	\$ (67,321)	\$ 209,618	\$ 152,107	\$ (56,677)	
\$ (92,730)	\$ (61,527)	\$ 191,945	\$ 90,416	\$ (60,605)	\$ 145,986	\$ 85,321	\$ (59,815)	\$ 134,854	\$ 75,039	\$ (56,380)	\$ 120,330	\$ 69,048	\$ (56,373)	\$ 218,145	\$ 109,772	\$ (57,906)	\$ 213,830	\$ 185,922	\$ (67,321)	\$ 209,618	\$ 152,107	\$ (56,677)	



Adjusted Retail	21			22			23			24			25			26			27			
	Retail	Adjustments	Adjusted Retail																			
804,508		871,045	871,045		851,041	851,041		830,516	830,516		810,047	810,047		792,358	792,358		769,263	769,263		749,017	749,017	
166,081		157,307	157,307	160,302		160,302		160,502	160,502	163,724	167,003		167,003	173,039		173,739	173,739		177,219	177,219		
350,467		350,677	350,677	350,800		350,800		350,800	351,108	351,236	351,236		351,236	351,556		351,787	351,787		365,523	365,523		
17,860	(73,360)	24,905	17,548	(7,260)	24,410	17,056	(7,181)	23,720	18,549	17,700	23,145	18,045	(7,071)	22,639	15,642	16,940	21,090	(6,980)	21,401	14,541		
99,070	92,549	93,549	87,115		87,115		80,678	80,678	74,239	74,239		67,708	67,708		61,396	61,396		54,912	54,912			
\$ 289,024	\$ 1994,246	\$ 846,741	\$ 282,995	\$ (691,246)	\$ 826,723	\$ 235,479	\$ (848,330)	\$ 806,787	\$ 218,487	\$ (855,472)	\$ 768,862	\$ 201,430	\$ (856,206)	\$ 769,718	\$ 184,422	\$ (579,341)	\$ 747,303	\$ 187,382	\$ (577,294)	\$ 727,616	\$ 185,222	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
337,724		344,817		344,817		344,407		344,407		344,101		344,092		344,092		343,991		343,991		343,080		344,050
\$ 607,244	\$ (249,429)	\$ 846,741	\$ 897,312	\$ (248,840)	\$ 826,725	\$ 579,888	\$ (244,130)	\$ 809,787	\$ 467,848	\$ (241,380)	\$ 768,862	\$ 545,922	\$ (241,305)	\$ 769,718	\$ 529,413	\$ (235,997)	\$ 747,303	\$ 511,341	\$ (233,204)	\$ 727,616	\$ 494,382	
21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%		
\$ 127,521	\$ (82,380)	\$ 177,816	\$ 125,435	\$ (61,836)	\$ 173,812	\$ 121,776	\$ (61,280)	\$ 169,425	\$ 116,100	\$ (60,690)	\$ 166,249	\$ 114,580	\$ (60,674)	\$ 161,641	\$ 110,967	\$ (60,662)	\$ 166,034	\$ 107,382	\$ (60,670)	\$ 152,709	\$ 103,820	
\$ 127,521	\$ (82,380)	\$ 177,816	\$ 125,435	\$ (61,836)	\$ 173,812	\$ 121,776	\$ (61,280)	\$ 169,425	\$ 116,100	\$ (60,690)	\$ 166,249	\$ 114,580	\$ (60,674)	\$ 161,641	\$ 110,967	\$ (60,662)	\$ 166,934	\$ 107,382	\$ (60,670)	\$ 152,709	\$ 103,820	





250530212

APPALACHIAN POWER COMPANY  
2025 TOP HAT COST OF SERVICE  
PUR-2025-00049

APCO Exhibit No.\_\_\_\_\_  
Witness: JNC  
EXTRAORDINARILY SENSITIVE  
Public Version  
Schedule 2  
2 of 17

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037



APPALACHIAN POWER COMPANY  
 2025 TOP HAT COST OF SERVICE  
 PUR-2025-00049  
**GROSS REVENUE CONVERSION FACTOR**  
**Appalachian Power Company**  
 Computation of Gross Revenue Conversion Factor

APCO Exhibit No.\_\_\_\_\_  
 Witness: JNC  
**EXTRAORDINARILY SENSITIVE**  
 Public Version  
 Schedule 2  
 3 of 17

Gross Revenue Conversion Factor		1.3151
Line No.		=====
	Tax Rates	Percentage of Incremental Gross Revenues
1	Operating Revenues	100.00%
2	Less: Factoring Expense	<u>0.17%</u>
3	Income Before Income Taxes and VA Min Tax	99.83%
4	Less: VA Min Tax (Va Retail--1.45% x .499198)	<u>0.72%</u>
5	Income Before Income Taxes	99.11%
6	Less: State Income Taxes (Line 3 x State Tax Rate)	2.86% <u>2.8524%</u>
7	Income Before Federal Income Taxes	96.26%
8	Less: Federal Income Taxes (Line 5 x Federal Tax Rate)	21.00% <u>20.21%</u>
9	Operating Income Percentage	<u>76.04%</u>
10	Gross Revenue Conversion Factor (100% / Line 7)	<u><u>1.3151</u></u>

250530212

APPALACHIAN POWER COMPANY  
2025 TOP HAT COST OF SERVICE  
PUR-2025-00049  
JURISDICTIONAL ALLOCATION FACTORS

APCO Exhibit No. \_\_\_\_\_  
Witness: JNC  
EXTRAORDINARILY SENSITIVE  
Public Version  
Schedule 2  
4 of 17

APPALACHIAN POWER COMPANY  
ENERGY ALLOCATION FACTORS BY JURISDICTION  
TWELVE MONTHS ENDED DEC, 24

LINE NO.	TOTAL COMPANY	STATE JURISDICTION **		F.E.R.C. JURIS.		VIRGINIA LOCAL JURISDICTION			
		W.VA.	VIRGINIA	KINGSPORT	SALES FOR RESALE	PUBLIC AUTH.	COMM. OF VIRGINIA	STREET LIGHTING	
1	2	3	4	5	6	7	8	9	
<b><u>ENERGY - Including Kingsport and APCo's FERC customers</u></b>									
1	TOTAL MWH FOR 12-MONTHS	29,658,006	12,169,089	13,872,218	1,741,838	1,029,007	670,765	142,722	32,366
2	ENERGY ALLOCATION FACTORS	1.000000	0.410314	0.467739	0.058731	0.034696	0.022617	0.004812	0.001091

Virginia Retail Allocator

0.467739

APPALACHIAN POWER COMPANY  
 2025 TOP HAT COST OF SERVICE  
 PUR-2025-00049  
 APPALACHIAN POWER COMPANY  
 VIRGINIA RETAIL JURISDICTION  
 CAPITAL STRUCTURE AND COST OF CAPITAL  
 ACTUAL AS OF DECEMBER 31, 2024

APCO Exhibit No.  
 Witness: JNC  
 EXTRAORDINARILY SENSITIVE  
 Public Version  
 Schedule 2  
 5 of 17

Component	Amount Outstanding	Weight	Cost Rate	Weighted Cost
Short-Term Debt	95,006,412	0.83%	0.05%	0.00%
Long-Term Debt	5,582,425,574	48.86%	4.86%	2.37%
Preferred Stock	-	0.00%	0.00%	0.00%
Common Equity	5,748,033,504	50.31%	9.750%	4.91%
ITC	-	0.00%	0.00%	0.00%
Total Capitalization	\$ 11,425,465,489	100%		7.278%

## Rate Base Calculations

#### Year Depreciation Calc for P/T

Accrued Tax Depreciation Expense	114,438	183,101	109,861	65,916	65,916	33,239	770	1,144	1,449	1,761	2,081	2,362
Accumulated Tax Depreciation Expense	114,438	297,539	407,400	473,316	599,239	572,472	573,242	574,398	575,835	577,616	579,697	582,059

#### **Deferred Federal Taxes**

Annual Deferred Tax Expense	29,210	34,029	19,240	10,021	10,021	3,149	(3,880)	(3,814)	(3,563)	(3,508)	(3,462)	(3,423)
Accumulated Deferred Federal Income Tax	20,210	54,840	74,069	84,109	94,130	97,279	93,509	89,985	86,422	82,914	79,451	78,026

#### Tax Depreciation Rate for SIT

**Tax Depreciation Expense**

**Accum-Tax Depreciation Expenses**

Annual Deferred Tax Expense - Federal Benefit of State  
Accumulated Deferred Federal Income Tax (FIDOS) . . . . .

Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30
2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054
3,375	3,824	3,862	3,894	3,941	3,997	4,050	4,125	4,200	4,275	4,350	4,425	4,500	4,575	4,650	4,725	4,800	4,875
278,657	266,922	255,667	242,766	230,113	217,133	205,336	194,417	183,312	171,772	159,442	148,471	137,713	127,767	118,905	110,925	104,161	98,815
707	781	828	886	927	967	995	1,033	1,071	1,109	1,147	1,185	1,223	1,261	1,299	1,337	1,375	1,412
1,917,699	1,880,14	1,810,14	1,752,025	1,692,31	1,632,377	1,572,405	1,512,433	1,452,461	1,392,489	1,332,516	1,272,543	1,212,570	1,152,600	1,092,628	1,032,656	972,684	912,712
220,707	229,078	220,602	219,014	219,125	219,231	219,336	219,435	219,535	219,635	219,735	219,835	219,935	220,035	220,135	220,235	220,335	220,435
1,917,699	1,880,14	1,810,14	1,752,025	1,692,31	1,632,377	1,572,405	1,512,433	1,452,461	1,392,489	1,332,516	1,272,543	1,212,570	1,152,600	1,092,628	1,032,656	972,684	912,712
707	781	828	886	927	967	995	1,033	1,071	1,109	1,147	1,185	1,223	1,261	1,299	1,337	1,375	1,412
3,375	3,824	3,862	3,894	3,941	3,997	4,050	4,125	4,200	4,275	4,350	4,425	4,500	4,575	4,650	4,725	4,800	4,875
104	116	125	135	147	158	169	181	193	205	217	229	241	253	265	277	289	301
222	235	246	259	270	283	296	309	321	334	347	360	373	386	399	412	425	438
300	336	369	400	432	464	496	528	560	592	624	656	688	720	752	784	816	848
400	436	474	512	550	588	626	664	702	740	778	816	854	892	930	968	1,006	1,044
499	536	574	612	650	688	726	764	802	840	878	916	954	992	1,030	1,068	1,106	1,144
598	634	672	710	748	786	824	862	900	938	976	1,014	1,052	1,090	1,128	1,166	1,204	1,242
697	736	774	812	850	888	926	964	1,002	1,040	1,078	1,116	1,154	1,192	1,230	1,268	1,306	1,344
796	834	872	910	948	986	1,024	1,062	1,100	1,138	1,176	1,214	1,252	1,290	1,328	1,366	1,404	1,442
895	933	971	1,009	1,047	1,085	1,123	1,161	1,199	1,237	1,275	1,313	1,351	1,389	1,427	1,465	1,503	1,541
994	1,031	1,069	1,107	1,145	1,183	1,221	1,259	1,297	1,335	1,373	1,411	1,449	1,487	1,525	1,563	1,601	1,639
1,093	1,131	1,169	1,207	1,245	1,283	1,321	1,359	1,397	1,435	1,473	1,511	1,549	1,587	1,625	1,663	1,701	1,739
1,192	1,230	1,268	1,306	1,344	1,382	1,420	1,458	1,496	1,534	1,572	1,610	1,648	1,686	1,724	1,762	1,800	1,838
1,291	1,329	1,367	1,405	1,443	1,481	1,519	1,557	1,595	1,633	1,671	1,709	1,747	1,785	1,823	1,861	1,900	1,938
1,389	1,427	1,465	1,503	1,541	1,579	1,617	1,655	1,693	1,731	1,769	1,807	1,845	1,883	1,921	1,959	1,997	2,035
1,487	1,525	1,563	1,601	1,639	1,677	1,715	1,753	1,791	1,829	1,867	1,905	1,943	1,981	2,019	2,057	2,095	2,133
1,586	1,624	1,662	1,700	1,738	1,776	1,814	1,852	1,890	1,928	1,966	2,004	2,042	2,080	2,118	2,156	2,194	2,232
1,685	1,723	1,761	1,800	1,838	1,876	1,914	1,952	1,990	2,028	2,066	2,104	2,142	2,180	2,218	2,256	2,294	2,332
1,784	1,822	1,860	1,900	1,938	1,976	2,014	2,052	2,090	2,128	2,166	2,204	2,242	2,280	2,318	2,356	2,394	2,432
1,883	1,921	1,960	2,000	2,038	2,076	2,114	2,152	2,190	2,228	2,266	2,304	2,342	2,380	2,418	2,456	2,494	2,532
1,982	2,020	2,058	2,097	2,135	2,173	2,211	2,249	2,287	2,325	2,363	2,401	2,439	2,477	2,515	2,553	2,591	2,629
2,081	2,119	2,157	2,195	2,233	2,271	2,309	2,347	2,385	2,423	2,461	2,499	2,537	2,575	2,613	2,651	2,689	2,727
2,180	2,218	2,256	2,294	2,332	2,370	2,408	2,446	2,484	2,522	2,560	2,598	2,636	2,674	2,712	2,750	2,788	2,826
2,279	2,317	2,355	2,393	2,431	2,469	2,507	2,545	2,583	2,621	2,659	2,697	2,735	2,773	2,811	2,849	2,887	2,925
2,378	2,416	2,454	2,492	2,530	2,568	2,606	2,644	2,682	2,720	2,758	2,796	2,834	2,872	2,910	2,948	2,986	3,024
2,477	2,515	2,553	2,591	2,629	2,667	2,705	2,743	2,781	2,819	2,857	2,895	2,933	2,971	3,009	3,047	3,085	3,123
2,576	2,614	2,652	2,690	2,728	2,766	2,804	2,842	2,880	2,918	2,956	2,994	3,032	3,070	3,108	3,146	3,184	3,222
2,675	2,713	2,751	2,789	2,827	2,865	2,903	2,941	2,979	3,017	3,055	3,093	3,131	3,169	3,207	3,245	3,283	3,321
2,774	2,812	2,850	2,888	2,926	2,964	3,002	3,040	3,078	3,116	3,154	3,192	3,230	3,268	3,306	3,344	3,382	3,420
2,873	2,911	2,949	2,987	3,025	3,063	3,101	3,139	3,177	3,215	3,253	3,291	3,329	3,367	3,405	3,443	3,481	3,519
2,972	3,010	3,048	3,086	3,124	3,162	3,200	3,238	3,276	3,314	3,352	3,390	3,428	3,466	3,504	3,542	3,580	3,618
3,071	3,108	3,146	3,184	3,222	3,260	3,298	3,336	3,374	3,412	3,450	3,488	3,526	3,564	3,602	3,640	3,678	3,716
3,170	3,206	3,244	3,282	3,320	3,358	3,396	3,434	3,472	3,510	3,548	3,586	3,624	3,662	3,700	3,738	3,776	3,814
3,269	3,304	3,342	3,380	3,418	3,456	3,494	3,532	3,570	3,608	3,646	3,684	3,722	3,760	3,798	3,836	3,874	3,912
3,368	3,402	3,440	3,478	3,516	3,554	3,592	3,630	3,668	3,706	3,744	3,782	3,820	3,858	3,896	3,934	3,972	4,010
3,467	3,500	3,538	3,576	3,614	3,652	3,690	3,728	3,766	3,804	3,842	3,880	3,918	3,956	3,994	4,032	4,070	4,108
3,566	3,604	3,642	3,680	3,718	3,756	3,794	3,832	3,870	3,908	3,946	3,984	4,022	4,060	4,098	4,136	4,174	4,212
3,665	3,702	3,740	3,778	3,816	3,854	3,892	3,930	3,968	4,006	4,044	4,082	4,120	4,158	4,196	4,234	4,272	4,310
3,764	3,800	3,838	3,876	3,914	3,952	3,990	4,028	4,066	4,104	4,142	4,180	4,218	4,256	4,294	4,332	4,370	4,408
3,863	3,901	3,939	3,977	4,015	4,053	4,091	4,129	4,167	4,205	4,243	4,281	4,319	4,357	4,395	4,433	4,471	4,509
3,962	4,000	4,038	4,076	4,114	4,152	4,190	4,228	4,266	4,304	4,342	4,380	4,418	4,456	4,494	4,532	4,570	4,608
4,061	4,108	4,146	4,184	4,222	4,260	4,298	4,336	4,374	4,412	4,450	4,488	4,526	4,564	4,602	4,640	4,678	4,716
4,160	4,207	4,245	4,283	4,321	4,359	4,397	4,435	4,473	4,511	4,549	4,587	4,625	4,663	4,701	4,739	4,777	4,815
4,259	4,306	4,344	4,382	4,420	4,458	4,496	4,534	4,572	4,610	4,648	4,686	4,724	4,762	4,800	4,838	4,876	4,914
4,358	4,405	4,443	4,481	4,519	4,557	4,595	4,633	4,671	4,709	4,747	4,785	4,823	4,861	4,9	4,938	4,976	5,014
4,457	4,504	4,542	4,580	4,618	4,656	4,694	4,732	4,770	4,808	4,846	4,884	4,922	4,960	4,998	5,036	5,074	5,112
4,556	4,603	4,641	4,679	4,717	4,755	4,793	4,831	4,869	4,907	4,945	4,983	5,021	5,059	5,097	5,135	5,173	5,211
4,655	4,702	4,740	4,778	4,816	4,854	4,892	4,930	4,968	5,006	5,044	5,082	5,120	5,158	5,196	5,234	5,272	5,310
4,754	4,801	4,839	4,877	4,915	4,953	4,991	5,029	5,067	5,105	5,143	5,181	5,219	5,257	5,295	5,333	5,371	5,409
4,853	4,900	4,938	4,976	5,014	5,052	5,090	5,128	5,166	5,204	5,242</td							

APCO Total Company  
Calculation of Revenue Requirements

	Year 1 2025	Year 2 2026	Year 3 2027	Year 4 2028	Year 5 2029	Year 6 2030	Year 7 2031	Year 8 2032	Year 9 2033	Year 10 2034	Year 11 2035	Year 12 2036
Operations and Maint Expense - Account 549												
Property Tax Expense - Account 408												
Insurance - Account 924												
Land Lease - Account 550												
<b>Total O&amp;M Expenses</b>												
Depreciation Expense - Account 403												
ARO Depreciation Expense - Account 403												
Accretion Expense - Account 411												
<b>Depreciation &amp; Accretion Expense</b>												
<b>PTC (As Earned)</b>												
Current SIT	(3,875,326)	(5,878,629)	(3,757,343)	(2,494,984)	(2,488,082)	(1,481,876)	(524,079)	(531,125)	(536,326)	(545,938)	(541,685)	(545,334)
Deferred SIT	0	0	0	0	0	0	0	0	0	0	0	0
Current FIT	(27,869,255)	(41,972,544)	(26,826,874)	(17,813,821)	(17,784,541)	(10,580,374)	(3,741,850)	(3,792,154)	(3,829,291)	(3,897,918)	(3,867,409)	(3,893,605)
Deferred FIT	20,210,202	34,629,410	19,248,922	10,020,629	10,020,629	3,149,043	(3,680,144)	(3,813,771)	(3,563,018)	(3,508,292)	(3,462,330)	(3,422,830)
<b>Total Taxes</b>	(11,334,379)	(13,221,762)	(11,335,295)	(10,288,176)	(10,231,994)	(8,913,205)	(7,946,074)	(7,937,050)	(7,928,635)	(7,952,147)	(7,871,404)	(7,861,770)
<b>Total Expenses</b>	15,391,837	16,209,557	17,981,688	19,461,145	19,945,503	19,243,980	19,517,666	19,764,170	20,017,736	20,372,823	20,383,068	20,625,023
<b>PTC Amortization</b>	24,126,221	24,220,746	24,785,068	24,365,284	24,346,535	24,856,275	26,883,087	27,340,784	28,144,925	28,949,065	0	0
<b>Operating Income</b>	8,732,384	8,011,189	6,783,377	4,904,119	4,401,026	5,612,295	7,365,421	7,576,614	8,127,189	8,576,242	(20,383,068)	(20,625,023)
<b>Rate Base (PTC As Earned)</b>	533,781,483	480,952,976	443,504,958	415,285,230	387,065,503	367,077,903	354,066,299	341,132,775	328,290,452	315,532,296	302,979,475	290,676,083
<b>After Tax WACC</b>	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%
<b>Return on Rate Base</b>	38,851,054	35,005,954	32,280,318	30,226,356	28,172,395	26,717,806	25,770,562	24,829,201	23,894,478	22,965,881	22,052,230	21,156,733
<b>Operating Income Deficiency</b>	\$ 30,118,670	\$ 26,994,765	\$ 25,496,939	\$ 25,322,236	\$ 23,771,369	\$ 21,105,311	\$ 18,405,141	\$ 17,252,587	\$ 15,767,289	\$ 14,389,639	\$ 42,435,298	\$ 41,781,756
<b>Gross Up Factor</b>	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32
<b>Revenue Requirement</b>	\$ 39,609,063	\$ 35,500,815	\$ 33,531,024	\$ 33,301,273	\$ 31,261,727	\$ 27,755,595	\$ 24,204,602	\$ 22,688,877	\$ 20,735,562	\$ 18,923,815	\$ 55,806,660	\$ 54,947,187
<b>Annual Production MW</b>	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037	731,037
<b>LCOE \$/MWH</b>	\$ 54.18	\$ 48.56	\$ 45.87	\$ 45.55	\$ 42.76	\$ 37.97	\$ 33.11	\$ 31.04	\$ 28.36	\$ 25.89	\$ 26.34	\$ 25.16

Year 13 2027	Year 14 2028	Year 15 2029	Year 16 2030	Year 17 2031	Year 18 2032	Year 19 2033	Year 20 2034	Year 21 2035	Year 22 2036	Year 23 2037	Year 24 2038	Year 25 2039	Year 26 2040	Year 27 2041	Year 28 2042	Year 29 2043	Year 30 2044
44,740,420	44,900,427	44,814,074	44,105,949	44,294,489	44,197,497	44,494,646	44,847,496	44,811,937	44,844,944	54,144,510	50,154,040	50,154,004	50,748,118	51,841,984	51,422,184	51,820,179	52,594,444
(546,379) 0	(551,803) 0	(561,242) 0	(554,271) 0	(547,949) 0	(542,574) 0	(542,688) 0	(562,633) 0	(571,249) 0	(577,824) 0	(581,747) 0	(593,030) 0	(607,200) 0	(621,215) 0	(649,110) 0	(685,879) 0	(729,924) 0	(787,867) 0
(3,901,066) (3,375,323)	(3,939,794) (3,321,070)	(4,007,186) (3,276,542)	(3,957,410) (3,270,523)	(3,912,277) (3,297,037)	(3,873,897) (3,339,482)	(3,874,713) (3,344,360)	(4,017,119) (3,271,057)	(4,078,634) (3,192,899)	(4,124,149) (3,166,450)	(4,153,585) (3,168,301)	(4,234,150) (3,155,784)	(4,335,321) (3,112,986)	(4,435,384) (3,039,273)	(4,634,551) (2,917,387)	(4,897,073) (2,747,218)	(5,211,550) (2,542,713)	(5,625,251) (2,298,554)
(7,822,767) 20,759,614	(7,812,667) 20,979,726	(7,844,970) 21,347,100	(7,782,204) 21,430,565	(7,757,263) 21,659,401	(7,755,953) 21,982,765	(7,761,762) 22,284,163	(7,850,809) 22,803,269	(7,842,782) 23,004,215	(7,868,222) 23,349,827	(7,903,633) 23,750,657	(7,982,964) 24,276,524	(8,055,508) 24,751,437	(8,095,873) 25,086,619	(8,201,048) 25,587,671	(8,330,170) 26,124,476	(8,484,188) 26,698,712	(8,711,672) 27,463,401
0 (20,759,614)	0 (20,979,726)	0 (21,347,100)	0 (21,430,565)	0 (21,659,401)	0 (21,982,765)	0 (22,284,163)	0 (22,803,269)	0 (23,004,215)	0 (23,349,827)	0 (23,750,657)	0 (24,276,524)	0 (24,751,437)	0 (25,086,619)	0 (25,587,671)	0 (26,124,476)	0 (26,698,712)	0 (27,463,401)
278,657,380 7.278%	266,922,258 7.278%	255,087,056 7.278%	242,706,469 7.278%	230,113,258 7.278%	217,132,724 7.278%	205,335,918 7.278%	194,416,647 7.278%	183,311,881 7.278%	171,771,599 7.278%	159,841,999 7.278%	148,470,721 7.278%	137,712,971 7.278%	127,766,834 7.278%	118,904,577 7.278%	110,925,001 7.278%	104,161,126 7.278%	98,814,733 7.278%
20,281,957 19,427,821	18,564,945 18,427,821	17,865,285 17,865,285	16,748,894 16,748,894	15,803,911 15,803,911	14,945,286 14,945,286	14,150,531 14,150,531	13,342,276 13,342,276	12,502,321 12,502,321	11,634,031 11,634,031	10,806,377 10,806,377	10,023,379 10,023,379	9,299,454 9,299,454	8,654,418 8,654,418	8,073,626 8,073,626	7,581,322 7,581,322	7,192,188 7,192,188	
\$ 41,041,571 1.32	\$ 40,407,546 1.32	\$ 39,912,045 1.32	\$ 39,095,850 1.32	\$ 38,408,094 1.32	\$ 37,788,677 1.32	\$ 37,229,448 1.32	\$ 36,953,800 1.32	\$ 36,346,490 1.32	\$ 35,852,148 1.32	\$ 35,384,688 1.32	\$ 35,082,901 1.32	\$ 34,774,816 1.32	\$ 34,386,072 1.32	\$ 34,242,089 1.32	\$ 34,198,105 1.32	\$ 34,280,035 1.32	\$ 34,655,588 1.32
\$ 53,973,770 \$ 53,139,964	\$ 52,488,331 \$ 51,414,953	\$ 51,414,953 \$ 50,510,485	\$ 49,693,258 \$ 48,960,448	\$ 48,960,448 \$ 47,799,270	\$ 47,799,270 \$ 47,149,160	\$ 46,137,523 \$ 46,137,523	\$ 45,732,360 \$ 45,221,124	\$ 45,221,124 \$ 45,031,771	\$ 45,031,771 \$ 44,973,927	\$ 44,973,927 \$ 45,081,674	\$ 45,081,674 \$ 45,575,564						
731,037 \$ 73.83	731,037 \$ 72.69	731,037 \$ 71.80	731,037 \$ 70.33	731,037 \$ 69.09	731,037 \$ 67.98	731,037 \$ 66.97	731,037 \$ 66.48	731,037 \$ 65.39	731,037 \$ 64.50	731,037 \$ 63.66	731,037 \$ 63.11	731,037 \$ 62.56	731,037 \$ 61.86	731,037 \$ 61.60	731,037 \$ 61.52	731,037 \$ 61.67	731,037 \$ 62.34

APCO Total Company  
Calculation of Revenue Requirements

APPALACHIAN POWER COMPANY  
2025 TOP HAT COST OF SERVICE  
PUR-2025-00049  
APCO VIRGINIA RETAIL REVENUE REQUIREMENT

250530212

APCO Exhibit No.         
Witness: JNC  
~~ORDINARILY SENSITIVE~~  
Public Version  
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250530212

APPALACHIAN POWER COMPANY  
2025 TOP HAT COST OF SERVICE  
PUR-2025-00049  
STATE INCOME TAX

APCO Exhibit No. \_\_\_\_\_  
Witness: JNC  
**EXTRAORDINARILY SENSITIVE**  
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## PTC (As Earned)

Year

Line No.	Description	Year 1 2025	Year 2 2026	Year 3 2027	Year 4 2028	Year 5 2029	Year 6 2030	Year 7 2031
1	Incremental Revenue							
2	Operations and Maintenance Expense	18,772,892	18,794,624	18,818,063	18,842,687	18,868,779	18,894,120	19,021,401
3	Depreciation and Amortization Expense							
4	Taxes Other than Federal Income Tax							
5	Interest Expense	12,668,410	11,414,613	10,525,847	9,856,099	9,186,351	8,711,979	8,403,171
6	<b>Income Before Taxes</b>	<b>\$ (39,394,625)</b>	<b>\$ (40,845,932)</b>	<b>\$ (39,842,831)</b>	<b>\$ (39,605,420)</b>	<b>\$ (39,363,854)</b>	<b>\$ (36,869,165)</b>	<b>\$ (35,866,911)</b>
7	AFUDC Equity							
8	Tax over Book Depreciation	(96,239,059)	(164,901,953)	(91,661,533)	(47,717,281)	(47,717,281)	(14,995,444)	17,524,497
9	Taxable State Income	\$ (135,633,685)	\$ (205,747,886)	\$ (131,504,384)	\$ (87,322,701)	\$ (87,081,135)	\$ (51,884,609)	\$ (18,342,414)
10	State Tax Rate	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%
11	<b>Current State Tax Expense</b>	<b>\$ (3,875,326)</b>	<b>\$ (5,878,629)</b>	<b>\$ (3,757,343)</b>	<b>\$ (2,494,984)</b>	<b>\$ (2,488,082)</b>	<b>\$ (1,481,876)</b>	<b>\$ (524,079)</b>
12	Adjusted Retail Revenue	39,609,063	35,500,815	33,531,024	33,301,273	31,261,727	27,755,595	24,204,602
13	Adjusted State Tax Expense	1,131,710	1,014,329	958,048	951,484	893,210	793,033	691,574
15	<b>Adjusted Retail Current State Tax Expense</b>	<b>\$ (2,743,615)</b>	<b>\$ (4,864,299)</b>	<b>\$ (2,799,294)</b>	<b>\$ (1,543,500)</b>	<b>\$ (1,594,872)</b>	<b>\$ (688,843)</b>	<b>\$ 167,494</b>
	Tax over Book Depreciation Proof							
		18,199	18,199	18,199	18,199	18,199	18,244	18,295
		114,438	183,101	109,861	65,916	65,916	33,239	770
		-	-	-	-	-	-	-

250530212

APPALACHIAN POWER COMPANY  
2025 TOP HAT COST OF SERVICE  
PUR-2025-00049  
STATE INCOME TAX

APCO Exhibit No.  
Witness: JNC  
EXTRAORDINARILY SENSITIVE  
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Year 8 2032	Year 9 2033	Year 10 2034	Year 11 2035	Year 12 2036	Year 13 2037	Year 14 2038	Year 15 2039	Year 16 2040	Year 17 2041	Year 18 2042
19,109,848	19,206,694	19,312,164	19,430,286	19,562,768	19,711,562	19,877,451	20,047,483	20,207,941	20,366,477	20,517,501
8,096,215	7,791,424	7,488,631	7,190,710	6,898,710	6,613,486	6,334,953	6,053,589	5,760,232	5,461,353	5,153,282
\$ (35,797,435) \$	(35,737,794) \$	(35,813,601) \$	(35,445,182) \$	(35,385,503) \$	(35,195,848) \$	(35,127,345) \$	(35,245,659) \$	(34,973,001) \$	(34,878,017) \$	(34,892,000) \$
17,208,432	16,966,751	16,706,150	16,487,286	16,299,191	16,072,966	15,814,618	15,602,581	15,573,920	15,700,176	15,902,296
\$ (18,589,003) \$	(18,771,044) \$	(19,107,451) \$	(18,957,896) \$	(19,086,311) \$	(19,122,881) \$	(19,312,727) \$	(19,643,078) \$	(19,399,081) \$	(19,177,841) \$	(18,989,704) \$
2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%
\$ (531,125) \$	(536,326) \$	(545,938) \$	(541,665) \$	(545,334) \$	(546,379) \$	(551,803) \$	(561,242) \$	(554,271) \$	(547,949) \$	(542,574) \$
22,688,877	20,735,562	18,923,815	55,806,660	54,947,187	53,973,770	53,139,964	52,488,331	51,414,953	50,510,485	49,693,258
648,267	592,456	540,691	1,594,508	1,569,951	1,542,139	1,518,315	1,499,897	1,469,028	1,443,186	1,419,836
\$ 117,142 \$	56,130 \$	(5,247) \$	1,052,843 \$	1,024,617 \$	995,760 \$	966,512 \$	938,455 \$	914,757 \$	895,236 \$	877,262 \$
18,352 1,144	18,416 1,449	18,487 1,781	18,568 2,081	18,661 2,362	18,769 2,696	18,891 3,076	19,014 3,411	19,125 3,551	19,231 3,531	19,327 3,425

APPALACHIAN POWER COMPANY  
2025 TOP HAT COST OF SERVICE  
PUR-2025-00049  
STATE INCOME TAX

APCO Exhibit No. \_\_\_\_\_

Witness: JNC

EXTRAORDINARILY SENSITIVE

Public Version

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Year 19 2043	Year 20 2044	Year 21 2045	Year 22 2046	Year 23 2047	Year 24 2048	Year 25 2049	Year 26 2050	Year 27 2051	Year 28 2052	Year 29 2053	Year 30 2054
20,713,693	20,949,136	21,190,451	21,428,017	21,662,404	21,925,223	22,220,332	22,556,442	22,945,557	23,384,537	23,887,235	24,463,834
4,873,304	4,614,154	4,350,600	4,076,711	3,793,582	3,523,704	3,268,387	3,032,332	2,822,001	2,632,819	2,472,090	2,345,202
\$ (34,919,228) \$	(35,268,231) \$	(35,197,597) \$	(35,294,761) \$	(35,447,872) \$	(35,783,192) \$	(36,075,331) \$	(36,214,823) \$	(36,610,720) \$	(37,087,265) \$	(37,654,990) \$	(38,520,275) \$
15,925,525	15,576,460	15,204,281	15,078,332	15,087,149	15,027,541	14,823,745	14,472,730	13,892,318	13,081,991	12,108,159	10,945,497
\$ (18,993,703) \$	(19,691,772) \$	(19,993,316) \$	(20,216,428) \$	(20,360,723) \$	(20,755,651) \$	(21,251,586) \$	(21,742,093) \$	(22,718,402) \$	(24,005,274) \$	(25,546,831) \$	(27,574,778) \$
2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%
\$ (542,688) \$	(562,633) \$	(571,249) \$	(577,624) \$	(581,747) \$	(593,030) \$	(607,200) \$	(621,215) \$	(649,110) \$	(685,879) \$	(729,924) \$	(787,867) \$
48,960,448	48,597,943	47,799,270	47,149,160	46,534,403	46,137,523	45,732,360	45,221,124	45,031,771	44,973,927	45,081,674	45,575,564
1,398,898	1,388,540	1,365,721	1,347,146	1,329,581	1,318,241	1,306,665	1,292,058	1,286,648	1,284,995	1,288,074	1,302,185
\$ 856,210 \$	825,907 \$	794,472 \$	769,522 \$	747,834 \$	725,211 \$	699,465 \$	670,843 \$	637,538 \$	599,116 \$	558,150 \$	514,318 \$
19,465 3,539	19,638 4,061	19,813 4,609	19,981 4,903	20,142 5,054	20,326 5,298	20,538 5,714	20,786 6,313	21,082 7,190	21,422 8,340	21,820 9,712	22,286 11,340

250530212

APPALACHIAN POWER COMPANY  
2025 TOP HAT COST OF SERVICE  
PUR-2025-00049  
FEDERAL INCOME TAX

APCO Exhibit No.  
Witness: JNC  
EXTRAORDINARILY SENSITIVE  
Public Version  
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## PTC (As Earned)

Year	Line No.	Description	Year 1 2025	Year 2 2026	Year 3 2027	Year 4 2028	Year 5 2029	Year 6 2030	Year 7 2031
	1	<b>Incremental Revenue</b>							
	2	Operations and Maintenance Expense	18,772,892	18,794,824	18,818,063	18,842,687	18,868,779	18,941,120	19,021,401
	3	Depreciation and Amortization Expense	(3,875,326)	(5,878,629)	(3,757,343)	(2,494,984)	(2,488,082)	(1,481,876)	(524,079)
	4	State Income Tax							
	5	Taxes Other than Federal Income Tax							
	6	Interest Expense	12,688,410	11,414,613	10,525,847	9,856,099	9,186,351	8,711,979	8,403,171
	7	<b>Income Before Taxes</b>	\$ (35,519,300)	\$ (34,967,304)	\$ (36,085,488)	\$ (37,110,436)	\$ (36,875,772)	\$ (35,387,290)	\$ (35,342,831)
	8	AFUDC Equity							
	9	Tax over Book Depreciation	(96,239,059)	(164,901,953)	(91,661,533)	(47,717,281)	(47,717,281)	(14,995,444)	17,524,497
	10	Taxable Federal Income	\$ (131,758,359)	\$ (199,869,257)	\$ (127,747,021)	\$ (84,827,717)	\$ (84,593,053)	\$ (50,382,734)	\$ (17,818,334)
	11	Federal Tax Rate	21%	21%	21%	21%	21%	21%	21%
	12	Federal Income Taxes	\$ (27,669,255)	\$ (41,972,544)	\$ (26,826,874)	\$ (17,813,821)	\$ (17,764,541)	\$ (10,580,374)	\$ (3,741,850)
	13	Amortization Expense - Deferred Excess ADIT							
	14	<b>Current Federal Income Tax Expense</b>	\$ (27,669,255)	\$ (41,972,544)	\$ (26,826,874)	\$ (17,813,821)	\$ (17,764,541)	\$ (10,580,374)	\$ (3,741,850)
	15	Adjusted Retail Revenue	39,609,063	35,500,815	33,531,024	33,301,273	31,261,727	27,755,595	24,204,602
	16	Adjusted State Income Tax Expense	1,131,710	1,014,329	958,048	951,484	893,210	793,033	691,574
	16	Adjusted Taxable Federal Income	\$ 8,080,244	\$ 7,242,162	\$ 6,840,325	\$ 6,793,456	\$ 6,377,389	\$ 5,662,138	\$ 4,937,736
	17	<b>Adjusted Retail Current State Tax Expense</b>	\$ (19,589,011)	\$ (34,730,382)	\$ (19,986,550)	\$ (11,020,365)	\$ (11,387,153)	\$ (4,918,236)	\$ 1,195,886
		Tax over Book Depreciation Proof							
			18,199	18,199	18,199	18,199	18,199	18,244	18,295
			114,438	183,101	109,861	65,916	65,916	33,239	770
			-	-	-	-	-	-	-
			18,199	18,199	18,199	18,199	18,199	18,244	18,295

250530212

APPALACHIAN POWER COMPANY  
2025 TOP HAT COST OF SERVICE  
PUR-2025-00049  
FEDERAL INCOME TAX

APCO Exhibit No.  
Witness: JNC  
EXTRAORDINARILY SENSITIVE  
Public Version  
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Year 8 2032	Year 9 2033	Year 10 2034	Year 11 2035	Year 12 2036	Year 13 2037	Year 14 2038	Year 15 2039	Year 16 2040	Year 17 2041	Year 18 2042
19,109,848 (531,125)	19,206,694 (536,326)	19,312,164 (545,938)	19,430,286 (541,665)	19,562,768 (545,394)	19,711,562 (546,379)	19,877,451 (551,803)	20,047,483 (561,242)	20,207,941 (554,271)	20,366,477 (547,949)	20,517,501 (542,574)
8,096,215	7,791,424	7,488,631	7,190,710	6,898,710	6,613,466	6,334,953	6,053,589	5,760,232	5,461,353	5,153,282
\$ (35,266,310) \$	\$ (35,201,468) \$	\$ (35,267,663) \$	\$ (34,903,517) \$	\$ (34,840,169) \$	\$ (34,649,469) \$	\$ (34,575,542) \$	\$ (34,684,417) \$	\$ (34,418,730) \$	\$ (34,330,068) \$	\$ (34,349,426) \$
17,208,432	16,966,751	16,706,150	16,487,286	16,299,191	16,072,966	15,814,618	15,602,581	15,573,920	15,700,176	15,902,296
\$ (18,057,878) \$	\$ (18,234,717) \$	\$ (18,561,513) \$	\$ (18,416,231) \$	\$ (18,540,977) \$	\$ (18,576,502) \$	\$ (18,760,924) \$	\$ (19,081,836) \$	\$ (18,844,810) \$	\$ (18,629,892) \$	\$ (18,447,130) \$
21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%
\$ (3,792,154) \$	\$ (3,829,291) \$	\$ (3,897,918) \$	\$ (3,867,409) \$	\$ (3,893,605) \$	\$ (3,901,066) \$	\$ (3,939,794) \$	\$ (4,007,186) \$	\$ (3,957,410) \$	\$ (3,912,277) \$	\$ (3,873,897) \$
\$ (3,792,154) \$	\$ (3,829,291) \$	\$ (3,897,918) \$	\$ (3,867,409) \$	\$ (3,893,605) \$	\$ (3,901,066) \$	\$ (3,939,794) \$	\$ (4,007,186) \$	\$ (3,957,410) \$	\$ (3,912,277) \$	\$ (3,873,897) \$
22,688,877	20,735,562	18,923,815	55,806,660	54,947,187	53,973,770	53,139,964	52,488,331	51,414,953	50,510,485	49,693,258
648,267	592,456	540,691	1,594,508	1,569,951	1,542,139	1,518,315	1,499,697	1,469,028	1,443,186	1,419,836
\$ 4,628,528 \$	\$ 4,230,052 \$	\$ 3,860,456 \$	\$ 11,384,552 \$	\$ 11,209,220 \$	\$ 11,010,643 \$	\$ 10,840,546 \$	\$ 10,707,613 \$	\$ 10,488,644 \$	\$ 10,304,133 \$	\$ 10,137,419 \$
\$ 836,374 \$	\$ 400,762 \$	\$ (37,462) \$	\$ 7,517,143 \$	\$ 7,315,614 \$	\$ 7,109,577 \$	\$ 6,900,752 \$	\$ 6,700,428 \$	\$ 6,531,234 \$	\$ 6,391,856 \$	\$ 6,263,521 \$
18,352 1,144	18,416 1,449	18,487 1,781	18,568 2,081	18,661 2,362	18,769 2,696	18,891 3,076	19,014 3,411	19,125 3,551	19,231 3,531	19,327 3,425
18,352	18,416	18,487	18,568	18,661	18,769	18,891	19,014	19,125	19,231	19,327

