APCo Exhibit No. ____
Witness: JAS

DIRECT TESTIMONY OF
JOHN A. STEVENS
FOR APPALACHIAN POWER COMPANY
IN VIRGINIA S.C.C. CASE NO. PUR-2025-00049

APCo Exhibit No. ____
Witness: JAS

SUMMARY OF DIRECT TESTIMONY OF

JOHN A. STEVENS

In my direct testimony, I

- Provide an overview of this Petition and the 2025 RPS Plan;
- Provide an update on the Company's previously approved VCEA related projects;
- Provide a summary of the proposed RPS revenue requirement and cost recovery;
- Describe the renewable resources the Company is seeking approval for in this filing;
- Explain the implications of the Cost/Benefit sharing between the Virginia and West Virginia jurisdictions;
- Demonstrate that the Company complied with the Commission's reporting protocols and directives;
- Demonstrate that the Company complied with the RPS requirement set forth in Subsection C of the VCEA for 2024 through the retirement of RECs in GATS; and
- Discuss the Company's progress towards meeting the requirements in Subsections D and E of the VCEA.

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DIRECT TESTIMONY OF
JOHN A. STEVENS
FOR APPALACHIAN POWER COMPANY
IN VIRGINIA S.C.C. CASE NO. PUR-2025-00049

Q. PLEASE STATE YOUR NAME, BUSINESS ADDRESS, AND POSITION.

A. My name is John A. Stevens. My business address is Three James Center, Suite 1100, 1051 East Cary Street, Richmond, Virginia 23219. I am employed by APCo as a Regulatory Consultant Staff – VA/TN.

Q. PLEASE SUMMARIZE YOUR EDUCATIONAL BACKGROUND AND BUSINESS EXPERIENCE.

A. I earned a Bachelor of Science degree in Civil Engineering from the Virginia Military Institute in 1986, and a Master of Science degree in Business Administration from Boston University in 1991. I served as an officer in the U.S. Marine Corps from 1986-1991. I have worked on utility regulatory issues since late 1991, primarily with the Commission, where I held positions in the Division of Public Utility Regulation. I retired from the Commission as a Deputy Director in 2022. In October 2022, I accepted my current position with APCo. I have experience with general rate increase applications, cost of service studies, rate design, rate adjustment clauses, special contract rates, integrated resource plans, renewable energy portfolio plans, prudency reviews, generation and service territory certificates of public convenience and necessity, and demand-side management programs.

Q. HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY AS A WITNESS *BEFORE ANY REGULATORY COMMISSION?*

A. Yes. I have presented testimony in numerous proceedings before the Commission. Most recently, I filed testimony on behalf of APCo in Case Nos. PUR-2022-00150, PUR-2023-00001, PUR-2023-00156, PUR-2023-00212, PUR-2024-00020, PUR-2024-00129, PUR-2024-00168, and PUR-2024-00195. I have also filed testimony on behalf of Kingsport Power Company, in the state of Tennessee.

Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS PROCEEDING?

A. The purpose of my testimony is to:

- Provide an overview of this petition and the 2025 RPS Plan;
- Provide an update on the Company's previously approved VCEA related projects;
- Provide a summary of the proposed RPS revenue requirement and cost recovery;
- Describe the renewable resources the Company is seeking approval for in this filing;
- Explain the implications of the Cost/Benefit sharing between the Virginia and West Virginia jurisdictions;
- Demonstrate that the Company complied with the Commission's reporting protocols and directives;
- Demonstrate that the Company complied with the RPS requirement set forth in Subsection C of the VCEA for 2024 through the retirement of RECs in GATS; and
- Discuss the Company's progress towards meeting the requirements in Subsections D and E of the VCEA.

Q. ARE YOU SPONSORING ANY EXHIBITS?

A. Yes. I sponsor:

- APCo Exhibit No. __ (JAS) Schedule 1 RPS Compliance Report;
- APCo Exhibit No. __ (JAS) Schedule 2 GATS Screenshot 1;
- APCo Exhibit No. __ (JAS) Schedule 3 GATS Screenshot 2;
- APCo Exhibit No. __ (JAS) Schedule 4 Accelerated Renewable Energy Buyers Information; and

- APCo Exhibit No. __ (JAS) Schedule 5 Virginia SCC Tariff No. 27 VCEA-NBP (Virginia Clean Economy Act – Non-Bypassable) Riders to incorporate the Company's proposed rate adjustment clauses effective March 1, 2026.

I. OVERVIEW OF THIS PETITION AND THE 2025 RPS PLAN

Q. PLEASE SUMMARIZE THE COMPANY'S 2025 RPS PLAN.

A. As required by the VCEA, APCo is filing its fifth RPS Plan to meet the requirements in the VCEA. The 2025 RPS Plan includes multiple scenarios to help inform future requests for proposals for renewable and storage resources. All scenarios meet both the RPS goals (Subsection C), Virginia-domiciled renewable generator requirements (Subsection D), and the energy storage requirements (Subsection E). This year's plan continues to support a balanced and diverse portfolio of resources consisting of solar, wind, SMRs, and market REC purchases. Company witness Martinez sponsors the Company's 2025 RPS Plan. Lastly, the Company is seeking cost recovery for previously approved and presently proposed VCEA renewable resources that are in service or will go in service during the rate year.

II. UPDATE ON PREVIOUSLY APPROVED VCEA RELATED PROJECTS

Q. PLEASE UPDATE THE COMMISSION ON THE PROJECTS THAT WERE APPROVED IN THE COMPANY'S 2023 VCEA PROCEEDING AND 2024 PPA PRUDENCY REVIEW.

A. The Commission approved seven solar PPAs and one wind PSA in the Company's 2023 VCEA Proceeding. Except for the Horsepen Branch solar PPA, which has been terminated, all these projects are continuing as planned. The Shifting Sands and Green Acres solar projects are currently operational, and two others, River Trail and Sunny

Rock, are projected to be operational later this year. A detailed update on the development status of these projects is provided in Figure 1 below:

Figure 1: 2023 VCEA Proceeding Projects Development Status Update

Facility	Type	Developer	Size	Term	Location	Target COD
River Trail	Solar PPA	Energix	20 MW	20 yr.	VA	5/1/2025
Shifting Sands	Solar PPA	Energix	19 MW	20 yr.	VA	Operational
Sunny Rock	Solar PPA	Energix	20 MW	20 yr.	VA	5/1/2025
Mountain Brook	Solar PPA	Energix	20 MW	20 yr.	VA	1/1/2027
Green Acres	Solar PPA	Madison	5 MW	30 yr.	VA	Operational
Pleasant Prairie	Solar PPA	Invenergy	100 MW	20 yr.	OH	3/1/2027
Horsepen Branch	Solar PPA	Clenera	20 MW	30 yr.	VA	Terminated
Grover Hill	Wind PSA	Lotus	143 MW	-	OH	2/1/2026

Additionally, the Commission approved three solar PPAs in the Company's 2024 PPA Prudency Review. Of these, two of the projects have been terminated, County Line and 7 Bridges. The third project, Elliot Solar, is continuing as planned. A detailed summary of these projects is provided in Figure 2 below:

Figure 2: 2024 PPA Prudency Review Projects Development Status Update

Facility	Type	Developer	Size	Term	Location	Target COD
Elliot	Solar PPA	Inovateus	5 MW	20 yr.	VA	12/1/2025
County Line	Solar PPA	CPV	150 MW	20 yr.	VA	Terminated
7 Bridges	Solar PPA	Longroad	80 MW	30 yr.	VA	Terminated

Q. WHAT RESOURCES WILL THE COMPANY USE TO MEET THE RPS REQUIREMENTS THROUGH THE END OF THE RATE YEAR?

A. The Company will use its Virginia retail share of its base rate hydro assets, the Legacy Wind PPAs that it used to comply with the voluntary RPS (Camp Grove, Fowler Ridge, and Bluff Point), two solar facilities contracted through its Cogen SPP tariff schedule

(Leatherwood and Wytheville), the contracted Depot, Shifting Sands, and Green Acres solar facilities, the Company owned Amherst solar facility, and RECs from the falling water portion of the Company's SML Facility. The Company will also be purchasing market RECs to meet some of its requirements.