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APPALACHIAN POWER COMPANY  
2025 TOP HAT COST OF SERVICE  
PUR-2025-00049  
FEDERAL INCOME TAX

APCO Exhibit No. \_\_\_\_\_  
Witness: JNC  
EXTRAORDINARILY SENSITIVE  
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Year 19 2043	Year 20 2044	Year 21 2045	Year 22 2046	Year 23 2047	Year 24 2048	Year 25 2049	Year 26 2050	Year 27 2051	Year 28 2052	Year 29 2053	Year 30 2054
20,713,693 (542,688)	20,949,136 (562,633)	21,190,451 (571,249)	21,428,017 (577,624)	21,662,404 (581,747)	21,925,223 (593,030)	22,220,332 (607,200)	22,556,442 (621,215)	22,945,557 (649,110)	23,384,537 (685,879)	23,887,235 (729,924)	24,463,834 (787,867)
4,873,304	4,614,154	4,350,600	4,076,711	3,793,582	3,523,704	3,268,387	3,032,332	2,822,001	2,632,619	2,472,090	2,345,202
\$ (34,376,540) \$	\$ (34,705,598) \$	\$ (34,626,348) \$	\$ (34,717,137) \$	\$ (34,866,126) \$	\$ (35,190,162) \$	\$ (35,468,131) \$	\$ (35,593,608) \$	\$ (35,961,610) \$	\$ (36,401,387) \$	\$ (36,925,066) \$	\$ (37,732,409) \$
15,925,525	15,576,460	15,204,281	15,078,332	15,087,149	15,027,541	14,823,745	14,472,730	13,892,318	13,081,991	12,108,159	10,945,497
\$ (18,451,015) \$	\$ (19,129,138) \$	\$ (19,422,067) \$	\$ (19,638,804) \$	\$ (19,778,977) \$	\$ (20,162,620) \$	\$ (20,644,386) \$	\$ (21,120,878) \$	\$ (22,069,292) \$	\$ (23,319,395) \$	\$ (24,816,907) \$	\$ (26,786,911) \$
21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%
\$ (3,874,713) \$	\$ (4,017,119) \$	\$ (4,078,634) \$	\$ (4,124,149) \$	\$ (4,153,585) \$	\$ (4,234,150) \$	\$ (4,335,321) \$	\$ (4,435,384) \$	\$ (4,634,551) \$	\$ (4,897,073) \$	\$ (5,211,550) \$	\$ (5,625,251) \$
\$ (3,874,713) \$	\$ (4,017,119) \$	\$ (4,078,634) \$	\$ (4,124,149) \$	\$ (4,153,585) \$	\$ (4,234,150) \$	\$ (4,335,321) \$	\$ (4,435,384) \$	\$ (4,634,551) \$	\$ (4,897,073) \$	\$ (5,211,550) \$	\$ (5,625,251) \$
48,960,448	48,597,943	47,799,270	47,149,160	46,534,403	46,137,523	45,732,360	45,221,124	45,031,771	44,973,927	45,081,674	45,575,564
1,398,898	1,388,540	1,365,721	1,347,146	1,329,581	1,318,241	1,306,665	1,292,058	1,286,648	1,284,995	1,288,074	1,302,185
\$ 9,987,925 \$	\$ 9,913,974 \$	\$ 9,751,045 \$	\$ 9,618,423 \$	\$ 9,493,013 \$	\$ 9,412,049 \$	\$ 9,329,396 \$	\$ 9,225,104 \$	\$ 9,186,476 \$	\$ 9,174,676 \$	\$ 9,196,656 \$	\$ 9,297,410 \$
\$ 6,113,212 \$	\$ 5,896,855 \$	\$ 5,672,411 \$	\$ 5,494,274 \$	\$ 5,339,428 \$	\$ 5,177,899 \$	\$ 4,994,075 \$	\$ 4,789,719 \$	\$ 4,551,925 \$	\$ 4,277,603 \$	\$ 3,985,106 \$	\$ 3,672,158 \$
19,465 3,539	19,638 4,061	19,813 4,609	19,981 4,903	20,142 5,054	20,326 5,298	20,538 5,714	20,786 6,313	21,082 7,190	21,422 8,340	21,820 9,712	22,286 11,340
19,465	19,638	19,813	19,981	20,142	20,326	20,538	20,786	21,082	21,422	21,820	22,286



APPALACHIAN POWER COMPANY  
2025 GROVER HILL COST OF SERVICE  
PUR-2025-00049

EXTRAORDINARILY SENSITIVE  
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2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
340.014	340.014	340.014	340.014	340.014	340.014	340.014	340.014	340.014	340.014	340.014	340.014	340.014	340.014	340.014	340.014	340.014	340.014	340.014	



APPALACHIAN POWER COMPANY  
 2025 GROVER HILL COST OF SERVICE  
 PUR-2025-00049  
 GROSS REVENUE CONVERSION FACTOR  
**Appalachian Power Company**  
 Computation of Gross Revenue Conversion Factor

APCO Exhibit No. \_\_\_\_\_  
 Witness: JNC  
 EXTRAORDINARILY SENSITIVE  
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Line	No.	Gross Revenue Conversion Factor	1.3151
		=====	
		Tax Rates	Percentage of Incremental Gross Revenues
1	Operating Revenues		100.00%
2	Less: Factoring Expense		<u>0.17%</u>
3	Income Before Income Taxes and VA Min Tax		99.83%
4	Less: VA Min Tax (Va Retail--1.45% x .499198)		<u>0.72%</u>
5	Income Before Income Taxes		99.11%
6	Less: State Income Tax.      2.86%		<u>2.8524%</u>
			-----
7	Income Before Federal Income Taxes		96.26%
8	Less: Federal Income Ta      21.00%		<u>20.21%</u>
9	Operating Income Percentage		<u>76.04%</u>
			-----
10	Gross Revenue Conversion Factor (100% / Line 7		<u><u>1.3151</u></u>

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APPALACHIAN POWER COMPANY  
 2025 GROVER HILL COST OF SERVICE  
 PUR-2025-00049  
 JURISDICTIONAL ALLOCATION FACTORS

APCO Exhibit No. \_\_\_\_  
 Witness: JNC  
 EXTRAORDINARILY SENSITIVE  
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APPALACHIAN POWER COMPANY  
 ENERGY ALLOCATION FACTORS BY JURISDICTION  
 TWELVE MONTHS ENDED DEC. 24

LINE NO.	TOTAL COMPANY	STATE JURISDICTION **		F.E.R.C. JURIS.		VIRGINIA LOCAL JURISDICTION		
		W.VA.	VIRGINIA	KINGSPORT	SALES FOR RESALE	PUBLIC AUTH.	COMM. OF VIRGINIA	STREET LIGHTING
1	2	3	4	5	6	7	8	9
<b><u>ENERGY - Including Kingsport and APCo's FERC customers</u></b>								
1	TOTAL MWH FOR 12-MONTHS	29,658,006	12,169,089	13,872,218	1,741,838	1,029,007	670,765	142,722
2	ENERGY ALLOCATION FACTORS	1.000000	0.410314	0.467739	0.058731	0.034696	0.022617	0.004812

Virginia Retail Allocator

0.467739

APPALACHIAN POWER COMPANY  
2025 GROVER HILL COST OF SERVICE  
PUR-2025-00049

APCO Exhibit No. \_\_\_\_  
Witness: JNC  
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APPALACHIAN POWER COMPANY  
VIRGINIA RETAIL JURISDICTION  
CAPITAL STRUCTURE AND COST OF CAPITAL  
ACTUAL AS OF DECEMBER 31, 2025

Component	Amount Outstanding	Weight	Cost Rate	Weighted Cost
Short-Term Debt	95,006,412	0.83%	0.05%	0.00%
Long-Term Debt	5,582,425,574	48.86%	4.86%	2.37%
Preferred Stock	-	0.00%	0.000%	0.00%
Common Equity	5,748,033,504	50.31%	9.750%	4.91%
ITC	-	0.00%	0.000%	0.00%
Total Capitalization	\$ 11,425,465,489	100%		7.278%

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APPALACHIAN POWER COMPANY  
2025 GROVER HILL COST OF SERVICE  
PUR-2025-00049  
RATE BASE

APCO Exhibit No. Wittman JNC  
EXTRAORDINARILY SENSITIVE  
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## Rate Base Calculations

Description (Amounts in thousands)	Beginning Balance	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
		2026	2027	2028	2029	2030	2031	2032
Annual Capital Expense - Storage		0	28	0	0	0	367	445
Project Capital Expenses - Storage	367,564							
<b>Total Plant In Service</b>	<b>367,564</b>	<b>367,564</b>	<b>367,591</b>	<b>367,591</b>	<b>367,591</b>	<b>367,591</b>	<b>367,656</b>	<b>368,404</b>
Rate Base Calculations - period end								
Plant In Service	367,564	367,564	367,591	367,591	367,591	367,591	367,956	368,404
Accumulated Depreciation	11,610	23,621	35,432	47,243	59,054	70,877	82,714	
Accumulated Deferred FIT	12,058	35,179	47,520	59,933	60,346	62,325	59,883	
Accumulated Deferred SIT	-	-	-	-	-	-	-	
PTC Amortization Expense	(5,556)	(5,556)	(5,556)	(5,556)	(5,556)	(5,556)	(5,556)	(5,556)
Annual PTC Difference - Rolling	4,685	9,600	14,348	18,084	24,037	29,948	35,852	
<b>RATE BASE (Leveledized)</b>	<b>338,111</b>	<b>299,192</b>	<b>270,293</b>	<b>247,331</b>	<b>224,154</b>	<b>204,909</b>	<b>189,955</b>	
Depreciation								
Depreciation Rate		3.21%						
Book Depreciation Expense - EPIS		11,810	11,811	11,811	11,811	11,811	11,823	11,837
Book Accumulated Depreciation		11,810	23,621	35,432	47,243	59,054	70,877	82,714
ARO Accretion Expense		161	170	180	191	203	215	227
PTCs	2026	2027	2028	2029	2030	2031	2032	
PTC Rate	31	31	32	32	33	34	34	
PTC %	100%	100%	100%	100%	100%	100%	100%	
Annual Production MW	340,014	340,014	340,014	340,014	340,014	340,014	340,014	
PTC	10,540,434	10,540,434	10,680,446	10,680,446	11,220,462	11,560,470	11,560,476	
% of PTCs Transformed	39%	9%	73%	74%	87%	23%	0%	
PTC Transfer Cost	298,201	69,046	578,108	586,027	710,500	193,528	-	
Nat PTC	10,241,233	10,471,388	10,302,340	10,294,421	10,509,953	11,386,948	11,560,476	
Tax Depreciation								
Annual CapEx		28	-	-	-	367	445	
Protect CapEx		367,564						
Tax Depreciation Year	1	2	3	4	5	6	7	
Tax Depreciation Rates =	20.000%	32.000%	19.200%	11.520%	11.520%	5.780%		
Capital Year 1	73,513	117,620	70,572	42,343	42,343	21,172		
Capital Year 2		6	9	5	3	3	2	
Capital Year 3								
Capital Year 4								
Capital Year 5								
Capital Year 6								
Capital Year 7						73	117	
Capital Year 8							89	
Capital Year 9								
Capital Year 10								
Capital Year 11								
Capital Year 12								
Capital Year 13								
Capital Year 14								
Capital Year 15								
Capital Year 16								
Capital Year 17								
Capital Year 18								
Capital Year 19								
Capital Year 20								
Capital Year 21								
Capital Year 22								
Capital Year 23								
Capital Year 24								
Capital Year 25								
Capital Year 26								
Capital Year 27								
Capital Year 28								
Capital Year 29								
Capital Year 30								

## Tax Depreciation Calc for FIT

Tax Depreciation Expense	73,513	117,620	70,581	42,349	42,347	21,248	208
Accum Tax Depreciation Expense	73,513	191,139	261,720	304,068	346,415	387,883	367,871

## Deferred Federal Taxes

Annual Deferred Tax Expense	12,058	22,221	12,342	6,413	6,412	1,979	(2,442)
Accumulated Deferred Federal Income Tax	12,058	35,179	47,520	53,933	60,346	62,325	59,883

## Tax Depreciation Calc for SIT

Tax Depreciation Expense	-	-	-	-	-	-	-
Accum Tax Depreciation Expense	-	-	-	-	-	-	-

## Annual Deferred Tax Expense - Federal Benefit of State

Accumulated Deferred Federal Income Tax (FBOS)	-	-	-	-	-	-	-
--	---	---	---	---	---	---	---



Year 19	Year 20	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30
2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
2,965	3,259	3,545	3,819	4,074	4,264	4,484	4,652	4,796	4,882	4,943	4,988
367,405	390,664	394,210	398,029	402,102	406,396	410,981	415,533	420,329	425,211	430,154	435,147
387,405	390,664	394,210	398,029	402,102	406,396	410,981	415,533	420,329	425,211	430,154	435,147
227,702	240,255	252,921	265,710	278,030	291,688	304,980	316,241	331,746	345,409	359,230	373,211
32,528	30,460	28,441	26,451	24,491	22,558	20,844	18,744	16,851	14,959	13,058	11,144
(5,556)	(5,566)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
121,619	119,943	112,847	105,868	98,981	92,151	85,347	78,548	71,731	64,843	57,865	50,788

12,446 12,562 12,666 12,789 12,920 13,056 13,202 13,351 13,505 13,682 13,821 13,981  
 227,702 240,255 252,921 265,710 278,630 291,986 304,890 316,241 331,748 345,409 369,230 373,217

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APPALACHIAN POWER COMPANY  
2025 GROVER HILL COST OF SERVICE  
PUR-2025-00049  
APCO TOTAL COMPANY REVENUE REQUIREMENT

APCO Exhibit No. \_\_\_\_  
Witness: JNC  
EXTRAORDINARILY SENSITIVE  
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APCO Total Company  
Wind  
Calculation of Revenue Requirements

	Year 1 2026	Year 2 2027	Year 3 2028	Year 4 2029	Year 5 2030	Year 6 2031	Year 7 2032
Operations and Maint Expense - Account 549							
Property Tax Expense - Account 406							
Insurance - Account 924							
Land Lease - Account 550							
<b>Total OEM Expenses</b>							
Depreciation Expense - Account 403							
ARO Depreciation Expense - Account 403							
Accretion Expense - Account 411							
<b>Depreciation &amp; Accretion Expense</b>							
<b>PTC Levelized</b>							
Current SIT	(2,458,681)	(3,730,254)	(2,308,354)	(1,552,944)	(1,564,117)	(908,818)	(285,470)
Deferred SIT	0	0	0	0	0	0	0
Current FIT	(17,554,623)	(26,833,464)	(18,909,899)	(11,087,795)	(11,167,585)	(6,488,813)	(2,038,212)
Deferred FIT	12,957,553	22,221,127	12,341,711	8,412,904	8,412,460	1,979,353	(2,442,076)
<b>Total Taxes</b>	(7,055,752)	(8,142,591)	(6,936,342)	(6,227,835)	(6,319,222)	(5,416,276)	(4,765,759)
<b>Total Expenses</b>	9,269,238	9,497,980	10,769,385	11,716,504	12,568,329	12,100,997	12,346,158
<b>PTC Amortization Levelized</b>	5,556,413	5,556,413	5,556,413	5,556,413	5,556,413	5,556,413	5,556,413
Operating Income	(3,712,825)	(3,941,568)	(5,212,972)	(6,160,091)	(7,011,916)	(6,544,584)	(6,789,745)
<b>Rate Base (ITC Hybrid)</b>	338,111,161	299,191,622	270,293,006	247,331,117	224,154,139	204,908,607	189,954,943
After Tax WACC	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%
<b>Return on Rate Base</b>	24,609,274	21,776,533	19,673,159	18,001,888	16,314,962	14,914,184	13,825,788
Operating Income Deficiency	\$ 28,322,100	\$ 25,718,100	\$ 24,886,131	\$ 24,161,979	\$ 23,326,878	\$ 21,458,768	\$ 20,615,533
Gross Up Factor	1.32	1.32	1.32	1.32	1.32	1.32	1.32
<b>Revenue Requirement</b>	\$ 37,246,393	\$ 33,821,873	\$ 32,727,751	\$ 31,775,418	\$ 30,677,177	\$ 28,220,426	\$ 27,111,487
<b>Annual Production MW</b>	340,014	340,014	340,014	340,014	340,014	340,014	340,014
<b>LCOE \$/MWh</b>							

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APPALACHIAN POWER COMPANY  
2025 GROVER HILL COST OF SERVICE  
PUR-2025-00049  
APCO TOTAL COMPANY REVENUE REQUIREMENT

250530212

APCO Exhibit No.         
Witness: JNC  
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APCO Total Company VA Retail  
Wind  
Calculation of Revenue Requirements

	Year 1 2026	Year 2 2027	Year 3 2028	Year 4 2029	Year 5 2030	Year 6 2031	Year 7 2032
Operations and Maint Expense - Account 549							
Property Tax Expense - Account 408							
Insurance - Account 924							
Land Lease - Account 550							
<b>Total O&amp;M Expenses</b>							
Depreciation Expense - Account 403	\$ 2,274,400	\$ 2,274,400	\$ 2,274,400	\$ 2,274,400	\$ 2,274,400	\$ 2,274,400	\$ 2,274,400
ARO Depreciation Expense - Account 403							
Accrution Expense - Account 411							
<b>Depreciation &amp; Accretion Expense</b>							
<b>PTC Levelized</b>							
Current SIT	(1,150,021)	(1,744,785)	(1,107,772)	(726,373)	(731,599)	(425,089)	(133,525)
Deferred SIT	0	0	0	0	0	0	0
Current FIT	(8,210,982)	(12,457,510)	(7,909,326)	(5,186,194)	(5,223,506)	(3,035,071)	(953,351)
Deferred FIT	6,060,753	10,393,688	5,772,700	2,999,566	2,999,358	925,821	(1,142,254)
<b>Total Taxes</b>	(3,300,250)	(3,808,607)	(3,244,398)	(2,913,001)	(2,955,747)	(2,534,339)	(2,229,131)
<b>Total Expenses</b>	4,335,584	4,442,576	5,037,261	5,480,266	5,878,898	5,660,108	5,774,779
<b>PTC Amortization Levelized</b>	<b>2,598,951</b>						
<b>Operating Income</b>	(1,736,633)	(1,843,625)	(2,438,310)	(2,881,315)	(3,279,747)	(3,061,157)	(3,175,828)
<b>Rate Base (ITC Hybrid)</b>	158,147,776	139,943,590	126,426,581	115,686,409	104,845,633	95,843,747	88,849,335
After Tax WACC	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%	7.278%
<b>Return on Rate Base</b>	11,510,717	10,185,734	9,201,904	8,420,185	7,631,144	6,975,946	6,466,860
Operating Income Deficiency	\$ 13,247,351	\$ 12,029,358	\$ 11,640,214	\$ 11,301,500	\$ 10,910,890	\$ 10,037,103	\$ 9,642,689
Gross Up Factor	1.32	1.32	1.32	1.32	1.32	1.32	1.32
Revenue Requirement	\$ 17,421,591	\$ 15,819,809	\$ 15,308,046	\$ 14,662,802	\$ 14,348,912	\$ 13,199,794	\$ 12,681,100
<b>Annual Production MW</b>	159,038	159,038	159,038	159,038	159,038	159,038	159,038
<b>LCOE \$/MWh</b>							

APPALACHIAN POWER COMPANY  
2025 GROVER HILL COST OF SERVICE  
PUR-2025-00049  
APCO VIRGINIA RETAIL REVENUE REQUIREMENT

250530212

APCO Exhibit No. \_\_\_\_  
Witness: JNC  
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APPALACHIAN POWER COMPANY  
2025 GROVER HILL COST OF SERVICE  
PUR-2025-00049  
APCO VIRGINIA RETAIL REVENUE REQUIREMENT

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APCO Exhibit No. \_\_\_\_  
Witness: JNC  
**EXTRAORDINARILY SENSITIVE**  
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APPALACHIAN POWER COMPANY  
2025 GROVER HILL COST OF SERVICE  
PUR-2025-00049  
STATE INCOME TAX

APCO Exhibit No.         
Witness: JNC  
**EXTRAORDINARILY SENSITIVE**  
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PTC Levelized Year	Line No.	Description	Year 1 2026	Year 2 2027	Year 3 2028	Year 4 2029	Year 5 2030	Year 6 2031	Year 7 2032
	1	Incremental Revenue							
2		Operations and Maintenance Expense							
3		Depreciation and Amortization Expense	12,060,643	12,071,105	12,081,252	12,092,004	12,103,398	12,127,266	12,154,369
4		Taxes Other than Federal Income Tax							
5		Interest Expense	8,024,502	7,100,812	6,414,952	5,869,990	5,319,923	4,863,163	4,508,262
6		Income Before Taxes	\$ (24,349,492)	\$ (24,741,384)	\$ (24,120,679)	\$ (23,814,329)	\$ (24,207,474)	\$ (22,382,436)	\$ (21,620,179)
7		AFUDC Equity							
8		Tax over Book Depreciation	(61,702,633)	(105,814,891)	(58,770,052)	(30,537,640)	(30,535,525)	(9,425,490)	11,628,935
9		Taxable State Income	\$ (86,052,125)	\$ (130,556,275)	\$ (82,890,731)	\$ (54,351,969)	\$ (54,742,999)	\$ (31,807,926)	\$ (9,991,243)
10		State Tax Rate	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%
11	11	Current State Tax Expense	\$ (2,458,681)	\$ (3,730,254)	\$ (2,368,354)	\$ (1,552,944)	\$ (1,564,117)	\$ (908,816)	\$ (285,470)
12		Adjusted Retail Revenue	37,246,393	33,821,873	32,727,751	31,775,418	30,677,177	28,220,426	27,111,487
13		Adjusted State Tax Expense	1,064,204	966,359	935,097	907,887	876,508	806,314	774,629
15	15	Adjusted Retail Current State Tax Expense	\$ (1,394,477)	\$ (2,763,895)	\$ (1,433,257)	\$ (645,057)	\$ (687,609)	\$ (102,502)	\$ 489,160
		Tax over Book Depreciation Proof	11,810 73,513	11,811 117,626	11,811 70,581	11,811 42,349	11,811 42,347	11,823 21,248	11,837 208

APPALACHIAN POWER COMPANY  
2025 GROVER HILL COST OF SERVICE  
PUR-2025-00049  
STATE INCOME TAX

APCO Exhibit No. \_\_\_\_  
Witness: JNC  
ORDINARILY SENSITIVE  
Public Version  
Schedule 3  
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Year 8 2033	Year 9 2034	Year 10 2035	Year 11 2036	Year 12 2037	Year 13 2038	Year 14 2039	Year 15 2040	Year 16 2041	Year 17 2042	Year 18 2043
12,185,357	12,220,934	12,261,848	12,308,877	12,362,814	12,424,445	12,494,530	12,573,773	12,662,797	12,762,120	12,872,121
4,146,707	3,778,920	3,413,285	3,340,722	3,271,139	3,204,838	3,142,086	3,083,096	3,028,016	2,976,912	2,929,756
\$ (21,215,810) \$	(20,901,542) \$	(20,682,598) \$	(21,021,899) \$	(21,159,136) \$	(21,354,582) \$	(21,182,190) \$	(21,201,444) \$	(21,380,659) \$	(21,872,397) \$	(22,266,641) \$
11,532,980	11,442,236	11,332,410	11,222,313	11,114,241	10,990,643	10,852,100	10,699,764	10,535,424	10,361,533	10,181,216
\$ (9,682,830) \$	(9,459,307) \$	(9,350,188) \$	(9,799,585) \$	(10,044,895) \$	(10,363,939) \$	(10,330,090) \$	(10,501,680) \$	(10,845,234) \$	(11,510,863) \$	(12,085,425) \$
2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%
\$ (276,658) \$	(270,271) \$	(267,154) \$	(279,994) \$	(287,003) \$	(296,118) \$	(295,151) \$	(300,054) \$	(309,870) \$	(328,888) \$	(345,305) \$
25,717,823	24,398,308	23,180,282	23,322,226	23,268,397	23,281,775	22,933,116	22,787,692	22,813,977	23,166,197	23,430,564
734,810	697,108	662,307	666,363	664,825	665,207	655,245	651,090	651,841	661,905	669,458
\$ 458,152 \$	426,837 \$	395,153 \$	386,369 \$	377,822 \$	369,088 \$	360,094 \$	351,036 \$	341,971 \$	333,016 \$	324,153 \$
11,855	11,876	11,901	11,932	11,969	12,013	12,064	12,123	12,190	12,267	12,352
322	433	569	710	855	1,022	1,212	1,423	1,655	1,905	2,171

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APPALACHIAN POWER COMPANY  
2025 GROVER HILL COST OF SERVICE  
PUR-2025-00049  
STATE INCOME TAX

APCO Exhibit No.         
Witness: JNC  
**ORDINARILY SENSITIVE**  
Public Version  
Schedule 3  
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Year 19 2044	Year 20 2045	Year 21 2046	Year 22 2047	Year 23 2048	Year 24 2049	Year 25 2050	Year 26 2051	Year 27 2052	Year 28 2053	Year 29 2054	Year 30 2055
12,993,027	13,124,889	13,267,573	13,420,761	13,583,956	13,756,145	13,936,499	14,124,408	14,319,213	14,519,214	14,723,750	14,932,442
2,886,417	2,846,653	2,678,240	2,512,592	2,349,154	2,187,046	2,025,571	1,864,209	1,702,415	1,538,942	1,373,338	1,205,328
\$ (22,565,044) \$	(22,555,812) \$	(22,035,981) \$	(22,094,338) \$	(22,591,146) \$	(22,831,791) \$	(23,068,202) \$	(22,814,115) \$	(22,787,556) \$	(22,944,955) \$	(23,055,556) \$	(23,213,808) \$
9,998,234	9,816,907	9,641,985	9,478,473	9,331,414	9,207,517	9,112,720	9,048,007	9,012,642	9,012,175	9,049,699	9,118,101
\$ (12,566,810) \$	(12,738,905) \$	(12,393,996) \$	(12,615,865) \$	(13,259,731) \$	(13,624,274) \$	(13,955,482) \$	(13,766,109) \$	(13,774,914) \$	(13,932,780) \$	(14,005,857) \$	(14,095,707) \$
2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%	2.86%
\$ (359,059) \$	(363,976) \$	(354,121) \$	(380,460) \$	(378,857) \$	(389,273) \$	(398,736) \$	(393,325) \$	(393,577) \$	(398,087) \$	(400,175) \$	(402,743) \$
23,608,497	23,485,719	29,805,382	29,409,192	29,462,003	29,260,585	29,057,476	28,360,537	27,892,327	27,607,447	27,270,071	26,975,165
674,542	671,034	851,599	840,279	841,788	836,033	830,230	810,317	796,957	788,800	779,160	770,734
\$ 315,483 \$	307,058 \$	497,478 \$	479,819 \$	462,931 \$	446,761 \$	431,494 \$	416,982 \$	403,380 \$	390,713 \$	378,985 \$	367,992 \$
12,448	12,552	12,666	12,789	12,920	13,058	13,202	13,351	13,505	13,662	13,821	13,981
2,449	2,735	3,024	3,310	3,588	3,850	4,089	4,303	4,493	4,650	4,771	4,863

APPALACHIAN POWER COMPANY  
2025 GROVER HILL COST OF SERVICE  
PUR-2025-00049  
FEDERAL INCOME TAX

APCO Exhibit No. \_\_\_\_\_  
Witness: JNC  
**EXTRAORDINARILY SENSITIVE**  
Public Version  
Schedule 3  
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PTC Levelized Year	Line No.	Description	Year 1 2026	Year 2 2027	Year 3 2028	Year 4 2029	Year 5 2030	Year 6 2031	Year 7 2032
	1	Incremental Revenue							
	2	Operations and Maintenance Expense							
	3	Depreciation and Amortization Expense	12,060,643	12,071,105	12,081,252	12,092,004	12,103,398	12,127,266	12,154,369
	4	State Income Tax	(2,458,681)	(3,730,254)	(2,368,354)	(1,552,944)	(1,564,117)	(908,816)	(285,470)
	5	Taxes Other than Federal Income Tax							
	6	Interest Expense	8,024,502	7,100,812	6,414,952	5,869,990	5,319,923	4,863,163	4,508,262
	7	Income Before Taxes	\$ (21,890,811)	\$ (21,011,130)	\$ (21,752,325)	\$ (22,261,384)	\$ (22,643,357)	\$ (21,473,620)	\$ (21,334,709)
	8	AFUDC Equity							
	9	Tax over Book Depreciation	(61,702,633)	(105,814,891)	(58,770,052)	(30,537,640)	(30,535,525)	(9,425,490)	11,628,935
	10	Taxable Federal Income	\$ (83,593,444)	\$ (126,826,021)	\$ (80,522,377)	\$ (52,799,024)	\$ (53,178,882)	\$ (30,899,110)	\$ (9,705,774)
	11	Federal Tax Rate	21%	21%	21%	21%	21%	21%	21%
	12	Federal Income Taxes	\$ (17,554,623)	\$ (26,633,464)	\$ (16,909,699)	\$ (11,087,795)	\$ (11,167,565)	\$ (6,488,813)	\$ (2,038,212)
	13	Amortization Expense - Deferred Excess ADIT							
	14	Current Federal Income Tax Expense	\$ (17,554,623)	\$ (26,633,464)	\$ (16,909,699)	\$ (11,087,795)	\$ (11,167,565)	\$ (6,488,813)	\$ (2,038,212)
	15	Adjusted Retail Revenue	37,246,393	33,821,873	32,727,751	31,775,418	30,677,177	28,220,426	27,111,487
	16	Adjusted State Income Tax Expense	1,064,204	966,359	935,097	907,887	876,508	806,314	774,629
	16	Adjusted Taxable Federal Income	\$ 7,598,260	\$ 6,899,658	\$ 6,676,457	\$ 6,482,182	\$ 6,258,140	\$ 5,756,964	\$ 5,530,740
	17	Adjusted Retail Current State Tax Expense	\$ (9,956,363)	\$ (19,733,806)	\$ (10,233,242)	\$ (4,605,614)	\$ (4,909,425)	\$ (731,850)	\$ 3,492,528
		Tax over Book Depreciation Proof	11,810 73,513	11,811 117,626	11,811 70,581	11,811 42,349	11,811 42,347	11,823 21,248	11,837 208
			-	-	-	-	-	-	-

APPALACHIAN POWER COMPANY  
2025 GROVER HILL COST OF SERVICE  
PUR-2025-00049  
FEDERAL INCOME TAX

APCO Exhibit No. \_\_\_\_  
Witness: JNC  
ORDINARILY SENSITIVE  
Public Version  
Schedule 3  
19 of 20

Year 8 2033	Year 9 2034	Year 10 2035	Year 11 2036	Year 12 2037	Year 13 2038	Year 14 2039	Year 15 2040	Year 16 2041	Year 17 2042	Year 18 2043
12,185,357 (276,658)	12,220,934 (270,271)	12,261,848 (267,154)	12,308,877 (279,994)	12,362,814 (287,003)	12,424,445 (296,118)	12,494,530 (295,151)	12,573,773 (300,054)	12,662,797 (309,870)	12,762,120 (328,888)	12,872,121 (345,305)
4,146,707	3,778,920	3,413,285	3,340,722	3,271,139	3,204,838	3,142,086	3,083,096	3,028,016	2,976,912	2,929,756
\$ (20,939,152) \$	\$ (20,631,271) \$	\$ (20,415,445) \$	\$ (20,741,905) \$	\$ (20,872,133) \$	\$ (21,058,464) \$	\$ (20,887,038) \$	\$ (20,901,390) \$	\$ (21,070,788) \$	\$ (21,543,508) \$	\$ (21,921,337) \$
11,532,980	11,442,236	11,332,410	11,222,313	11,114,241	10,990,643	10,852,100	10,699,764	10,535,424	10,361,533	10,181,216
\$ (9,406,172) \$	\$ (9,189,035) \$	\$ (9,083,035) \$	\$ (9,519,592) \$	\$ (9,757,892) \$	\$ (10,067,820) \$	\$ (10,034,939) \$	\$ (10,201,626) \$	\$ (10,535,364) \$	\$ (11,181,975) \$	\$ (11,740,120) \$
21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%
\$ (1,975,296) \$	\$ (1,929,697) \$	\$ (1,907,437) \$	\$ (1,999,114) \$	\$ (2,049,157) \$	\$ (2,114,242) \$	\$ (2,107,337) \$	\$ (2,142,341) \$	\$ (2,212,426) \$	\$ (2,348,215) \$	\$ (2,465,425) \$
\$ (1,975,296) \$	\$ (1,929,697) \$	\$ (1,907,437) \$	\$ (1,999,114) \$	\$ (2,049,157) \$	\$ (2,114,242) \$	\$ (2,107,337) \$	\$ (2,142,341) \$	\$ (2,212,426) \$	\$ (2,348,215) \$	\$ (2,465,425) \$
25,717,823	24,398,308	23,180,282	23,322,226	23,268,397	23,281,775	22,933,116	22,787,692	22,813,977	23,166,197	23,430,564
734,810	697,108	662,307	666,363	664,825	665,207	655,245	651,090	651,841	661,905	669,458
\$ 5,246,433 \$	\$ 4,977,252 \$	\$ 4,728,775 \$	\$ 4,757,731 \$	\$ 4,746,750 \$	\$ 4,749,479 \$	\$ 4,678,353 \$	\$ 4,648,686 \$	\$ 4,654,048 \$	\$ 4,725,901 \$	\$ 4,779,832 \$
\$ 3,271,137 \$	\$ 3,047,554 \$	\$ 2,821,337 \$	\$ 2,758,617 \$	\$ 2,697,593 \$	\$ 2,635,237 \$	\$ 2,571,016 \$	\$ 2,506,345 \$	\$ 2,441,622 \$	\$ 2,377,687 \$	\$ 2,314,407 \$
11,855 322	11,876 433	11,901 569	11,932 710	11,969 855	12,013 1,022	12,064 1,212	12,123 1,423	12,190 1,655	12,267 1,905	12,352 2,171

APPALACHIAN POWER COMPANY  
2025 GROVER HILL COST OF SERVICE  
PUR-2025-00049  
FEDERAL INCOME TAX

APCO Exhibit No.  
Witness: JNC  
**EXTRAORDINARILY SENSITIVE**  
Public Version  
Schedule 3  
20 of 20

Year 19 2044	Year 20 2045	Year 21 2046	Year 22 2047	Year 23 2048	Year 24 2049	Year 25 2050	Year 26 2051	Year 27 2052	Year 28 2053	Year 29 2054	Year 30 2055
12,993,027 (359,059)	13,124,889 (363,976)	13,267,573 (354,121)	13,420,761 (360,460)	13,583,956 (378,857)	13,756,145 (389,273)	13,936,499 (398,736)	14,124,408 (393,325)	14,319,213 (393,577)	14,519,214 (398,087)	14,723,750 (400,175)	14,932,442 (402,743)
2,886,417	2,846,653	2,678,240	2,512,592	2,349,154	2,187,046	2,025,571	1,864,209	1,702,415	1,538,942	1,373,338	1,205,328
\$ (22,205,985) \$	\$ (22,191,836) \$	\$ (21,681,860) \$	\$ (21,733,877) \$	\$ (22,212,289) \$	\$ (22,442,518) \$	\$ (22,669,466) \$	\$ (22,420,790) \$	\$ (22,393,979) \$	\$ (22,546,868) \$	\$ (22,655,381) \$	\$ (22,811,065) \$
9,998,234	9,816,907	9,641,985	9,478,473	9,331,414	9,207,517	9,112,720	9,048,007	9,012,642	9,012,175	9,049,699	9,118,101
\$ (12,207,751) \$	\$ (12,374,929) \$	\$ (12,039,875) \$	\$ (12,255,404) \$	\$ (12,880,874) \$	\$ (13,235,001) \$	\$ (13,556,746) \$	\$ (13,372,783) \$	\$ (13,381,337) \$	\$ (13,534,692) \$	\$ (13,605,682) \$	\$ (13,692,964) \$
21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%
\$ (2,563,628) \$	\$ (2,598,735) \$	\$ (2,528,374) \$	\$ (2,573,635) \$	\$ (2,704,984) \$	\$ (2,779,350) \$	\$ (2,846,917) \$	\$ (2,808,285) \$	\$ (2,810,081) \$	\$ (2,842,285) \$	\$ (2,857,193) \$	\$ (2,875,523) \$
\$ (2,563,628) \$	\$ (2,598,735) \$	\$ (2,528,374) \$	\$ (2,573,635) \$	\$ (2,704,984) \$	\$ (2,779,350) \$	\$ (2,846,917) \$	\$ (2,808,285) \$	\$ (2,810,081) \$	\$ (2,842,285) \$	\$ (2,857,193) \$	\$ (2,875,523) \$
23,608,497	23,485,719	29,805,382	29,409,192	29,462,003	29,260,585	29,057,476	28,360,537	27,892,927	27,607,447	27,270,071	26,975,165
674,542	671,034	851,599	840,279	841,788	836,033	830,230	810,317	796,957	788,800	779,160	770,734
\$ 4,816,131 \$	\$ 4,791,084 \$	\$ 6,080,294 \$	\$ 5,999,472 \$	\$ 6,010,245 \$	\$ 5,969,156 \$	\$ 5,927,722 \$	\$ 5,785,546 \$	\$ 5,690,154 \$	\$ 5,631,916 \$	\$ 5,563,091 \$	\$ 5,502,930 \$
\$ 2,252,503 \$	\$ 2,192,349 \$	\$ 3,551,921 \$	\$ 3,425,837 \$	\$ 3,305,261 \$	\$ 3,189,806 \$	\$ 3,080,805 \$	\$ 2,977,262 \$	\$ 2,880,073 \$	\$ 2,789,631 \$	\$ 2,705,898 \$	\$ 2,627,408 \$
12,448 2,449	12,552 2,735	12,666 3,024	12,789 3,310	12,920 3,588	13,058 3,850	13,202 4,089	13,351 4,303	13,505 4,493	13,662 4,650	13,821 4,771	13,981 4,863

APPALACHIAN POWER COMPANY - VIRGINIA  
TYPICAL BILL  
PUR-2025-00049

AMC Exhibit No.  
Volume 1, Part  
Schedule 4  
Page 1 of 11

APPALACHIAN POWER COMPANY  
VIRGINIA JURISDICTION  
SELECTED TYPICAL MONTHLY BILLS

Term Schedule	Energy / Demand Decomposition	Bill Amount(s) Under Current Rate		Bill Amount(s) Under Proposed RPS-RAC		Dollar Increase	Percent Increase
		VA SGC Tariff No. 27 Effective 4/1/2025	\$	VA SGC Tariff No. 27	\$		
RS	100 kWh	24.33	24.87	0.44	1.8%		
RS	250 kWh	49.33	53.48	4.15	2.2%		
RS	500 kWh	98.83	101.61	2.78	2.4%		
RS	750 kWh	132.22	134.49	2.27	2.5%		
RS	1,000 kWh	173.83	177.99	4.16	2.3%		
RS	1,500 kWh	256.53	263.04	6.51	2.5%		
RS	2,000 kWh	339.33	349.02	9.72	2.6%		
RS	3,000 kWh	504.97	518.05	13.08	2.6%		
RS	5,000 kWh	834.31	858.11	23.80	2.6%		
RS	7,500 kWh	1,250.52	1,283.22	32.70	2.6%		
SAS	1,500 kWh	302.44	312.51	8.47	2.6%		
SAS	3,000 kWh	504.84	524.94	20.10	2.6%		
SAS	5,000 kWh	824.84	851.68	29.84	2.6%		
SAS	12,500 kWh	1,954.98	2,011.38	56.40	2.6%		
SAS	30,000 kWh	5,843.33	6,012.54	169.21	2.6%		
SAS	52,000 kWh	9,731.78	10,213.78	222.00	2.6%		
SGS	375 kWh	64.15	65.59	1.44	2.2%		
SGS	1,000 kWh	154.54	158.34	3.80	2.5%		
SGS	2,000 kWh	299.23	306.68	7.45	2.6%		
SGS	4,000 kWh	588.52	603.68	15.16	2.6%		
GS	Secondary Secondary Secondary	423.6 / 12,000 kWh 75.1 / 12,000 kWh 500 kWh / 213,000 kWh	1,622.77 3,031.14 27,229.77	1,659.57 4,029.79 27,578.29	36.85 123.65 743.52	2.4% 2.6% 2.6%	
GS	Primary Primary	1,022.49 / 220,000 kWh 1,000 kW / 346,000 kWh	21,234.38 52,211.11	21,372.35 53,643.27	127.97 1,429.98	0.6% 2.7%	
LPS	Secondary Secondary Secondary	1,000 kW / 450,000 kWh 2,000 kW / 1,000,000 kWh 3,000 kW / 2,000,000 kWh	73,948.48 156,896.00 251,729.95	75,372.58 159,945.99 257,306.98	1,424.50 3,050.00 5,580.00	1.6% 1.6% 2.6%	
LPS	Primary Primary	3,500 kW / 12,000,000 kWh 5,000 kW / 3,000,000 kWh	377,121.49 426,678.49	382,818.49 416,828.49	5,615.00 8,150.00	2.0% 2.6%	
LPS	Subtransmisor Subtransmisor	10,000 kW / 15,000,000 kWh 20,000 kW / 15,000,000 kWh	2,533,671.09 8,437,967.09	2,538,157.09 8,467,397.09	14,350.00 54,430.00	0.6% 0.5%	
LPS	Transmisor Transmisor	15,000 kW / 9,000,000 kWh 30,000 kW / 12,000,000 kWh	4,212,511.95 8,657,361.95	4,236,301.66 8,906,821.95	23,790.00 49,442.00	0.6% 0.6%	