Additionally, as shown above, three of the solar PPAs approved in the 2023 VCEA Proceeding and the 2024 PPA Prudency Review (River Trail, Sunny Rock, and Elliot) are projected to come on-line later in 2025. As such, these facilities are likely to be available to help meet RPS requirements during the rate year. The Top Hat wind facility, the cost recovery for which the Commission approved in the 2022 VCEA Proceeding, is also scheduled to be operational later in 2025, and the Grover Hill wind facility, the cost recovery for which the Commission approved in the 2023 VCEA Proceeding, is scheduled to be operational in early 2026. As such, these facilities will likely be available to help meet RPS requirements during the Rate Year. Lastly, the Mountain Brook solar PPA approved in the 2023 VCEA Proceeding is projected to be operational at the end of the Rate Year and available to help meet RPS requirements. Based on the foregoing, the Company is also seeking approval to recover the costs associated with this project in this case.

The other solar PPA (Pleasant Prairie) approved in the 2023 VCEA Proceeding, and the Glade-Whitetop BESS approved in the 2024 Battery Energy Storage Proceeding are not projected to come on-line until sometime later in 2027. Therefore, the Company is not seeking approval to recover costs associated with these projects in this case.

Q. ARE ALL OF THE CURRENTLY APPROVED AND PROPOSED VCEA RESOURCES DISCUSSED IN YOUR TESTIMONY NECESSARY TO MEET THE RPS REQUIREMENTS IN SUBSECTION C OF THE VCEA?

A. Yes. The Company's current renewable portfolio is projected to generate, on a Virginia retail basis (which includes the local jurisdictions (the Public Authority and Commonwealth) subject to the VCEA), approximately 1.2 million VCEA-eligible RECs annually. With the addition of the renewable resources approved in the Company's 2022 VCEA Proceeding, 2023 VCEA Proceeding, and the 2024 Prudency Review, the Company's renewable portfolio is projected to generate approximately 1.9 million eligible RECs annually by 2027. The Company estimates its 2027 Virginia retail REC requirement to be approximately 2.8 million eligible RECs, resulting in a shortfall of approximately 0.9 million RECs. The resources proposed in this filing are projected to generate an additional 0.8 million RECs annually by 2028. A more comprehensive projection of the Company's expected RPS Program positions versus the RPS Program retirement requirements for each year through 2031 is shown in Figure 2 of the Company's 2025 RPS Plan.

Q. HOW WILL THE COMPANY COVER REC SHORTFALLS?

A. As previously discussed, the Company will need to rely on the REC market to cover any shortfalls in fulfilling its REC retirement requirements.

Q. IS THE COMPANY SEEKING TO RECOVER REC COSTS IN THIS FILING?

A. Yes. The Company is seeking to recover the costs of RECs purchased in the PJM REC market to meet RPS requirements during the rate year. Company witness Cost calculates the number and forecasted cost of those REC purchases.

III. REVENUE REQUIREMENT AND COST RECOVERY

Q. PLEASE PROVIDE A BRIEF SUMMARY OF THE PROPOSED REVENUE REQUIREMENT, REVENUE APPORTIONMENT AND RATES.

A. In this filing, the Company is seeking approval of a total annual revenue requirement of $68,933,091 for the Rate Year. The proposed revenue requirement consists of: (i) an under-recovery of costs through January 2025 of $7,938,940, which is sponsored by Company witness Ciborek; (ii) an expected Bridge Period under-recovery balance of $6,127,330 for the period of February 2025 through February 2026, sponsored by Company witness Cost; and (iii) the Rate Year revenue requirement of $54,866,821, which is also sponsored by Company witness Cost. The requested revenue requirement will result in an increase for a residential customer using 1,000 kWh of approximately $4.36 a month, or 2.5%.