(i) Excludes Sales and Use Tax 8.25%

**Total Net Marketable Bonds  
Current Balances as of April 1, 2025**

— 10 —

APG - 472

BS	RESIDENTIAL	Rate Schedule Charges	Residential									
			100 kWh	250 kWh	500 kWh	750 kWh	1,000 kWh	1,500 kWh	2,000 kWh	3,000 kWh	5,000 kWh	7,500 kWh
B2.California			\$ 7.95	\$ 7.95	\$ 7.95	\$ 7.95	\$ 7.95	\$ 7.95	\$ 7.95	\$ 7.95	\$ 7.95	\$ 7.95
Customer Charge	Yes	7.95 D	\$ 7.95	\$ 7.95	\$ 7.95	\$ 7.95	\$ 7.95	\$ 7.95	\$ 7.95	\$ 7.95	\$ 7.95	\$ 7.95
Energy Charge												
AH145	1.948	0.01774 O 0.00000 T 0.01121 D	\$ 3.72	\$ 9.43	\$ 18.87	\$ 28.46	\$ 37.54	\$ 56.91	\$ 75.81	\$ 113.82	\$ 189.72	\$ 284.55
School	O		\$ 3.72	\$ 9.43	\$ 18.87	\$ 28.46	\$ 37.54	\$ 56.91	\$ 75.81	\$ 113.82	\$ 189.72	\$ 284.55
T			\$ 3.72	\$ 9.43	\$ 18.87	\$ 28.46	\$ 37.54	\$ 56.91	\$ 75.81	\$ 113.82	\$ 189.72	\$ 284.55
D			\$ 11.70	\$ 17.53	\$ 27.13	\$ 35.67	\$ 46.24	\$ 65.38	\$ 84.52	\$ 122.69	\$ 199.35	\$ 295.06
Flash/Other			\$ 0.00 G	\$ 0.00 T	\$ 0.00 D	\$ 0.00 G	\$ 0.00 T	\$ 0.00 D	\$ 0.00 G	\$ 0.00 T	\$ 0.00 D	\$ 0.00 G
PGP			\$ 0.00 G	\$ 0.00 T	\$ 0.00 D	\$ 0.00 G	\$ 0.00 T	\$ 0.00 D	\$ 0.00 G	\$ 0.00 T	\$ 0.00 D	\$ 0.00 G
Fuel Adjustment			\$ 0.01312 D	\$ 0.01312 O	\$ 0.01312 T	\$ 0.01312 G	\$ 0.01312 T	\$ 0.01312 D	\$ 0.01312 G	\$ 0.01312 T	\$ 0.01312 D	\$ 0.01312 G
TR-A/C			\$ 0.01493 O	\$ 0.01493 T	\$ 0.01493 G	\$ 0.01493 D	\$ 0.01493 T	\$ 0.01493 G	\$ 0.01493 D	\$ 0.01493 T	\$ 0.01493 G	\$ 0.01493 D
ER-A/C			\$ 0.05466 O	\$ 0.05466 T	\$ 0.05466 G	\$ 0.05466 D	\$ 0.05466 T	\$ 0.05466 G	\$ 0.05466 D	\$ 0.05466 T	\$ 0.05466 G	\$ 0.05466 D
RPS-B/A/C			\$ 0.0218 O	\$ 0.0218 T	\$ 0.0218 G	\$ 0.0218 D	\$ 0.0218 T	\$ 0.0218 G	\$ 0.0218 D	\$ 0.0218 T	\$ 0.0218 G	\$ 0.0218 D
RJS-AS/DE			\$ 0.06950 O	\$ 0.06950 T	\$ 0.06950 G	\$ 0.06950 D	\$ 0.06950 T	\$ 0.06950 G	\$ 0.06950 D	\$ 0.06950 T	\$ 0.06950 G	\$ 0.06950 D
RJS-AS/F			\$ 0.00243 G	\$ 0.00243 T	\$ 0.00243 D	\$ 0.00243 G	\$ 0.00243 T	\$ 0.00243 D	\$ 0.00243 G	\$ 0.00243 T	\$ 0.00243 D	\$ 0.00243 G
FCAP			\$ 0.00013 G	\$ 0.00013 T	\$ 0.00013 D	\$ 0.00013 G	\$ 0.00013 T	\$ 0.00013 D	\$ 0.00013 G	\$ 0.00013 T	\$ 0.00013 D	\$ 0.00013 G
RPS-AS			\$ 0.00013 O	\$ 0.00013 T	\$ 0.00013 G	\$ 0.00013 D	\$ 0.00013 T	\$ 0.00013 G	\$ 0.00013 D	\$ 0.00013 T	\$ 0.00013 G	\$ 0.00013 D
Q/R-A/C			\$ 0.000131 O	\$ 0.000131 T	\$ 0.000131 G	\$ 0.000131 D	\$ 0.000131 T	\$ 0.000131 G	\$ 0.000131 D	\$ 0.000131 T	\$ 0.000131 G	\$ 0.000131 D
DR-B/A/C			\$ 0.00000 O	\$ 0.00000 T	\$ 0.00000 G	\$ 0.00000 D	\$ 0.00000 T	\$ 0.00000 G	\$ 0.00000 D	\$ 0.00000 T	\$ 0.00000 G	\$ 0.00000 D
ER-B/A/C			\$ 0.000137 D	\$ 0.000137 T	\$ 0.000137 G	\$ 0.000137 O	\$ 0.000137 T	\$ 0.000137 G	\$ 0.000137 O	\$ 0.000137 T	\$ 0.000137 G	\$ 0.000137 O
BC-B/A/C			\$ 0.00093 D	\$ 0.00093 T	\$ 0.00093 G	\$ 0.00093 O	\$ 0.00093 T	\$ 0.00093 G	\$ 0.00093 O	\$ 0.00093 T	\$ 0.00093 G	\$ 0.00093 O
FCR-O			\$ 0.000 G	\$ 0.000 T	\$ 0.000 D	\$ 0.000 G	\$ 0.000 T	\$ 0.000 D	\$ 0.000 G	\$ 0.000 T	\$ 0.000 D	\$ 0.000 G
FCR-D			\$ 0.000 D	\$ 0.000 G	\$ 0.000 T	\$ 0.000 D	\$ 0.000 G	\$ 0.000 T	\$ 0.000 D	\$ 0.000 G	\$ 0.000 T	\$ 0.000 D
TR-B Rider			\$ 0.000 G	\$ 0.000 T	\$ 0.000 D	\$ 0.000 G	\$ 0.000 T	\$ 0.000 D	\$ 0.000 G	\$ 0.000 T	\$ 0.000 D	\$ 0.000 G
T.B.T. Rider			\$ 0.000 D	\$ 0.000 G	\$ 0.000 T	\$ 0.000 D	\$ 0.000 G	\$ 0.000 T	\$ 0.000 D	\$ 0.000 G	\$ 0.000 T	\$ 0.000 D
Total BS												
G			\$ 8.65	\$ 21.67	\$ 43.35	\$ 64.99	\$ 85.65	\$ 130.00	\$ 133.33	\$ 259.95	\$ 437.25	\$ 649.90
I			\$ 8.65	\$ 19.13	\$ 18.33	\$ 27.75	\$ 34.65	\$ 64.63	\$ 129.77	\$ 150.33	\$ 192.33	\$ 273.45
D			\$ 12.22	\$ 19.63	\$ 29.25	\$ 53.83	\$ 50.52	\$ 71.81	\$ 81.04	\$ 135.64	\$ 220.76	\$ 321.77
CTC			\$ 24.51	\$ 49.33	\$ 61.83	\$ 112.22	\$ 171.63	\$ 256.52	\$ 319.33	\$ 554.97	\$ 835.31	\$ 1,255.52

SWS	SANCTUARY WORSHIP SERVICE (SWS)	Rate Schedule Charger	EW		\$1,500	\$1,600	\$1,600	\$18,000	\$18,000	\$18,000	\$18,000	
			1,500	1,600								
Base Calculations												
Customer Charge	\$100	10-78 D	\$	10.78	\$	10.78	\$	10.78	\$	10.78	\$	10.78
Energy Charge	\$1,968	0.03525 O	\$	53.28	\$	118.56	\$	197.61	\$	355.23	\$	1,185.60
	0.00000 T		\$	-	\$	-	\$	-	\$	-	\$	1,976.00
	0.04159 D		\$	63.75	\$	127.59	\$	212.55	\$	425.06	\$	1,275.09
Subtotal		G	\$	53.28	\$	118.56	\$	197.60	\$	355.23	\$	1,185.60
	T		\$	-	\$	-	\$	-	\$	-	\$	-
	D		\$	63.75	\$	127.59	\$	212.55	\$	425.06	\$	1,275.09
Placeholder	\$1,968	0.000 G	\$	-	\$	-	\$	-	\$	-	\$	-
FIPP	\$1,968	0.00132 D	\$	1.96	\$	3.95	\$	6.65	\$	13.29	\$	37.50
Fed Adjustment	\$1,968	0.04139 G	\$	82.09	\$	124.17	\$	256.95	\$	414.70	\$	2,681.70
T.R.A.C.	\$1,968	0.00011 T	\$	-	\$	-	\$	-	\$	-	\$	2,956.00
	0.00011 D		\$	8.15	\$	11.45	\$	23.69	\$	38.13	\$	56.50
	0.00000 G		\$	-	\$	-	\$	-	\$	-	\$	161.55
DR-F.R.A.C.	\$1,968	0.00000 G	\$	-	\$	-	\$	-	\$	-	\$	-
RPS AS DE	\$1,968	0.00018 G	\$	0.42	\$	0.84	\$	1.40	\$	2.82	\$	8.40
RPS AS F	\$1,968	0.00019 G	\$	1.13	\$	2.25	\$	3.75	\$	7.50	\$	22.50
FCAP	\$1,968	0.00022 G	\$	0.32	\$	0.65	\$	1.00	\$	2.00	\$	6.00
RPS AS	\$1,968	0.00017 G	\$	0.26	\$	0.51	\$	0.85	\$	1.70	\$	5.10
GR-CAC	\$1,968	0.00017 G	\$	3.69	\$	11.37	\$	18.55	\$	37.99	\$	113.10
DR-B.R.A.C.	\$1,968	0.00000 G	\$	-	\$	-	\$	-	\$	-	\$	319.50
EE-B.R.A.C.	\$1,968	0.00000 D	\$	3.56	\$	7.11	\$	11.15	\$	23.73	\$	71.15
HC.R.A.C.	\$1,968	0.00003 D	\$	3.13	\$	2.34	\$	3.90	\$	7.63	\$	23.43
	N		\$	-	\$	-	\$	-	\$	-	\$	39.00
	N		\$	3.13	\$	2.34	\$	3.90	\$	7.63	\$	23.43
B.R.G	N	0.000 G	\$	-	\$	-	\$	-	\$	-	\$	-
FC.R.D	N	0.000 D	\$	-	\$	-	\$	-	\$	-	\$	-
T.R.P. Edes	N	0.000 G	\$	-	\$	-	\$	-	\$	-	\$	-
T.R.E. Rides	N	0.000 D	\$	-	\$	-	\$	-	\$	-	\$	-
Total Bill		G	\$	134.02	\$	267.99	\$	445.65	\$	892.50	\$	2,679.95
	T		\$	-	\$	-	\$	-	\$	-	\$	4,466.55
	D		\$	87.18	\$	174.36	\$	299.60	\$	581.23	\$	1,743.69
	CTC		\$	81.24	\$	151.69	\$	243.63	\$	485.45	\$	1,519.88
	A		\$	337.44	\$	674.04	\$	1,152.58	\$	2,843.31	\$	9,731.73

APPALACHIAN POWER COMPANY - VIRGINIA  
TYPICAL BILL  
PUR-2025-00043

APCo Exhibit No.  
Westar, Inc.  
Schedule 4  
Page 3 of 11

Total Net Monthly Bill  
Current Rates as of April 1, 2025  
APCo - Virginia

SGS	SERVICE DESCRIPTION	Rate	kW		kWh					
			Schedule	kWh		375	1,860	3,690	4,860	
<b>Bill Calculations</b>										
Customer Charge	\$ 0.00	9.81 D	\$	9.81	\$	9.81	\$	9.81		
Energy Charge	\$ 1.95	0.0342 G	\$	12.53	\$	34.22	\$	68.45	\$	136.83
		0.0000 T	\$	-	\$	33.25	\$	-		
		0.0355 D	\$	11.15	\$	63.52	\$	121.04		
Subtotal		G	\$	12.53	\$	34.23	\$	68.45	\$	136.83
	T	\$	-	\$	\$	-	\$	-		
	D	\$	21.23	\$	49.14	\$	79.49	\$	139.92	
Residential	\$ 1.95	0.0000 G	\$	-	\$	-	\$	-		
	0.0001 T	\$	-	\$	-	\$	-			
	0.0002 D	\$	-	\$	-	\$	-			
FPP	\$ 1.95	0.0012 D	\$	0.53	\$	1.32	\$	2.64	\$	5.28
Fuel Adjustment	\$ 1.95	0.04139 G	\$	15.52	\$	41.39	\$	82.78	\$	165.55
TRAC	\$ 1.95	0.02119 T	\$	15.57	\$	28.19	\$	56.38	\$	112.76
ERAC	\$ 1.95	0.00248 G	\$	0.93	\$	2.48	\$	4.95	\$	9.92
RFS RAC	\$ 1.95	0.00009 G	\$	-	\$	-	\$	-		
RFS AS DF	\$ 1.95	0.00002 G	\$	0.21	\$	0.53	\$	1.06	\$	2.22
RFS AS T	\$ 1.95	0.00015 G	\$	0.21	\$	0.53	\$	1.06	\$	2.00
FCAP	\$ 1.95	0.00012 G	\$	0.65	\$	0.12	\$	0.24	\$	0.48
RFS AS	\$ 1.95	0.00012 G	\$	0.64	\$	0.11	\$	0.22	\$	0.45
ORAC	\$ 1.95	0.00266 G	\$	1.00	\$	2.66	\$	5.32	\$	10.64
DR RAC	\$ 1.95	0.00009 G	\$	-	\$	-	\$	-		
EE RAC	\$ 1.95	0.00017 D	\$	0.59	\$	2.37	\$	4.74	\$	9.45
BC RAC	\$ 1.95	0.00004 D	\$	0.23	\$	0.34	\$	1.08	\$	2.16
EE G	\$ 1.95	0.00002 G	\$	-	\$	-	\$	-		
BC D	\$ 1.95	0.00002 D	\$	-	\$	-	\$	-		
TRR Rider	\$ 1.95	0.00002 G	\$	-	\$	-	\$	-		
TRR Rider	\$ 1.95	0.00002 D	\$	-	\$	-	\$	-		
Total Bill		G	\$	39.76	\$	81.98	\$	163.96	\$	327.92
	T	\$	10.57	\$	28.19	\$	55.38	\$	112.76	
	D	\$	22.12	\$	44.37	\$	78.66	\$	147.84	
	CFC	\$	64.15	\$	154.54	\$	299.23	\$	588.52	
<b>GS Sec GENERAL SERVICE - Sec</b>										
		Ex KVAR	\$	0	\$	48				
		kW		48		75		500		
		Schedule	kWh	18,000		38,000		218,000		
		Charges		Block 1		11,250		75,000		
				Block 2		16,750		122,000		
				Block 3		8		15,250		
<b>Bill Calculations</b>										
Generators										
Dem-On-Peak	\$ 1.95	1.37 G	\$	134.80	\$	212.75	\$	1,615.00		
Even-Off-Peak	\$ 1.95	0.23 G	\$	-	\$	-	\$	-		
Block 1 Energy	\$ 1.95	0.02433 G	\$	247.18	\$	275.56	\$	3,030.75		
Block 2 Energy	\$ 1.95	0.01781 G	\$	71.24	\$	333.94	\$	2,224.25		
Block 3 Energy	\$ 1.95	0.00855 G	\$	-	\$	-	\$	-		
Block 1 Energy	\$ 1.95	0.00014 G	\$	1.40	\$	2.57	\$	19.25		
DR RAC Block 1	\$ 1.95	0.00009 G	\$	-	\$	0.54	\$	2.34		
DR RAC Block 2	\$ 1.95	0.00009 G	\$	-	\$	-	\$	-		
DR RAC Off-Peak	\$ 1.95	0.00 G	\$	-	\$	-	\$	-		
DR RAC On-Peak	\$ 1.95	0.00 G	\$	-	\$	-	\$	-		
ORAC Block 1	\$ 1.95	0.00214 G	\$	21.45	\$	41.24	\$	321.75		
ORAC Block 2	\$ 1.95	0.00355 G	\$	-	\$	9.15	\$	44.82		
ORAC Block 3	\$ 1.95	0.00000 G	\$	-	\$	-	\$	-		
ORAC On-Peak	\$ 1.95	0.15 G	\$	6.00	\$	11.25	\$	55.00		
ORAC Off-Peak	\$ 1.95	0.07 G	\$	-	\$	-	\$	-		
RFS Block 1	\$ 1.95	0.00009 G	\$	-	\$	-	\$	-		
RFS Block 2	\$ 1.95	0.00009 G	\$	-	\$	-	\$	-		
RFS AS DB	\$ 1.95	0.00028 G	\$	1.68	\$	3.13	\$	21.00		
RFS AS DE	\$ 1.95	0.00038 G	\$	1.12	\$	2.23	\$	35.00		
RFS AS DS	\$ 1.95	0.00030 G	\$	-	\$	-	\$	3.22		
RFS AS F	\$ 1.95	0.00024 G	\$	4.44	\$	8.33	\$	55.00		
RFS AS F-B	\$ 1.95	0.00074 G	\$	2.95	\$	12.14	\$	92.53		
RFS AS F-B3	\$ 1.95	0.00074 G	\$	-	\$	-	\$	14.06		
PCAP B1	\$ 1.95	0.00058 G	\$	0.45	\$	0.93	\$	6.00		
PCAP B2	\$ 1.95	0.00000 G	\$	0.24	\$	1.13	\$	7.52		
PCAP B3	\$ 1.95	0.00003 G	\$	-	\$	-	\$	0.57		
PCAP C-P	\$ 1.95	0.01 G	\$	0.40	\$	0.73	\$	3.00		
PCAP Off-Peak	\$ 1.95	0.00 G	\$	-	\$	-	\$	-		
RFS AS DS	\$ 1.95	0.00037 G	\$	0.42	\$	0.75	\$	5.25		
RFS AS DS2	\$ 1.95	0.00005 G	\$	0.23	\$	0.54	\$	3.15		
RFS AS B1	\$ 1.95	0.00002 G	\$	-	\$	-	\$	0.23		
RFS AS On-Peak	\$ 1.95	0.01 G	\$	0.42	\$	0.75	\$	5.05		
TRR D	\$ 0.00 G		\$	-	\$	-	\$	-		
PRD G	\$ 0.00 G		\$	-	\$	-	\$	-		
E RAC B1	\$ 1.95	0.00221 G	\$	22.10	\$	45.55	\$	331.95		
E RAC B2	\$ 1.95	0.00051 G	\$	-	\$	7.78	\$	67.65		
E RAC Off-Peak	\$ 1.95	0.00110 G	\$	6.00	\$	11.25	\$	75.00		
E RAC On-Peak	\$ 1.95	0.004 G	\$	-	\$	-	\$	-		
Total Charge	\$ 1.95	0.04139 G	\$	413.92	\$	1,241.72	\$	9,664.41		
<b>Transmission</b>										
TRAC Off-Peak	\$ 1.95	1.94 T	\$	79.20	\$	141.53	\$	949.00		
TRAC On-Peak	\$ 1.95	0.777 T	\$	-	\$	-	\$	-		
TRAC Block 1	\$ 1.95	0.02440 T	\$	146.45	\$	214.53	\$	1,835.00		
TRAC Block 2	\$ 1.95	0.01915 T	\$	59.63	\$	214.66	\$	1,693.75		
TRAC Block 3	\$ 1.95	0.00065 T	\$	-	\$	-	\$	0.55		
Block 1 Energy	\$ 1.95	0.00005 T	\$	-	\$	-	\$	-		
Block 2 Energy	\$ 1.95	0.00005 T	\$	-	\$	-	\$	-		
Dem-On-Peak	\$ 1.95	0.00 T	\$	-	\$	-	\$	-		
Block 1	\$ 1.95	14.01 D	\$	14.01	\$	14.01	\$	14.01		
Block 2	\$ 1.95	44.49 D	\$	44.49	\$	83.25	\$	555.00		
Block 3	\$ 1.95	0.00 D	\$	-	\$	-	\$	-		
Block 1 Energy	\$ 1.95	0.03523 D	\$	233.58	\$	441.34	\$	2,342.25		
Block 2 Energy	\$ 1.95	0.01585 D	\$	32.52	\$	233.64	\$	1,653.75		
Block 3 Energy	\$ 1.95	0.00000 D	\$	-	\$	-	\$	-		
Reactive Dem	\$ 1.95	0.00 D	\$	-	\$	-	\$	31.60		
EE RAC Block 1	\$ 1.95	0.00231 D	\$	14.22	\$	26.66	\$	197.75		
EE RAC Block 2	\$ 1.95	0.00237 D	\$	9.45	\$	44.44	\$	256.15		
EE RAC Block 3	\$ 1.95	0.00237 D	\$	-	\$	-	\$	45.01		
TRR D	\$ 0.00 G		\$	-	\$	-	\$	-		
FPP D	\$ 0.00 G		\$	-	\$	-	\$	-		
FCAP	\$ 0.00 G	0.0132 D	\$	13.23	\$	39.69	\$	219.68		
IC RAC Block 1	\$ 1.95	0.00553 D	\$	5.00	\$	10.31	\$	68.75		
IC RAC Block 2	\$ 1.95	0.00082 D	\$	-	\$	0.19	\$	1.63		
IC RAC Block 3	\$ 1.95	0.00000 D	\$	-	\$	-	\$	-		
		G \$	\$	874.35	\$	2,372.21	\$	16,119.57		
		T \$	\$	216.29	\$	727.06	\$	6,214.72		
		D \$	\$	321.21	\$	952.68	\$	6,334.52		
		Total	\$	1,522.77	\$	3,933.14	\$	27,228.77		

APPALACHIAN POWER COMPANY - VIRGINIA  
TYPICAL BILL  
PUR-2025-00049

APCn Edition No.  
Version 200  
Schedule 4  
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Typical Net Monthly Bill Current Rates as of April 1, 2015								
APCs - Virginia								
GSP HN	GENERAL SERVICE - FH	Ex. KVAR	129	129	Ex. KVAR	129	129	
		Pwr. kW	1,000	1,000	Pwr. kW	1,000	1,000	
		Schedule	Block 1	208,000	438,000	Block 1	208,000	438,000
		Charge	Block 1	150,000	150,000	Block 1	208,000	215,000
			Block 2	50,000	50,000	Block 2		163,000
			Block 3		50,000			
<b>Bill Calculations</b>								
<b>Generation</b>								
Dem-On-Peak	\$33W	0.24 G	\$	3,250.00	\$	3,250.00		
Excess-Off-Peak	\$33W	0.22 G	\$	-	\$	-		
Block 1 Energy	\$33W	0.02357 G	\$	3,511.00	\$	3,511.00		
Block 1 Energy	\$33W	0.01724 G	\$	334.00	\$	4,372.00		
Block 1 Energy	\$33W	0.00537 G	\$	-	\$	249.65		
DR-RAC-BH-1	\$33W	0.00031 G	\$	26.00	\$	38.75		
DR-RAC-BH-2	\$33W	0.00030 G	\$	-	\$	14.67		
DR-RAC-Of-Pk	\$33W	0.00 G	\$	-	\$	-		
DR-RAC-Of-Pk	\$33W	0.00 G	\$	-	\$	-		
G-RAC-BH-1	\$33W	0.00222 G	\$	447.00	\$	477.25		
G-RAC-BH-2	\$33W	0.00052 G	\$	-	\$	84.76		
G-RAC-BH-3	\$33W	0.00009 G	\$	-	\$	-		
G-RAC-Of-Pk	\$33W	0.01 G	\$	155.00	\$	157.00		
G-RAC-Of-Pk	\$33W	0.01 G	\$	-	\$	-		
RFS-AS-1	\$33W	0.00009 G	\$	-	\$	-		
RFS-AS-DE-81	\$33W	0.00031 G	\$	45.53	\$	45.53		
RFS-AS-DE-82	\$33W	0.00031 G	\$	15.53	\$	47.53		
RFS-AS-DE-83	\$33W	0.00027 G	\$	-	\$	19.26		
RFS-AS-1-DE	\$33W	0.00073 G	\$	159.00	\$	159.00		
RFS-AS-1-DE	\$33W	0.00073 G	\$	35.00	\$	155.00		
RFS-AS-1-DE	\$33W	0.00073 G	\$	-	\$	-		
RFS-AS-1-DE	\$33W	0.00073 G	\$	-	\$	25.63		
RFS-AS-1-DE	\$33W	0.00073 G	\$	12.00	\$	12.00		
PCAP-81	\$33W	0.00056 G	\$	3.00	\$	15.00		
PCAP-82	\$33W	0.00056 G	\$	-	\$	1.14		
PCAP-Of-Pk	\$33W	0.01 G	\$	10.00	\$	17.00		
PCAP-Of-Pk	\$33W	0.01 G	\$	-	\$	-		
RFS-AS-81	\$33W	0.00091 G	\$	19.55	\$	19.55		
RFS-AS-82	\$33W	0.00055 G	\$	2.52	\$	12.50		
RFS-AS-83	\$33W	0.00092 G	\$	-	\$	0.78		
RFS-AS-Of-Pk	\$33W	0.01 G	\$	13.00	\$	19.00		
TFR-G	\$33W	0.00 G	\$	-	\$	-		
TFR-G	\$33W	0.00 G	\$	-	\$	-		
E-RAC-BH-1	\$33W	0.00311 G	\$	422.00	\$	437.25		
E-RAC-BH-2	\$33W	0.00079 G	\$	-	\$	155.25		
F-RAC-DE-3	\$33W	0.00000 G	\$	-	\$	-		
F-RAC-Of-Pk	\$33W	0.015 G	\$	159.00	\$	159.00		
S-RAC-Of-Pk	\$33W	0.016 G	\$	-	\$	-		
Fuel Charge	\$33W	0.04139 G	\$	8,278.00	\$	18,128.82		
<b>Transmission</b>								
T-RAC-On-Pk	\$33W	1.91 T	\$	1,510.00	\$	1,510.00		
T-RAC-Of-Pk	\$33W	0.74 T	\$	-	\$	-		
T-RAC-Block-1	\$33W	0.02217 T	\$	2,475.52	\$	2,475.52		
T-RAC-Block-2	\$33W	0.01418 T	\$	719.00	\$	3,535.00		
T-RAC-Block-3	\$33W	0.00605 T	\$	-	\$	1.90		
Block 1 Energy	\$33W	0.00000 T	\$	-	\$	-		
Block 2 Energy	\$33W	0.00000 T	\$	-	\$	-		
Demanded-Of-Pk	\$33W	0.00 T	\$	-	\$	-		
<b>Distribution</b>								
Cost Charge	\$33W	83.85 D	\$	33.85	\$	83.85		
Dem-On-Pk	\$33W	0.04 D	\$	60.00	\$	60.00		
Excess-Off-Pk	\$33W	0.13 D	\$	-	\$	-		
Block 1 Energy	\$33W	0.03168 D	\$	5,419.00	\$	5,419.00		
Block 2 Energy	\$33W	0.01436 D	\$	718.00	\$	3,529.00		
Block 3 Energy	\$33W	0.00000 D	\$	-	\$	-		
Reactive-Dem	\$33W	0.057 D	\$	132.00	\$	132.00		
EE-RAC-Block-1	\$33W	0.00215 D	\$	317.53	\$	317.53		
EE-RAC-Block-2	\$33W	0.00215 D	\$	112.53	\$	162.53		
EE-RAC-Block-3	\$33W	0.00215 D	\$	-	\$	85.53		
TRR-D	\$33W	0.000 D	\$	-	\$	-		
FPP-D	\$33W	0.000 D	\$	-	\$	-		
PPF-D	\$33W	0.000 D	\$	254.00	\$	571.44		
BC-RAC-Block-1	\$33W	0.00047 D	\$	94.00	\$	129.25		
BC-RAC-Block-2	\$33W	0.00002 D	\$	-	\$	3.26		
BC-RAC-Block-3	\$33W	0.00009 D	\$	-	\$	-		
O			\$	37,556.00	\$	31,490.69		
T			\$	6,154.53	\$	8,581.43		
D			\$	7,772.85	\$	11,331.03		
Total	\$33W		\$	31,231.35	\$	52,211.11		
<b>LPS Sec - LARGE POWER SERVICE (LPS) - SLC</b>								
GSP HN	LARGE POWER SERVICE (LPS) - SLC	Ex. KVAR	129	129	129			
		Pwr. kW	1,000	2,000	2,000			
		Schedule	Block 1	Block 2	Block 3			
		Charge	450,000	1,000,000	2,000,000			
<b>Bill Calculations</b>								
<b>Generation</b>								
Dem-On-Pk	\$33W	19.55 G	\$	15,562.00	\$	21,123.00	\$	31,589.00
Excess-Off-Pk	\$33W	1.64 G	\$	-	\$	-		
Energy Charge	\$33W	0.04150 G	\$	23,435.60	\$	45,860.00	\$	51,859.00
DR-RAC-On-Pk	\$33W	0.00000 G	\$	-	\$	-		
DR-RAC-Of-Pk	\$33W	0.00000 G	\$	-	\$	-		
DR-RAC-Energy	\$33W	0.00000 G	\$	-	\$	-		
G-RAC-On-Pk	\$33W	0.01 G	\$	829.00	\$	1,650.00	\$	2,430.00
G-RAC-Of-Pk	\$33W	0.01 G	\$	-	\$	-		
G-RAC-Energy	\$33W	0.00000 G	\$	33.00	\$	23.00	\$	44.00
RFS-RAC	\$33W	0.00000 G	\$	-	\$	-		
RFS-AS-DE	\$33W	0.00024 G	\$	126.00	\$	332.00	\$	562.00
RFS-AS-F	\$33W	0.00174 G	\$	331.00	\$	745.00	\$	1,143.00
PCAP-Of-Pk	\$33W	0.004 G	\$	43.00	\$	43.00	\$	121.00
FCAP-Of-Pk	\$33W	0.000 G	\$	-	\$	-		
RFS-AS-Of-Pk	\$33W	0.003 G	\$	33.00	\$	63.00	\$	93.00
RFS-AS-Of-Pk	\$33W	0.00000 G	\$	-	\$	-		
TFR-G	\$33W	0.00000 G	\$	-	\$	-		
TFR-G	\$33W	0.00000 G	\$	-	\$	-		
E-RAC-On-Pk	\$33W	0.01730 G	\$	573.00	\$	1,147.00	\$	1,711.00
E-RAC-Of-Pk	\$33W	0.00000 G	\$	-	\$	-		
E-RAC-Energy	\$33W	0.00001 G	\$	354.50	\$	817.00	\$	1,427.00
Fuel Charge	\$33W	0.04139 G	\$	18,125.55	\$	41,310.00	\$	82,211.00
<b>Transmission</b>								
Dem-On-Pk	\$33W	0.00 T	\$	-	\$	-		
Dem-Off-Pk	\$33W	0.01 T	\$	-	\$	-		
LSI-T	\$33W	0.00000 T	\$	-	\$	-		
T-RAC-Energy	\$33W	0.00004 T	\$	18.00	\$	47.00	\$	83.00
T-RAC-On-Pk	\$33W	0.0123 T	\$	10,159.00	\$	20,350.00	\$	33,752.00
T-RAC-Of-Pk	\$33W	1.06 T	\$	-	\$	-		
<b>Distribution</b>								
Cost Charge	\$33W	234.98 D	\$	234.98	\$	234.98	\$	234.98
Dem-On-Pk	\$33W	9,400.00 D	\$	9,400.00	\$	18,800.00	\$	24,183.00
Excess-Off-Pk	\$33W	4,950.00 D	\$	-	\$	-		
PTV	\$33W	0.00134 D	\$	554.00	\$	1,222.00	\$	2,543.00
Reactive-Dem	\$33W	0.055 D	\$	132.00	\$	132.00	\$	132.00
O			\$	33,231.00	\$	11,143.00	\$	21,453.00
T			\$	19,245.60	\$	23,349.00	\$	33,832.00
D			\$	11,477.45	\$	23,616.54	\$	36,216.54
Total	\$33W		\$	73,944.41	\$	156,816.58	\$	241,724.44

APPALACHIAN POWER COMPANY - VIRGINIA  
TYPICAL BILL  
PUR-2025-00043

APC6 (Rev. No. 1)  
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Total Net Monthly Bill  
Current Rates as of April 1, 2015  
APCs - Virginia

## LPS PH - LARGE POWER SERVICE (LPS) - PH

	Ex. KVAR	120	120
Rate	\$/kWh	\$,000	\$,000
Schedule	1Wh	1,000,000	1,000,000
<b>Bill Calculations</b>			
Generation			
Dem-On Peak	\$1.76	12.23 G	\$ 35,855.00
Exem-Off Peak	\$1.76	1.01 G	\$ -
Energy Charge	\$1.995	0.6400 G	\$ 87,650.00
DR-DAC On Peak	\$1.76	0.0000 G	\$ -
DR-DAC Off Peak	\$1.76	0.0000 G	\$ -
DR-RAC Energy	\$1.76	0.0000 G	\$ -
G-RAC On Peak	\$1.76	0.79 G	\$ 2,765.00
G-RAC Off Peak	\$1.76	0.09 G	\$ -
G-RAC Energy	\$1.995	0.66021 G	\$ 423.00
RGS-RAC	\$1.76	0.0000 G	\$ -
RGS AS DE	\$1.995	0.0000 G	\$ 840.00
RGS AS T	\$1.995	0.0000 G	\$ 1,450.00
PGAS Off-Peak	\$1.76	0.04 G	\$ 145.00
PGAS On-Peak	\$1.76	0.00 G	\$ -
RGS AS On-Peak	\$1.76	0.03 G	\$ 153.00
RGS AS Off-Peak	\$1.76	0.00 G	\$ -
TRG-G	0.000	0 G	\$ -
TRF-G	0.000	0 G	\$ -
E-RAC On Peak	\$1.76	0.35 G	\$ 1,123.00
E-RAC Off Peak	\$1.76	0.06 G	\$ -
E-RAC Energy	\$1.995	0.66017 G	\$ 2,313.00
Fuel Charge	\$1.995	0.04139 G	\$ 82,780.00
Transmissions			\$ 124,170.00
Dem-On Peak	\$1.76	0.00 T	\$ -
Exem-Off Peak	\$1.76	0.000 T	\$ -
TRG	\$1.76	0.0000 T	\$ -
T-RAC Energy	\$1.76	0.0000 T	\$ 80.00
T-RAC On Peak	\$1.76	0.91 T	\$ 54,655.00
T-RAC Off Peak	\$1.76	1.02 T	\$ -
<b>Distribution</b>			
Cust Charge	\$1.76	276.47 D	\$ 276.47
Dem-On Peak	\$1.76	5.55 D	\$ 19,425.00
Exem-Off Peak	\$1.76	1.14 D	\$ -
TRF-D	\$1.76	0.01321 D	\$ 2,445.00
Reactive Dem	KVAR	0.05 D	\$ 122.00
EE-RAC	\$1.995	0.00215 D	\$ 4,550.00
Tier Rider Credit	0.000	0 D	\$ -
PRF-D	0.000	0 D	\$ -
BC-RAC	\$1.76	0.19 D	\$ 35.00
G		215,220.00	\$ 215,220.00
T		14,765.00	\$ 49,473.00
D		27,114.49	\$ 32,041.49
Total		\$ 237,055.49	\$ 456,714.49

## LPS Sub - LARGE POWER SERVICE (LPS) - Sub

	Ex. KVAR	120	120
Rate	\$/kWh	\$,000	\$,000
Schedule	1Wh	1,000,000	1,000,000
<b>Bill Calculations</b>			
Generation			
Dem-On Peak	\$1.76	12.09 G	\$ 35,899.00
Exem-Off Peak	\$1.76	0.99 G	\$ -
Energy Charge	\$1.995	0.6401 G	\$ 87,690.00
DR-DAC On Peak	\$1.76	0.00 G	\$ -
DR-DAC Off Peak	\$1.76	0.00 G	\$ -
DR-RAC Energy	\$1.76	0.0000 G	\$ -
G-RAC On Peak	\$1.76	0.77 G	\$ 2,750.00
G-RAC Off Peak	\$1.76	0.09 G	\$ -
G-RAC Energy	\$1.995	0.00229 G	\$ 1,009.00
RGS-RAC	\$1.76	0.0000 G	\$ -
RGS AS DE	\$1.995	0.000 G	\$ 1,300.00
RGS AS T	\$1.995	0.00025 G	\$ 3,550.00
PGAS Off-Peak	\$1.76	0.04 G	\$ 409.00
PGAS On-Peak	\$1.76	0.03 G	\$ 300.00
RGS AS On-Peak	\$1.76	0.03 G	\$ 600.00
RGS AS Off-Peak	\$1.76	0.00 G	\$ -
TRG-G	0.000	0 G	\$ -
TRF-G	0.000	0 G	\$ -
E-RAC On Peak	\$1.76	0.35 G	\$ 11,300.00
E-RAC Off Peak	\$1.76	0.06 G	\$ -
E-RAC Energy	\$1.995	0.66017 G	\$ 3,823.00
Fuel Charge	\$1.995	0.04139 G	\$ 538,973.00
Transmissions			\$ 538,973.00
Dem-On Peak	\$1.76	0.00 T	\$ -
Exem-Off Peak	\$1.76	0.00 T	\$ -
TRG	\$1.76	0.0000 T	\$ -
T-RAC Energy	\$1.76	0.0000 T	\$ 80.00
T-RAC On Peak	\$1.76	0.93 T	\$ 58,550.00
T-RAC Off Peak	\$1.76	1.02 T	\$ -
<b>Distribution</b>			
Cust Charge	\$1.76	115.09 D	\$ 115.09
Dem-On Peak	\$1.76	0.00 D	\$ -
Exem-Off Peak	\$1.76	0.00 D	\$ -
TRF-D	\$1.76	0.01322 D	\$ 6,653.00
Reactive Dem	KVAR	0.05 D	\$ 112.00
EE-RAC	\$1.995	0.00214 D	\$ 11,300.00
Tier Rider Credit	0.000	0 D	\$ -
PRF-D	0.000	0 D	\$ -
BC-RAC	\$1.76	0.19 D	\$ 35.00
G		2,454,533.00	\$ 2,454,533.00
T		97,700.00	\$ 197,453.00
D		11,727.69	\$ 47,617.69
Total		\$ 2,553,957.69	\$ 8,432,947.69

APPALACHIAN POWER COMPANY - VIRGINIA  
TYPICAL BILL  
PUR-2025-00049

APCo Exhibit No \_\_\_\_\_  
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Typical Net Monthly Bills  
Current Rates as of April 1, 2025  
APCo - Virginia