The revenue apportionment and rates proposed in this filing are consistent with the rate framework and cost allocation methodology approved by the Commission in the Company's RPS Cost Allocation Proceeding and later modified by the Commission in the 2024 VCEA Proceeding. The Company is proposing that the rates proposed in this case go into effect on March 1, 2026.[1] Company witness Cost sponsors the forecasted costs and rate impact calculations.

[1] The Company has extended the effective date of the Rate Year to conform with Virginia HB2621 (2025 Va. Acts, ch. 497), which becomes effective July 1, 2025.

IV. THE VCEA RESOURCES PROPOSED IN THE PETITION

Q. PLEASE PROVIDE A BRIEF DESCRIPTION OF THE LIVINGSTON WIND FACILITY THAT THE COMPANY IS PROPOSING TO PURCHASE THROUGH A PSA.

A. The Company is seeking approval to recover the costs associated with the purchase of the Livingston Wind facility (Livingston). Livingston is a 261 MW wind facility located in Livingston County, Illinois that is being developed by EDF Renewables. Livingston will interconnect to PJM via the AEP transmission system in Illinois. The facility will be engineered to have a design life of 30 years and has a target COD of December 2028. The Livingston project is discussed in more detail in the testimony on Company witness Grisales.

Q. PLEASE PROVIDE A BRIEF DESCRIPTION OF THE COLLIER SOLAR PPA FOR WHICH THE COMPANY IS SEEKING A DETERMINATION OF PRUDENCY IN THIS PROCEEDING.

A. The Company is seeking approval to recover the costs associated with the Collier Solar PPA (Collier). Collier is a 7.5 MW solar facility located in Wise County, Virginia being developed by Holocene Clean Energy. This resource will function as a load reducer located within APCo's Virginia distribution system. As such, it will not engage directly with the PJM market, but it will help reduce the Company's specific PJM RTO obligations and associated costs, ultimately benefiting customers.

Q. PLEASE PROVIDE A BRIEF DESCRIPTION OF THE WYTHE BATTERY ENERGY STORAGE SYSTEM PROJECT.

A. The Company is seeking approval for a CPCN to acquire, construct, and operate the Wythe BESS project. The Wythe BESS project will be located in Wythe County, Virginia and have nameplate rating of 52.2 MW (capacity) and 208.8 MWh (energy). The project will be engineered to have a design life of 20 years and has a planned COD of June 15, 2027. Company witness Grisales sponsors this proposal. Additionally, Company witness Hagerman provides a high-level overview of BESS technology and explains how BESS can participate in the PJM Energy and Ancillaries Markets.

V. COST/BENEFIT ALLOCATION BETWEEN VIRGINIA AND WEST VIRGINIA

Q. IF THE WVPSC DENIES COST RECOVERY OF A PROJECT APPROVED BY THIS COMMISSION FOR RPS COMPLIANCE, WILL THE ASSOCIATED ALLOCATION OF COST AND PRODUCTION OF THE FACILITIES BE ASSIGNED TO VIRGINIA RETAIL CUSTOMERS?

A. If a project is approved in Virginia for compliance with the RPS Program requirements but denied in West Virginia, the West Virginia share of the costs and benefits of the proposed facilities will be assigned to customers in Virginia, consistent with the provision for cost recovery for utilities that operate in multiple jurisdictions in Subsection F of the VCEA. If the WVPSC does not approve a project, the Virginia retail jurisdictional revenue requirement associated with that project will be higher to reflect the fact that Virginia will be responsible for 100 percent of the costs of the projects. At the same time, there will be a corresponding reduced need to purchase market RECs and market energy, which will partially offset these additional costs, all things considered.