## EPS Type - LARGE POWER SERVICE (LPS) - TRAN

		1k KVAR	120	120
	Rat.	kW	kWh	kWh
	\$/kwh			
<b>Bill Components</b>				
<b>Generation</b>				
Dem-On-Peak	\$13W	0.06 G	\$ (49,400.00)	\$ 241,810.00
Excess-Off-Peak	\$13W	0.04 G	\$ -	\$ -
Line Charge	\$13W	0.0100 G	\$ 1,414,659.00	\$ 7,314,659.00
DR RAC On-Peak	\$13W	0.00 G	\$ -	\$ -
DR RAC Off-Peak	\$13W	0.00 G	\$ -	\$ -
DR RAC Energy	\$13W	0.0009 G	\$ -	\$ -
O RAC On-Peak	\$13W	0.77 G	\$ 11,552.00	\$ 22,150.00
O RAC Off-Peak	\$13W	0.09 G	\$ -	\$ -
O RAC Energy	\$13W	0.0010 G	\$ 1,713.00	\$ 3,623.00
EPS RAC	\$13W	0.0008 G	\$ -	\$ -
EPS AS DE	\$13W	0.00025 G	\$ 2,342.00	\$ 4,540.00
EPS AS F	\$13W	0.00043 G	\$ 6,210.00	\$ 13,112.00
PCAP On-Peak	\$13W	0.04 G	\$ 650.00	\$ 1,200.00
PCAP Off-Peak	\$13W	0 G	\$ -	\$ -
EPS AS On-Peak	\$13W	0.03 G	\$ 459.00	\$ 909.00
EPS AS Off-Peak	\$13W	0 G	\$ -	\$ -
TER-G		0 G	\$ -	\$ -
TER-F		0 G	\$ -	\$ -
E RAC On-Peak	\$13W	0.04 G	\$ 8,159.00	\$ 16,359.00
E RAC Off-Peak	\$13W	0.06 G	\$ -	\$ -
E RAC Energy	\$13W	0.00075 G	\$ 6,841.00	\$ 14,441.00
Fuel Charge	\$13W	0.64139 G	\$ 372,510.00	\$ 745,413.00
<b>Transmission</b>				
Dem-On-Peak	\$13W	0.00 T	\$ -	\$ -
Excess-Off-Peak	\$13W	0.00 T	\$ -	\$ -
Line Charge	\$13W	0.00009 T	\$ -	\$ -
TRAC Energy	\$13W	0.00054 T	\$ 353.00	\$ 706.00
TRAC On-Peak	\$13W	0.75 T	\$ 145,500.00	\$ 291,000.00
TRAC Off-Peak	\$13W	1.00 T	\$ -	\$ -
<b>Distribution</b>				
Cust Charge	\$100	459.95 D	\$ 459.95	\$ 459.95
Dem-On-Peak	\$13W	0 D	\$ -	\$ -
Excess-Off-Peak	\$13W	0 D	\$ -	\$ -
PDP	\$13W	0.05152 D	\$ 11,113.00	\$ 25,669.00
Reactive Distr	1kVAR	0.05 D	\$ 132.00	\$ 132.00
EE-RAC	\$13W	0.0022 D	\$ 19,800.00	\$ 41,600.00
Tar Rider Credit		0.00020 D	\$ -	\$ -
PPF D		0.00009 D	\$ -	\$ -
BC-RAC	\$13W	0.05 D	\$ 252.00	\$ 1,520.00
G			\$ 4,033,712.00	\$ 8,496,710.00
T			\$ 145,165.00	\$ 211,760.00
D			\$ 37,541.50	\$ 68,821.50
Total			\$ 4,212,311.50	\$ 8,857,351.50

APPALACHIAN POWER COMPANY - VIRGINIA  
TYPICAL BILL  
PUR-2025-00049

APG Electric  
West Virginia  
Schedule 4  
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Typical Net Monthly Bills  
Current Rates as of April 1, 2025 with Proposed RPS

APCs - Virginia

RS	RESIDENTIAL	Res Schedule	Typical Net Monthly Bills											
			\$195	\$325	\$325	\$325	\$325	\$325	\$325	\$325	\$325	\$325		
	BILL CALC. CHARGE	Charges	\$195	\$325	\$325	\$325	\$325	\$325	\$325	\$325	\$325	\$325		
	Customer Charge	\$195	7.56 D	\$ 7.56	\$ 7.56	\$ 7.56	\$ 7.56	\$ 7.56	\$ 7.56	\$ 7.56	\$ 7.56	\$ 7.56		
	Energy Charge													
All LWS			0.02174 G	\$ 3.79	\$ 9.47	\$ 16.47	\$ 26.46	\$ 37.94	\$ 56.91	\$ 75.88	\$ 113.82	\$ 167.73		
			0.02174 T	\$ 3.79	\$ 9.47	\$ 16.47	\$ 26.46	\$ 37.94	\$ 56.91	\$ 75.88	\$ 113.82	\$ 167.73		
			0.02174 D	\$ 3.83	\$ 9.57	\$ 16.54	\$ 26.71	\$ 38.28	\$ 57.42	\$ 76.56	\$ 114.44	\$ 171.49		
	Service		G	\$ 3.79	\$ 9.47	\$ 16.47	\$ 26.46	\$ 37.94	\$ 56.91	\$ 75.88	\$ 113.82	\$ 167.73		
			T	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
			D	\$ 11.79	\$ 17.53	\$ 27.10	\$ 36.67	\$ 45.24	\$ 65.34	\$ 84.52	\$ 121.10	\$ 159.36	\$ 215.06	
Placeholder			0.00000 S	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
			0.00000 T	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
			0.00000 D	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	FPP		G	\$ 0.13	\$ 0.33	\$ 0.66	\$ 0.99	\$ 1.32	\$ 1.58	\$ 2.64	\$ 3.95	\$ 6.60	\$ 9.95	
	Fuel Adjustment		G	\$ 4.14	\$ 19.35	\$ 22.72	\$ 31.04	\$ 41.37	\$ 62.09	\$ 82.78	\$ 124.17	\$ 226.95	\$ 310.43	
	TRAC		G	\$ 0.65	\$ 9.12	\$ 18.23	\$ 27.35	\$ 35.45	\$ 54.69	\$ 72.92	\$ 129.38	\$ 181.35	\$ 211.45	
	ERAC		G	\$ 0.0284	\$ 0.71	\$ 1.42	\$ 2.13	\$ 2.84	\$ 4.26	\$ 5.68	\$ 8.52	\$ 14.23	\$ 21.35	
	DRERAC		G	\$ 0.0000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	RSSASDE		G	\$ 0.04	\$ 0.10	\$ 0.25	\$ 0.39	\$ 0.53	\$ 0.78	\$ 1.13	\$ 1.55	\$ 2.05	\$ 2.91	
	VSEAF		G	\$ 0.03	\$ 0.21	\$ 0.43	\$ 0.74	\$ 1.14	\$ 2.53	\$ 4.21	\$ 5.75	\$ 8.55	\$ 14.25	
	PCAP		G	\$ 0.05	\$ 0.12	\$ 0.24	\$ 0.35	\$ 0.47	\$ 0.71	\$ 0.94	\$ 1.41	\$ 2.35	\$ 3.51	
	RSSAS		G	\$ 0.19	\$ 0.48	\$ 0.56	\$ 1.44	\$ 1.92	\$ 2.15	\$ 3.34	\$ 5.76	\$ 9.60	\$ 14.49	
	GRAC		G	\$ 0.032	\$ 0.89	\$ 1.63	\$ 2.41	\$ 3.21	\$ 4.82	\$ 6.42	\$ 9.63	\$ 15.65	\$ 24.68	
	DRRAC		G	\$ 0.0000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	EEERAC		G	\$ 0.0037	\$ 0.59	\$ 1.17	\$ 1.78	\$ 2.37	\$ 3.55	\$ 4.74	\$ 7.11	\$ 11.15	\$ 17.78	
	BCRAC		G	\$ 0.0059	\$ 0.15	\$ 0.33	\$ 0.44	\$ 0.53	\$ 0.89	\$ 1.18	\$ 1.77	\$ 2.55	\$ 4.43	
	EGC		G	\$ 0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	EGD		G	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	TRR_Ede		G	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	TRR_Edu		G	\$ 0.07	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
	Total Bill		O	\$ 9.13	\$ 22.76	\$ 45.51	\$ 69.26	\$ 91.01	\$ 139.54	\$ 182.02	\$ 293.03	\$ 455.65	\$ 682.69	
			I	\$ 3.65	\$ 9.12	\$ 20.23	\$ 27.35	\$ 35.45	\$ 54.69	\$ 72.92	\$ 129.38	\$ 181.35	\$ 211.45	
			D	\$ 12.22	\$ 18.42	\$ 29.25	\$ 37.89	\$ 59.52	\$ 71.11	\$ 93.08	\$ 139.64	\$ 227.76	\$ 327.17	
			CTC	A	\$ 24.47	\$ 53.45	\$ 93.01	\$ 135.40	\$ 177.69	\$ 263.04	\$ 348.02	\$ 518.05	\$ 851.11	\$ 1,283.22

SWS	SANCTUARY WORKED SERVICE (SWS)	Res Schedule	Typical Net Monthly Bills										
			\$195	\$325	\$325	\$325	\$325	\$325	\$325	\$325	\$325	\$325	
	BILL CALC. CHARGE	Charges	\$195	\$325	\$325	\$325	\$325	\$325	\$325	\$325	\$325	\$325	
	Customer Charge	\$195	10.78 D	\$ 10.78	\$ 10.78	\$ 10.78	\$ 10.78	\$ 10.78	\$ 10.78	\$ 10.78	\$ 10.78	\$ 10.78	
	Energy Charge												
All LWS			0.02182 G	\$ 5.92	\$ 13.85	\$ 19.61	\$ 35.23	\$ 1,055.69	\$ 1,976.00				
			0.02182 T	\$ 5.92	\$ 13.85	\$ 19.61	\$ 35.23	\$ 1,055.69	\$ 1,976.00				
			0.02182 D	\$ 6.15	\$ 12.75	\$ 21.53	\$ 42.03	\$ 1,215.00	\$ 2,135.00				
	Service		G	\$ 5.92	\$ 13.85	\$ 19.61	\$ 35.23	\$ 1,055.69	\$ 1,976.00				
			T	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
			D	\$ 24.53	\$ 33.28	\$ 23.33	\$ 435.75	\$ 1,235.78	\$ 2,135.78				
Placeholder			0.00000 S	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
			0.00000 T	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
			0.00000 D	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				
	FPP		G	\$ 1.55	\$ 3.95	\$ 6.69	\$ 13.23	\$ 33.63	\$ 66.60				
	Fuel Adjustment		G	\$ 0.63	\$ 12.17	\$ 20.55	\$ 41.99	\$ 1,241.75	\$ 2,069.55				
	TRAC		G	\$ 0.5112 T	\$ 87.18	\$ 174.36	\$ 239.65	\$ 581.23	\$ 1,743.65	\$ 2,956.50			
	ERAC		G	\$ 0.02323 G	\$ 8.67	\$ 16.15	\$ 32.39	\$ 94.95	\$ 181.95				
	DRERAC		G	\$ 0.00000	\$ -	\$ -	\$ -	\$ -	\$ -				
	RSSASDE		G	\$ 0.03239 G	\$ 1.55	\$ 1.55	\$ 3.93	\$ 11.73	\$ 19.43				
	VSSASDE		G	\$ 4.20	\$ 1.55	\$ 14.23	\$ 28.55	\$ 85.63	\$ 142.43				
	PCAP		G	\$ 0.00175 G	\$ 1.13	\$ 2.25	\$ 3.75	\$ 22.65	\$ 37.55				
	RSSAS		G	\$ 4.58	\$ 9.15	\$ 15.25	\$ 30.55	\$ 81.25	\$ 152.55				
	GRAC		G	\$ 0.03179 G	\$ 5.69	\$ 11.37	\$ 19.95	\$ 37.93	\$ 113.73	\$ 189.52			
	DRRAC		G	\$ 0.00000	\$ -	\$ -	\$ -	\$ -	\$ -				
	EEERAC		G	\$ 0.02327 D	\$ 2.56	\$ 7.11	\$ 11.85	\$ 23.73	\$ 31.13	\$ 138.55			
	BCRAC		G	\$ 0.00174 D	\$ 1.37	\$ 2.34	\$ 3.95	\$ 7.65	\$ 21.45	\$ 39.00			
	EGC		G	\$ 0.00000	\$ -	\$ -	\$ -	\$ -	\$ -				
	EGD		G	\$ 0.00000	\$ -	\$ -	\$ -	\$ -	\$ -				
	TRR_Ede		G	\$ 0.00000	\$ -	\$ -	\$ -	\$ -	\$ -				
	TRR_Edu		G	\$ 0.00000	\$ -	\$ -	\$ -	\$ -	\$ -				
	Total Bill		O	\$ 142.43	\$ 284.93	\$ 474.85	\$ 849.73	\$ 2,149.19	\$ 4,748.33				
			I	\$ 37.18	\$ 174.36	\$ 239.65	\$ 551.23	\$ 1,743.65	\$ 2,956.50				
			D	\$ 11.24	\$ 151.69	\$ 245.63	\$ 457.48	\$ 1,419.88	\$ 2,359.28				
			CTC	A	\$ 312.95	\$ 610.65	\$ 1,031.68	\$ 2,031.33	\$ 6,012.58	\$ 15,013.78			

APPALACHIAN POWER COMPANY - VIRGINIA  
TYPICAL BILL  
PUR-2025-00049

APCo EdEx No.  
Watts, JAG  
Schedule 4  
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Typical Net Monthly Bill  
Current Rates as of April 1, 2025 with Proposed RPS  
ATC's - Virginia

SGS	SERVICE	Rate Schedule Charges	LW VWS	Typical Net Monthly Bill			
				125	3,000	1,500	4,000
<b>Bill Calculations</b>							
	Customer Charge	\$ 750	9.18 D	\$ 9.18	\$ 9.18	\$ 9.18	\$ 9.18
	Energy Charge	\$ 1,975	0.01422 G	\$ 12.01	\$ 34.20	\$ 68.42	\$ 136.83
			0.00000 T	\$ -	\$ -	\$ -	\$ -
			0.03526 D	\$ 11.31	\$ 33.26	\$ 67.52	\$ 131.04
	Schedule		G	\$ 12.01	\$ 34.20	\$ 68.42	\$ 136.83
			T	\$ -	\$ -	\$ -	\$ -
			D	\$ 21.21	\$ 43.14	\$ 70.43	\$ 139.92
	Particulars	\$ 1,975	0.00000 G	\$ -	\$ -	\$ -	\$ -
			0.00000 T	\$ -	\$ -	\$ -	\$ -
			0.00000 D	\$ -	\$ -	\$ -	\$ -
	RPS	\$ 1,975	0.00132 D	\$ 0.59	\$ 1.77	\$ 2.64	\$ 5.21
	Fuel Adjustment	\$ 1,975	0.04139 O	\$ 15.52	\$ 41.39	\$ 82.78	\$ 165.55
	TRAC	\$ 1,975	0.02819 T	\$ 13.57	\$ 28.19	\$ 56.31	\$ 112.76
	E RAC	\$ 1,975	0.00219 G	\$ 0.93	\$ 2.48	\$ 4.95	\$ 9.92
	EPG RAC	\$ 1,975	0.00000 D	\$ -	\$ -	\$ -	\$ -
	EPG AS DE	\$ 1,975	0.00039 G	\$ 0.18	\$ 0.33	\$ 0.78	\$ 1.55
	EPG AS T	\$ 1,975	0.00355 G	\$ 1.87	\$ 3.55	\$ 5.73	\$ 11.43
	TCAP	\$ 1,975	0.00037 G	\$ 0.14	\$ 0.32	\$ 0.74	\$ 1.48
	RFS AS	\$ 1,975	0.00145 G	\$ 0.55	\$ 1.45	\$ 2.56	\$ 5.92
	G RAC	\$ 1,975	0.00266 G	\$ 1.09	\$ 2.66	\$ 5.32	\$ 12.64
	DR RAC	\$ 1,975	0.00000 G	\$ -	\$ -	\$ -	\$ -
	EP RAC	\$ 1,975	0.00237 D	\$ 0.81	\$ 2.37	\$ 4.74	\$ 9.43
	SC RAC	\$ 1,975	0.00000 D	\$ 0.20	\$ 0.54	\$ 1.08	\$ 2.15
	TER C	\$ 1,975	0.00000 D	\$ -	\$ -	\$ -	\$ -
	TER D	\$ 1,975	0.00000 D	\$ -	\$ -	\$ -	\$ -
	TER E	\$ 1,975	0.00000 D	\$ -	\$ -	\$ -	\$ -
	TER F	\$ 1,975	0.00000 D	\$ -	\$ -	\$ -	\$ -
	Total B2		O	\$ 32.20	\$ 35.32	\$ 121.64	\$ 343.28
			T	\$ 13.57	\$ 28.19	\$ 56.31	\$ 112.76
			D	\$ 22.81	\$ 44.37	\$ 78.55	\$ 147.84
			CTC				
			A	\$ 65.55	\$ 158.31	\$ 356.83	\$ 623.88
<b>GS Set</b>							
GS Set	GENERAL SERVICE - Sec	Ex EVAR	Ex kW/kA	Ex	Ex	Ex	Ex
		Rate Schedule Charges	LW VWS	40	75	500	500
				16,000	38,600	219,000	219,000
				Block 1	6,000	11,150	75,000
				Block 2	4,000	18,750	125,000
				Block 3	0	0	0
<b>Bill Calculations</b>							
	Generation						
	Dom-Off-Peak	\$ 1.975	0.37 G	\$ 134.89	\$ 252.75	\$ 1,635.00	
	Ents-Off-Peak	\$ 1.975	0.23 G	\$ -	\$ -	\$ -	
	Block 1 Energy	\$ 1,975	0.02459 G	\$ 147.10	\$ 235.56	\$ 1,327.75	
	Block 2 Energy	\$ 1,975	0.01711 G	\$ 72.24	\$ 133.64	\$ 2,216.23	
	Block 3 Energy	\$ 1,975	0.00635 G	\$ -	\$ -	\$ 133.75	
	DR RAC B2 1	\$ 1,975	0.00014 G	\$ 1.49	\$ 2.39	\$ 19.25	
	DR RAC B2 2	\$ 1,975	0.00009 G	\$ -	\$ 0.84	\$ 1.34	
	DR RAC On-Pk	\$ 1.975	0.00 G	\$ -	\$ -	\$ -	
	DR RAC Off-Pk	\$ 1.975	0.00 G	\$ -	\$ -	\$ -	
	G RAC B2 1	\$ 1,975	0.00214 G	\$ 23.49	\$ 48.25	\$ 321.75	
	G RAC B2 2	\$ 1,975	0.00035 G	\$ -	\$ 3.15	\$ 44.83	
	G RAC B2 3	\$ 1,975	0.00000 G	\$ -	\$ -	\$ -	
	DR RAC On-Pk	\$ 1.975	0.15 G	\$ 6.50	\$ 11.35	\$ 75.00	
	DR RAC Off-Pk	\$ 1.975	0.07 G	\$ -	\$ -	\$ -	
	RFS Block 1	\$ 1,975	0.00000 G	\$ -	\$ -	\$ -	
	RFS Block 2	\$ 1,975	0.00000 G	\$ -	\$ -	\$ -	
	RFS AS DE B1	\$ 1,975	0.00031 G	\$ 2.21	\$ 4.28	\$ 28.59	
	RFS AS DE B2	\$ 1,975	0.00031 G	\$ 1.52	\$ 2.13	\$ 47.53	
	RFS AS DE B3	\$ 1,975	0.00038 G	\$ -	\$ -	\$ 7.22	
	RFS AS F1	\$ 1,975	0.00232 G	\$ 15.92	\$ 31.72	\$ 211.59	
	RFS AS F2	\$ 1,975	0.00000 G	\$ 11.18	\$ 27.19	\$ 211.59	
	RFS AS F3	\$ 1,975	0.00029 G	\$ -	\$ -	\$ 33.58	
	TCAP B1	\$ 1,975	0.00032 G	\$ 1.18	\$ 2.43	\$ 17.25	
	TCAP B2	\$ 1,975	0.00021 G	\$ 0.16	\$ 3.84	\$ 26.25	
	TCAP B3	\$ 1,975	0.00018 G	\$ -	\$ -	\$ 3.42	
	TCAP On-Pk	\$ 1.975	0.03 G	\$ 1.22	\$ 2.25	\$ 15.00	
	TCAP Off-Pk	\$ 1.975	0.00 G	\$ -	\$ -	\$ -	
	RFS AS B1	\$ 1,975	0.00052 G	\$ 4.92	\$ 9.23	\$ 61.52	
	RFS AS B2	\$ 1,975	0.00089 G	\$ 3.23	\$ 15.05	\$ 120.00	
	RFS AS B3	\$ 1,975	0.00000 G	\$ -	\$ -	\$ 14.63	
	DR RAC On-Pk	\$ 1.975	0.14 G	\$ 5.62	\$ 12.59	\$ 70.00	
	TER G	\$ 1.975	0 G	\$ -	\$ -	\$ -	
	TER D	\$ 1.975	0 G	\$ -	\$ -	\$ -	
	E RAC Bk 1	\$ 1,975	0.00321 G	\$ 22.10	\$ 45.53	\$ 321.83	
	E RAC Bk 2	\$ 1,975	0.00581 G	\$ -	\$ 7.71	\$ 67.65	
	E RAC On-Pk	\$ 1.975	0.15 G	\$ 6.00	\$ 11.25	\$ 75.00	
	E RAC Off-Pk	\$ 1.975	0.06 G	\$ -	\$ -	\$ -	
	Total Charge	\$ 1,975	0.04139 G	\$ 413.95	\$ 1,241.70	\$ 9,644.41	
<b>Transmissions</b>							
	T RAC On-Pk	\$ 1.975	1.95 T	\$ 79.20	\$ 149.59	\$ 699.00	
	T RAC Off-Pk	\$ 1.975	0.77 T	\$ -	\$ -	\$ -	
	T RAC Block 1	\$ 1,975	0.02449 T	\$ 146.42	\$ 274.55	\$ 1,419.09	
	T RAC Block 2	\$ 1,975	0.01515 T	\$ 65.65	\$ 234.05	\$ 1,411.75	
	T RAC Block 3	\$ 1,975	0.00000 T	\$ -	\$ -	\$ 0.95	
	Block 1 Energy	\$ 1,975	0.01923 D	\$ 235.38	\$ 461.34	\$ 2,942.23	
	Block 2 Energy	\$ 1,975	0.01643 D	\$ 62.53	\$ 235.06	\$ 1,551.75	
	Block 3 Energy	\$ 1,975	0.00000 D	\$ -	\$ -	\$ -	
	Block 1 Energy	\$ 1,975	0.00050 T	\$ -	\$ -	\$ -	
	Block 2 Energy	\$ 1,975	0.00050 T	\$ -	\$ -	\$ -	
	Block 3 Energy	\$ 1,975	0.00000 T	\$ -	\$ -	\$ -	
	Reactive Dens	\$ 1.975	0.015 D	\$ -	\$ -	\$ 51.00	
	EE RAC Block 1	\$ 1,975	0.00237 D	\$ 14.22	\$ 28.65	\$ 177.75	
	EE RAC Block 2	\$ 1,975	0.00237 D	\$ 9.48	\$ 44.44	\$ 256.25	
	EE RAC Block 3	\$ 1,975	0.00237 D	\$ -	\$ -	\$ 45.03	
	TER D	\$ 1.975	0 D	\$ -	\$ -	\$ -	
	TER D	\$ 1.975	0.00132 D	\$ 12.23	\$ 33.62	\$ 269.08	
	EE RAC Block 1	\$ 1,975	0.00052 D	\$ 3.09	\$ 10.31	\$ 64.75	
	EE RAC Block 2	\$ 1,975	0.00052 D	\$ 1.91	\$ 1.91	\$ 1.63	
	EE RAC Block 3	\$ 1,975	0.00000 D	\$ -	\$ -	\$ -	
	Sum O	\$ 1,975	0.01595 T	\$ 2,376.85	\$ 18,819.09		
	Sum T	\$ 1,975	0.01622 T	\$ 737.68	\$ 4,714.72		
	Sum D	\$ 1,975	0.01521 D	\$ 322.83	\$ 6,334.52		
	Total	\$ 1,975	0.01597 T	\$ 4,026.79	\$ 27,518.29		

APPALACHIAN POWER COMPANY - VIRGINIA  
TYPICAL BILL  
PUR-2025-00049

APCO Exhibit 20  
Witness SVC  
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Typical Net Monthly Bills  
Current Rates as of April 1, 2015 with Proposed RPS  
APCo - Virginia

		LARGE POWER SERVICE (LPS) - SEC			
		Ex. EVAR	12B	12B	12B
		LW	1,069	2,469	3,866
	Schedule	17%	458,000	1,069,000	2,050,000
	Charge				
<b>Bill Calculations</b>					
Generation					
Dem-On Peak	\$ LWS	13.84 G	\$ 10,550.00	\$ 21,123.00	\$ 31,663.00
Excess On Peak	\$ LWS	1.64 G	\$ -	\$ -	\$ -
Excess Off Peak	\$ LWS	0.0459 G	\$ 23,855.00	\$ 45,900.00	\$ 91,800.00
DR RAC On Peak	\$ LWS	0.0000 G	\$ -	\$ -	\$ -
DR RAC Off Peak	\$ LWS	0.0000 G	\$ -	\$ -	\$ -
DR RAC Energy	\$ LWS	0.0050 G	\$ -	\$ -	\$ -
G RAC On Peak	\$ LWS	0.83 G	\$ 890.00	\$ 1,680.00	\$ 2,460.00
G RAC Off Peak	\$ LWS	0.09 G	\$ -	\$ -	\$ -
G RAC Energy	\$ LWS	0.0000 G	\$ 99.00	\$ 223.00	\$ 445.00
DR PFC	\$ LWS	0.0000 G	\$ -	\$ -	\$ -
RFS AS DE	\$ LWS	0.0036 G	\$ 182.00	\$ 363.00	\$ 729.00
RFS AS F	\$ LWS	0.00267 G	\$ 1,221.53	\$ 2,453.00	\$ 5,349.00
PCAP Cst Pfc	\$ LWS	0.12 G	\$ 129.00	\$ 258.00	\$ 365.00
PCAP Cst Pfc	\$ LWS	0.01 G	\$ -	\$ -	\$ -
RFS AS On Peak	\$ LWS	0.47 G	\$ 470.00	\$ 940.00	\$ 1,419.00
RFS AS Off Peak	\$ LWS	0.65 G	\$ -	\$ -	\$ -
TRG G		0 G	\$ -	\$ -	\$ -
PRF G		0 G	\$ -	\$ -	\$ -
E RAC On Peak	\$ LWS	0.57 G	\$ 570.00	\$ 1,140.00	\$ 1,710.00
E RAC Off Peak	\$ LWS	0.06 G	\$ -	\$ -	\$ -
E RAC Energy	\$ LWS	0.00041 G	\$ 364.53	\$ 729.00	\$ 1,629.00
Total Charge	\$ LWS	0.04137 G	\$ 11,635.53	\$ 41,399.07	\$ 62,269.00
<b>Transmission</b>					
Dem-On Peak	\$ LWS	0 T	\$ -	\$ -	\$ -
Excess Off Peak	\$ LWS	0 T	\$ -	\$ -	\$ -
DRS	\$ LWS	0 T	\$ -	\$ -	\$ -
TRAC Energy	\$ LWS	0.0004 T	\$ 18.02	\$ 40.05	\$ 80.00
TRAC On Peak	\$ LWS	12.25 T	\$ 15,259.00	\$ 33,590.00	\$ 57,729.00
TRAC Off Peak	\$ LWS	1.56 T	\$ -	\$ -	\$ -
<b>Distribution</b>					
Cust Class	\$ LWS	224.94 D	\$ 224.95	\$ 224.95	\$ 224.95
Dem-On Peak	\$ LWS	9.45 D	\$ 9,460.00	\$ 18,923.00	\$ 23,310.00
Excess Off Peak	\$ LWS	4.93 D	\$ -	\$ -	\$ -
PDP	\$ LWS	0.00132 D	\$ 514.00	\$ 1,023.00	\$ 2,043.00
Reactive Dem	EVAR	0.65 D	\$ 132.00	\$ 132.00	\$ 132.00
EE RAC	\$ LWS	0.0237 D	\$ 1,066.53	\$ 2,379.00	\$ 4,749.00
Tar Meter Credit		0 D	\$ -	\$ -	\$ -
PRD D		0 D	\$ -	\$ -	\$ -
DC RAC	\$ LWS	0.05 D	\$ 59.00	\$ 100.00	\$ 152.00
		Sum G	\$ 53,427.53	\$ 116,990.00	\$ 223,269.00
		Sum T	\$ 10,768.00	\$ 29,454.00	\$ 39,830.00
		Sum D	\$ 11,477.43	\$ 23,016.98	\$ 35,319.98
		Total	\$ 75,673.96	\$ 166,444.00	\$ 351,418.00

APPALACHIAN POWER COMPANY - VIRGINIA  
TYPICAL BILL  
PUR-2025-00049

APCo Edits No. 1  
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Typical Net Monthly Bill  
Current Rates as of April 1, 2025 with Proposed RPS  
APCo - Virginia

## LPS P11 LARGE POWER SERVICE (LPS)-P11

		Ex. KVAR	12B	12B
Rate	kW	\$3,569	\$3,569	\$3,569
Schedule	kVA	3,569.000	3,569.000	3,569.000
<b>Bill Calculations</b>				
Generation				
Dem-On Peak	\$1.00	19.31 G	\$ 35,875.00	\$ 31,152.00
Excess Off Peak	\$1.00	1.41 G	\$ -	\$ -
Energy Charge	\$1.00	0.0439 G	\$ 87,500.00	\$ 131,700.00
DR RAC On Peak	\$1.00	0.00 G	\$ -	\$ -
DR RAC Off Peak	\$1.00	0.00 G	\$ -	\$ -
DR RAC Energy	\$1.00	0.00 G	\$ -	\$ -
G-RAC On Peak	\$1.00	0.79 G	\$ 2,765.00	\$ 3,559.00
G-RAC Off Peak	\$1.00	0.09 G	\$ -	\$ -
G-RAC Energy	\$1.00	0.00 G	\$ 425.00	\$ 133.00
RFS RAC	\$1.00	0.00 G	\$ -	\$ -
RFS AS DE	\$1.00	0.00014 G	\$ 435.00	\$ 1,023.00
RFS AS F1	\$1.00	0.00355 G	\$ 5,665.00	\$ 7,591.00
PCAP On-Peak	\$1.00	0.11 G	\$ 315.00	\$ 352.00
PCAP Off-Peak	\$1.00	0.01 G	\$ -	\$ -
PCAP Energy	\$1.00	0.045 G	\$ 1,315.00	\$ 2,355.00
RFS AS On-Peak	\$1.00	0.05 G	\$ -	\$ -
RFS AS Off-Peak	\$1.00	0.00 G	\$ -	\$ -
TRG-G		0 G	\$ -	\$ -
TRF-G		0 G	\$ -	\$ -
E-RAC On Peak	\$1.00	0.52 G	\$ 1,825.00	\$ 2,159.00
E-RAC Off Peak	\$1.00	0.00 G	\$ -	\$ -
E-RAC Energy	\$1.00	0.00071 G	\$ 1,545.00	\$ 2,315.00
Fuel Charge	\$1.00	0.04139 G	\$ 12,765.00	\$ 124,173.00
Transmission				
Dem-On Peak	\$1.00	0 T	\$ -	\$ -
Excess Off Peak	\$1.00	0 T	\$ -	\$ -
AVR	\$1.00	0 T	\$ -	\$ -
T-RAC Energy	\$1.00	0.00004 T	\$ 83.00	\$ 133.00
T-RAC On Peak	\$1.00	0.91 T	\$ 34,655.00	\$ 49,351.00
T-RAC Off Peak	\$1.00	1.02 T	\$ -	\$ -
Distribution				
Cust Charge	\$1.00	276.49 D	\$ 276.49	\$ 276.49
Dem-On Peak	\$1.00	5.35 D	\$ 19,425.00	\$ 27,753.00
Excess Off Peak	\$1.00	1.14 D	\$ -	\$ -
FPP	\$1.00	0.01132 D	\$ 2,665.00	\$ 3,965.00
Reactive Dem	kVAR	0.85 D	\$ 122.00	\$ 122.00
EE-RAC	\$1.00	0.00213 D	\$ 4,550.00	\$ 6,753.00
Tax Rider Credit		0 D	\$ -	\$ -
TRF-D		0 D	\$ -	\$ -
BC-RAC	\$1.00	0.05 D	\$ 175.00	\$ 232.00
		Sum G	\$ 229,735.00	\$ 328,072.00
		Sum T	\$ 34,765.00	\$ 49,479.00
		Sum D	\$ 27,118.42	\$ 39,541.42
Total		\$ 282,618.42	\$ 406,612.42	

## LPS Sub1 LARGE POWER SERVICE (LPS)-SUB1

		Ex. KVAR	12B	12B
Rate	kW	\$14,000	\$14,000	\$14,000
Schedule	kVA	5,669.000	13,569.000	13,569.000
<b>Bill Calculations</b>				
Generation				
Dem-On Peak	\$1.00	10.69 G	\$ 150,900.00	\$ 231,850.00
Excess Off Peak	\$1.00	0.99 G	\$ -	\$ -
Energy Charge	\$1.00	0.0435 G	\$ 2,015,000.00	\$ 3,015,000.00
DR RAC On Peak	\$1.00	0.00 G	\$ -	\$ -
DR RAC Off Peak	\$1.00	0.00 G	\$ -	\$ -
DR RAC Energy	\$1.00	0.00009 G	\$ -	\$ -
G-RAC On Peak	\$1.00	0.77 G	\$ 2,720.00	\$ 3,540.00
G-RAC Off Peak	\$1.00	0.04 G	\$ -	\$ -
G-RAC Energy	\$1.00	0.00029 G	\$ 1,000.00	\$ 2,650.00
RFS RAC	\$1.00	0.00000 G	\$ -	\$ -
RFS AS DE	\$1.00	0.00034 G	\$ 1,700.00	\$ 4,423.00
RFS AS F1	\$1.00	0.00153 G	\$ 12,852.00	\$ 32,393.00
PCAP On-Peak	\$1.00	0.18 G	\$ 1,000.00	\$ 2,000.00
PCAP Off-Peak	\$1.00	0.00 G	\$ -	\$ -
PCAP Energy	\$1.00	0.045 G	\$ 4,500.00	\$ 9,000.00
RFS AS On-Peak	\$1.00	0.05 G	\$ -	\$ -
RFS AS Off-Peak	\$1.00	0.00 G	\$ -	\$ -
TRG-G		0 G	\$ -	\$ -
TRF-G		0 G	\$ -	\$ -
E-RAC On Peak	\$1.00	0.55 G	\$ 19,550.00	\$ 21,600.00
E-RAC Off Peak	\$1.00	0.00 G	\$ -	\$ -
E-RAC Energy	\$1.00	0.00077 G	\$ 1,850.00	\$ 10,613.00
Fuel Charge	\$1.00	0.04139 G	\$ 206,953.00	\$ 538,070.00
Transmission				
Dem-On Peak	\$1.00	0 T	\$ -	\$ -
Excess Off Peak	\$1.00	0 T	\$ -	\$ -
AVR	\$1.00	0 T	\$ -	\$ -
T-RAC Energy	\$1.00	0.00004 T	\$ 83.00	\$ 133.00
T-RAC On Peak	\$1.00	9.63 T	\$ 58,300.00	\$ 107,000.00
T-RAC Off Peak	\$1.00	1.02 T	\$ -	\$ -
Distribution				
Cust Charge	\$1.00	351.09 D	\$ 351.09	\$ 351.09
Dem-On Peak	\$1.00	0 D	\$ -	\$ -
Excess Off Peak	\$1.00	0 D	\$ -	\$ -
FPP	\$1.00	0.01132 D	\$ 6,650.00	\$ 17,163.00
Reactive Dem	kVAR	0.85 D	\$ 122.00	\$ 122.00
EE-RAC	\$1.00	0.00214 D	\$ 11,200.00	\$ 28,123.00
Tax Rider Credit		0 D	\$ -	\$ -
TRF-D		0 D	\$ -	\$ -
BC-RAC	\$1.00	0.05 D	\$ 120.00	\$ 1,600.00
		Sum G	\$ 2,423,752.00	\$ 6,222,150.00
		Sum T	\$ 98,700.00	\$ 197,523.00
		Sum D	\$ 18,221.02	\$ 47,837.62
Total		\$ 2,538,157.02	\$ 6,420,337.02	

APPALACHIAN POWER COMPANY - VIRGINIA  
TYPICAL BILL  
PUR-2025-00049

APCo Electric  
Wires & PGC  
Schedule 4  
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Typical Net Monthly Bill  
Current Rates as of April 1, 2025 with Proposed RPS  
APCo - Virginia

LPS Tran LARGE POWER SERVICE (LPS) /TRAN

	Ex. KVAR	ED	ED	
	Rate	Ex.	15,000	24,000
	Schedule	Ex%	15,000.00	24,000.00
<b>Bill Components</b>				
Generation				
Dom-Off-Peak	\$1.98	9.95 G	\$ 149,429.00	\$ 299,459.00
Excess Off-Peak	\$1.98	0.44 G	\$ -	\$ -
Energy Charge	\$1.98	0.33596 G	\$ 3,474,059.00	\$ 7,334,059.00
DR-RAC On-Peak	\$1.98	0.09 G	\$ -	\$ -
DR-RAC Off-Peak	\$1.98	0.00 G	\$ -	\$ -
DR-RAC Energy	\$1.98	0.00000 G	\$ -	\$ -
O-RAC On-Peak	\$1.98	0.77 G	\$ 11,357.00	\$ 21,119.00
O-RAC Off-Peak	\$1.98	0.09 G	\$ -	\$ -
O-RAC Energy	\$1.98	0.00512 G	\$ 1,713.00	\$ 3,413.00
RFS-RAC	\$1.98	0.00000 G	\$ -	\$ -
RFS-AS DR	\$1.98	0.00533 G	\$ 2,979.00	\$ 6,273.00
RFS-AS F	\$1.98	0.00241 G	\$ 22,329.00	\$ 47,123.00
FCAP On-Peak	\$1.98	9.19 G	\$ 1,559.00	\$ 3,000.00
FCAP Off-Peak	\$1.98	0.01 G	\$ -	\$ -
FCAP DR	\$1.98	0.44 G	\$ 6,639.00	\$ 13,239.00
FCAP AS Off-Peak	\$1.98	0.05 G	\$ -	\$ -
FCAP AS DR	\$1.98	0.05 G	\$ -	\$ -
YRR-O		0.0 G	\$ -	\$ -
YRR-Q		0.0 G	\$ -	\$ -
E-RAC On-Peak	\$1.98	0.54 G	\$ 8,100.00	\$ 18,200.00
E-RAC Off-Peak	\$1.98	0.06 G	\$ -	\$ -
E-RAC Energy	\$1.98	0.00076 G	\$ 6,840.00	\$ 14,445.00
Fuel Charge	\$1.98	0.04139 G	\$ 372,512.00	\$ 745,412.00
<b>Transmission</b>				
Dom-Off-Peak	\$1.98	0.00 T	\$ -	\$ -
Excess Off-Peak	\$1.98	0.00 T	\$ -	\$ -
YWH	\$1.98	0.00000 T	\$ -	\$ -
YRAC Energy	\$1.98	0.00004 T	\$ 369.00	\$ 759.00
YRAC On-Peak	\$1.98	9.77 T	\$ 145,359.00	\$ 291,609.00
YRAC Off-Peak	\$1.98	1.00 T	\$ -	\$ -
<b>Distribution</b>				
Cust Charge	\$1.98	459.95 D	\$ 459.95	\$ 459.95
Dom-Off-Peak	\$1.98	0 D	\$ -	\$ -
Excess Off-Peak	\$1.98	0 D	\$ -	\$ -
EDP	\$1.98	0.00132 D	\$ 11,433.00	\$ 23,069.00
Reserve Dem	KVAR	0.83 D	\$ 152.00	\$ 152.00
ES-RAC	\$1.98	0.01223 D	\$ 19,830.00	\$ 41,639.00
Inv-Alder Credit		0 D	\$ -	\$ -
YRR-D		0 D	\$ -	\$ -
BC-RAC	\$1.98	0.05 D	\$ 352.00	\$ 1,500.00
Sum G		1 4,057,420.00	\$ 8,566,153.00	
Sum T		1 143,563.00	\$ 251,763.00	
Sum D		1 32,541.56	\$ 43,143.56	
Total		1 4,236,331.56	\$ 8,860,057.56	

Period End NBC Date: 12/31/2012  
 Month End NBC Date: 12/31/2012  
 Period End VISA Energy Account: 0467731

## Shipping Customer Data

VA Retail NBC Revenue Requirement Cost	VA Retail NBC Revenue Requirement Benefits	Existing POAD Percentage of APCs Retail	12m & R&A Due 2012 VISA Retail
\$ 4,912.0	\$ (4,154.0%)	6.33%	\$ 13,512.11(22)
		1W	
CC	\$ 12,120.0		6.33%
OS Sc	\$ 15,424.0	22	6.33%
OS Pr	\$ 15,574.0	125	6.33%
CS Sc	\$ 2,118,542.0	8,471	6.33%
CS Pr	\$ 14,904.0	31,113	6.33%
LP Sc	\$ 20,536,882.0	57,720	6.33%
		1M	
		1W	
			67,345,528

Period End NBC Date: 12/31/2012  
 Month End NBC Date: 12/31/2012  
 Period End VISA Energy Account: 0467731

## VISA Customer Data

NBC Revenue Requirement Cost	NBC Revenue Requirement Benefits	Existing POAD Percentage of APCs Retail	12m & R&A Due 2012 VISA Retail
\$ (15,841) \$	\$ (47,145)	6.33% \$	\$ 13,512.11(22)
		1W	
CC	\$ 12,120.0		6.33%
OS Sc	\$ 15,424.0	22	6.33%
OS Pr	\$ 15,574.0	125	6.33%
CS Sc	\$ 2,118,542.0	8,471	6.33%
CS Pr	\$ 14,904.0	31,113	6.33%
LP Sc	\$ 20,536,882.0	57,720	6.33%
		1M	
		1W	
			67,345,528

 APPALACHIAN POLAR COMPANY - VISA  
 12/31/2012  
 NBC VISA CREDIT CARD

VA Retail NBC Revenue Requirement Cost	VA Retail NBC Revenue Requirement Benefits	NBC Cost Rate	NBC Credit Rate	NBC Total Rate
\$ 21,772	\$ (45,641)			
		CC	0.0000	0.0000
		OS Sc	0.0000	0.0000
		OS Pr	0.0000	0.0000
		CS Sc	0.0000	0.0000
		CS Pr	0.0000	0.0000
		LP Sc	0.0000	0.0000
		LP Pr	0.0000	0.0000

Consider adding the bridge period measurements

NBC Revenue Requirement Cost	NBC Revenue Requirement Benefits	NBC Cost Rate	NBC Credit Rate	NBC Total Rate
\$ (15,841) \$	\$ (47,145)			
		CC	0.0000	0.0000
		OS Sc	0.0000	0.0000
		OS Pr	0.0000	0.0000
		CS Sc	0.0000	0.0000
		CS Pr	0.0000	0.0000
		LP Sc	0.0000	0.0000
		LP Pr	0.0000	0.0000

## APPALACHIAN POWER COMPANY - VIRGINIA

## LCOE SUMMARY

PUR-2025-00049

APCo Exhibit No.\_\_\_\_

JNC

EXTRAORDINARILY SENSITIVE

Schedule 6

1of1

Project	Resources Type	Developer	MW	Contract Term/ Expected Life (years)	LCOE (\$/MWh)	In-Service
Livingston	Wind	EDF	255	30		2028
Collier	Solar	Holocene	7.5	30		2027
Projects in the Rate Year Revenue Requirement						
Grover Hill	Wind	Lotus Infrastructure Partners	150	35		2026
Elliot	Solar	Inovateus	5	20		2025
Mountain Brook	Solar	Energix	20	20		2025
Top Hat	Wind	APCo	204	35		2025
Sunny Rock	Solar	Energix	20	20		2025
River Trail	Solar	Energix	20	20		2025
Shifting Sands	Solar	Energix	19	20		In Service
Green Acres	Solar	Madison	5	30		In Service
Amherst	Solar	APCo	4.9	35		In Service
Leatherwood	Solar	Energix	20	15		In Service
Wytheville	Solar	Energix	20	15		In Service
Depot	Solar	Depot Solar	15	20		In Service

\*\*Beech ridge denied in 2022 for RPS recovery

PUR-2025-00049  
VCEA-A5 RPS RAC  
Revenue Requirement

**Revenue Requirement Calculation of A.5 RPS RAC**

Rate Year 12 Months Ended February 2027

APCO VA Retail

Description	Actual Cost True-Up Period	Bridge Period (Feb 2025 - Feb 2026)	VCEA Rate Year (March 2026 - Feb 2027)	Total Rate Year Revenue Requirement
Rider Surcharge Revenues (F)	\$ (45,336,707)	\$ (13,516,163)	\$ -	\$ (58,852,870)
Rider Surcharge Revenues (D&E)	\$ (3,420,507)	\$ (1,700,393)	\$ -	\$ (5,120,900)
Solar PPA Leatherwood, Wytheville, Depot, Green Acres	\$ 1,978,302	\$ 2,170,265	\$ 1,229,105	\$ 5,377,672
Owned Solar & Wind Amherst in VA- Amherst	\$ 127,955	\$ 197,791	\$ 184,925	\$ 510,671
Owned Solar & Wind outside VA -Top Hat, Grover Hill	\$	\$ 5,882,517	\$ 19,028,278	\$ 24,910,795
Wind REPAs (Bluff Point, Camp Grove, Fowler Ridge 3)	\$ 36,912,591	\$ 9,347,761	\$ 13,972,910	\$ 60,233,262
Projected Solar PPAs (Mountain Brook, River Trail, Shifting Sands, Sunny Rock, Elliot)	\$ -	\$ 1,954,164	\$ 2,485,416	\$ 4,439,580
REC Net Purchases and Sales	\$ 20,235,486	\$ -	\$ -	\$ 20,235,486
Wind, Water and Sunlight Rider Renewable Energy Premium	\$ (3,334,473)	\$ (2,286,346)	\$ (2,110,473)	\$ (7,731,292)
<b>Total</b>	<b>\$ 7,162,647</b>	<b>\$ 2,049,595</b>	<b>\$ 34,790,161</b>	<b>\$ 44,002,404</b>
<b>Total RPS RAC Revenue Requirement</b>	<b>\$ 44,002,404</b>			
A5 Subsection D&E Total	\$ 5,207,023			
A5 Subsection F Total	\$ 38,795,381			
	\$ -			

## APPALACHIAN POWER COMPANY - VIRGINIA

PUR-2025-00049

VCEA-A5 RPS RAC

Revenue Requirement

APCO Exhibit No.\_\_\_\_

Witness: JNC

Sch 46 Section 6 Stat. 1 RR

Page 2 of 16

Line No.		§56-585.5 Section D&E	§56-585.5 Section F
<b>Actual Period</b>			
1	Energy Cost True-Up Factor	\$ (1,314,250)	\$ 8,476,897
<b>Bridge Period</b>			
2	Energy Cost True-Up Factor	\$ 2,621,826	\$ (572,231)
<b>Projected Period</b>			
3	Energy Cost True-Up Factor	<u>\$ 3,899,446</u>	<u>\$ 30,890,715</u>
4	<b>Total Revenue Requirement</b>	<b>\$ 5,207,023</b>	<b>\$ 38,795,381</b>

Line No.	Allocator	(1) Amount	Virginia Jurisdictional Allocation	RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	GENERAL SERVICE	LARGE POWER SERVICE	SANCTUARY WORSHIP SERVICE	OUTDOOR LIGHTING SERVICE
				RS Sec	SGS	GS	LPS	SWS Sec	OL Sec
<b>Rate Base</b>									
1	Projected Cost Recovery Factor - §56-585.5 Section F	\$ 38,795,381	ENERF	\$ 38,795,381	\$ 17,892,655	\$ 1,734,384	\$ 7,398,413	\$ 11,485,132	\$ 84,465 \$ 200,332
2	Projected Cost Recovery Factor - §56-585.5 Section D & E	\$ 5,207,023	ENERDE	\$ 5,207,023	\$ 2,401,509	\$ 232,785	\$ 982,997	\$ 1,541,507	\$ 11,337 \$ 26,886
<b>Total RPS-RAC Cost of Service (Line 1+2)</b>				<b>\$ 44,002,404</b>	<b>\$ 20,294,164</b>	<b>\$ 1,967,169</b>	<b>\$ 8,391,410</b>	<b>\$ 13,026,639</b>	<b>\$ 95,801</b> 227,220
<b>Rate Year Section F Energy-Related Charges</b>				<b>\$ 38,795,381</b>	<b>\$ 17,892,655</b>	<b>\$ 1,734,384</b>	<b>\$ 7,398,413</b>	<b>\$ 11,485,132</b>	<b>\$ 84,465</b> \$ 200,332
<b>Rate Year Sections D&amp;E Energy-Related Charges</b>				<b>\$ 5,207,023</b>	<b>\$ 2,401,509</b>	<b>\$ 232,785</b>	<b>\$ 982,997</b>	<b>\$ 1,541,507</b>	<b>\$ 11,337</b> \$ 26,886

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APPALACHIAN POWER COMPANY - VIRGINIA  
PUR-2025-00049  
VCEA-A5 RPS RAC  
Class Allocation

APCO Exhibit No. \_\_\_\_\_  
Witness: JNC  
Sch 46 Section 6 Stat 1 Class  
Page 4 of 16

Line No.	Allocator Name	Allocator	Amount	RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	GENERAL SERVICE	LARGE POWER SERVICE	SANCTUARY WORSHIP SERVICE	OUTDOOR LIGHTING SERVICE
				RS	SGS	GS	LPS	SWS	OL
				Sec				Sec	Sec
1	DEMAND - SIX CP		(1)	(2)	(3)	(4)	(5)	(6)	(7)
2	KWH AT GENERATOR	DEM ENER	2,808,752	1,688,945	126,597	455,267	822,826	12,719	3,198
3	ARB Customer Metered KWH		15,017,503,475	8,928,159,785	871,371,557	2,883,880,717	4,445,836,979	32,695,877	77,547,640
4	Energy Loss Factor			-	-	-	-	-	-
5=3+4	Exempt Customer KWH at Generator			-	-	-	-	-	-
6=2-5	ENERGY (excl. Exempt Customer)		15,017,503,475	8,928,159,785	871,371,557	2,883,880,717	4,445,836,979	32,695,877	77,547,640
7	KWH AT GENERATOR EXCLUDING OAD	ENERF	1.00	0.461206	0.044706	0.190703	0.296044	0.002177	0.005164
8	KWH AT GENERATOR EXCLUDING OAD - Excl ARB	ENERDE	1.00	0.461206	0.044706	0.190703	0.296044	0.002177	0.005164

Source: 2024 Biennial Schedule 40 C

(A) Line No.	(B)	(C)	(D)	(E) = (B) - (D)	(F)	(G)	(H) = (C-E)/(F) or (C-H)	(I) = [(C)(G)]	(J)	
Line No. Tariff Description	Generation Cost		TOD Revenue Requirement	Energy Revenue Less TOD Revenue	Units @ Secondary Voltage Level		Secondary Rate			
	Energy	On-Peak Demand	Off-Peak Excess Demand	Dollars	Dollars	Energy - kWh	Demand - kW	\$/kWh <sup>1</sup>	On-Peak \$/kW <sup>2</sup>	Off-Peak Excess \$/kW
1 Residential Service	\$ 2,401,526	\$ -	\$ -	\$ 995	\$ 2,400,514	6,264,606,132	0	\$ 0.00039		
2 Sanctuary Worship Service	\$ 11,337	\$ -	\$ -	\$ -	\$ 11,337	29,688,201	0	\$ 0.00039		
3 Small General Service <sup>3</sup>	\$ 232,765	\$ -	\$ -	\$ 21	\$ 222,763	608,603,529	693	\$ 0.00039		
4 Large Power Service <sup>2</sup>	\$ 1,041,507	\$ -	\$ -	\$ -	\$ 1,041,507	4,341,561,894	7,182,037	\$ 0.00038	\$ -	\$ -
5 Outdoor Lighting	\$ 26,988	\$ -	\$ -	\$ -	\$ 26,988	40,111,842	0	\$ 0.00039		
6 Total of Line(1 - 5)	\$ 4,214,629	\$ -	\$ -	\$ 1,017	\$ 4,213,612	11,313,398,948	7,883,330			
									OG Demand Cost in Block Rates	OG Energy Cost in Block Rates
7 General Service	\$ 992,997	\$ -	\$ -	\$ 16,878	\$ 974,170	2,886,854,309	7,628,649	\$ -		
8 Block 1 - Initial Rate	\$ 6	\$ -	\$ -	\$ -	\$ 6	410,019	1,110,810,400	\$ 0.00038	60%	0.00000 0.00038
9 Block 2 - Initial Rate	\$ 6	\$ -	\$ -	\$ -	\$ 6	450,020	1,210,023,601	\$ 0.00038	40%	0.00000 0.00038
10 Block 3 - Initial Rate	\$ 6	\$ -	\$ -	\$ -	\$ 6	91,467	240,701,020	\$ 0.00038	0%	0.00000 0.00038
	\$ -	\$ -	\$ -							
Line No. Tariff Description	Secondary Rates				Primary Rates					
	Going Level Factors		Under Recovery Factors <sup>4</sup>		Total Factors		Going Level Factors		Under Recovery Factors	
	On-Peak Demand Energy - \$/kW	Off-Peak Excess \$/kW	On-Peak Demand - \$/kW	Off-Peak Excess \$/kW	Energy - \$/kWh	On-Peak Demand - \$/kW	Off-Peak Demand Factor	On-Peak Demand - \$/kW	On-Peak Demand - \$/kW	Off-Peak Demand - \$/kW
11 Residential Service	\$ 0.00039		\$ -		\$ 0.00039					
12 Sanctuary Worship Service	\$ 0.00039		\$ -		\$ 0.00039					
13 Small General Service <sup>3</sup>	\$ 0.00039		\$ -		\$ 0.00039					
14 Large Power Service <sup>2</sup>	\$ 0.00038	\$ -	\$ -	\$ -	\$ 0.00038	\$ -	\$ -	\$ 0.00034	\$ 0.00000	\$ 0.00034 \$ - \$ -
15 Outdoor Lighting	\$ 0.00039		\$ -		\$ 0.00039					
16 General Service - Block 1	\$ 0.00036	\$ -	\$ -	\$ -	\$ 0.00036	\$ -	\$ -	0.9494   0.9602	\$ 0.00036	\$ 0.00 \$ 0.00 \$ 0.00 \$ 0.00
17 General Service - Block 2	\$ 0.00036	\$ -	\$ -	\$ -	\$ 0.00036	\$ -	\$ -	0.9494   0.9602	\$ 0.00036	\$ 0.00 \$ 0.0000 \$ 0.00 \$ 0.00
18 General Service - Block 3	\$ 0.00036	\$ -	\$ -	\$ -	\$ 0.00036	\$ -	\$ -	0.9494   0.9602	\$ 0.00036	\$ 0.00 \$ 0.0000 \$ 0.00 \$ 0.00

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(A)	(B)	(C)	(D)	(E) = (B) - (D)	(F)	(G)	(H) = (C+EF) or (I) =  IC /G	(J)								
Line No.	Tariff Description	Generation Cost	TOD Revenue Requirement	Energy Revenue Less TOD Revenue	Units (# Secondary Voltage Level)			Secondary Rate								
Subtransmission rates																
Transmission																
Line No.	Tariff Description	On-Peak Demand Loss Factor	Demand Loss Factor	Energy- \$/kW/h	On-Peak Demand- \$/kW	Off-Peak Demand- \$/kW	On-Peak Demand Loss Factor	Off-Peak Demand Loss Factor	On-Peak Demand- \$/kW	Off-Peak Demand- \$/kW	On-Peak Demand Loss Factor	Off-Peak Demand Loss Factor	On-Peak Demand- \$/kW	Off-Peak Demand- \$/kW	Energy- \$/kW/h	
19	Large Power Service/ Outdoor Lighting	0.9459	0.9614	\$0.00034	\$0.00	\$0.00	0.9295	0.9463	\$0.00033	\$0.00	\$0.00	\$0.00033	\$0.00	\$0.00	\$0.00033	\$ - \$ -
21	General Service - Block 1	0.9459	0.9614	\$0.00036	\$0.00	\$0.00	0.9295	0.9463	\$0.00035	\$0.00	\$0.00	\$0.00035	\$0.00	\$0.00	\$0.00035	\$ - \$ -
22	General Service - Block 2	0.9459	0.9614	\$0.00036			0.9295	0.9463	\$0.00035	\$0.00	\$0.00	\$0.00035	\$0.00	\$0.00	\$0.00035	\$ - \$ -
23	General Service - Block 3	0.9459	0.9614	\$0.00036			0.9295	0.9463	\$0.00035	\$0.00	\$0.00	\$0.00035	\$0.00	\$0.00	\$0.00035	\$ - \$ -

OFF PEAK EXCESS DEMAND REVENUE REQUIREMENTS

(A)	(B)	(C)	(D) = (B) / (C)	(E) = (D) * 0.1	(F)	(G) = (E) * (F)	(H) = (B) - (G)	(I)	(J) = (H) * (I)	(K) = (A) + (H) - (J)	
Coal Based Off- Peak Demand- Related Costs											
Tariff Description	Energy- Related Cost	Demand - Related Cost	Demand Units (# Secondary Voltage Units)	Unit Demand Cost	Off- Peak Excess Charge (10%)	Off- Peak Excess Unity	Proposed Off-Peak Excess Reward	Demand Cost Less Off-Peak Excess Revenue	% of Demand Cost in Demand Rate	Adjusted Demand Cost	Adjusted Energy Cost
General Service	\$ -	\$ -	7,688,040	\$ -	\$ -	13.291	\$ -	\$ -	20.00%	\$ -	\$ -
Large Power Service	\$ -	\$ -	7,642,032	\$ -	\$ -	113.802	\$ -	\$ -	100.00%	\$ -	\$ -
			15,771,280			127,093	\$ -	\$ -		\$ -	\$ -

\* Company does not distinguish between secondary and primary for Q3Q class. Used billed level energy. SGD are not loss adjusted due each customer being billed at the secondary rate.

Adjustments to Class Allocations of Demand and Energy Related Costs. Includes Q3 Block 1. Energy excludes Q3 Block 2.

For MGD: (H) = (C1 / F)

LPS: (H) = (C1) / (G)

Underlined rates indicate revised for revenue verification

Under Recovery Ratio Calculation:

Over/Under Recovery Revenue Requirement	\$ -
Using Level Revenue Requirement	\$ 38,790,381
Total Revenue Requirement	\$ 38,790,381
Under Recovery Ratio	0.00%

Proposal															
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, 12, 13, 14	RS-LMWH	3,266,624	N/A	N/A	\$0.00039			\$1,282	\$2,444,192	\$2,401,509	\$0	\$2,401,509	\$42,683	
2	15	RS	6,241,213,244	N/A	N/A	\$0.00039			\$2,434,073						
3	20	RS-EUP	20,060,450	N/A	N/A	\$0.00039			\$7,831						
4	30	RS-TOD - On peak	995,233	N/A	N/A	\$0.00039			\$366						
5		- Off peak	1,828,346	N/A	N/A	\$0.00036			\$110						
6	51, 54	RS-LMWH	25,505	N/A	N/A	\$0.00039			\$10						
7															
8	93, 911	8500 L, 175 W	13,672,352	N/A	N/A	\$0.00039			\$5,332	\$26,945	\$26,888	\$0	\$26,888	\$57	
9	94, 912	9500 L, 100 W	12,079,601	N/A	N/A	\$0.00039			\$4,711						
10	95, 913	23000 L, 400 W	2,909,999	N/A	N/A	\$0.00039			\$1,131						
11	995	13000 L, 250 W	6,567	N/A	N/A	\$0.00039			\$3						
12	997	22000 L, 200 W	4,143,612	N/A	N/A	\$0.00039			\$1,616						
13	98, 913	50000 L, 400 W	8,223,738	N/A	N/A	\$0.00039			\$3,207						
14	99	8500 L, 175 W	1,216,326	N/A	N/A	\$0.00039			\$474						
15	102	36000 Lumen, 400 W Flood	9,485,249	N/A	N/A	\$0.00039			\$3,699						
16	103	28500 L, 250 W SB	1,228,108	N/A	N/A	\$0.00039			\$479						
17	104	50000 Lumen, 400 W	567,563	N/A	N/A	\$0.00039			\$221						
18	105	36000 Lumen, 400 W	1,506,683	N/A	N/A	\$0.00039			\$558						
19	106	6300 L, 70 W	30,577	N/A	N/A	\$0.00039			\$12						
20	109	60000 L, 400 W Flood	3,087,244	N/A	N/A	\$0.00039			\$1,192						
21	111	9500 L, 100 W	1,256,280	N/A	N/A	\$0.00039			\$490						
22	113	28500 PTSV, 250 W	473,126	N/A	N/A	\$0.00039			\$165						
23	117	5600 MONG	4,830	N/A	N/A	\$0.00039			\$2						
24	118	22000 MON	27,852	N/A	N/A	\$0.00039			\$11						
25	119	50000 MON	72,000	N/A	N/A	\$0.00039			\$28						
26	124	50000 Lumen, 400 W Flood	484,419	N/A	N/A	\$0.00039			\$189						
27	126	36000 Lumen, 400 W Flood	753,021	N/A	N/A	\$0.00039			\$294						
28	127	28500 L, 250 W Flood	493,774	N/A	N/A	\$0.00039			\$157						
29	131	110000 Lumen, 1000 W Flood	2,228,199	N/A	N/A	\$0.00039			\$869						
30	132	110000 Lumen, 1000 W Flood	149,772	N/A	N/A	\$0.00039			\$58						
31	134	13000 Lumen, 175 W Flood	28,938	N/A	N/A	\$0.00039			\$11						
32	135	13000 Lumen, 175 W Flood	5,974	N/A	N/A	\$0.00039			\$2						
33	136	13000 Lumen, 150 W Flood	508,434	N/A	N/A	\$0.00039			\$198						
34	137	13000 Lumen, 150 W Flood	218,138	N/A	N/A	\$0.00039			\$85						
35	141	6500 MON	3,388	N/A	N/A	\$0.00039			\$1						
36	142	22000 MON	23,276	N/A	N/A	\$0.00039			\$9						
37	143	50000 MON	4,000	N/A	N/A	\$0.00039			\$2						
38	150	55W LEDOH	818,910	N/A	N/A	\$0.00039			\$319						
39	151	55W LEDUG	20,351	N/A	N/A	\$0.00039			\$8						
40	152	100WLEDOH	506,537	N/A	N/A	\$0.00039			\$198						
41	153	50000 Lumen, 400 W Flood	145,506	N/A	N/A	\$0.00039			\$57						
42	154	36000 Lumen, 400 W Flood	77,107	N/A	N/A	\$0.00039			\$301						
43	155	28500 L, 250 W Flood	370,398	N/A	N/A	\$0.00039			\$144						
44	156	110000 Lumen, 1000 W Flood	119,972	N/A	N/A	\$0.00039			\$47						
45	157	110000 Lumen, 1000 W Flood	36,935	N/A	N/A	\$0.00039			\$14						
46	158	13000 Lumen, 175 W Flood	90,739	N/A	N/A	\$0.00039			\$35						
47	159	13000 Lumen, 175 W Flood	837,099	N/A	N/A	\$0.00039			\$315						
48	160	13001 Lumen, 150W Flood	74,122	N/A	N/A	\$0.00039			\$29						
49	161	13002 Lumen, 150 W Flood	531,794	N/A	N/A	\$0.00039			\$207						
50	162	22000 MON	39,739	N/A	N/A	\$0.00039			\$12						
51															
52	213	SGS UMTRO	733,678	N/A	N/A	\$0.00039			\$266	\$237,260	\$232,785	\$0	\$232,785	\$4,476	
53	225	SGS-LMTOD On peak	22,406	N/A	N/A	\$0.00082			\$18						
54		Off peak	44,150	N/A	N/A	\$0.0007			\$3						
55	231, 233, 281	SGS SEC	604,583,783	N/A	N/A	\$0.00039			\$235,710						
56	234	SGS PRI	3,187,338	N/A	N/A	\$0.00039			\$1,243						
57															
58															
59															
60	227	GS-TOD Pri - On peak	0	N/A	N/A	\$0.00077			\$0	\$995,228	\$992,597	\$0	\$992,597	\$2,231	
61		- Off peak	0	N/A	N/A	\$0.0007			\$0						
62	229	GS-TOD SEC - On peak	11,795,545	N/A	N/A	\$0.00077			\$9,083						
63		- Off peak	17,822,971	N/A	N/A	\$0.0007			\$1,248						
64	337	LGS-TOD SEC - On peak	9,725,171	N/A	N/A	\$0.00077			\$7,488						
65		- Off peak	14,414,260	N/A	N/A	\$0.0007			\$1,009						
66	339	LGS-TOD PRI - On peak	0	N/A	N/A	\$0.00073			\$0						
67		- Off peak	0	N/A	N/A	\$0.0007			\$0						
68															
69															
70															
71	261	GS SEC, Block 1	1,016,301,915	7,116,421	11,269	\$0.00038	\$0.00	\$0.00	\$366,195						
72		Block 2	1,068,777,837			\$0.00038			\$43,736						
		Block 3	204,383,254			\$0.00038			\$7,666						
73	263	GS PRI, Block 1	103,251,246	718,830	1,818	\$0.00036	\$0.00	\$0.00	\$37,170						
74		Block 2	120,905,462			\$0.00036			\$43,526						
		Block 3	35,405,487			\$0.00036			\$12,746						
75	265	GS SUB, Block 1	4,553,304	31,313	276	\$0.00036	\$0.00	\$0.00	\$1,639						
76		Block 2	8,564,811			\$0.00036			\$2,363						
		Block 3	2,859,973			\$0.00036			\$1,030						
77	267	GS TRAH, Block 1	673,760	7,203	0	\$0.00035	\$0.00	\$0.00	\$236						
78		Block 2	269,240			\$0.00035			\$94						
79		Block 3	0			\$0.00035			\$0						
80	222	SWS	29,588,351	N/A	N/A	\$0.00039			\$11,539	\$11,539	\$11,337	\$0	\$11,337	\$202	
81															
82	302	LPSSEC	1	177,040,824	372,715	1,250	\$0.00036	\$0.00	\$0.00	\$63,735	\$1,546,245	\$1,541,507	\$0	\$1,541,507	\$4,738
83	306	LPS PRI	1	1,942,044,346	3,666,017	33,572	\$0.00034	\$0.00	\$0.00	\$560,295					
84	308,309	LPS'ATOD SUB	1	1,960,636,099	3,227,728	72,134	\$0.00034	\$0.00	\$0.00	\$566,616					
85	310	LPS TRANS	1	471,510,917	854,873	11,376	\$0.00033	\$0.00	\$0.00	\$155,599					
86															
87		Total of Line (1 - 86)	16,163,412,811	15,995,161	131,695				\$5,261,408	\$5,261,408	\$5,207,823	\$0	\$5,207,823	\$54,386	

1Adjusted to exclude F-OAD Energy billing determinants

Total Target Revenue = \$5,207,023  
 Over / (Under) = \$4,386

250530212

APPALACHIAN POWER COMPANY - VIRGINIA  
PUR-2025-00049  
VCEA-A5 RPS RAC  
Rate Design F

APCO Exhibit No. \_\_\_\_  
Witness: JNC  
Sch 46 Section 6 Stat. 1 RD F  
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(A)	(B)	(C)	(D)	(E) = (B) - (D)	(F)	(G)	(H) = (C)*(F) or (I) = [(C)/(G)]	(I)			
Line No.	Tariff Description	Generation Cost		TOD Revenue Requirement	Energy Revenue Less TCC Revenue	Units @ Secondary Voltage Level	Secondary Rate				
		Energy	On-Peak Demand	Off-Peak Excess Demand	Dollars	Dollars	Energy - kWh	Demand - kW	On-Peak \$/kWh	Off-Peak \$/kWh	
1 Residential Service	\$ 17,897,855	\$ -	\$ -	\$ 7,428	\$ 17,885,227	6,264,605,132	0 \$	0.00265			
2 Sanctuary Worship Service	\$ 84,465	\$ -	\$ -	\$ -	\$ 84,465	29,589,351	0 \$	0.00265			
3 Small General Service <sup>1</sup>	\$ 4,734,384	\$ -	\$ -	\$ -	\$ 1,734,226	608,500,539	923 \$	0.00265			
4 Large Power Service <sup>2</sup>	\$ 14,486,132	\$ -	\$ -	\$ -	\$ 11,486,132	4,341,591,094	7,687,037 \$	0.00265	\$ -	\$ -	
5 Outdoor Lighting	\$ 200,332	\$ -	\$ -	\$ -	\$ -	200,332	89,111,842	0 \$	0.00200		
6 Total of Line(1-5)	\$ 31,295,948	\$ -	\$ -	\$ 7,566	\$ 31,289,382	11,313,395,548	7,883,332				
7 General Service	\$ 7,209,413	\$ -	\$ -	\$ 139,002	\$ 7,209,411	7,686,654,000	7,888,649	\$ -			
8 Block 1 - Initial Rate	\$ -	\$ -	\$ -	\$ -	\$ 3,166,314	1,119,260,499	\$ 0.00262	60%	\$ 0.00262	\$ 0.00262	
9 Block 2 - Initial Rate	\$ -	\$ -	\$ -	\$ -	\$ 3,412,267	1,210,373,891	\$ 0.00262	42%	\$ 0.00262	\$ 0.00262	
10 Block 3 - Initial Rate	\$ -	\$ -	\$ -	\$ -	\$ 675,770	240,701,926	\$ 0.00262	0%	\$ 0.00262	\$ 0.00262	
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Line No.	Tariff Description	Secondary Rates					Primary Rates				
		Going Level Factors		Under Recovery Factors <sup>3</sup>		Total Factors	Going Level Factors		Under Recovery Factors		Total Factors
		On-Peak Demand	Off-Peak Demand	On-Peak \$/kWh	Off-Peak \$/kWh	Energy - \$/kWh	On-Peak Demand - \$/kWh	Off-Peak Excess \$/kWh	On-Peak Demand - \$/kWh	Off-Peak \$/kWh	Energy - \$/kWh
11 Residential Service	\$ 0.00265	\$ -	\$ -	\$ 0.00265	\$ 0.00265	\$ 0.00265					
12 Sanctuary Worship Service	\$ 0.00265	\$ -	\$ -	\$ 0.00265	\$ 0.00265	\$ 0.00265					
13 Small General Service <sup>1</sup>	\$ 0.00265	\$ -	\$ -	\$ 0.00265	\$ 0.00265	\$ 0.00265					
14 Large Power Service <sup>2</sup>	\$ 0.00267	\$ -	\$ -	\$ 0.00267	\$ -	\$ 0.00267	0.0494	0.9562	\$ 0.00263	\$ 0.00263	\$ 0.00263
15 Outdoor Lighting	\$ 0.00290	\$ -	\$ -	\$ 0.00290	\$ -	\$ 0.00290					
16 General Service - Block 1	\$ 0.00262	\$ -	\$ -	\$ 0.00262	\$ -	\$ 0.00262	0.0494	0.9562	\$ 0.00268	\$ 0.00268	\$ 0.00268
17 General Service - Block 2	\$ 0.00262	\$ -	\$ -	\$ 0.00262	\$ -	\$ 0.00262	0.0494	0.9562	\$ 0.00268	\$ 0.00268	\$ 0.00268
18 General Service - Block 3	\$ 0.00262	\$ -	\$ -	\$ 0.00262	\$ -	\$ 0.00262	0.0494	0.9562	\$ 0.00264	\$ 0.00264	\$ 0.00264
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -					
Q3 Demand Cost in Block Rates							Q3 Energy Cost in Block Rates				
								Percent of Cost			
								\$ -	\$ 7,259,411		
								9.99999	0.00262		

(A)	(B)	(C)	(D)	(E) = (B) - (D)	(F)	(G)	(H) = (C-E)/(F) or (I)/G) or (J)	(I)
Line No.	Tariff Description	Generation Cost	TOD Revenue Requirement	Energy Revenue Less TOD Revenue	Units @ Secondary Voltage Level		Secondary Rate	
<b>Interconnection Rates</b>								
<b>Going Level Factors</b>								
Line No.	Tariff Description	Demand Loss Factor	Energy - \$/kWh	On-Peak Demand - \$kW	Off-Peak Demand - \$kW	Under Recovery Factors	Total Factors	Interconnection Rates
						On-Peak Demand - \$kW	On-Peak Excess \$kW	On-Peak Demand - \$kW
18 Large Power Service <sup>1</sup>		0.9459	0.9614	\$0.00253	\$0.00	\$0.00	\$0.00000	\$0.00248
20 Outdoor Lighting								
21 General Service - Block 1		0.9459	0.9614	\$0.00267	\$0.00	\$0.00	\$0.00000	\$0.00248
22 General Service - Block 2		0.9459	0.9614	\$0.00267	\$0.00	\$0.00	\$0.00000	\$0.00248
23 General Service - Block 3		0.9459	0.9614	\$0.00267	\$0.00	\$0.00	\$0.00000	\$0.00248

**OFF PEAK EXCESS DEMAND REVENUE REQUIREMENTS**

(A)	(B)	(C)	(D) = (B) / (C)	(E) = (D) * 0.5	(F)	(G) = (E) * (F)	(H) = (B) - (G)	(I)	(J) = (H) * (B)	(K) = (A) + (H) - (J)	
Tariff Description	Demand - Related Cost	Demand Units @ Secondary Voltage Level	Demand Cost	Unit Demand Cost	Cost Based Off- Peak Excess Charge (10%)	Off - Peak Excess Units	Proposed Off-Peak Excess Revenue	Demand Cost Less Off-Peak Excess Revenue	% of Demand Cost In Demand Rate	Adjusted Demand Cost	Adjusted Energy Cost
General Service	\$ - \$ -	7,888,049	\$ - \$ -	-	13.291	\$ - \$ -	25.00%	\$ - \$ -	-	\$ -	\$ -
Large Power Service	\$ - \$ -	7,882,037	\$ - \$ -	-	11.802	\$ - \$ -	100.00%	\$ - \$ -	-	\$ -	\$ -

<sup>1</sup> Company does not distinguish between secondary and primary for GGS draw. Used billed level energy. GGS are not loss adjusted due each customer being billed at the secondary rate.

<sup>2</sup> Adjustments to Draw Allocations of Demand and Energy Related Costs. Includes GS Block 1. Energy excludes GS Block 2.

<sup>3</sup> For MDS, (M = (C1)(C))

LPS (D = (C4)(C1))

<sup>4</sup> Underlined rates indicate revised for revenue verification

**Under Recovery Rate Calculation:**

Over/Under Recovery Revenue Requirement	\$ 3	-
Going Level Revenue Requirement	\$ 38,795,361	
Total Revenue Requirement	\$ 38,795,361	
Under Recovery Ratio		
		0.00%

## Proposed

Line No.	Tariff Code	Tariff Description	KWH	KW	Off-Peak Excess	Energy Rate	Demand Rate	On-Peak Excess	Total Revenue	Class Total	Cost Study	Under Recovery	Total Target Revenue	Over / (Under)
1	11, 12, 13, 14	RS-LM-WH	3,266,924	N/A	N/A	\$0.00285			\$9,368	\$17,861,565	\$17,892,655	\$0	\$17,892,655	-\$31,099
2	15	RS	6,241,213,244	N/A	N/A	\$0.00285			\$17,787,455					
3	20	RS-EWP	20,080,450	N/A	N/A	\$0.00285			\$57,229					
4	30	RS-TOD - On peak	995,233	N/A	N/A	\$0.00660			\$6,559					
5		- Off peak	1,828,346	N/A	N/A	\$0.00047			\$559					
6	51, 54	RS-LM-WH	25,505	N/A	N/A	\$0.00285			\$73					
T														
8	93, 911	8500 L, 175 W	19,672,352	N/A	N/A	\$0.00290			\$39,650	\$200,358	\$200,332	\$0	\$200,332	\$26
9	94, 912	8500 L, 100 W	12,079,501	N/A	N/A	\$0.00290			\$35,031					
10	55, 913	23000 L, 400 W	2,500,999	N/A	N/A	\$0.00290			\$8,413					
11	095	13000 L, 250 W	6,567	N/A	N/A	\$0.00290			\$19					
12	097	22000 L, 200 W	4,143,612	N/A	N/A	\$0.00290			\$12,016					
13	98, 913	50000 L, 400 W	8,223,738	N/A	N/A	\$0.00290			\$23,849					
14	99	8500 L, 175 W	1,216,326	N/A	N/A	\$0.00290			\$3,527					
15	102	36000 Lumen, 400 W Flood	9,485,249	N/A	N/A	\$0.00290			\$27,507					
16	103	28500 L, 250 W SB	1,228,108	N/A	N/A	\$0.00290			\$3,562					
17	104	50000 Lumen, 400 W	597,563	N/A	N/A	\$0.00290			\$1,646					
18	105	36000 Lumen, 400 W	1,506,683	N/A	N/A	\$0.00290			\$4,370					
19	106	6300 L, 70 W	30,577	N/A	N/A	\$0.00290			\$89					
20	109	85000 L, 400 W Flood	3,057,444	N/A	N/A	\$0.00290			\$9,866					
21	111	9500 L, 103 W	1,256,283	N/A	N/A	\$0.00290			\$3,643					
22	113	28500 PTSV, 250 W	473,126	N/A	N/A	\$0.00290			\$1,372					
23	117	8500 MONG	4,830	N/A	N/A	\$0.00290			\$14					
24	118	22000 MON	27,882	N/A	N/A	\$0.00290			\$81					
25	119	50000 MON	72,000	N/A	N/A	\$0.00290			\$209					
26	124	85000 Lumen, 400 W Flood	484,419	N/A	N/A	\$0.00290			\$1,405					
27	126	36000 Lumen, 400 W Flood	753,021	N/A	N/A	\$0.00290			\$2,184					
28	127	28500 L, 250 W Flood	403,774	N/A	N/A	\$0.00290			\$1,171					
29	131	110000 Lumen, 1000 W Flood	2,228,199	N/A	N/A	\$0.00290			\$5,462					
30	132	110000 Lumen, 1000 W Flood	149,772	N/A	N/A	\$0.00290			\$434					
31	134	13000 Lumen, 175 W Flood	28,933	N/A	N/A	\$0.00290			\$84					
32	135	13000 Lumen, 175 W Flood	5,974	N/A	N/A	\$0.00290			\$17					
33	136	13000 Lumen, 150 W Flood	508,484	N/A	N/A	\$0.00290			\$1,475					
34	137	13000 Lumen, 150 W Flood	218,136	N/A	N/A	\$0.00290			\$633					
35	141	9500 MON	3,388	N/A	N/A	\$0.00290			\$10					
36	142	22000 MON	23,276	N/A	N/A	\$0.00290			\$68					
37	143	50000 MON	4,000	N/A	N/A	\$0.00290			\$12					
38	150	55W LEDOH	618,910	N/A	N/A	\$0.00290			\$2,375					
39	151	55W LEDUG	20,351	N/A	N/A	\$0.00290			\$59					
40	152	109WLEDON	506,537	N/A	N/A	\$0.00290			\$1,469					
41	153	50000 Lumen, 400 W Flood	145,506	N/A	N/A	\$0.00290			\$422					
42	154	36000 Lumen, 400 W Flood	771,707	N/A	N/A	\$0.00290			\$2,238					
43	155	28500 L, 250 W Flood	370,358	N/A	N/A	\$0.00290			\$1,074					
44	156	110000 Lumen, 1000 W Flood	119,972	N/A	N/A	\$0.00290			\$348					
45	157	110000 Lumen, 1000 W Flood	36,935	N/A	N/A	\$0.00290			\$107					
46	158	13000 Lumen, 175 W Flood	90,739	N/A	N/A	\$0.00290			\$263					
47	159	13000 Lumen, 175 W Flood	607,099	N/A	N/A	\$0.00290			\$2,341					
48	160	13001 Lumen, 150W Flood	74,122	N/A	N/A	\$0.00290			\$215					
49	161	13002 Lumen, 150 W Flood	531,794	N/A	N/A	\$0.00290			\$1,542					
50	162	22000 MON	30,739	N/A	N/A	\$0.00290			\$89					
51														
52	213	SG5 UMTRD	733,678	N/A	N/A	\$0.00285			\$2,091	\$1,733,827	\$1,734,384	\$0	\$1,734,384	-\$557
53	225	SG5-UMTOD On peak	22,406	N/A	N/A	\$0.00628			\$136					
54		Off peak	44,150	N/A	N/A	\$0.00049			\$22					
55	231, 233, 281	SG5 SEC	604,383,768	N/A	N/A	\$0.00285			\$1,722,494					
56	234	SG5 PRI	3,187,338	N/A	N/A	\$0.00285			\$9,084					
57														
58														
60	227	GS-TOD PH - On peak	0	N/A	N/A	\$0.00571			\$0	\$7,397,107	\$7,398,413	\$0	\$7,398,413	-\$11,306
61		- Off peak	0	N/A	N/A	\$0.00050			\$0					
62	229	GS-TOD SEC - On peak	11,795,545	N/A	N/A	\$0.00571			\$67,353					
63		- Off peak	17,822,971	N/A	N/A	\$0.00050			\$8,911					
64	337	LGS-TOD SEC - On peak	9,725,171	N/A	N/A	\$0.00571			\$55,631					
65		- Off peak	14,414,250	N/A	N/A	\$0.00050			\$7,207					
66	339	LGS-TOD PAY - On peak	0	N/A	N/A	\$0.00543			\$0					
67		- Off peak	0	N/A	N/A	\$0.00047			\$0					
68														
69														
71	281	GS SEC, Block 1	1,016,351,915	7,116,421	11,269	\$0.00282	\$0.00	\$0.00	\$2,685,971					
72		Block 2	1,048,771,847			\$0.00282			\$3,070,354					
73	283	GS PRI, Block 1	103,251,245	718,830	1,818	\$0.00268	\$0.00	\$0.00	\$276,713					
74		Block 2	120,905,462			\$0.00268			\$324,027					
75	265	GS SUB, Block 1	35,405,497			\$0.00268			\$94,837					
76		Block 2	4,553,304	31,313	276	\$0.00267	\$0.00	\$0.00	\$12,157					
77	267	GS TRAN, Block 1	6,564,811			\$0.00267			\$17,528					
78		Block 2	2,859,973			\$0.00267			\$7,636					
79	269	Block 3	269,240			\$0.00262			\$705					
80	222	SWS	29,566,351	N/A	N/A	\$0.00285			\$84,321	\$84,321	\$84,465	\$0	\$84,465	-\$144
81														
82	302	LPSSEC	177,040,624	372,715	1,250	\$0.00267	\$0.00	\$0.00	\$472,699	\$11,515,828	\$11,455,132	\$0	\$11,455,132	\$30,695
83	306	LPS PRI	1,942,044,346	3,665,017	33,572	\$0.00253	\$0.00	\$0.00	\$4,913,372					
84	308, 309	LPS/ATOD SUB	1,960,636,099	3,227,728	72,134	\$0.00253	\$0.00	\$0.00	\$4,960,409					
85	310	LPS TRANS	1,471,510,917	854,873	11,376	\$0.00243	\$0.00	\$0.00	\$1,199,347					
86														
87		Total of Line (1 - 86)	14,163,412,911	13,995,101	131,693				\$35,782,895	\$35,782,895	\$35,795,381	\$0	\$35,795,381	-\$12,386

1Adjusted to exclude F-OAD Energy being determinants

Total Target Revenue  
Over / (Under) = \$35,795,381  
(\$12,386)