Q. HAS THE WVPSC APPROVED WEST VIRGINIA'S JURISDICTIONAL SHARE OF THE PROJECTS APPROVED BY THE SCC IN THE COMPANY'S PREVIOUS VCEA RELATED PROCEEDINGS?

A. Yes. In Case Nos. 22-0044-E-PC, 23-0328-E-PC, and 24-0274-E-PC, the WVPSC approved West Virginia's jurisdictional share of the renewable projects that were the subject of the Company's 2022 VCEA Proceeding, 2023 VCEA Proceeding, and 2024 PPA Prudency Review,[2] respectively.

Q. IS THE COMPANY SEEKING APPROVAL AND COST RECOVERY FOR THE VCEA RESOURCES PROPOSED IN THIS PETITION IN ITS WEST VIRGINIA JURISDICTION?

A. The Company will file for approval from the WVPSC later this year. The Company will likely have a decision from the WVPSC regarding these projects before it requests cost recovery from the Commission, which will most likely be in its 2026 and 2027 VCEA filings. The Company will calculate the requested revenue requirement based on the WVPSC's decision.

VI. COMPLIANCE WITH THE COMMISSION'S REPORTING PROTOCOLS

Q. PLEASE DISCUSS THE COMPLIANCE REPORTING PROTOCOLS APPROVED BY THE COMMISSION IN THE 2022 AND 2023 VCEA ORDERS.

A. In its 2022 VCEA Proceeding, the Company proposed to report compliance annually during its required VCEA filing. Specifically, the Company proposed to include actual

[2] On October 3, 2024, the Company filed a motion to withdraw the 7 Bridges Solar PPA from consideration in Case No. 24-0274-E-PC. On October 10, 2024, the WVPSC entered an order granting the motion to withdraw. As noted above, this project was terminated after the issuance of the 2024 PPA Prudency Order.

consumption of retail customers, adjusted for ARBs' usage and the required number of RECs. APCo proposed to use "billed and accrued" consumption as the basis for determining the requirement. Additionally, the Company specified that RECs will be either generated by the Company's owned or contracted resources or purchased from eligible resources. The RECs associated with the falling water production of the SML Facility would be voluntarily retired, while the eligible RECs will be retired within the PJM GATS. Regarding the requirements in Subsection D, the Company proposed to use nameplate capacity. For Subsection E, the Company proposed to use nameplate capacity with a duration of 4 hours. The Commission found the compliance protocols proposed by APCo to be reasonable for purposes of the first upcoming certification and directed APCo to file its compliance report with its filing.

The Company's filing in the 2023 VCEA Proceeding adhered to the compliance reporting protocols set forth above. However, upon further review of the requirements of the VCEA, the Company determined that pursuant to Subsection H, it also needed to remove the electric load of customers who elected pursuant to subdivision A 3 of § 56-577 to purchase electric energy from a competitive service provider prior to February 1, 2019, from its RPS Program requirements. Thus, APCo also removed the electric load of these customers from its RPS Program requirements.

In the 2023 VCEA Order, the Commission accepted this adjustment and ordered that subsequent RPS filings must continue to comply with all prior Commission directives, as ordered in previous RPS proceedings, in addition to the new requirements set forth therein. The new requirements set forth in the 2023 VCEA Order did not apply to the compliance reporting protocols.

Q. PLEASE DISCUSS THE SML FACILITY AND ITS RECENT DESIGNATION AS A MULTI-FUEL HYDRO FACILITY.

A. The SML Facility previously held a single-fuel designation within PJM-EIS GATS, which meant that it was not eligible to be a renewable resource under PJM's rules. In the 2022 VCEA Order, the Commission clarified that RECs from the falling water portion of the SML Facility could be used for VCEA compliance.[3] Under this arrangement, the Company manually calculated and recorded the RECs from the falling water portion of the SML Facility in a separate PJM account annually.