Line No.	Tariff Code	Tariff Description	APPALACHIAN POWER COMPANY - VIRGINIA PUR-2025-00049 VCEA-A5 RPS RAC Billing Determinants						(D) * (C) * (E)			
			Billing Determinants 2024 Biennial Filing Growth & Weather Adjusted Billing Determinants Inclusive of O&G			Loss Factor	2024 A.S. Customer Billed Energy	2024 A.S. Customer Billed Demand	Units @ Secondary Voltage Level			
			(A)	(B)	(C)		(D)	(E)	(F)	(G)	(H)	
			Energy	Demand	Excess Off-Peak	Energy	Demand		Energy	Demand	Excess Off-Peak	
1	11, 12, 13, 14 RS-LWH		3,256,924	N/A	N/A	1,0000	1,0000		3,256,924	0	0	
2	15 RS		8,241,213,244	N/A	N/A	1,0000	1,0000		8,241,213,244	0	0	
3	20 RS EMP		20,080,450	N/A	N/A	1,0000	1,0000		20,080,450	0	0	
4	30 RS-TOD		2,843,673	N/A	N/A	1,0000	1,0000		2,843,673	0	0	
5	61, 54 RS-LWH		25,505	N/A	N/A	1,0000	1,0000		25,505	0	0	
6	93, 911 8500 L, 175 W		13,672,352	N/A	N/A	1,0000	1,0000	664	13,671,488	0	0	
7	94, 912 9500 L, 100 W		12,079,501	N/A	N/A	1,0000	1,0000	1,452	12,080,553	0	0	
8	95, 913 23000 L, 450 W		2,900,599	N/A	N/A	1,0000	1,0000	3,792	2,897,207	0	0	
9	99 13000 L, 250 W		6,567	N/A	N/A	1,0000	1,0000		6,567	0	0	
10	997 22000 L, 200 W		4,143,612	N/A	N/A	1,0000	1,0000	2,024	-	4,145,636	0	0
11	98, 913 5000 L, 400 W		8,223,738	N/A	N/A	1,0000	1,0000	18,000	-	8,241,738	0	0
12	99 8500 L, 175 W		1,216,326	N/A	N/A	1,0000	1,0000		1,216,326	0	0	
13	132 36000 Lumen, 400 W Flood		9,435,249	N/A	N/A	1,0000	1,0000		9,455,249	0	0	
14	103 28500 L, 250 W SB		1,228,168	N/A	N/A	1,0000	1,0000		1,228,168	0	0	
15	104 50000 Lumen, 400 W		567,563	N/A	N/A	1,0000	1,0000		567,563	0	0	
16	105 36000 Lumen, 400 W		1,508,883	N/A	N/A	1,0000	1,0000		1,508,883	0	0	
17	106 6300L, 70 W		30,577	N/A	N/A	1,0000	1,0000		30,577	0	0	
18	109 53000 L, 400 W Flood		3,657,244	N/A	N/A	1,0000	1,0000	4,000	-	3,661,244	0	0
19	111 6500 L, 100 W		1,256,280	N/A	N/A	1,0000	1,0000		1,256,280	0	0	
20	113 28500 PFSV, 250 W		473,126	N/A	N/A	1,0000	1,0000		473,126	0	0	
21	117 9503 MONG		4,630	N/A	N/A	1,0000	1,0000		4,630	0	0	
22	118 22000 MON		27,882	N/A	N/A	1,0000	1,0000		27,882	0	0	
23	119 50000 MON		72,000	N/A	N/A	1,0000	1,0000		72,000	0	0	
24	124 50000 Lumen, 400 W Flood		454,419	N/A	N/A	1,0000	1,0000		454,419	0	0	
25	126 36000 Lumen, 400 W Flood		753,021	N/A	N/A	1,0000	1,0000		753,021	0	0	
26	127 28500 L, 250 W Flood		403,774	N/A	N/A	1,0000	1,0000	1,236	-	456,010	0	0
27	131 110000 Lumen, 1000 W Flood		2,228,199	N/A	N/A	1,0000	1,0000		2,228,199	0	0	
28	132 110000 Lumen, 1000 W Flood		149,772	N/A	N/A	1,0000	1,0000		149,772	0	0	
29	134 13000 Lumen, 175 W Flood		28,938	N/A	N/A	1,0000	1,0000		28,938	0	0	
30	135 13000 Lumen, 175 W Flood		5,974	N/A	N/A	1,0000	1,0000		5,974	0	0	
31	136 13000 Lumen, 150 W Flood		558,484	N/A	N/A	1,0000	1,0000	760	-	559,244	0	0
32	137 13000 Lumen, 150 W Flood		216,136	N/A	N/A	1,0000	1,0000		216,136	0	0	
33	141 9500 MON		3,388	N/A	N/A	1,0000	1,0000		3,388	0	0	
34	142 22000 MON		23,278	N/A	N/A	1,0000	1,0000		23,278	0	0	
35	143 50000 MON		4,000	N/A	N/A	1,0000	1,0000		4,000	0	0	
36	159 55W LEDOH		819,870	N/A	N/A	1,0000	1,0000		819,910	0	0	
37	151 55W LEDUG		20,351	N/A	N/A	1,0000	1,0000		29,351	0	0	
38	151 100WLED0H		508,537	N/A	N/A	1,0000	1,0000		508,537	0	0	
39	153 100WLEDUG		145,506	N/A	N/A	1,0000	1,0000		145,506	0	0	
40	154 175W LEDOH		771,707	N/A	N/A	1,0000	1,0000		771,707	0	0	
41	155 175W LEDUG		370,358	N/A	N/A	1,0000	1,0000		370,358	0	0	
42	159 300WLED0H		119,972	N/A	N/A	1,0000	1,0000		119,972	0	0	
43	157 300WLEDUG		38,935	N/A	N/A	1,0000	1,0000		36,935	0	0	
44	159 65W LTUG		90,739	N/A	N/A	1,0000	1,0000		90,739	0	0	
45	159 175WLFLOH		827,099	N/A	N/A	1,0000	1,0000		827,099	0	0	
46	160 175WLFUG		74,122	N/A	N/A	1,0000	1,0000		74,122	0	0	
47	161 265WLFLOH		531,754	N/A	N/A	1,0000	1,0000		531,754	0	0	
48	162 265WLFUG		30,739	N/A	N/A	1,0000	1,0000		30,739	0	0	
49	213 SGS-LT/RD		733,678	N/A	N/A	1,0000	1,0000		733,678	0	0	
50	222 S/S		29,568,351	N/A	N/A	1,0000	1,0000		29,568,351	0	0	
51	225 SGS-LT/OD		66,556	N/A	N/A	1,0000	1,0000		66,556	0	0	
52	227 GS-TOD/PRI		N/A	N/A	N/A	0.9434	0.9562		0	0	0	
53	229 GS-TOD SEC		29,619,516	N/A	N/A	1,0000	1,0000		29,618,516	0	0	
54	317 LG5-TOD SEC		24,199,421	110,220	N/A	1,0000	1,0000		24,199,421	110,220	0	
55	339 LG5-TOD PRI		N/A	N/A	N/A	0.9434	0.9562		0	0	0	
56	231, 233, 231, 830, 833 SGS SEC		604,383,783	225	N/A	1,0000	1,0000	339,158	225	604,722,945	449	
57	234, 831 SGS PRI		3,187,338	126	N/A	0.9434	0.9562	18,842	126	3,043,905	244	
58	215, 251 GS SEC		2,309,453,056	7,116,421	11,269	1,0000	1,0000	2,518,042	8,671	2,311,981,056	7,1269	
59	217, 261 GS PRI		259,562,196	719,830	1,818	0.9434	0.9562	14,904,800	33,123	260,575,335	728,519	
60	236, 265 GS SUM		13,978,688	31,313	276	0.9434	0.9562	-		13,221,374	30,105	
61	239, 267 GS TRAN		543,000	7,203	N/A	0.9295	0.9695	-		876,502	6,933	
62	322 LPS-TOD/SEC		177,043,824	372,715	1,250	1,0000	1,0000			177,040,824	372,715	
63	326 LPS-PRI		1,942,644,348	3,666,017	33,572	0.9434	0.9562	29,536,600	57,709	1,871,754,233	3,597,773	
64	308, 309, 662 LPS-ATOD/SUB		1,962,636,099	3,227,728	72,134	0.9434	0.9562	-		1,854,495,659	3,103,185	
65	310 LPS-TRAN		471,510,917	854,873	11,378	0.9295	0.9463	-		430,261,028	808,954	
66	Total KWH (Line 1 - 65)		14,181,433,666	18,165,671	151,695			47,349,368	99,854	13,958,719,974	15,842,195	
											127,093	

General Service		Test Year Data		GS Units at Secondary	
GS Block 1 Stand Alone					
GS-Secondary	1,016,301,915		1,0000		1,016,301,915
GS-Primary	103,251,246		0.9434		98,025,439
GS-Subtransmission	4,553,304		0.9439		4,306,836
GS-Transmission	673,762		0.9295		626,245
Total	1,124,761,225				1,112,800,439
GS Block 2 Stand Alone					
GS-Secondary	1,058,777,627		1,0000		1,058,777,627
GS-Primary	120,905,462		0.9434		114,766,132
GS-Subtransmission	6,564,811		0.9439		6,239,420
GS-Transmission	269,242		0.9295		250,254
Total	1,216,517,400				1,210,023,691
GS Block 3 Stand Alone					
GS-Secondary	204,383,254		1,0000		204,383,254
GS-Primary	35,455,487		0.9434		33,613,526
GS-Subtransmission	2,859,973		0.9439		2,705,148
GS-Transmission	-		0.9295		0
Total	242,648,714				245,701,926
	2,533,945,339		(1) Net GS		

APPALACHIAN POWER COMPANY VIRGINIA  
PUR-2025-00049  
VCEA-A5 RPS RAC  
Time of Day Billing Determinants

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Line No.	Tariff Code	Tariff Description	(A)	(B)	(C)	(D) = (A) * (C)	(E) = (B) * (C)	
			Billing Determinants 2024 Biennial Filing Growth & Weather Adjusted Inclusive of OAD			Loss Factor <sup>1</sup>	Units @ Secondary Voltage Level	
			<u>On-Peak</u>	<u>Off-Peak</u>	<u>Demand kW</u>	<u>Energy</u>	<u>On-Peak</u>	<u>Off-Peak</u>
1	30	RS-TOD	995,233	1,828,346	N/A	1.00000	995,233	1,828,346
2	225	SGS-LMTOD	22,406	44,150	N/A	1.00000	22,406	44,150
3	227	GS-TOD PRI	0	0	N/A	0.94939	0	0
4	229	GS-TOD SEC	11,795,545	17,822,971	N/A	1.00000	11,795,545	17,822,971
5	337	LGS-TOD SEC	9,725,171	14,414,250	110,220	1.00000	9,725,171	14,414,250
6	339	LGS-TOD PRI	0	0	0	0.94939	0	0
7	<b>Total KWH (Line 1 - 6)</b>		<b>22,538,355</b>	<b>34,109,717</b>			<b>22,538,355</b>	<b>34,109,717</b>

Notes

<sup>1</sup> Loss factor per 2024 Biennial 42C

250530212

(A)	(B)	(C)	(D) = (C) * 0.1	(E) = (C) - (D)	(F)	(G) = (F) * 2	(H) = (F) - (G)	(I) = (D) / (G)	(J) = (E) / (H)	(O) = (H)*URR	(P) = (J)*URR	(Q) = (I) + (O)	(R) = (J) + (P)	(N)	(L)	(M) = (I) * (K)	(N) = (J) * (L)		
Line No.	Tariff Code	Tariff Description	All Charges (For the Entire Class)	Off-Peak Revenue Requirement (10%)	On-Peak Revenue Requirement (90%)	Units @ Secondary Voltage Level	Off-Peak Units <sup>2</sup>	On-Peak Units	Secondary Rate (\$/KWH)						TOO Tariff Off-Peak Units	TOD Tariff On-Peak Units	Off-Peak Revenue	On-Peak Revenue	
Dollars																			
1	30	RG-TOD	\$ 17,892,655	\$ 1,789,265	\$ 16,103,389	6,267,449,805	3,828,785,080	2,438,004,719	\$ 0.00047	\$ 0.00600	\$ -	\$ -	\$ 0.00047	\$ 0.00060	1,626,346	995,233	\$ 869.32	\$ 6,560	
2	225	SQS-TOD	\$ 1,734,384	\$ 173,438	\$ 1,560,945	608,587,086	351,873,489	250,003,597	\$ 0.00049	\$ 0.00608	\$ -	\$ -	\$ 0.00049	\$ 0.00068	44,150	22,406	\$ 21.63	\$ 136	
3	229	GS-TOD Sec	\$ 7,398,413	\$ 739,841	\$ 6,658,572	2,640,412,246	1,474,934,280	1,166,477,965	\$ 0.00050	\$ 0.00571	\$ -	\$ -	\$ 0.00050	\$ 0.00671	17,822,971	11,795,645	\$ 8,911.49	\$ 67,353	
4	227	GS-TOD Pri							\$ 0.00050	\$ 0.00571	\$ -	\$ -	\$ 0.00050	\$ 0.00671	0	0	\$ -	\$ -	
5	337	LGS-TOD Sec (LGS)	\$ 7,398,413	\$ 739,841	\$ 6,658,672	2,640,412,246	1,474,934,280	1,166,477,965	\$ 0.00050	\$ 0.00571	\$ -	\$ -	\$ 0.00050	\$ 0.00671	14,414,250	9,725,171	\$ 7,207.13	\$ 55,531	
6	339	LGS-TOD Pri (LGS)							\$ 0.00047	\$ 0.00540	\$ -	\$ -	\$ 0.00047	\$ 0.00640	0	0	\$ -	\$ -	
7	Total of Line(1 thru 3 + 5)			\$ 34,423,864	\$ 3,442,346	\$ 30,981,478	12,156,841,382	7,130,527,136	5,026,314,246							34,109,717	22,538,355	\$ 17,000	\$ 120,588
<b>D&amp;E Revenue Requirement</b>																			
(A)	(B)	(C)	(D) = (C) * 0.1	(E) = (C) - (D)	(F)	(G) = (F) * 2	(H) = (F) - (G)	(I) = (D) / (G)	(J) = (E) / (H)	(O) = (H)*URR	(P) = (J)*URR	(Q) = (I) + (O)	(R) = (J) + (P)	(N)	(L)	(M) = (I) * (K)	(N) = (J) * (L)		
Line No.	Tariff Code	Tariff Description	All Charges (For the Entire Class)	Off-Peak Revenue Requirement (10%)	On-Peak Revenue Requirement (90%)	Units @ Secondary Voltage Level	Off-Peak Units <sup>2</sup>	On-Peak Units	Secondary Rate (\$/KWH)						TOO Tariff Off-Peak Units	TOD Tariff On-Peak Units	Off-Peak Revenue	On-Peak Revenue	
Dollars																			
1	30	RG-TOD	\$ 2,401,509	\$ 240,151	\$ 2,161,358	6,267,449,805	3,828,785,096	2,438,004,719	\$ 0.00069	\$ 0.00609	\$ -	\$ -	\$ 0.00069	\$ 0.00609	1,626,346	995,233	\$ 109.70	\$ 895	
2	225	SQS-TOD	\$ 232,786	\$ 23,278	\$ 209,506	608,587,086	351,873,489	250,003,597	\$ 0.00087	\$ 0.00682	\$ -	\$ -	\$ 0.00087	\$ 0.00682	44,150	22,406	\$ 3.09	\$ 18	
3	229	GS-TOD Sec	\$ 902,997	\$ 99,300	\$ 893,697	2,640,412,246	1,474,934,280	1,166,477,965	\$ 0.00077	\$ 0.00607	\$ -	\$ -	\$ 0.00077	\$ 0.00607	17,822,971	11,795,645	\$ 1,247.61	\$ 9,083	
4	227	GS-TOD Pri							\$ 0.00077	\$ 0.00607	\$ -	\$ -	\$ 0.00077	\$ 0.00607	0	0	\$ -	\$ -	
5	337	LGS-TOD Sec (LGS)	\$ 902,997	\$ 99,300	\$ 893,697	2,640,412,246	1,474,934,280	1,166,477,965	\$ 0.00077	\$ 0.00607	\$ -	\$ -	\$ 0.00077	\$ 0.00607	14,414,250	9,725,171	\$ 1,009.00	\$ 7,488	
6	339	LGS-TOD Pri (LGS)							\$ 0.00073	\$ 0.00607	\$ -	\$ -	\$ 0.00073	\$ 0.00607	0	0	\$ -	\$ -	
7	Total of Line(1 thru 3 + 5)			\$ 4,420,788	\$ 462,029	\$ 4,158,259	12,156,841,382	7,130,527,136	5,026,314,246							34,109,717	22,538,355	\$ 2,368	\$ 17,475

**Notes:**

Total GS-TOD Sec and GS-TOD Pri to calculate an overall rate.

\* Company does not distinguish between secondary and primary for SQS class .

<sup>1</sup> Tariff Off-Peak Unit %  
 RG-TOD 61.09% Source: Load Research, On- and Off-Peak kWh Study (Virginia Retail Test Year 2022)  
 SCS-LMTOD 57.82%  
 GS-TOD 55.88% Also used for new LGS-TOD that was segmented from existing GS-TOD  
 LGS 55.88%

<sup>2</sup> GS - TOD Primary Rate was developed by multiplying GS-TOD Secondary by the primary energy loss factor

Primary			
Energy Loss Factor	Primary	Primary	
Rate	Going Level Factor	Under Recovery Factor	Total Factor
Off-Peak	\$ 0.00050	\$ -	\$ 0.00050
On-Peak	\$ 0.00571	\$ -	\$ 0.00571

<sup>3</sup> LGS - TOD Primary Rate was developed by multiplying LGS-TOD Secondary by the primary energy loss factors

Primary			
Energy Loss Factor	Primary	Primary	
Rate	Going Level Factor	Factor	Total Factor
Off-Peak	\$ 0.00047	\$ -	\$ 0.00047
On-Peak	\$ 0.00540	\$ -	\$ 0.00540

GS - TOD Primary Rate was developed by multiplying GS-TOD Secondary by the primary energy loss factor

Primary			
Energy Loss Factor	Primary	Primary	
Rate	Going Level Factor	Factor	Total Factor
Off-Peak	\$ 0.00069	\$ -	\$ 0.00069
On-Peak	\$ 0.00609	\$ -	\$ 0.00609

LGS - TOD Primary Rate was developed by multiplying LGS-TOD Secondary by the primary energy loss factors

Primary			
Energy Loss Factor	Primary	Primary	
Rate	Going Level Factor	Factor	Total Factor
Off-Peak	\$ 0.00077	\$ -	\$ 0.00077
On-Peak	\$ 0.00073	\$ -	\$ 0.00073

**Under Recovery Ratio Calculation:**

Under Recovery Revenue Requirement:	\$
Cong Level Revenue Requirement:	\$ 38,795,281
Total Revenue Requirement:	\$ 38,795,381
Under Recovery Ratio (URR):	0.00%

APPALACHIAN POWER COMPANY - VIRGINIA  
PUR-2025-00049  
VCEA-A5 RPS RAC  
Standard Tariff

APCO Exhibit No. \_\_\_\_\_

Witness: JNC

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Appalachian Power Company Summary of Energy Rates				
Schedule	Different	Energy	Energy	Total Energy RPS Compliance RAC A.5
	Rate	Sections D & E	Section F	per kWh
Residential (011,012,013,014,015,019,020,051,054)		\$0.00039	\$0.00285	\$0.00324
Residential – TOD or TOU (030,031,032,036)	On-Peak	\$0.00089	\$0.00660	\$0.00749
	Off-Peak	\$0.00006	\$0.00047	\$0.00053
SWS (222)		\$0.00039	\$0.00285	\$0.00324
SGS - (231,233,234,213,281)		\$0.00039	\$0.00285	\$0.00324
SGS - LMTOD (225,226)	On-Peak	\$0.00082	\$0.00608	\$0.00690
	Off-Peak	\$0.00007	\$0.00049	\$0.00056
GS-TOD Secondary (229,230)	On-Peak	\$0.00077	\$0.00571	\$0.00648
	Off-Peak	\$0.00007	\$0.00050	\$0.00057
GS-TOD Primary (227)	On-Peak	\$0.00077	\$0.00571	\$0.00648
	Off-Peak	\$0.00007	\$0.00050	\$0.00057
GS-Secondary (261)	Block 1	\$0.00038	\$0.00282	\$0.00320
	Block 2	\$0.00038	\$0.00282	\$0.00320
	Block 3	\$0.00038	\$0.00282	\$0.00320
GS-Primary (263)	Block 1	\$0.00036	\$0.00268	\$0.00304
	Block 2	\$0.00036	\$0.00268	\$0.00304
	Block 3	\$0.00036	\$0.00268	\$0.00304
GS-Subtransmission (265)	Block 1	\$0.00036	\$0.00267	\$0.00303
	Block 2	\$0.00036	\$0.00267	\$0.00303
	Block 3	\$0.00036	\$0.00267	\$0.00303
GS-Transmission (267)	Block 1	\$0.00035	\$0.00262	\$0.00297
	Block 2	\$0.00035	\$0.00262	\$0.00297
	Block 3	\$0.00035	\$0.00262	\$0.00297
LGS – TOD Secondary (337)	On-Peak	\$0.00077	\$0.00571	\$0.00648
	Off-Peak	\$0.00007	\$0.00050	\$0.00057
LGS – TOD Primary (339)	On-Peak	\$0.00073	\$0.00540	\$0.00613
	Off-Peak	\$0.00007	\$0.00047	\$0.00054
LPS - Secondary (302)		\$0.00036	\$0.00267	\$0.00303
LPS - Primary (306)		\$0.00034	\$0.00253	\$0.00287
LPS - Subtransmission (308) (309)		\$0.00034	\$0.00253	\$0.00287
LPS - Transmission (310)		\$0.00033	\$0.00248	\$0.00281
OL (093 + range)		\$0.00039	\$0.00290	\$0.00329

Appalachian Power Company Summary of Energy Rates				
Schedule	Different	Energy	Energy	Total Energy RPS Compliance RAC A.5
	Rate	Sections D & E	Section F	per kWh
Residential (820)		\$0.00039	\$0.00285	\$0.00324
SWS (890)		\$0.00039	\$0.00285	\$0.00324
SGS (830, 831, 833)		\$0.00039	\$0.00285	\$0.00324
GS – Secondary (870)	Block 1	\$0.00038	\$0.00282	\$0.00320
	Block 2	\$0.00038	\$0.00282	\$0.00320
	Block 3	\$0.00038	\$0.00282	\$0.00320
GS – Primary (871)	Block 1	\$0.00036	\$0.00268	\$0.00304
	Block 2	\$0.00036	\$0.00268	\$0.00304
	Block 3	\$0.00036	\$0.00268	\$0.00304
GS – Subtransmission (872)	Block 1	\$0.00036	\$0.00267	\$0.00303
	Block 2	\$0.00036	\$0.00267	\$0.00303
	Block 3	\$0.00036	\$0.00267	\$0.00303
GS – Transmission (873)	Block 1	\$0.00035	\$0.00262	\$0.00297
	Block 2	\$0.00035	\$0.00262	\$0.00297
	Block 3	\$0.00035	\$0.00262	\$0.00297
LPS – Secondary (860)		\$0.00036	\$0.00267	\$0.00303
LPS - Primary (861)		\$0.00034	\$0.00253	\$0.00287
LPS - Subtransmission (862)		\$0.00034	\$0.00253	\$0.00287
LPS - Transmission (863)		\$0.00033	\$0.00248	\$0.00281
OL (912 + range)		\$0.00039	\$0.00290	\$0.00329

Appalachian Power Company Summary of Energy Rates				
Schedule	Different	Energy	Energy	Total Energy RPS- Compliance RAC A.5
	Rate	Sections D & E	Section F	per kWh
SGS - (231F,233F,234F,213F,281F )		\$0.00039	\$0.00285	\$ 0.00324
GS-Secondary (261)	Block 1	\$0.00038	\$0.00282	\$ 0.00320
	Block 2	\$0.00038	\$0.00282	\$ 0.00320
	Block 3	\$0.00038	\$0.00282	\$ 0.00320
GS-Primary (263)	Block 1	\$0.00036	\$0.00268	\$ 0.00304
	Block 2	\$0.00036	\$0.00268	\$ 0.00304
	Block 3	\$0.00036	\$0.00268	\$ 0.00304
GS-Subtransmission (265)	Block 1	\$0.00036	\$0.00267	\$ 0.00303
	Block 2	\$0.00036	\$0.00267	\$ 0.00303
	Block 3	\$0.00036	\$0.00267	\$ 0.00303
GS-Transmission (267)	Block 1	\$0.00035	\$0.00262	\$ 0.00297
	Block 2	\$0.00035	\$0.00262	\$ 0.00297
	Block 3	\$0.00035	\$0.00262	\$ 0.00297
LPS - Secondary (302F)		\$0.00036	\$0.00267	\$ 0.00303
LPS - Primary (306F)		\$0.00034	\$0.00253	\$ 0.00287
LPS - Subtransmission (308F) (309F)		\$0.00034	\$0.00253	\$ 0.00287
LPS - Transmission (310F)		\$0.00033	\$0.00248	\$ 0.00281

## Calculation of A.5 PCAP RAC

Description	Actual Cost True-Up Period	Bridge Period (Feb 2025 - Feb 2026)	VCEA Rate Year (March 2026 - Feb 2027)	Total Rate Year Revenue Requirement
Rider Surcharge Revenues	\$ (6,398,840)	\$ (1,730,405)	- \$	(8,129,245)
Solar REPAs (Leatherwood, Wytheville, Depot and Green Acres)	\$ 1,302,948	\$ 787,644	\$ 428,050	\$ 2,518,642
Wind REPAs (Bluff Point, Camp Grove, and Fowler Ridge 3)	\$ 4,834,650	\$ 1,220,555	\$ 2,619,148	\$ 8,674,352
Projected Solar PPAs (Mountain Brook, River Trail, Shifting Sands, Sunny Rock, Elliot)	\$ -	\$ 625,932	\$ 773,122	\$ 1,399,054
Capacity Revenue Benefits	\$ (33,537)	- \$	- \$	(33,537)
PPA RFP Costs	\$ 467,097			\$ 467,097
<b>Total</b>	<b>\$ 172,318</b>	<b>\$ 903,725</b>	<b>\$ 3,820,321</b>	<b>\$ 4,896,363</b>

## APPALACHIAN POWER COMPANY - VIRGINIA

PUR-2025-00049

A.5 PCAP

APCO Exhibit No.\_\_\_\_

Witness: JNC

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Line No.		Revenue Requirement Total
<b>Actual Period</b>		
1	Demand Cost True-Up Factor	\$ 172,318
<b>Bridge Period</b>		
3	Demand Cost True-Up Factor	\$ 903,725
<b>Projected Period</b>		
5	Demand Cost True-Up Factor	\$ 3,820,321
6	<b>Total Revenue Requirement</b>	<b><u>\$ 4,896,363</u></b>

APPALACHIAN POWER COMPANY - VIRGINIA  
PUR-2025-00049  
A.5 PCAP  
Class Allocation

APCO Exhibit No. \_\_\_\_\_  
Witness: JNC  
Sch 46 Section 6 Stat 2 CA  
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Line No.	\$	Allocator	Amount	RESIDENTIAL SERVICE		SMALL GENERAL SERVICE		GENERAL SERVICE		LARGE POWER SERVICE		SANCTUARY WORSHIP SERVICE		OUTDOOR LIGHTING SERVICE	
				RS SEC	SGS	GS	LPS	SWS Sec	OL Sec						
<b>Rate Base</b>				(1)	(2)	(3)	(5)	(6)	(7)	(8)					
1 Projected Cost Recovery Factor	4,896,363	DEM	\$ 4,896,363	\$ 2,944,257	\$ 220,691	\$ 793,845	\$ 910,022	\$ 22,173	\$ 5,571						
2 Projected Cost Recovery Factor	-	ENER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -						
<b>Total G-RAC Cost of Service (Line 1+2)</b>	<b>4,896,363</b>		<b>\$ 4,896,363</b>	<b>\$ 2,944,257</b>	<b>\$ 220,691</b>	<b>\$ 793,845</b>	<b>\$ 910,022</b>	<b>\$ 22,173</b>	<b>\$ 5,571</b>						
<b>Rate Year Demand-Related Charges</b>	<b>4,896,363</b>		<b>\$ 4,896,363</b>	<b>\$ 2,944,257</b>	<b>\$ 220,691</b>	<b>\$ 793,845</b>	<b>\$ 910,022</b>	<b>\$ 22,173</b>	<b>\$ 5,571</b>						
<b>Rate Year Energy-Related Charges</b>	<b>-</b>		<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>						

APPALACHIAN POWER COMPANY - VIRGINIA  
PUR-2025-00049  
A.5 PCAP  
Class Allocators

APCO Exhibit No.\_\_\_\_\_  
Witness: JNC  
Sch 4B Section 6 Stat 2 Class  
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Line No.	Allocator Name	Allocator	Amount	RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	GENERAL SERVICE	LARGE POWER SERVICE	SANCTUARY WORSHIP SERVICE	OUTDOOR LIGHTING SERVICE
				RS	SGS	GS	LPS	SWS	OL
				Sec				Sec	Sec
				(1)	(2)	(3)	(5)	(6)	(7)
									(8)
1	DEMAND - SIX CP	DEM	2,808,752	1,088,945	128,587	455,207	522,026	12,718	3,198
2	KWH AT GENERATOR	ENER	15,017,503,475	6,926,159,705	671,371,557	2,863,889,717	4,445,838,979	32,695,877	77,547,640
3	FOAD Customer Metered kWh		-	-	-	-	-	-	-
4	Energy Loss Factor								
5=3*4	Exempt Customer KWH at Generator		-	-	-	-	-	-	-
6=2-5	ENERGY (excl. Exempt FOAD Customer)		15,017,503,475	6,926,159,705	671,371,557	2,863,889,717	4,445,838,979	32,695,877	77,547,640
7	DEMAND - SIX CP	DEM	1.00	0.601315	0.045072	0.162089	0.185857	0.004526	0.001139
8	KWH AT GENERATOR EXCLUDING FOAD	ENER	1.00	0.481205	0.044706	0.190703	0.296044	0.002177	0.005164

Source: 2024 Biennial Schedule 40 C

(A)	(B)	(C)	(D)	(E) = (B) - (D)	(F)	(G)	(H) = (C+E+F) or (I) = (C+G)	(J)		
Line No.	Tariff Description	Generation Cost		TOD Revenue Requirement	Energy Revenue Less TOD Revenue	Units @ Secondary Voltage Level	Secondary Rate			
		Energy	On-Peak Demand	Off-Peak Excess Demand	Dollars	Dollars	Energy - kWh	Demand - kW	\$/kWh	
1 Residential Service	\$ - \$ 2,944,257	\$ -	\$ 1,201	\$ (1,201)	\$ 6,204,000.132	0 \$ 0.00047				
2 Sanctuary Worship Service	\$ - \$ 22,173	\$ -	\$ -	\$ -	\$ 29,580.301	0 \$ 0.00070				
3 Small General Service <sup>1</sup>	\$ - \$ 220,691	\$ -	\$ 20	\$ (20)	\$ 608,500.579	003 \$ 0.00037				
4 Large Power Service <sup>2</sup>	\$ - \$ 900,884	\$ 1,138	\$ -	\$ -	\$ 4,341,581.064	7,002,837 \$ 0.12	\$ 0.12	\$ 0.01		
5 Outdoor Lighting	\$ - \$ 5,675	\$ -	\$ -	\$ -	\$ (0,111,042)	0 \$ 0.00000				
6 Total of Line(s) - 5	\$ - \$ 4,101,940	\$ 1,138	\$ 1,201	\$ (1,201)	\$ 11,313,398.849	7,002,837				
7 General Service	\$ 467,189	\$ 206,313	\$ 133	\$ 14,739	\$ 472,488	2,886,854.300	\$ 0.03	\$ 0.01	Percent of Cost	
8 Block 1 - Initial Rate	\$ -	\$ -	\$ -	\$ -	\$ 26,155	1,110,200.408	\$ 0.00023	\$ 0.00016	0%	
9 Block 2 - Initial Rate	\$ -	\$ -	\$ -	\$ -	\$ 254,189	1,210,023.091	\$ 0.00021	\$ 0.00018	40%	
10 Block 3 - Initial Rate	\$ -	\$ -	\$ -	\$ -	\$ 43,320	240,701.020	\$ 0.00018	\$ 0.00018	0%	
	\$ 236,659.46	\$ 133								
Line No.	Tariff Description	Secondary Rates					Primary Rates			
		Going Level Factors		Under Recovery Factors <sup>a</sup>		Total Factors	Going Level Factors		Under Recovery Factors	Total Factors
		On-Peak Demand - Energy - \$/kWh	Off-Peak Demand - \$/kWh	On-Peak Demand - \$/kWh	Off-Peak Demand - \$/kWh	On-Peak Demand - \$/kWh	On-Peak Demand - \$/kWh	Off-Peak Demand - \$/kWh	On-Peak Demand - \$/kWh	Off-Peak Demand - \$/kWh
11 Residential Service	\$ 0.00047	\$ -	\$ -	\$ -	\$ -	\$ 0.00047				
12 Sanctuary Worship Service	\$ 0.00075	\$ -	\$ -	\$ -	\$ -	\$ 0.00075				
13 Small General Service <sup>1</sup>	\$ 0.00037	\$ -	\$ -	\$ -	\$ -	\$ 0.00037				
14 Large Power Service <sup>2</sup>	\$ - \$ 0.12 \$ 0.01	\$ -	\$ -	\$ -	\$ -	\$ 0.12 \$ 0.01	0.9494	0.0682	\$ 0.00000	\$ 0.14 \$ 0.01
15 Outdoor Lighting	\$ 0.00009	\$ -	\$ -	\$ -	\$ -	\$ 0.00009				
16 General Service - Block 1	\$ 0.00020 \$ 0.03	\$ -	\$ -	\$ -	\$ -	\$ 0.00020 \$ 0.03	-	0.9494	0.0682	\$ 0.00022 \$ 0.03
17 General Service - Block 2	\$ 0.00021	\$ -	\$ -	\$ -	\$ -	\$ 0.00021 \$ -	-	0.9494	0.0682	\$ 0.00020 \$ -
18 General Service - Block 3	\$ 0.00016	\$ -	\$ -	\$ -	\$ -	\$ 0.00016 \$ -	-	0.9494	0.0682	\$ 0.00017 \$ -

(A)	(B)	(C)	(D)	(E) = (B) - (D)	(F)	(G)	(H) = (C+E)/F or (I) = (C*G)/F	(J)															
Line No.	Tariff Description	Generation Cost	TOD Revenue Requirement	Energy Revenue Less TOD Revenue	Units @ Secondary Voltage Level		Secondary Rate																
Interconnection rates																							
Under Recovery Factors																							
		Going Level Factors		Under Recovery Factors		Total Factors																	
		Energy Loss Factor	Demand Loss Factor	Energy - \$/kWh	On-Peak Demand - \$/kW	Off-Peak Demand - \$/kW	Off-Peak Excess Demand - \$/kW	Energy Loss Factor	Demand Loss Factor	Energy - \$/kWh	On-Peak Demand - \$/kW	Off-Peak Demand - \$/kW	Off-Peak Excess Demand - \$/kW	Energy - \$/kWh	On-Peak Demand - \$/kW	Off-Peak Demand - \$/kW	Off-Peak Excess Demand - \$/kW	Total Factors					
19 Large Power Service <sup>1</sup>	0.9450	0.9614	\$0.00000	\$0.10	\$0.01	\$0.00000	\$0.00	\$0.00	\$ -	\$0.10	\$0.01	0.9205	0.9463	\$0.00000	\$0.10	\$0.01	\$0.00000	\$0.00	\$0.00	\$ -	\$0.10	\$0.01	
20 Outdoor Lighting	0.9450	0.9614	\$0.00022	\$0.03	\$0.00	\$0.00000	\$0.00	\$0.00	\$3	0.0022	\$ -	0.9205	0.9625	\$0.00021	\$0.03	\$0.00	\$0.00000	\$0.00	\$0.00	\$3	0.0021	\$0.03	\$ -
21 General Service - Block 1	0.9450	0.9614	\$0.00020	\$0.03	\$0.00	\$0.00000	\$0.00	\$0.00	\$3	0.00020	\$ -	0.9205	0.9625	\$0.00020	\$0.03	\$0.00	\$0.00000	\$0.00	\$0.00	\$3	0.00020	\$ -	
22 General Service - Block 2	0.9450	0.9614	\$0.00017	\$0.03	\$0.00	\$0.00000	\$0.00	\$0.00	\$3	0.00017	\$ -	0.9205	0.9625	\$0.00017	\$0.03	\$0.00	\$0.00000	\$0.00	\$0.00	\$3	0.00017	\$ -	
23 General Service - Block 3	0.9450	0.9614	\$0.00017	\$0.03	\$0.00	\$0.00000	\$0.00	\$0.00	\$3	0.00017	\$ -	0.9205	0.9625	\$0.00017	\$0.03	\$0.00	\$0.00000	\$0.00	\$0.00	\$3	0.00017	\$ -	

OFF PEAK EXCESS DEMAND REVENUE REQUIREMENTS

(A)	(B)	(C)	(D) = (B)/ <sup>1</sup>	(E) = (D) * 0.1	(F)	(G) = (C) * (F)	(H) = (B) - (G)	(I)	(J) = (H) * (I)	(K) = (A) + (H) - (J)				
Tariff Description	Energy - Related Cost	Demand - Related Cost	Demand Units @ Secondary Voltage	Unit Demand Cost	Cost Based Off-Peak Excess Charge (%)	Off-Peak Excess Units	Proposed Off-Peak Excess Revenue	Demand Cost Less Off-Peak Excess Revenue	% of Demand Cost In Demand Rate	Adjusted Demand Cost	Additional Demand Cost for Block 1 & 2	Remaining Demand %		
General Service	\$ -	\$ 700,645	7,688,045	\$ 0.10	\$ 0.01	12,901	\$ 133	\$ 793,512	20.00%	\$ 208,310	\$ 467,109	\$ 100,000	\$ 792,612	Demand Cost before Reallocation
Large Power Service	\$ -	\$ 810,072	7,682,037	\$ 0.12	\$ 0.0100	113,002	\$ 1,130	\$ 926,044	100.00%	\$ 926,044	\$ -	\$ -	\$ 133	less Off-peak excess revenue
	\$ -	\$ 1,723,697	15,771,285	\$ -	\$ -	127,003	\$ 1,271	\$ 1,702,196	\$ -	\$ 1,116,196	\$ 467,109	\$ -	\$ 14,739	less TOD Revenue
													\$ 207,013	less Demand charge revenue
													\$ 672,326	Residual Demand Cost before Reallocation
Under Recovery Ratio Calculation:														
Over/Under Recovery Revenue Requirement	\$ -													
Going Level Recovery Requirement	\$ 4,896,363													
Total Recovery Requirement	\$ 4,896,363													
Under Recovery Ratio	0.00%													

<sup>1</sup> Company does not distinguish between secondary and primary for SGS class. Used billed level energy - SGS are not price adjusted due each customer being billed at the secondary rate.

<sup>2</sup> Adjustments to Class Allocations of Demand and Energy Related Costs - Includes OG Block 1. Energy excludes OG Block 2.

<sup>3</sup> For MGS: (H) = (E) / (F)

<sup>4</sup> LPS: (I) = (C) \* (E) / (G)

<sup>5</sup> Underlined rates indicate revised for revenue verification.

<sup>6</sup> Under Recovery Ratio Calculation:

Over/Under Recovery Revenue Requirement	\$ -
Going Level Recovery Requirement	\$ 4,896,363
Total Recovery Requirement	\$ 4,896,363
Under Recovery Ratio	0.00%

Line No.	Tariff Code	Tariff Description	Proposed												
			KWH	KW	Off-Peak Excess	Energy Rate	Demand Rate	Off-Peak Excess	Total Revenue	Class Total	Cost Study	Under Recovery			
1	11, 12, 13, 14	RS-LMW/H	3,266,924	N/A	N/A	\$0.00047			\$1,545	\$2,945,596	\$2,944,257	\$0	\$2,944,257	\$1,339	
2	15	RS	6,241,213,244	N/A	N/A	\$0.00047			\$2,933,370						
3	20	RS-EMP	20,660,460	N/A	N/A	\$0.00047			\$9,438						
4	30	RS-TOD - On peak	995,233	N/A	N/A	\$0.00109			\$1,085						
5		- Off peak	1,828,346	N/A	N/A	\$0.00008			\$146						
6	51, 54	RS-LMW/H	25,505	N/A	N/A	\$0.00047			\$12						
7															
8	93, 911	8500 L, 175 W	13,672,352	N/A	N/A	\$0.00009			\$1,231	\$6,218	\$5,575	\$0	\$5,575	\$643	
9	94, 912	9500 L, 100 W	12,079,501	N/A	N/A	\$0.00009			\$1,087						
10	95, 913	23000 L, 400 W	2,800,959	N/A	N/A	\$0.00009			\$261						
11	096	13000 L, 250 W	6,567	N/A	N/A	\$0.00009			\$1						
12	097	22000 L, 200 W	4,143,812	N/A	N/A	\$0.00009			\$373						
13	98, 913	50000 L, 400 W	8,223,738	N/A	N/A	\$0.00009			\$740						
14	99	8500 L, 175 W	1,216,326	N/A	N/A	\$0.00009			\$109						
15	102	36000 Lumen, 400 W Flood	9,455,249	N/A	N/A	\$0.00009			\$854						
16	103	28500 L, 250 W SB	1,228,108	N/A	N/A	\$0.00009			\$115						
17	104	50000 Lumen, 400 W	667,563	N/A	N/A	\$0.00009			\$51						
18	105	36000 Lumen, 400 W	1,506,883	N/A	N/A	\$0.00009			\$136						
19	106	6300 L, 70 W	30,577	N/A	N/A	\$0.00009			\$3						
20	109	50000 L, 400 W Flood	3,057,244	N/A	N/A	\$0.00009			\$275						
21	111	9500 L, 100 W	1,256,260	N/A	N/A	\$0.00009			\$113						
22	113	28500 PTSV, 250 W	473,128	N/A	N/A	\$0.00009			\$43						
23	117	9500 MONG	4,830	N/A	N/A	\$0.00009			\$0						
24	118	22000 MON	27,882	N/A	N/A	\$0.00009			\$3						
25	119	50000 MON	72,000	N/A	N/A	\$0.00009			\$6						
26	124	50000 Lumen, 400 W Flood	454,419	N/A	N/A	\$0.00009			\$44						
27	126	36000 Lumen, 400 W Flood	753,021	N/A	N/A	\$0.00009			\$68						
28	127	28500 L, 250 W Flood	403,774	N/A	N/A	\$0.00009			\$36						
29	131	110000 Lumen,1000 W Flood	2,228,199	N/A	N/A	\$0.00009			\$201						
30	132	110000 Lumen,1000 W Flood	149,772	N/A	N/A	\$0.00009			\$13						
31	134	13000 Lumen, 175 W Flood	28,938	N/A	N/A	\$0.00009			\$3						
32	135	13000 Lumen, 175 W Flood	6,734	N/A	N/A	\$0.00009			\$1						
33	136	13000 Lumen, 150 W Flood	507,724	N/A	N/A	\$0.00009			\$46						
34	137	13000 Lu-en, 150 W Flood	218,136	N/A	N/A	\$0.00009			\$20						
35	141	9500 MON	3,388	N/A	N/A	\$0.00009			\$0						
36	142	22000 MON	23,276	N/A	N/A	\$0.00009			\$2						
37	143	50000 MON	4,000	N/A	N/A	\$0.00009			\$0						
38	150	55W LEDOH	818,910	N/A	N/A	\$0.00009			\$74						
39	151	55W LEDUG	20,351	N/A	N/A	\$0.00009			\$2						
40	152	100WLEDH	506,537	N/A	N/A	\$0.00009			\$45						
41	153	50000 Lumen, 400 W Flood	145,506	N/A	N/A	\$0.00009			\$13						
42	154	36000 Lumen, 400 W Flood	771,707	N/A	N/A	\$0.00009			\$69						
43	155	28500 L, 250 W Flood	370,398	N/A	N/A	\$0.00009			\$33						
44	156	110000 Lumen,1000 W Flood	119,972	N/A	N/A	\$0.00009			\$11						
45	157	110000 Lumen,1000 W Flood	36,635	N/A	N/A	\$0.00009			\$3						
46	158	13000 Lumen, 175 W Flood	90,739	N/A	N/A	\$0.00009			\$8						
47	159	13000 Lumen, 175 W Flood	807,099	N/A	N/A	\$0.00009			\$73						
48	160	13001 Lumen, 150W Flood	74,122	N/A	N/A	\$0.00009			\$7						
49	161	13002 Lumen, 150 W Flood	531,794	N/A	N/A	\$0.00009			\$48						
50	162	22000 MON	30,739	N/A	N/A	\$0.00009			\$3						
51															
52	213	SOS UNTRD	733,678	N/A	N/A	\$0.00037			\$271	\$225,093	\$220,691	\$0	\$220,691	\$4,402	
53	225	SOS-LMTOD On peak	22,406	N/A	N/A	\$0.00077			\$17						
54		Off peak	44,150	N/A	N/A	\$0.00006			\$3						
55	231, 233, 281	SOS SEC	654,383,768	N/A	N/A	\$0.00037			\$223,622						
56	234	SOS PRI	3,187,333	N/A	N/A	\$0.00037			\$1,179						
57															
58															
59	227	GS-TOD Pri - On peak	0	N/A	N/A	\$0.00061			\$0	\$506,048	\$793,645	\$0	\$793,645	\$12,401	
60		- Off peak	0	N/A	N/A	\$0.00005			\$0						
61	229	GS-TOD SEC - On peak	11,795,545	N/A	N/A	\$0.00061			\$7,196						
62		- Off peak	17,822,971	N/A	N/A	\$0.00005			\$691						
63	337	LGS-TOD SEC - On peak	9,725,171	N/A	N/A	\$0.00061			\$5,932						
64		- Off peak	14,414,259	N/A	N/A	\$0.00005			\$721						
65	339	LGS-TOD PRI - On peak	0	N/A	N/A	\$0.00058			\$0						
66		- Off peak	0	N/A	N/A	\$0.00005			\$0						
67															
68															
69															
70	261	GS SEC, Block 1	1,016,301,915	7,116,421	11,269	\$0.00023	\$0.03	\$0.00	\$447,242						
71		Block 2	1,028,777,687			\$0.00021			\$228,543						
72		Block 3	204,353,254			\$0.00018			\$36,789						
73	263	GS PRI, Block 1	103,291,246	718,830	1,818	\$0.00022	\$0.03	\$0.00	\$44,280						
74		Block 2	120,905,452			\$0.00020			\$24,181						
75		Block 3	35,405,487			\$0.00017			\$6,019						
76	265	GS SUB, Block 1	4,653,304	31,313	276	\$0.00022	\$0.03	\$0.00	\$1,941						
77		Block 2	6,564,611			\$0.00020			\$1,313						
78		Block 3	2,859,973			\$0.00017			\$436						
77	267	GS TRAN, Block 1	673,760	7,203	0	\$0.00021	\$0.03	\$0.00	\$358						
78		Block 2	269,240			\$0.00020			\$54						
79		Block 3	0			\$0.00017			\$0						
80	222	SWS	29,566,351	N/A	N/A	\$0.00075			\$22,190	\$22,190	\$22,173	\$0	\$22,173	\$17	
81															
82	302	LPSSEC	1	177,049,824	372,715	1,250	\$0.00009	\$0.12	\$0.01	\$44,738	\$857,431	\$910,022	\$0	\$910,022	-\$52,591
83	306	LPS PRI	1	194,014,346	3,668,017	33,572	\$0.00000	\$0.11	\$0.01	\$403,568					
84	308, 309	LPS/TOD SUB	1	1,960,636,069	3,227,728	72,134	\$0.00000	\$0.10	\$0.01	\$323,494					
85	310	LPS TRANS	1	471,510,917	854,873	11,376	\$0.00000	\$0.10	\$0.01	\$85,601					
86															
87	Total of Line (1 - 86)		14,163,412,911	15,995,191	131,695				\$4,852,573	\$4,852,573	\$4,852,563	\$0	\$4,852,563	-\$33,790	

1Adjusted to exclude F-DAD Energy billing determinants

Total Target Revenue  
Over / (Under) = \$4,852,563  
(\$33,790)

APPALACHIAN POWER COMPANY - VIRGINIA  
 PUR-2025-00049  
 A5 PCAP  
 Billing Determinants

Line No.	Tariff Code	Tariff Description	Billing Determinants		Loss Factor	1	2024 A.S. Customer Billed Energy	2024 A.S. Customer Billed Demand	(O) =		(P) *					
			2024 Biennial Filing Growth & Weather Adjusted Billing Determinants Inclusive of OAD						(D)		(B) * + (F) E					
			Energy	Demand					Energy	Demand						
1	11, 12, 13, 14	RS-LW&H	3,266,924	N/A	N/A	1.0000	1.0000	3,266,924	0	0						
2	15	RS	6,241,213,244	N/A	N/A	1.0000	1.0000	6,241,213,244	0	0						
3	20	RS EMP	20,050,480	N/A	N/A	1.0000	1.0000	20,050,480	0	0						
4	30	RS-TOD	2,843,673	N/A	N/A	1.0500	1.0500	2,843,673	0	0						
5	51, 54	RS-LW&H	25,505	N/A	N/A	1.0000	1.0000	25,505	0	0						
6	93, 911	6500 L, 175 W	13,872,352	N/A	N/A	1.0000	1.0000	13,871,458	0	0						
7	94, 912	6500 L, 100 W	12,079,501	N/A	N/A	1.0000	1.0000	12,050,593	0	0						
8	95, 913	23000 L, 450 W	2,900,999	N/A	N/A	1.0000	1.0000	2,897,207	0	0						
9	056	15000 L, 250 W	6,567	N/A	N/A	1.0000	1.0000	6,567	0	0						
10	097	22000 L, 200 W	4,143,612	N/A	N/A	1.0000	1.0000	4,145,636	0	0						
11	98, 913	65000 L, 400 W	8,223,738	N/A	N/A	1.0000	1.0000	8,241,738	0	0						
12	99	8500 L, 175 W	1,216,326	N/A	N/A	1.0000	1.0000	1,216,326	0	0						
13	102	35000 Lumen, 450 W Flood	9,485,249	N/A	N/A	1.0000	1.0000	9,485,249	0	0						
14	103	28500 L, 250 W SB	12,28,158	N/A	N/A	1.0000	1.0000	12,28,158	0	0						
15	154	80000 Lumen, 400 W	587,563	N/A	N/A	1.0000	1.0000	587,563	0	0						
16	105	35000 Lumen, 450 W	1,506,883	N/A	N/A	1.0000	1.0000	1,506,883	0	0						
17	106	6300 L, 70 W	30,577	N/A	N/A	1.0000	1.0000	30,577	0	0						
18	109	50000 L, 400 W Flood	3,057,244	N/A	N/A	1.0000	1.0000	3,051,244	0	0						
19	111	6500 L, 100 W	1,256,280	N/A	N/A	1.0000	1.0000	1,256,280	0	0						
20	113	28500 PTSV, 250 W	473,126	N/A	N/A	1.0000	1.0000	473,126	0	0						
21	117	6500 MONG	4,833	N/A	N/A	1.0000	1.0000	4,833	0	0						
22	118	22000 MON	27,632	N/A	N/A	1.0000	1.0000	27,632	0	0						
23	119	80000 MON	72,000	N/A	N/A	1.0000	1.0000	72,000	0	0						
24	120	80000 Lumen, 450 W Flood	434,419	N/A	N/A	1.0000	1.0000	434,419	0	0						
25	125	35000 Lumen, 450 W Flood	763,021	N/A	N/A	1.0000	1.0000	753,021	0	0						
26	127	28500 L, 250 W Flood	403,774	N/A	N/A	1.0000	1.0000	405,010	0	0						
27	131	110000 Lumen, 1000 W Flood	2,229,199	N/A	N/A	1.0000	1.0000	2,228,199	0	0						
28	132	110000 Lumen, 1000 W Flood	143,772	N/A	N/A	1.0000	1.0000	143,772	0	0						
29	133	13000 Lumen, 175 W Flood	28,938	N/A	N/A	1.0000	1.0000	28,933	0	0						
30	134	13000 Lumen, 175 W Flood	6,734	N/A	N/A	1.0000	1.0000	8,734	0	0						
31	135	13000 Lumen, 150 W Flood	507,724	N/A	N/A	1.0000	1.0000	508,454	0	0						
32	137	13000 Lumen, 150 W Flood	218,136	N/A	N/A	1.0000	1.0000	218,136	0	0						
33	141	9500 MON	3,368	N/A	N/A	1.0000	1.0000	3,358	0	0						
34	142	22000 MON	23,276	N/A	N/A	1.0000	1.0000	23,276	0	0						
35	143	50000 MON	4,000	N/A	N/A	1.0000	1.0000	4,000	0	0						
36	150	55W LEDOH	818,910	N/A	N/A	1.0000	1.0000	818,910	0	0						
37	151	55W LEDUG	20,351	N/A	N/A	1.0000	1.0000	20,351	0	0						
38	152	100WLEDOH	506,537	N/A	N/A	1.0000	1.0000	508,537	0	0						
39	153	100WLEDUG	145,506	N/A	N/A	1.0000	1.0000	145,506	0	0						
40	154	175W LEDOH	771,707	N/A	N/A	1.0000	1.0000	771,707	0	0						
41	155	175WLEDUG	370,398	N/A	N/A	1.0000	1.0000	370,398	0	0						
42	156	300WLEDOH	119,972	N/A	N/A	1.0000	1.0000	119,972	0	0						
43	157	300WLEDUG	38,935	N/A	N/A	1.0000	1.0000	36,935	0	0						
44	158	65WLPTUG	90,739	N/A	N/A	1.0000	1.0000	90,739	0	0						
45	159	175WLFLOH	807,099	N/A	N/A	1.0000	1.0000	807,099	0	0						
46	163	175WLFLUG	74,122	N/A	N/A	1.0000	1.0000	74,122	0	0						
47	161	265WLFLOH	531,794	N/A	N/A	1.0000	1.0000	531,794	0	0						
48	162	265WLFLUG	33,739	N/A	N/A	1.0000	1.0000	30,759	0	0						
49	213	SGS UATRD	733,678	N/A	N/A	1.0000	1.0000	733,678	0	0						
50	222	SYS	23,556,351	N/A	N/A	1.0000	1.0000	23,556,351	0	0						
51	225	SGS-LMTD	65,556	N/A	N/A	1.0000	1.0000	66,556	0	0						
52	227	G5-TOD PRI	N/A	N/A	0.9494	0.9562	N/A	N/A	0	0						
53	229	G5-TOD SEC	29,618,816	N/A	N/A	1.0000	1.0000	29,618,516	0	0						
54	337	LOS-TOD SEC	24,139,421	110,220	N/A	1.0000	1.0000	24,139,421	110,220	0	0					
55	339	LGS-TOD PRD	N/A	N/A	0.9494	0.9562	N/A	N/A	0	0						
56	231, 233, 281	G5 SEC	604,383,768	225	N/A	1.0000	1.0000	339,158	225	604,722,946	449	0				
57	234, 231	SGS PRD	3,187,338	126	N/A	0.9494	0.9562	18,640	126	3,043,905	244	0				
58	215, 261	G5 SEC	2,309,453,056	7,116,421	11,269	1.0000	1.0000	2,518,042	8,671	2,311,951,058	7,125,092	11,269				
59	217, 263	G5 PRD	259,562,196	718,839	1,818	0.9494	0.9562	14,904,600	33,123	265,575,335	726,519	1,757				
60	236, 265	G5 SUB	13,978,088	31,513	276	0.9495	0.9561	N/A	N/A	13,221,374	30,105	265				
61	239, 267	G5 TRAN	943,000	7,203	N/A	0.9295	0.9525	N/A	N/A	876,502	6,933	0				
62	302	LPSDOSEC	177,040,824	372,715	1,250	1.0000	1.0000	N/A	N/A	177,040,824	372,715	1,250				
63	306	LPS PRI	1,942,044,346	3,666,017	33,572	0.9494	0.9562	29,536,600	57,709	1,811,794,233	3,597,773	32,437				
64	308, 309, 642	LPSATOOSUB	1,960,636,099	3,227,728	72,134	0.9495	0.9561	N/A	N/A	1,854,495,609	3,103,165	63,351				
65	310	LPS TRAN	471,510,917	854,873	11,376	0.9295	0.9463	N/A	N/A	438,261,028	628,954	10,765				
		Total KWH (Line 1 - 65)	14,193,433,066	16,185,671	131,695			47,349,344	99,854	13,958,719,024	15,882,198	127,093				

1 Loss factor per Demand &amp; Energy Study updated with test year 2024 Biennial Filing

## General Service

## Test Year Data

## GS Up at Secondary

GS Block 1 Stand Alone							
GS Secondary	1,016,321,915		1,0000				1,016,321,915
GS Primary	103,251,246		0.9494				98,025,439
GS-S transmission	4,553,304		0.9459				4,336,803
GS-Transmission	673,760		0.9295				626,248
Total	1,124,780,225						1,119,260,409
GS Block 2 Stand Alone							
GS Secondary	1,059,777,887		1,0000				1,058,777,887
GS Primary	120,905,452		0.9494				114,786,130
GS-S transmission	6,564,811		0.9459				6,209,420
GS-Transmission	289,240		0.9295				250,254
Total	1,216,517,450						1,213,023,691
GS Block 3 Stand Alone							
GS Secondary	204,383,254		1,0000				204,383,254
GS Primary	35,405,497		0.9494				33,613,526
GS-S transmission	2,859,973		0.9459				2,706,145
GS-Transmission	-		0.9295				0
Total	242,648,714						242,701,926

2583545393 (1) lead GS

Line No.	Tariff No. Code	Tariff Description	(A)	(B)	(C)	(D) = (C) * 0.1	(E) = (C) - (D)	(F)	(G) = (F) * <sup>2</sup>	(H) = (F) - (G)	(I) = (D) / (G)	(J) = (E) / (H)	(O) = (H) * (URRQ)	(P) = (J) * (URRQ)	(Q) = (H) * (O)	(R) = (J) * (P)	(K)	(L)	(M) = (I) * (K)	(N) = (J) * (L)
			All Charges (For the Entire Class)	Off-Peak Revenue Requirement (10%)	On-Peak Revenue Requirement (90%)	Units @ Secondary Voltage Level	Off-Peak Units <sup>3</sup>	On-Peak Units	Secondary Rate (\$/KWH)						TOD Tariff Off-Peak Units	TOD Tariff On-Peak Units	Off - Peak Revenue	On - Peak Revenue		
			Dollars				Dollars	Dollars	Going Level Factors	Under Recovery Factors <sup>4</sup>	Off-Peak	On-Peak	Off-Peak	On-Peak	Total Factors	Off-Peak	On-Peak	kWh	kWh	
1	30	RS - TOD	\$ 2,044,257	\$ 294,426	\$ 2,049,831	6,267,449,805	3,828,785,085	2,438,604,719	\$ 0.00008	\$ 0.00109	-	\$ -	\$ 0.00008	\$ 0.00109	1,626,345	995,233	\$ 146.27	\$ 1,085		
2	225	SOS - TOD	\$ 220,691	\$ 22,069	\$ 198,622	608,567,086	361,673,489	256,603,507	\$ 0.00006	\$ 0.00077	-	\$ -	\$ 0.00006	\$ 0.00077	44,150	22,406	\$ 2.65	\$ 17		
3	229	GS-TOD Sec	\$ 703,645	\$ 70,364	\$ 714,280	2,040,412,240	1,474,934,280	1,165,477,905	\$ 0.00005	\$ 0.00061	-	\$ -	\$ 0.00005	\$ 0.00061	17,822,971	11,786,645	\$ 891.15	\$ 7,195		
4	227	GS-TOD Pn							\$ 0.00005	\$ 0.00061	-	\$ -	\$ 0.00005	\$ 0.00061	0	0	\$ -	\$ -		
5	337	LOS-TOD Sec (LOS)	\$ 703,645	\$ 70,364	\$ 714,280	2,040,412,246	1,474,934,280	1,165,477,905	\$ 0.00005	\$ 0.00061	-	\$ -	\$ 0.00005	\$ 0.00061	14,414,250	9,726,171	\$ 720.71	\$ 6,032		
6	339	LOS-TOD Pn (LOS)							\$ 0.00005	\$ 0.00061	-	\$ -	\$ 0.00005	\$ 0.00061	0	0	\$ -	\$ -		
7	Total of Line(1 thru 3 + 6)			\$ 4,782,238	\$ 475,274	\$ 4,277,014	12,156,841,382	7,138,527,136	5,026,314,246							34,109,717	22,039,355	\$ 1,781	\$ 14,230	

**Notes:**

Total GS-TOD Sec and GS-TOD Pn to calculate an overall rate

<sup>1</sup> Company does not distinguish between secondary and primary for SOS client

Tariff	Off-Peak Unit %	Source: Load Research, On- and Off-Peak kWh Study (Virginia Retail Test Year 2022)
KG-TOD	61.09%	
SOS-LMTOD	57.82%	
GS-TOD	55.88%	Also used for new LOS-TOD that was segmented from existing GS-TOD
LOS	55.88%	

<sup>2</sup> GS - TOD Primary Rate was developed by multiplying GS-TOD Secondary by the primary energy loss factor

Primary	Energy Loss Factor	1.0000
Rate	Off-Peak	On-Peak
	\$ 0.00006	\$ 0.00005
	\$ 0.00011	\$ 0.00011

<sup>3</sup> LOS - TOD Primary Rate was developed by multiplying LOS-TOD Secondary by the primary energy loss factors

Primary	Energy Loss Factor	0.9458
Rate	Off-Peak	On-Peak
	\$ 0.00005	\$ 0.00005
	\$ 0.00058	\$ 0.00058

<sup>4</sup> Under Recovery Ratio Calculation:

Under Recovery Revenue Requirement	\$	
Going Level Revenue Requirement	\$	4,890,303
Total Revenue Requirement	\$	4,890,303
Under Recovery Ratio (URRQ)		0.00%

APPALACHIAN POWER COMPANY VIRGINIA  
PUR-2025-00049  
A.5 PCAP  
Time of Day Billing Determinants

250530212  
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Witness:JNC  
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Line No.	Tariff Code	Tariff Description	(A)	(B)	(C)	(D) = (A) * (C)	(E) = (B) * (C)	
			Billing Determinants 2024 Biennial Filing		Loss Factor <sup>1</sup>	Units @ Secondary Voltage Level		
Growth & Weather Adjusted Inclusive of OAD			Billing Determinants	On-Peak	Off-Peak	Energy	On-Peak	Off-Peak
Line No.	Tariff Code	Tariff Description			Loss Factor <sup>1</sup>			
1	30	RS-TOD	995,233	1,828,346	N/A	1.00000	995,233	1,828,346
2	225	SGS-LMTOD	22,406	44,150	N/A	1.00000	22,406	44,150
3	227	GS-TOD PRI	0	0	N/A	0.94939	0	0
4	229	GS-TOD SEC	11,795,545	17,822,971	N/A	1.00000	11,795,545	17,822,971
5	337	LGS-TOD SEC	9,725,171	14,414,250	110,220	1.00000	9,725,171	14,414,250
6	339	LGS-TOD PRI	0	0	0	0.94939	0	0
7	Total KWH (Line 1 - 6)		<u>22,538,355</u>	<u>34,109,717</u>			<u>22,538,355</u>	<u>34,109,717</u>

Notes

<sup>1</sup> Loss factor per 2024 Biennial 42C

## APPALACHIAN POWER COMPANY - VIRGINIA

PUR-2025-00049

A.5 PCAP

Tariff Sheets

APCO Exhibit No.\_\_\_\_\_

Witness: JNC

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## Standard Tariff

## Appalachian Power Company-Purchased Capacity-A.5

## Summary of Energy &amp; Demand Rates

	Different.	Energy A.5 PCAP	Demand-A.5	Demand-A.5
			PCAP	PCAP Off-Peak
	Rate	per kWh	per kW	per kW
Residential (011,012,013,014,015,019,020,051,054)		\$0.00047		
Residential – TOD or TOU (030,031,032,036)	On-Peak	\$0.00109		
	Off-Peak	\$0.00008		
SWS (222)		\$0.00075		
SGS - (231,233,234,213,281)		\$0.00037		
SGS - LMTOD (225,226)	On-Peak	\$0.00077		
	Off-Peak	\$0.00006		
GS-TOD Secondary (229,230)	On-Peak	\$0.00061		
	Off-Peak	\$0.00005		
GS-TOD Primary (227)	On-Peak	\$0.00061		
	Off-Peak	\$0.00005		
GS-Secondary (261)	Block 1	\$0.00023	\$0.03	\$0.00
	Block 2	\$0.00021		
	Block 3	\$0.00018		
GS-Primary (263)	Block 1	\$0.00022	\$0.03	\$0.00
	Block 2	\$0.00020		
	Block 3	\$0.00017		
GS-Subtransmission (265)	Block 1	\$0.00022	\$0.03	\$0.00
	Block 2	\$0.00020		
	Block 3	\$0.00017		
GS-Transmission (267)	Block 1	\$0.00021	\$0.03	\$0.00
	Block 2	\$0.00020		
	Block 3	\$0.00017		
LGS – TOD Secondary (337)	On-Peak	\$0.00061		
	Off-Peak	\$0.00005		
LGS – TOD Primary (339)	On-Peak	\$0.00058		
	Off-Peak	\$0.00005		
LPS - Secondary (302)		\$0.00000	\$0.12	\$0.01
LPS - Primary (306)		\$0.00000	\$0.11	\$0.01
LPS - Subtransmission (308) (309)		\$0.00000	\$0.10	\$0.01
LPS - Transmission (310)		\$0.00000	\$0.10	\$0.01
OL (093 + range)		\$0.00009		

## APPALACHIAN POWER COMPANY - VIRGINIA

PUR-2025-00049

A.5 PCAP

OAD Tariff

Tariff Sheets

APCO Exhibit No. \_\_\_\_\_

Witness: JNC

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Appalachian Power Company-Purchased Capacity-A.5 Summary of Demand & Energy Rates				
Schedule	Differentiat.	Energy A.5 PCAP	Demand-A.5 PCAP	Demand-A.5 PCAP Off-Peak
	Rate	per kWh	per kW	per kW
Residential (820)		\$0.00		
SWS (890)		\$0.00		
SGS (830, 831, 833)		\$0.00		
GS – Secondary (870)	Block 1	\$0.00	\$0.03	\$0.00
	Block 2	\$0.00		
	Block 3	\$0.00		
GS – Primary (871)	Block 1	\$0.00	\$0.03	\$0.00
	Block 2	\$0.00		
	Block 3	\$0.00		
GS – Subtransmission (872)	Block 1	\$0.00	\$0.03	\$0.00
	Block 2	\$0.00		
	Block 3	\$0.00		
GS – Transmission (873)	Block 1	\$0.00	\$0.03	\$0.00
	Block 2	\$0.00		
	Block 3	\$0.00		
LPS – Secondary (860)			\$0.12	\$0.01
LPS - Primary (861)			\$0.11	\$0.01
LPS - Subtransmission (862)			\$0.10	\$0.01
LPS - Transmission (863)			\$0.10	\$0.01
OL (912 + range)		\$0.00		

## APPALACHIAN POWER COMPANY - VIRGINIA

PUR-2025-00049

A.5 PCAP

Tariff Sheets

FRR-OAD Tariff

APCO Exhibit No.\_\_\_\_\_

Witness: JNC

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**Appalachian Power Company-Purchased Capacity-A.5****Summary of Energy & Demand Rates**

Schedule	Differentiat.	Energy A.5 PCAP	Demand-A.5 PCAP	Demand-A.5 PCAP Off-Peak
	Rate	per kWh	per kW	per kW
SGS - (231F,233F,234F,213F,281F )			\$0.00	\$0.00
GS-Secondary (261F)	Block 1			
	Block 2		\$0.03	\$0.00
	Block 3			
GS-Primary(263F)	Block 1			
	Block 2		\$0.03	\$0.00
	Block 3			
GS-Subtransmission (265F)	Block 1			
	Block 2		\$0.03	\$0.00
	Block 3			
GS-Transmission (267F)	Block 1			
	Block 2		\$0.03	\$0.00
	Block 3			
LPS - Secondary (302F)			\$0.12	
LPS - Primary (306F)			\$0.11	
LPS - Subtransmission (308F) (309F)			\$0.10	
LPS - Transmission (310F)			\$0.10	\$0.00

Revenue Requirement Calculation of A&E RPS XAC

Amherst COD October 2023

Virginia Retail Energy Allocator Dec 24

	46.774%	Bridge	Rate Year 03/26-02/27	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11
APCO Amherst Solar				\$ 388,382	\$ 386,207	\$ 362,315	\$ 340,137	\$ 337,295	\$ 339,174	\$ 329,911	\$ 304,838	\$ 286,159	\$ 491,375
Lifetime Revenue Requirement (Virginia Retail)				4,906	4,881	4,866	4,851	4,848	4,822	4,808	4,793	4,790	4,765
Expected Annual Output				121,023	184,243	77,450							
REC Value Extracted													

Top Hat COD September 30, 2025

	Bridge	Rate Year 03/26-02/27	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	
APCO Amherst Solar				\$ 19,526,704	\$ 18,605,116	\$ 15,693,768	\$ 15,576,304	\$ 14,622,329	\$ 12,982,374	\$ 11,321,434	\$ 10,612,473	\$ 9,098,831	\$ 8,851,406
Lifetime Revenue Requirement (Virginia Retail)				341,935	341,935	341,935	341,935	341,935	341,935	341,935	341,935	341,935	341,935
Expected Annual Output				12,908,028	5,442,658								
REC Value Extracted													

Grover COD February 1, 2026

	Bridge	Rate Year 03/26-02/27	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	
APCO Amherst Solar				\$ 17,421,591	\$ 15,819,307	\$ 15,308,046	\$ 14,892,402	\$ 14,548,912	\$ 13,199,794	\$ 12,681,100	\$ 12,029,229	\$ 11,412,049	\$ 10,862,322
Lifetime Revenue Requirement (Virginia Retail)				159,038	159,038	159,038	159,038	159,038	159,038	159,038	159,038	159,038	159,038
Expected Annual Output				6,056,040	510,246								
REC Value Extracted													

\*Revenue requirements are presented on a Virginia Retail basis

250530212

APPALACHIAN POWER COMPANY - VIRGINIA  
PUR-2024-00049  
A.6 RPS Owner Renewable Generation  
Revenue Requirement

APCO Exhibit No. \_\_\_\_\_  
Witness: JNC  
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Appalachian Power Company - Virginia  
Case No. PUR-2024-00049  
A.6 RPS RAC

For the Rate Year March 1, 2026 to February 28, 2027

	A.6 RPS RAC Revenue Requirement Bridge Period			Virginia Retail Energy Allocator Dec 24	46.774%
	2024 VCEA Rate Year	Bridge Period	VA Retail share of abandonment costs		
	March 2026 - February 2027	January 2025 - February 26	Firefly, Bedington		
Promised Amberst Revenue Requirement	\$ 376,252	\$ 83,058			
Amberst Promised A.6 RPS RAC REC Value <sup>1</sup>	\$ 184,925	\$ 197,790.64			
Promised Top Hat Revenue Requirement	\$ 17,729,042	\$ 7,719,460			
Top Hat Promised A.6 RPS RAC REC Value <sup>1</sup>	\$ 12,972,141	\$ 5,378,345			
Promised Grover Revenue Requirement	\$ 17,288,109	\$ 1,451,799	211,934.59	Firefly	
Grover Promised A.6 RPS RAC REC Value <sup>1</sup>	\$ 8,056,118	\$ 504,172	539,120.40	Bedington	
A.6 RPS RAC Revenue Requirement Rate Year	\$ 35,390,403	\$ 9,254,317	751,255.19	Total Company	
Total Promised A.6 RPS RAC REC Value <sup>1</sup>	\$ 19,211,204	\$ 6,080,308			
	\$ 16,177,199	\$ 3,174,009			
<b>Total</b>	<b>\$ 16,177,199</b>	<b>\$ 3,174,009</b>			

<sup>1</sup>Two months of 2024 REC delivery year price and 10 months of 2025 REC delivery year price

A.6 RPS RAC Monthly Under/(Over) Cost Deferral					
Amberst, Top Hat, Grover					
	A.6 RPS RAC Actual Revenue				
2022					
2023	\$ (105,146)	\$ (222,052)	\$ 96,860		
Jan-24	\$ (20,425)	\$ 40,991			
Feb-24	\$ (13,847)	\$ 30,344			
Mar-24	\$ (13,899)	\$ 29,641			
Apr-24	\$ (10,008)	\$ 29,776			
May-24	\$ (11,055)	\$ 42,875			
Jun-24	\$ (12,713)	\$ 34,541			
Jul-24	\$ (16,026)	\$ 48,186			
Aug-24	\$ (13,260)	\$ 203,098			
Sep-24	\$ (10,303)	\$ (141,945)			
Oct-24	\$ (11,162)	\$ 42,068			
Nov-24	\$ (11,208)	\$ 49,593			
Dec-24	\$ (82,051)	\$ 25,462			
Jan-25	\$ (77,990)	\$ 28,446			
<b>Total</b>	<b>\$ (727,416)</b>	<b>\$ 580,135</b>			
Bridge Period					
13-mo Review Period	\$ (400,218)	\$ 483,275			
Feb-25	\$ (36,786)	\$ 37,175			
Mar-25	\$ (36,786)	\$ 37,175			
Apr-25	\$ (36,786)	\$ 37,175			
May-25	\$ (36,786)	\$ 37,175			
Jun-25	\$ (36,786)	\$ 37,175			
Jul-25	\$ (36,786)	\$ 37,175			
Aug-25	\$ (36,786)	\$ 37,175			
Sep-25	\$ (36,786)	\$ 37,175			
Oct-25	\$ (36,786)	\$ 37,175			
Nov-25	\$ (36,786)	\$ 37,175			
Dec-25	\$ (36,786)	\$ 37,175			
Jan-26	\$ (36,786)	\$ 37,175			
Feb-26	\$ (36,786)	\$ 37,175			
<b>Total</b>	<b>\$ (460,218)</b>	<b>\$ 480,275</b>	<b>\$ 83,858</b>		
NBC Energy Value Rate Year					
	Monthly Generation	Energy Price Forecast	Energy Value		
Feb-25	400	26.44	\$ 10,800		
Mar-25	400	26.44	\$ 10,800		
Apr-25	400	26.44	\$ 10,800		
May-25	400	26.44	\$ 10,800		
Jun-25	400	26.44	\$ 10,800		
Jul-25	400	26.44	\$ 10,800		
Aug-25	400	26.44	\$ 10,800		
Sep-25	400	26.44	\$ 10,800		
Oct-25	28,901	26.44	\$ 764,075		
Nov-25	28,901	26.44	\$ 764,075		
Dec-25	28,901	26.44	\$ 764,075		
Jan-26	28,901	26.44	\$ 764,075		
Feb-26	42,154	26.63	\$ 1,206,813		
3/1/2026	42,154	26.63	\$ 1,206,813		
Apr-26	42,154	26.63	\$ 1,206,813		
May-26	42,154	26.63	\$ 1,206,813		
Jun-26	42,154	26.63	\$ 1,206,813		
Jul-26	42,154	26.63	\$ 1,206,813		
Aug-26	42,154	26.63	\$ 1,206,813		
Sep-26	42,154	26.63	\$ 1,206,813		
Oct-26	42,153	26.63	\$ 1,206,778		
Nov-26	42,153	26.63	\$ 1,206,778		
Dec-26	42,153	26.63	\$ 1,206,778		
Jan-27	42,153	32.33	\$ 1,362,842		
Year 2 grover	Feb-27	42,153	32.33	\$ 1,362,842	

#### Renewable Energy Credits (Data)

Historical Period: 1 Year  
Location: PJM TRC Class I REC  
Instrument: REC Index 2025, REC Index 2026

S&P Capital IQ

Date	PJM TRC Class I REC REC Index 2025	PJM TRC Class I REC REC Index 2026	PJM TRC Class I REC REC Index 2027	PJM TRC Class I REC REC Index 2028
02/28/2025	37.00	34.00	38.50	38.90
	36.75	38.00	38.65	39.65
	37.00	38.25	38.75	39.70
	37.25	38.90	39.10	40.15
	37.20	38.80	39.00	40.10
	37.00	38.50	39.00	39.75
	36.50	38.75	38.50	39.00
	36.75	38.50	38.75	39.40
	37.00	39.25	39.43	39.70

250530212

Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30
\$ 26,02,951	\$ 25,709,942	\$ 25,248,637	\$ 24,855,034	\$ 24,550,939	\$ 24,048,779	\$ 23,625,724	\$ 23,433,475	\$ 22,990,711	\$ 22,751,930	\$ 22,357,943	\$ 22,053,801	\$ 21,765,955	\$ 21,380,319	\$ 21,290,808	\$ 21,151,883	\$ 21,063,116	\$ 21,036,060	\$ 21,066,457	\$ 21,317,941

Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	Year 21	Year 22	Year 23	Year 24	Year 25	Year 26	Year 27	Year 28	Year 29	Year 30
\$ 10,705,507	\$ 10,883,507	\$ 10,989,794	\$ 10,725,713	\$ 10,658,692	\$ 10,670,987	\$ 10,635,734	\$ 10,595,381	\$ 11,042,615	\$ 10,985,117	\$ 13,941,140	\$ 13,755,226	\$ 13,780,528	\$ 13,866,317	\$ 13,591,215	\$ 13,265,329	\$ 13,046,610	\$ 12,915,080	\$ 12,671,729	\$ 12,167,293

## APPALACHIAN POWER COMPANY - VIRGINIA

PUR-2025-00049

## A.6 RPS Owned Renewable Generation

Revenue Requirement

Total

APCO Exhibit No. \_\_\_\_\_

Witness: JNC

Sch 46 Section 6 Stat. 3 RR

Page 4 of 16

Line No.