In the 2023 VCEA Proceeding, the Staff recommended that the Company request registration from PJM-EIS to obtain a multi-fuel designation within GATS for the SML Facility. The Staff noted that the SML Facility could then be considered a multi-fuel hydro facility with a primary fuel assignment of pump storage and a secondary fuel assignment of run-of-river, which would allow the Company to perform a monthly assignment of the RECs associated with the SML Facility within PJM-EIS GATS.

Shortly thereafter, the Company began the process of requesting a multi-fuel designation from PJM-EIS. The process involved numerous e-mail exchanges with PJM-EIS over many months explaining the Company's request and clarifying why the new designation was necessary. On March 6, 2024, the Company received notification from PJM-EIS that its request had been granted and that the SML Facility had received a multi-fuel designation. As such, effective February 1, 2024, the Company has been retiring the RECs generated at the SML Facility within the PJM-EIS GATS monthly.

[3] 2022 VCEA Order at 7.

Q. PLEASE DISCUSS THE RPS PROGRAM REQUIREMENT AND REC REPORTING PROTOCOLS APPROVED BY THE COMMISSION IN THE 2024 VCEA ORDER.

A. In the 2024 VCEA Order, the Commission directed the Company to, among other things, use the FERC Form 1 data to calculate its annual RPS obligation, including the calculation of the statutory nuclear offset percentage to two decimal places. Additionally, the Commission directed the Company to: (i) adopt Staff's methodology for calculating its Total RPS Program Requirement; (ii) once the issue regarding the total electric energy calculation is resolved in the REC Treatment Proceeding, APCo should, using the Staff's methodology, submit to Staff directly corrected calculations for the Company's 2021, 2022, and 2023 Compliance Periods; and upon Staff's review and agreement to these corrected calculations, the Company shall submit the request to the PJM-EIS, GATS Administrator to correct the information reported for the applicable compliance periods; and (iii) use Staff's methodology for future RPS Compliance filings.

Q. HAS THE COMPANY COMPLIED WITH THESE DIRECTIVES?

A. Yes. The Company has used the FERC Form 1 data to calculate its annual RPS obligation. The Company notes that it doesn't currently have any nuclear generation. Thus, the calculation of the nuclear offset percentage is not applicable. Additionally, the Company adopted the Staff's methodology for calculating its RPS Program Requirement and has used it in this filing. As of the date of this filing, the issue in the REC Treatment Proceeding regarding the total electric energy calculation is still unresolved. Once the issue has been resolved, the Company will, using the Staff's methodology, directly submit to Staff corrected calculations for the Company's 2021, 2022, and 2023

Compliance Periods. Upon Staff's review and agreement to these corrected calculations, the Company shall submit a request to the GATS Administrator for implementation.

VII. COMPLIANCE WITH THE 2024 RPS REQUIREMENT

Q. DID THE COMPANY MEET THE RPS REQUIREMENT FOR 2024 ESTABLISHED IN SUBSECTION C OF THE VCEA?

A. Yes. The RPS requirement for APCo for 2024 was to procure and retire RECs from RPS eligible resources for ten percent of the total electric energy sold in 2023.[4] The Company complied with this requirement through the retirement of RECs in the PJM GATS. In addition, as discussed above, the RECs produced in January 2024 from the falling water portion of the Company's SML Facility were not eligible to be counted within the PJM GATS but were approved for compliance by the Commission in the 2022 VCEA Order. These RECs were retired within the GATS account Reserved Certificate Transactions – VIRGINIA – Environmental Report on an annual basis.