	<b>Actual Period</b>	
1	Demand Cost True-Up Factor	\$ 603,975
2	<b>Bridge Period</b>	
3	Demand Cost True-Up Factor	\$ 3,174,009
4	<b>Projected Period</b>	
5	Demand Cost True-Up Factor	\$ 16,177,199
6	<b>Total Revenue Requirement</b>	<b><u>\$ 19,955,183</u></b>

APPALACHIAN POWER COMPANY - VIRGINIA  
PUR-2025-00049  
A.6 RPS Owned Renewable Generation  
Class Allocation

APCO Exhibit No. \_\_\_\_\_  
Witness: JNC  
Sch 46 Section 6 Stat 3 CA  
Page 5 of 16

Line No.	\$	Allocator	(1) Amount	RESIDENTIAL SERVICE		SMALL GENERAL SERVICE		GENERAL SERVICE		LARGE POWER SERVICE		SANCTUARY WORSHIP SERVICE		OUTDOOR LIGHTING SERVICE	
				RS Sec	SOS	GS	LPS	SW3 Sec	OL Sec						
<b>Rate Base</b>															
1 Projected Cost Recovery Factor	19,955,183	DEM	\$ 19,855,183	\$ 11,999,353	\$ 899,428	\$ 3,234,508	\$ 3,708,807	\$ 90,366	\$ 22,722						
2 Projected Cost Recovery Factor	-	ENER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -						
Total G-RAC Cost of Service (Line 1+2)	19,955,183		\$ 19,955,183	\$ 11,999,353	\$ 899,428	\$ 3,234,508	\$ 3,708,807	\$ 90,366	\$ 22,722						
Rate Year Demand-Related Charges	19,955,183		\$ 19,955,183	\$ 11,999,353	\$ 899,428	\$ 3,234,508	\$ 3,708,807	\$ 90,366	\$ 22,722						
Rate Year Energy-Related Charges	-		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -						

APPALACHIAN POWER COMPANY - VIRGINIA  
PUR-2025-00049  
A.6 RPS Owned Renewable Generation  
Class Allocators

APCO Exhibit No. \_\_\_\_\_  
Witness: JNC  
Sch 46 Section 6 Stat 3 Class  
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Line No.	Allocator Name	Allocator	Amount	RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	GENERAL SERVICE	LARGE POWER SERVICE	SANCTUARY WORSHIP SERVICE	OUTDOOR LIGHTING SERVICE
				RS	SGS	GS	LPS	SWS	OL
				Sec				Sec	Sec
1	DEMAND - SIX CP	DEM	2,808,752	1,688,945	128,597	455,267	522,026	12,718	3,198
2	KWH AT GENERATOR	ENER	15,017,503,475	6,926,159,705	671,371,557	2,863,889,717	4,445,838,979	32,695,877	77,547,640
3	FOAD Customer Metered kWh		-	-	-	-	-	-	-
4	Energy Loss Factor		-	-	-	-	-	-	-
5=3+4	Exempt Customer KWH at Generator		-	-	-	-	-	-	-
6=2-5	ENERGY (excl. Exempt FOAD Customer)		15,017,503,475	6,926,159,705	671,371,557	2,863,889,717	4,445,838,979	32,695,877	77,547,640
7	DEMAND - SIX CP	DEM	1.00	0.801315	0.045072	0.162089	0.165857	0.004528	0.001139
8	KWH AT GENERATOR EXCLUDING OAD	ENER	1.00	0.461206	0.044706	0.190703	0.296044	0.002177	0.005164

Source: 2024 Biennial Schedule 40 C

(A)	(B)	(C)	(D)	(E) = (B) - (D)	(F)	(G)	(H) = (C+E)(F) or (I) = (C)(G)	(J)						
Line No.	Tariff Description	Generation Cost		TOD Revenue Requirement	Energy Revenue Less TOD Revenue	Units @ Secondary Voltage Level	Secondary Rate							
		Energy	On Peak Demand	Off-Peak, Excess Demand	Dollars	Dollars	Energy - kWh	Demand - kW	\$/kWh <sup>1</sup>	Off-Peak \$/kWh <sup>2</sup>	Excess \$/kWh <sup>3</sup>			
1	Residential Service	\$ -	\$ 11,999,363	\$ -	\$ 4,076	\$ (4,976)	6,264,808,132	0	\$ 0.01192					
2	Sanctuary Watchdog Service	\$ -	\$ 90,365	\$ -	\$ -	\$ -	20,586,351	0	\$ 0.00325					
3	Small General Service <sup>4</sup>	\$ -	\$ 409,426	\$ -	\$ -	\$ -	608,500,679	652	\$ 0.00148					
4	Large Power Service <sup>5</sup>	\$ -	\$ 3,703,117	\$ 5,000	\$ -	\$ -	4,341,501,694	7,582,037	\$ -	\$ 0.47	\$ 0.05			
5	Outdoor Lighting	\$ -	\$ 22,727	\$ -	\$ -	\$ -	68,111,467	0	\$ 0.00033					
6	Total of Lines(1-5)	\$ -	\$ 16,714,685	\$ 5,000	\$ 5,659	\$ (8,098)	11,213,296,549	7,883,338						
OG Demand Cost in Block Rates														
7	General Service	\$ 2,002,080	\$ 1,131,892	\$ 502	\$ 60,894	\$ 1,041,191	2,040,864,309	7,880,649	\$ 0.14	\$ 0.04				
8	Block 1 - Initial Rate	\$ -	\$ -	\$ -	\$ -	\$ -	Block 1 Revenue	\$ 917,794	\$ 1,110,880,409	\$ 0.00026	\$ 0.00077			
9	Block 2 - Initial Rate	\$ -	\$ -	\$ -	\$ -	\$ -	Block 2 Revenue	\$ 965,019	\$ 1,110,822,691	\$ 0.00026	\$ 0.00077			
10	Block 3 - Initial Rate	\$ -	\$ -	\$ -	\$ -	\$ -	Block 3 Revenue	\$ 761,340	\$ 240,107,071	\$ 0.00027	\$ 0.00077			
		\$ 1,194,418.40	\$ 3	\$ 327										
Line No.	Tariff Description	Secondary Rates			Total Factors			Ongoing Level Factors			Primary Rates			
		Ongoing Level Factors	Under Recovery Factors*		On-Peak Energy - \$/kWh	On-Peak Demand - \$/kW	Off-Peak Excess \$/kWh	On-Peak Energy - \$/kWh	On-Peak Demand - \$/kW	Off-Peak Excess \$/kWh	Under Recovery Factors			
			On-Peak Demand - \$/kW	Off-Peak, Excess \$/kWh	On-Peak Demand - \$/kW	On-Peak Demand - \$/kW	Off-Peak Excess \$/kWh	On-Peak Energy - \$/kWh	On-Peak Demand - \$/kW	Off-Peak Excess \$/kWh	On-Peak Energy - \$/kWh	On-Peak Demand - \$/kW	Off-Peak Excess \$/kWh	
11	Residential Service	\$ 0.00182	\$ -	\$ -	\$ -	\$ -	\$ 0.00107							
12	Sanctuary Watchdog Service	\$ 0.00305	\$ -	\$ -	\$ -	\$ -	\$ 0.00305							
13	Small General Service <sup>4</sup>	\$ 0.00148	\$ -	\$ -	\$ -	\$ -	\$ 0.00148							
14	Large Power Service <sup>5</sup>	\$ 0.0052	\$ 0.47	\$ 0.05	\$ -	\$ -	\$ 0.47	\$ 0.05	0.0494	0.0662	\$ 0.00000	\$ 0.48	\$ 0.05	\$ 0.00000
15	Outdoor Lighting	\$ 0.00033	\$ -	\$ -	\$ -	\$ -	\$ 0.00033							
16	General Service - Block 1	\$ 0.00052	\$ 0.14	\$ -	\$ -	\$ -	\$ 0.00042	\$ 0.14	\$ -	0.0494	0.0662	\$ 0.00078	\$ 0.14	\$ 0.05
17	General Service - Block 2	\$ 0.00060	\$ -	\$ -	\$ -	\$ -	\$ 0.00040	\$ -	0.0494	0.0662	\$ 0.00078	\$ 0.00	\$ 0.00000	\$ 0.00
18	General Service - Block 3	\$ 0.00077	\$ -	\$ -	\$ -	\$ -	\$ 0.00077	\$ -	0.0494	0.0662	\$ 0.00073	\$ 0.00	\$ 0.00000	\$ 0.00

(A)	(B)	(C)	(D)	(E) = (B) - (D)	(F)	(G)	(H) = (C)/(F) or (G)/(F)	(I) = (C)(G)	(J)		
Line No.	Tariff Description	Generation Cost	TOD Revenue Requirement	Energy Revenue Less TOD Revenue	Units @ Secondary Voltage Level	Secondary Rate					
Ratemaking Information Table											
Using Level Factors											
Line No.	Tariff Description	Under Recovery Factor	On-Peak Demand - \$/kW	Off-Peak Demand - \$/kW	Under Recovery Factor	On-Peak Demand - \$/kW	Off-Peak Demand - \$/kW	Under Recovery Factor	On-Peak Demand - \$/kW	Off-Peak Demand - \$/kW	Total Factor
18 Large Power Service <sup>1</sup>	0.9650	0.9614	\$0.00000	\$0.45	\$0.05	\$0.00000	\$0.00	\$0.00	\$ -	\$ 0.45	\$ 0.05
20 Outdoor Lighting											
21 General Service - Block 1	0.9450	0.9614	\$0.00078	\$0.13	\$0.00	\$0.00000	\$0.00	\$ 0.00078	\$ 0.13	\$ 0.00078	\$ 0.13
22 General Service - Block 2	0.9450	0.9614	\$0.00078			\$0.00000	\$0.00	\$ 0.00078	\$ 0.00	\$ 0.00078	\$ 0.00
23 General Service - Block 3	0.9450	0.9614	\$0.00073			\$0.00000	\$0.00	\$ 0.00073	\$ 0.00	\$ 0.00073	\$ 0.00

OFF PEAK EXCESS DEMAND REVENUE REQUIREMENTS

(A)	(B)	(C)	(D) = (B) / (C)	(E)	(F)	(G) = (E) * (F)	(H) = (B) - (G)	(I)	(J) = (H) * (I)	(K) = (A) + (H) - (J)	
Cost Based Off-Peak Demand Charge											
Tariff Description	Energy - Related Cost	Demand - Related Cost	Demand Units @ Secondary Voltage Level	Unit Demand Cost	Peak Excess Charge (\$/kWh)	Off-Peak Demand Units	Proposed Off-Peak Excess Revenue	Demand Cost Less Revenue	% of Demand Cost in Demand Rate	Adjusted Demand Cost	Adjusted Energy Cost for Block 1 A, T
General Service	\$ -	\$ 3,224,508	7,488,049	\$ 0.41	\$ 0.04	13,291	\$ 0.02	\$ 2,720,977	35.05%	\$ 1,131,880	\$ 2,002,045
Large Power Service	\$ -	\$ 3,728,802	7,882,037	\$ 0.47	\$ 0.000	113,802	\$ 5,600	\$ 3,723,117	100.00%	\$ 2,723,117	\$ 537
	\$ -	\$ 8,053,310	15,771,086			127,093	\$ 0.227	\$ 27,093,083		\$ 4,631,056	\$ 2,007,046

<sup>1</sup> Company does not distinguish between secondary and primary for GGD class. Lead billed level energy GGD are not less adjusted due each customer being billed at the secondary rate.

<sup>2</sup> Adjustments to Gross Allocations of Demand and Energy Related Costs include GS Block 1. Energy excludes GS Block 1.

<sup>3</sup> For MDD (H) = (E) / (F)

<sup>4</sup> Under Recovery Ratio Calculation:

Over/Under Recovery Revenue Requirement \$ 16,055,183  
Gross Level Revenue Requirement \$ 16,055,183  
Total Strategic Requirement \$ 19,055,183  
Under Recovery Ratio 0.00%

65.00% Remaining Demand %  
Demand Cost before Relocation  
\$ 3,723,977

Less Off-Peak excess revenue  
\$ 537

Less TOD Revenue  
\$ 80,004

Less Demand charge revenue  
\$ 1,131,882

Residual Demand Cost before Relocation  
\$ 2,540,659

Line No.	Tariff Code	Tariff Description	Proposed											
			KWH	KW	Off-Peak Excess	Energy Rate	Demand Rate	Off-Peak Excess	Total Revenue	Class Total	Cost Study	Under Recovery		
1	11, 12, 13, 14	RS-LMW/H	3,265,924	N/A	N/A	\$0.00192			\$6,311	\$12,033,019	\$11,999,353	\$0	\$11,999,353	
2	15	RS	8,241,213,244	N/A	N/A	\$0.00192			\$11,983,129					
3	20	RS EMP	20,060,450	N/A	N/A	\$0.00192			\$38,554					
4	30	RS-TOD - On peak	995,233	N/A	N/A	\$0.00443			\$4,409					
5		- Off peak	1,829,348	N/A	N/A	\$0.00031			\$567					
6	51, 54	RS-LMW/H	25,505	N/A	N/A	\$0.00192			\$49					
7														
8	93, 911	8500 L, 175 W	13,672,352	N/A	N/A	\$0.00033			\$4,512	\$22,799	\$22,722	\$0	\$22,722	
9	94, 912	9500 L, 100 W	12,079,501	N/A	N/A	\$0.00033			\$3,986					
10	95, 913	23,300 L, 400 W	2,909,999	N/A	N/A	\$0.00033			\$557					
11	98	13000 L, 250 W	6,567	N/A	N/A	\$0.00033			\$2					
12	99	22,000 L, 200 W	4,143,612	N/A	N/A	\$0.00033			\$1,367					
13	98, 913	50000 L, 400 W	8,223,738	N/A	N/A	\$0.00033			\$2,714					
14	99	8500 L, 175 W	1,216,326	N/A	N/A	\$0.00033			\$491					
15	102	36000 Lumen, 400 W Flood	9,485,249	N/A	N/A	\$0.00033			\$3,130					
16	103	28500 L, 250 W SB	1,228,108	N/A	N/A	\$0.00033			\$405					
17	104	56000 Lumen, 400 W	667,563	N/A	N/A	\$0.00033			\$187					
18	105	36000 Lumen, 400 W	1,506,883	N/A	N/A	\$0.00033			\$497					
19	106	6300 L, 70 W	30,577	N/A	N/A	\$0.00033			\$10					
20	109	50000 L, 400 W Flood	3,057,244	N/A	N/A	\$0.00033			\$1,009					
21	111	9500 L, 100 W	1,256,283	N/A	N/A	\$0.00033			\$415					
22	113	28500 PTSV, 250 W	473,126	N/A	N/A	\$0.00033			\$156					
23	117	9500 MON	4,830	N/A	N/A	\$0.00033			\$2					
24	118	22000 MON	27,682	N/A	N/A	\$0.00033			\$9					
25	119	50000 MON	72,000	N/A	N/A	\$0.00033			\$24					
26	124	50000 Lumen, 400 W Flood	454,419	N/A	N/A	\$0.00033			\$160					
27	126	36000 Lumen, 400 W Flood	753,021	N/A	N/A	\$0.00033			\$248					
28	127	28500 L, 250 W Flood	403,774	N/A	N/A	\$0.00033			\$133					
29	131	110000 Lumen,1000 W Flood	2,228,199	N/A	N/A	\$0.00033			\$735					
30	132	110000 Lumen,1000 W Flood	149,772	N/A	N/A	\$0.00033			\$49					
31	134	13000 Lumen, 175 W Flood	28,938	N/A	N/A	\$0.00033			\$10					
32	135	13000 Lumen, 175 W Flood	5,974	N/A	N/A	\$0.00033			\$2					
33	136	13000 Lumen, 150 W Flood	508,434	N/A	N/A	\$0.00033			\$168					
34	137	13000 Lumen, 150 W Flood	218,136	N/A	N/A	\$0.00033			\$72					
35	143	9500 MON	3,388	N/A	N/A	\$0.00033			\$1					
36	142	22000 MON	23,276	N/A	N/A	\$0.00033			\$8					
37	143	50000 MON	4,000	N/A	N/A	\$0.00033			\$1					
38	150	55W LEDOH	818,910	N/A	N/A	\$0.00033			\$270					
39	151	55W LEDUG	20,351	N/A	N/A	\$0.00033			\$7					
40	152	100WLEDOH	506,537	N/A	N/A	\$0.00033			\$167					
41	153	50000 Lumen, 400 W Flood	145,506	N/A	N/A	\$0.00033			\$48					
42	154	36000 Lumen, 400 W Flood	771,707	N/A	N/A	\$0.00033			\$256					
43	155	28500 L, 250 W Flood	370,398	N/A	N/A	\$0.00033			\$122					
44	156	110000 Lumen,1000 W Flood	119,972	N/A	N/A	\$0.00033			\$40					
45	157	110000 Lumen,1000 W Flood	38,935	N/A	N/A	\$0.00033			\$12					
46	158	13000 Lumen, 175 W Flood	90,739	N/A	N/A	\$0.00033			\$30					
47	159	13000 Lumen, 175 W Flood	807,099	N/A	N/A	\$0.00033			\$266					
48	160	13001 Lumen, 150 W Flood	74,122	N/A	N/A	\$0.00033			\$24					
49	161	13002 Lumen, 150 W Flood	531,794	N/A	N/A	\$0.00033			\$175					
50	162	22000 MON	30,739	N/A	N/A	\$0.00033			\$10					
51														
52	213	SGS UMTRD	733,678	N/A	N/A	\$0.00148			\$1,086	\$90,373	\$899,428	\$0	\$899,428	
53	225	SGS-UMTOD On peak	22,496	N/A	N/A	\$0.00315			\$71					
54		Off peak	44,150	N/A	N/A	\$0.00026			\$11					
55	231, 233, 281	SGS SEC	604,383,765	N/A	N/A	\$0.00148			\$94,468					
56	234	SGS PRI	3,187,338	N/A	N/A	\$0.00148			\$4,717					
57														
58														
59	227	GS-TOD Pri - On peak	0	N/A	N/A	\$0.00237			\$0	\$3,234,211	\$3,234,508	\$0	\$3,234,508	
60		- Off peak	0	N/A	N/A	\$0.00021			\$0				-\$297	
61	229	GS-TOD SEC - On peak	11,795,545	N/A	N/A	\$0.00250			\$29,489					
62		- Off peak	17,822,971	N/A	N/A	\$0.00022			\$3,921					
63	337	LGS-TOD SEC - On peak	9,725,171	N/A	N/A	\$0.00250			\$24,313					
64		- Off peak	14,414,250	N/A	N/A	\$0.00022			\$3,171					
65	339	LGS-TOD PRI - On peak	0	N/A	N/A	\$0.00237			\$0					
66		- Off peak	0	N/A	N/A	\$0.00021			\$0					
67														
68														
69														
70	261	GS SEC, Block 1	1,016,301,915	7,116,421	11,269	\$0.00052	\$0.14	\$0.00	\$1,829,667					
71		Block 2	1,068,777,887			\$0.00069			\$871,022					
72		Block 3	204,383,254			\$0.00077			\$157,375					
73	263	GS PRI, Block 1	103,251,245	718,650	1,818	\$0.00078	\$0.14	\$0.00	\$181,172					
74		Block 2	120,905,452			\$0.00076			\$91,888					
75		Block 3	35,405,487			\$0.00073			\$26,646					
76	265	GS SUB, Block 1	4,553,304	31,313	276	\$0.00078	\$0.13	\$0.00	\$7,622					
77		Block 2	6,564,811			\$0.00076			\$4,989					
78		Block 3	2,859,973			\$0.00073			\$2,088					
79	267	GS TRAN, Block 1	673,760	7,203	0	\$0.00076	\$0.13	\$0.00	\$1,448					
80		Block 2	269,249			\$0.00074			\$199					
81		Block 3	0			\$0.00072			\$0					
82	222	SWS	29,555,351	N/A	N/A	\$0.00065			\$90,238	\$90,366	\$0	\$90,366	-\$127	
83	302	LPSSEC	1	177,040,824	372,715	1,250	\$0.00000	\$0.47	\$0.05	\$175,238	\$3,659,422	\$3,708,807	\$0	\$3,708,807
84	306	LPS PRI	1	1,942,044,346	3,666,017	33,572	\$0.00000	\$0.45	\$0.05	\$1,651,356				-\$49,384
85	308, 509	LPS/TOD SUB	1	1,960,636,099	3,227,728	72,134	\$0.00000	\$0.45	\$0.05	\$1,456,084				
86	310	LPS TRANS	1	471,510,917	654,873	11,376	\$0.00000	\$0.44	\$0.05	\$376,713				
87		Total of Line (1 - 86)	14,163,412,911	15,995,181	131,693				\$19,940,654	\$19,940,654	\$19,955,183	\$0	\$19,955,183	

1Adjusted to exclude F-OAD Energy billing determinants

Total Target Revenue  
Over / (Under) = 19,955,183  
(15,120)

APPALACHIAN POWER COMPANY - VIRGINIA  
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A 6 RPS Owned Renewable Generation  
Billing Determinants

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Line No.	Tariff Code	Tariff Description	Billing Determinants					Loss Factor	2024 A.S. Customer Billed Energy	2024 A.S. Customer Billed Demand	Units @ Secondary Voltage Level	(D) = (A) * (D)/(F) (B) * + (F) (C) * (E)	
			2024 Biennial Billing Growth & Weather Adjusted Billing Determinants Inclusive of QAD			(A)	(B)						
			Energy	Demand	Excess Off-Peak	Energy	Demand						
1	11, 12, 13, 14	RS-LW/H	3,286,924	N/A	N/A	1,0000	1,0000		3,286,924	0	0		
2	15 RS		6,241,213,244	N/A	N/A	1,0000	1,0000		6,241,213,244	0	0		
3	20 RS-EMP		20,680,460	N/A	N/A	1,0000	1,0000		20,680,460	0	0		
4	30 RS-TOD		2,843,673	N/A	N/A	1,0000	1,0000		2,843,673	0	0		
5	51, 54, RS-LW/H		25,505	N/A	N/A	1,0000	1,0000		25,505	0	0		
6	93, 911, 850/L, 175 W		13,672,352	N/A	N/A	1,0000	1,0000	664	13,671,488	0	0		
7	94, 912, 950/L, 100 W		12,079,501	N/A	N/A	1,0000	1,0000	1,452	12,080,953	0	0		
8	99, 913, 2350/L, 400 W		2,500,999	N/A	N/A	1,0000	1,0000	3,792	2,697,207	0	0		
9	050 13000 L, 250 W		6,567	N/A	N/A	1,0000	1,0000		6,567	0	0		
10	097 22000 L, 200 W		4,143,612	N/A	N/A	1,0000	1,0000	2,024	4,145,636	0	0		
11	69, 913, 50000 L, 400 W		8,223,738	N/A	N/A	1,0000	1,0000	18,000	8,241,738	0	0		
12	99, 850/L, 175 W		1,216,326	N/A	N/A	1,0000	1,0000		1,216,326	0	0		
13	102, 36000 Lumen, 400 W Flood		9,435,243	N/A	N/A	1,0000	1,0000		9,435,243	0	0		
14	183 28500 L, 250 W SB		1,228,108	N/A	N/A	1,0000	1,0000		1,228,108	0	0		
15	104 50000 Lumen, 400 W		567,563	N/A	N/A	1,0000	1,0000		567,563	0	0		
16	102 36500 Lumen, 400 W		1,506,653	N/A	N/A	1,0000	1,0000		1,506,653	0	0		
17	109 630/L, 70 W		33,577	N/A	N/A	1,0000	1,0000		33,577	0	0		
18	109 50000 L, 400 W Flood		3,651,244	N/A	N/A	1,0000	1,0000	4,000	3,651,244	0	0		
19	111 9500/L, 100 W		1,256,280	N/A	N/A	1,0000	1,0000		1,256,280	0	0		
20	113 28500 PTSV, 250 W		473,126	N/A	N/A	1,0000	1,0000		473,126	0	0		
21	117 9500/MON		4,830	N/A	N/A	1,0000	1,0000		4,830	0	0		
22	118 22000 MON		27,682	N/A	N/A	1,0000	1,0000		27,682	0	0		
23	119 50000 MON		72,000	N/A	N/A	1,0000	1,0000		72,000	0	0		
24	124 50000 Lumen, 400 W Flood		484,419	N/A	N/A	1,0000	1,0000		484,419	0	0		
25	126 36500 Lumen, 400 W Flood		753,021	N/A	N/A	1,0000	1,0000		753,021	0	0		
26	127 28500 L, 250 W Flood		403,774	N/A	N/A	1,0000	1,0000	1,236	405,010	0	0		
27	131 110000 Lumen, 1000 W Flood		2,228,199	N/A	N/A	1,0000	1,0000		2,228,199	0	0		
28	132 110000 Lumen, 1000 W Flood		149,772	N/A	N/A	1,0000	1,0000		149,772	0	0		
29	134 13000 Lumen, 175 W Flood		28,938	N/A	N/A	1,0000	1,0000		28,938	0	0		
30	135 13000 Lumen, 175 W Flood		5,974	N/A	N/A	1,0000	1,0000		5,974	0	0		
31	136 13000 Lumen, 150 W Flood		608,494	N/A	N/A	1,0000	1,0000	760	509,244	0	0		
32	137 13000 Lumen, 150 W Flood		218,135	N/A	N/A	1,0000	1,0000		218,135	0	0		
33	141 9500/MON		3,388	N/A	N/A	1,0000	1,0000		3,388	0	0		
34	142 22000 MON		23,216	N/A	N/A	1,0000	1,0000		23,276	0	0		
35	143 50000 MON		4,000	N/A	N/A	1,0000	1,0000		4,000	0	0		
36	150 55W LED/0H		818,910	N/A	N/A	1,0000	1,0000		818,910	0	0		
37	151 55W LED/0U		20,351	N/A	N/A	1,0000	1,0000		20,351	0	0		
38	152 100WLED/0H		506,537	N/A	N/A	1,0000	1,0000		506,537	0	0		
39	153 100WLED/0U		145,506	N/A	N/A	1,0000	1,0000		145,506	0	0		
40	154 175W LED/0H		771,707	N/A	N/A	1,0000	1,0000		771,707	0	0		
41	155 175WLED/0U		370,398	N/A	N/A	1,0000	1,0000		370,398	0	0		
42	158 300WLED/0H		119,972	N/A	N/A	1,0000	1,0000		119,972	0	0		
43	157 300WLED/0U		36,935	N/A	N/A	1,0000	1,0000		36,935	0	0		
44	158 65W/PTU/G		99,739	N/A	N/A	1,0000	1,0000		99,739	0	0		
45	159 175W/FL0H		607,098	N/A	N/A	1,0000	1,0000		637,099	0	0		
46	160 175W/LFL/0G		74,122	N/A	N/A	1,0000	1,0000		74,122	0	0		
47	161 265W/LFL/0G		531,794	N/A	N/A	1,0000	1,0000		531,794	0	0		
48	162 265W/LFL/0G		30,739	N/A	N/A	1,0000	1,0000		30,739	0	0		
49	213 SGS-LMT/RD		733,678	N/A	N/A	1,0000	1,0000		733,678	0	0		
50	222 SWS		29,556,351	N/A	N/A	1,0000	1,0000		29,556,351	0	0		
51	225 SGS-LMT/0O		66,556	N/A	N/A	1,0000	1,0000		66,556	0	0		
52	227 GS-TOD/PRI		N/A	N/A	N/A	0.9494	0.9562		0	0	0		
53	228 GS-TOD SEC		29,618,516	N/A	N/A	1,0000	1,0000		29,618,516	0	0		
54	337 LGS-TOD SEC		24,139,421	(10,220)	N/A	1,0000	1,0000		24,139,421	110,220	0		
55	339 LGS-TOD PRI		N/A	N/A	N/A	0.9494	0.9562		0	0	0		
56	231, 233, 281, SGS SEC		604,381,788	225	N/A	1,0000	1,0000	339,158	225	604,722,946	449	0	
57	234, 231, SGS PRI		3,187,338	126	N/A	0.9494	0.9562	18,840	126	3,043,905	244	0	
58	215, 261 GS SEC		2,359,463,056	7,116,421	11,269	1,0000	1,0000	2,518,042	8,671	2,311,581,098	7,125,092	11,269	
59	217, 263 GS PRI		259,562,198	718,630	1,818	0.9494	0.9562	14,904,600	33,123	260,575,335	726,519	1,757	
60	236, 265 GS SUB		13,978,068	31,313	276	0.9459	0.9514	-	13,221,374	30,165	26	266	
61	239, 267 GS TRAN		945,000	7,233	N/A	0.9255	0.9525		876,552	6,933	0		
62	302 LPSTDOSEC		177,040,624	372,715	1,250	1,0000	1,0000		177,040,824	372,715	1,250		
63	306 LPS PRI		1,942,644,346	3,666,017	33,572	0.9494	0.9562	29,536,600	57,709	1,871,754,233	3,597,773	32,437	
64	308, 309, 862 LPS'ATOD/SUB		1,960,636,059	3,227,728	72,134	0.9459	0.9514	-	1,851,495,609	3,103,185	69,351		
65	310 LPS TRAN		471,510,917	854,873	11,376	0.9295	0.9463	-	438,261,028	658,964	10,765		
66	Total KWH (Line 1-65)		14,156,843,838	16,105,671	131,695				47,549,348	99,854	13,958,719,024	15,882,198	127,893
								0.334%					

<sup>1</sup> Loss factor per Demand & Energy Study updated with last year 2024 Biennial FIR4

## General Services

## Test Year Data

GS Units at  
Secondary

<b>GS Block 1 Stand Alone</b>													
GS-Secondary		1,016,301,915											
GS-Primary		103,251,245											
GS-Subtransmission		4,553,304											
GS-Transmission		673,760											
Total		1,124,780,225											
<b>GS Block 2 Stand Alone</b>													
GS-Secondary		1,058,777,687											
GS-Primary		120,505,452											
GS-Subtransmission		6,564,811											
GS-Transmission		269,240											
Total		1,216,517,400											
<b>GS Block 3 Stand Alone</b>													
GS-Secondary		204,383,254											
GS-Primary		35,405,457											
GS-Subtransmission		2,859,973											
GS-Transmission		-											
Total		242,648,714											

2,563,545,339

(1) test out GS

250530212

APPALACHIAN POWER COMPANY - VIRGINIA  
PUR-2025-00049  
A.6 RPS Owned Renewable Generation  
Time of Day Rate Design

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Line No.	Tariff Code	Tariff Description	(A)	(B)	(C)	(D) = (C) * 0.1	(E) = (C) - (D)	(F)	(G) = (F) + <sup>2</sup>	(H) = (F) - (G)	(I) = (D) / (G)	(J) = (E) / (H)	(O)= (I)*(URR)	(P)= (J)*(URR)	(Q)=(I)+(O)	(R)=(J)+(P)	(K)	(L)	(M) = (I) * (K)	(M) = (J) * (L)
			All Charges (For the Entire Class)	Off-Peak Revenue Requirement (10%)	On-Peak Revenue Requirement (90%)	Units @ Secondary Voltage Level	Off-Peak Units <sup>3</sup>	On-Peak Units	Secondary Rate (\$/kWh)						TOO Tariff Off-Peak Units	TOO Tariff On-Peak Units	Off-Peak Revenue	On-Peak Revenue		
			Dollars				Dollars	Energy	Energy	Off-Peak	On-Peak	Off-Peak	On-Peak	Off-Peak	On-Peak	KWh	KWh			
1	30	RS - TOD	\$ 11,999,050	\$ 1,199,905	\$ 10,799,418	6,207,448,806	3,828,765,086	2,438,004,719	\$ 0.00031	\$ 0.00443	\$ -	\$ -	\$ 0.00031	\$ 0.00443	1,828,346	995,233	\$ 566.79	\$ 4,409		
2	226	SGS - TOD	\$ 800,428	\$ 89,043	\$ 800,400	608,567,086	351,673,400	256,693,597	\$ 0.00026	\$ 0.00315	\$ -	\$ -	\$ 0.00026	\$ 0.00315	44,150	22,406	\$ 11.48	\$ 71		
3	229	GS-TOD Sec	\$ 3,234,508	\$ 323,451	\$ 2,911,057	2,640,412,246	1,474,034,260	1,165,477,986	\$ 0.00022	\$ 0.00250	\$ -	\$ -	\$ 0.00022	\$ 0.00250	17,822,971	11,795,645	\$ 3,921.05	\$ 29,480		
4	227	GS-TOD Pri							\$ 0.00021	\$ 0.00237	\$ -	\$ -	\$ 0.00021	\$ 0.00237	0	0	\$ -	\$ -		
5	337	LOS-TOD Sec (LOS)	\$ 3,234,508	\$ 323,451	\$ 2,911,057	2,640,412,246	1,474,034,260	1,165,477,986	\$ 0.00022	\$ 0.00250	\$ -	\$ -	\$ 0.00022	\$ 0.00250	14,414,260	9,726,171	\$ 3,171.14	\$ 24,313		
6	339	LOS-TOD Pri (LOS)							\$ 0.00021	\$ 0.00237	\$ -	\$ -	\$ 0.00021	\$ 0.00237	0	0	\$ -	\$ -		
7	Total of Line(1 thru 3 + 5)			\$ 19,367,798	\$ 1,936,780	\$ 17,431,018	12,198,841,382	7,130,927,136	5,028,314,246							34,109,717	22,538,365	\$ 7,470	\$ 58,281	

**Notes:**

Total GS-TOD Sec and GS-TOD Pri to calculate an overall rate.

<sup>1</sup> Company does not distinguish between secondary and primary for SGS class.

<sup>2</sup>

Tariff	Off-Peak Unit %
RS-TOD	65.00%
SGS-LMTOD	57.82%
GS-TOD	55.88%
LOS	55.00%

Source: Load Research, On- and Off-Peak kWh Study (Virginia Retail Test Year 2022)

<sup>3</sup> GS - TOD Primary Rate was developed by multiplying GS-TOD Secondary by the primary energy loss factor.

Rate	Primary		
	Going Level Factor	Under Recovery Factor	Total Factor
Off-Peak	\$ 0.00021	\$ -	\$ 0.00021
On-Peak	\$ 0.00237	\$ -	\$ 0.00237

<sup>4</sup> LOS - TOD Primary Rate was developed by multiplying LOS-TOD Secondary by the primary energy loss factors.

Rate	Primary		
	Going Level Factor	Under Recovery Factor	Total Factor
Off-Peak	\$ 0.00021	\$ -	\$ 0.00021
On-Peak	\$ 0.00237	\$ -	\$ 0.00237

**Under Recovery Ratio Calculation:**

Under Recovery Revenue Requirement	\$ -
Gong Level Revenue Requirement	\$ 19,955,183
Total Revenue Requirement	\$ 19,955,183
Under Recovery Ratio (URR)	0.00%

APPALACHIAN POWER COMPANY VIRGINIA  
PUR-2025-00049  
A.6 RPS Owned Renewable Generation  
Time of Day Billing Determinants

APCO Exhibit No. \_\_\_\_\_  
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Line No.	Tariff Code	Tariff Description	(A)	(B)	(C)	(D) = (A) * (C)	(E) = (B) * (C)	
			Billing Determinants 2024 Biennial Filing		Growth & Weather Adjusted Inclusive of OAD Billing Determinants			
			On-Peak	Off-Peak	Loss Factor <sup>1</sup>	Units @ Secondary Voltage Level		
1	30	RS-TOD	995,233	1,828,346	N/A	1.00000	995,233	1,828,346
2	225	SGS-LMTOD	22,406	44,150	N/A	1.00000	22,406	44,150
3	227	GS-TOD PRI	0	0	N/A	0.94939	0	0
4	229	GS-TOD SEC	11,795,545	17,822,971	N/A	1.00000	11,795,545	17,822,971
5	337	LGS-TOD SEC	9,725,171	14,414,250	110,220	1.00000	9,725,171	14,414,250
6	339	LGS-TOD PRI	0	0	0	0.94939	0	0
7	Total KWH (Line 1 - 6)		<u>22,538,355</u>	<u>34,109,717</u>			<u>22,538,355</u>	<u>34,109,717</u>

Notes

<sup>1</sup> Loss factor per 2024 Biennial 42C

## APPALACHIAN POWER COMPANY - VIRGINIA

PUR-2025-00049

A.6 RPS Owned Renewable Generation  
Standard Tariff

Tariff Sheets

APCO Exhibit No.\_\_\_\_\_

Witness: JNC

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## Appalachian Power Company-Renewables Capacity &amp; Energy-A.6

## Summary of Energy &amp; Demand Rates

	Different.	Energy Renewables-RAC A.6	Demand-Renewables-RAC A.6	Demand Renewables-RAC A.6 Off-Peak
Schedule	Rate	per kWh	per kW	per kW
Residential (011,012,013,014,015,019,020,051,054)		\$0.00192		
Residential – TOD or TOU (030,031,032,036)	On-Peak	\$0.00443		
	Off-Peak	\$0.00031		
SWS (222)		\$0.00305		
SGS - (231,233,234,213,281)		\$0.00148		
SGS - LMTOD (225,226)	On-Peak	\$0.00315		
	Off-Peak	\$0.00026		
GS-TOD Secondary (229,230)	On-Peak	\$0.00250		
	Off-Peak	\$0.00022		
GS-TOD Primary (227)	On-Peak	\$0.00237		
	Off-Peak	\$0.00021		
GS-Secondary (261)	Block 1	\$0.00082	\$0.14	\$0.00
	Block 2	\$0.00080		
	Block 3	\$0.00077		
GS-Primary (263)	Block 1	\$0.00078	\$0.14	\$0.00
	Block 2	\$0.00076		
	Block 3	\$0.00073		
GS-Subtransmission (265)	Block 1	\$0.00078	\$0.13	\$0.00
	Block 2	\$0.00076		
	Block 3	\$0.00073		
GS-Transmission (267)	Block 1	\$0.00076	\$0.13	\$0.00
	Block 2	\$0.00074		
	Block 3	\$0.00072		
LGS – TOD Secondary (337)	On-Peak	\$0.00250		
	Off-Peak	\$0.00022		
LGS – TOD Primary (339)	On-Peak	\$0.00237		
	Off-Peak	\$0.00021		
LPS - Secondary (302)		\$0.00000	\$0.47	\$0.05
LPS - Primary (306)		\$0.00000	\$0.45	\$0.05
LPS - Subtransmission (308) (309)		\$0.00000	\$0.45	\$0.05
LPS - Transmission (310)		\$0.00000	\$0.44	\$0.05
OL (093 + range)		\$0.00033		

## APPALACHIAN POWER COMPANY - VIRGINIA

PUR-2025-00049

A.6 RPS Owned Renewable Generation  
OAD Tariff Tariff Sheets

APCO Exhibit No. \_\_\_\_\_

Witness: JNC

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## Appalachian Power Company-Renewables Capacity &amp; Energy-A.6

## Summary of Energy &amp; Demand Rates

	Different.	Energy Renewables-RAC A.6	Demand-Renewables-RAC A.6	Demand Renewables-RAC A.6 Off-Peak
Schedule	Rate	per kWh	per kW	per kW
Residential (820)		\$0.00192		
SWS (890)		\$0.00305		
SGS (830, 831, 833)		\$0.00148		
GS – Secondary (870)	Block 1	\$0.00082		
	Block 2	\$0.00080	\$0.14	\$0.00
	Block 3	\$0.00077		
GS – Primary (871)	Block 1	\$0.00078		
	Block 2	\$0.00076	\$0.14	\$0.00
	Block 3	\$0.00073		
GS – Subtransmission (872)	Block 1	\$0.00078		
	Block 2	\$0.00076	\$0.13	\$0.00
	Block 3	\$0.00073		
GS – Transmission (873)	Block 1	\$0.00076		
	Block 2	\$0.00074	\$0.13	\$0.00
	Block 3	\$0.00072		
LPS – Secondary (860)		\$0.00000	\$0.47	\$0.05
LPS – Primary (861)		\$0.00000	\$0.45	\$0.05
LPS – Subtransmission (862)		\$0.00000	\$0.45	\$0.05
LPS – Transmission (863)		\$0.00000	\$0.44	\$0.05
OL (912 + range)		\$0.00033		

## Appalachian Power Company-Renewables Capacity &amp; Energy-A6

## Summary of Energy &amp; Demand Rates

Schedule	Differentiat.	Energy Renewables RAC A.6	Demand- Renewables-RAC A.6	Demand Renewables- RAC A.6 Off-Peak
	Rate	per kWh	per kW	per kW
SGS - (231F,233F,234F,213F,281F )			\$0.00	\$0.00
GS-Secondary (261F)	Block 1			
	Block 2		\$0.14	\$0.00
	Block 3			
GS-Primary(263F)	Block 1			
	Block 2		\$0.14	\$0.00
	Block 3			
GS-Subtransmission (265F)	Block 1			
	Block 2		\$0.13	\$0.00
	Block 3			
GS-Transmission (267F)	Block 1			
	Block 2		\$0.13	\$0.00
	Block 3			
LPS - Secondary (302F)			\$0.47	\$0.00
LPS - Primary (306F)			\$0.45	\$0.00
LPS - Subtransmission (308F) (309F)			\$0.45	\$0.00
LPS - Transmission (310F)			\$0.44	\$0.00

APPALACHIAN POWER COMPANY - VIRGINIA  
PUR-2025-00049  
A 6 RPS Owned Renewable Generation  
Lifetime Revenue Requirement

APCO Exhibit No. \_\_\_\_\_  
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Year	Amherst Project Life	Amherst Top Hat Project Life	Top Hat and Grover Hill Project Life	In \$000's									
				Top Hat	Grover Hill	TOTAL	RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	GENERAL SERVICE	LARGE POWER SERVICE	SANCTUARY WORSHIP SERVICE	OUTDOOR LIGHTING SERVICE	OL
RS	SGS	GS	LPS	SWS									
2023	Year 1	453	N/A	-	-	453	11,999	899	3,235	3,709	90	23	
2024	Year 2	388	N/A	-	-	388	10,268	771	2,773	3,180	77	20	
2025	Year 3	386	N/A	-	-	386	10,232	767	2,758	3,163	77	20	
2026	Year 4	362	Year 1	16,527	17,422	36,311	962,018	72,109	259,319	297,344	7,245	1,681	
2027	Year 5	340	Year 2	16,605	15,820	32,765	868,067	65,067	233,993	263,305	6,537	1,697	
2028	Year 6	337	Year 3	15,684	15,308	31,329	830,026	62,216	223,739	256,548	6,251	1,622	
2029	Year 7	339	Year 4	15,576	14,863	30,778	815,425	61,121	219,803	252,035	6,141	1,594	
2030	Year 8	330	Year 5	14,622	14,349	29,301	778,287	58,188	209,253	239,938	5,846	1,517	
2031	Year 9	305	Year 6	12,982	13,200	26,487	701,732	52,599	189,157	218,894	5,285	1,372	
2032	Year 10	296	Year 7	11,321	12,681	24,298	643,746	48,253	173,526	198,971	4,848	1,258	
2033	Year 11	491	Year 8	10,612	12,029	23,132	612,860	45,938	165,201	189,425	4,615	1,198	
2034	Year 12	482	Year 9	9,699	11,412	21,593	572,073	42,881	154,206	176,619	4,308	1,118	
2035	Year 13	472	Year 10	8,851	10,842	20,165	534,253	40,046	144,012	165,129	4,023	1,044	
2036	Year 14	463	Year 11	26,103	10,909	37,475	932,845	74,420	267,628	306,872	7,477	1,945	
2037	Year 15	461	Year 12	25,701	10,884	37,046	981,472	73,568	264,582	303,357	7,391	1,919	
2038	Year 16	449	Year 13	25,246	10,890	36,585	969,281	72,654	261,277	299,589	7,300	1,895	
2039	Year 17	440	Year 14	24,856	10,727	36,023	954,381	71,537	251,260	294,984	7,187	1,866	
2040	Year 18	431	Year 15	24,551	10,659	35,641	944,249	70,778	254,529	291,852	7,111	1,846	
2041	Year 19	421	Year 16	24,049	10,671	35,141	931,015	69,786	250,961	287,762	7,011	1,820	
2042	Year 20	413	Year 17	23,628	10,836	34,875	923,963	69,257	249,061	285,582	6,958	1,806	
2043	Year 21	403	Year 18	23,243	10,959	34,605	916,602	68,720	247,130	283,369	6,904	1,792	
2044	Year 22	393	Year 19	22,901	11,043	34,337	909,721	68,189	245,222	281,180	6,851	1,778	
2045	Year 23	384	Year 20	22,731	10,885	34,100	903,437	67,718	243,528	279,238	6,804	1,766	
2046	Year 24	375	Year 21	22,358	13,941	36,674	971,626	72,830	261,909	300,314	7,317	1,699	
2047	Year 25	367	Year 22	22,054	13,756	36,177	958,452	71,843	258,360	296,245	7,218	1,674	
2048	Year 26	357	Year 23	21,766	13,781	35,904	951,218	71,300	256,407	294,006	7,163	1,659	
2049	Year 27	348	Year 24	21,580	13,686	35,614	943,533	70,724	254,336	291,631	7,106	1,644	
2050	Year 28	339	Year 25	21,391	13,691	35,321	935,769	70,142	252,243	289,231	7,047	1,629	
2051	Year 29	330	Year 26	21,152	13,265	34,747	920,561	69,092	248,143	284,530	6,933	1,799	
2052	Year 30	322	Year 27	21,063	13,047	34,432	912,226	68,377	245,897	281,954	6,870	1,783	
2053	Year 31	312	Year 28	21,036	12,913	34,261	907,686	68,037	244,673	280,551	6,836	1,774	
2054	Year 32	303	Year 29	21,086	12,755	34,144	904,568	67,805	243,838	279,594	6,812	1,768	
2055	Year 33	294	Year 30	21,317	12,617	34,228	906,817	67,972	244,439	280,282	6,829	1,773	
2056	Year 34	285	Year 33	-	-	285	7,548	566	2,035	2,333	57	15	
2057	Year 35	276	Year 34	-	-	276	7,315	548	1,972	2,261	55	14	