Q. DID THE COMPANY FILE A COMPLIANCE REPORT WITH ITS RPS PLAN IN THIS CASE?

A. Yes. The Company's compliance report is provided as APCo Exhibit No.__ (JAS) Schedule 1 of my testimony. It is also summarized below for convenience. The Company calculated its annual RPS Program requirement for compliance year 2024 consistent with the directives set forth in Va. Code § 56-585.5 and previous VCEA Orders. Specifically, the Company started with the total electric energy sold in the previous year (2023) as reported on its 2023 FERC Form 1, subtracted its exempt

[4] Va. Code § 56-585.5 C.

customer load for that year, and multiplied the difference by the applicable annual percentage requirement for the compliance year (10%). The Company did not have any nuclear output in 2023. Figure 3 below shows the components of this calculation and the resulting RPS Program requirement.

Figure 3: 2024 RPS Program Requirement

Line	Description	Compliance Year
		2024
1	Total Retail Sales in the previous calendar year (MWh)	14,041,400
2	Subtract Nuclear Output (MWh)	0
3	Subtract Exempt Customer Load (MWh)*	272,524
4	RPS Applicable Total Electric Energy (MWh)	13,768,876
5	Annual Percentage Requirement	10%
6	RPS Program Requirements (RECs) for compliance year	1,376,888

*The exempt customer load represents load from customers that elected pursuant to subdivision A 3 of § 56-577 to purchase electric energy from a competitive service provider prior to February 1, 2019.

To comply with the RPS Program goals, the Company retired a total of 1,376,888 RECs in 2024. Specifically, 1,361,422 RECs were retired in a GATS RPS Compliance subaccount and 15,466 RECs were retired in the SML GATS Reserved Certificate Transaction Subaccount. Screenshots of these PJM-EIS GATS accounts are included with this testimony as APCo Exhibit No.__ (JAS) Schedule 3 and APCo Exhibit No.__ (JAS) Schedule 4, respectively.

The Company currently has approximately 1,400,000 RECs in its REC Bank. The Virginia retail share of APCo's VCEA eligible renewable production in 2024, less SML production, was 748,035 RECs. The Company did not need to pay any deficiency payments for compliance as set forth in the VCEA.

Q. IS THE COMPANY AWARE OF ANY ARBS IN ITS SERVICE TERRITORY?

A. As shown on APCo Exhibit No. __ (JAS) Schedule 2, although the Company has identified some customers that could qualify as accelerated renewable energy buyers, the Company does not have any customers certified as ARBs as of the date of this filing.

Q. DID THE COMPANY COUNT THE RECS RETIRED ON BEHALF OF THE RIDER WWS AND RIDER REC CUSTOMERS TOWARD MEETING ITS 2024 RPS PROGRAM REQUIREMENTS, OR REMOVE THEIR LOAD FROM THE CALCULATION OF TOTAL ELECTRIC ENERGY IN THIS FILING?

A. No, it did not. In the 2023 VCEA Proceeding, two alternative proposals were presented relating to the proper calculation of total electric energy for the prior compliance year. The first proposal was to count the RECs from Rider WWS and Rider REC towards APCo's RPS Program compliance, and the second proposal was to remove the 100 percent renewable customers' load from the calculation of total electric energy, thereby reducing the number of RECs required for RPS compliance. In its 2023 VCEA Order, the Commission found that the issue warranted additional consideration and directed APCo and Dominion to make a filing addressing these issues and presenting specific proposals for approval, including any proposed mechanism for netting the benefits of such RECs.

On January 16, 2024, APCo and Dominion submitted petitions addressing the proposed treatment of RECs associated with each utility's renewable utility and shopping customers. In its petition, APCo proposed that the Commission exclude the load associated with the renewable utility and shopping customers from the calculation of its annual RPS Program requirement, thereby allowing these customers to bypass VCEA

compliance costs, if the Commission finds that approach to be permissible under current law. This matter, which is colloquially referred to as the REC Treatment Proceeding, was docketed as Case No. PUR-2024-00010 and, as previously discussed, is currently pending before the Commission.

As presently no decision has been rendered on this matter, the Company treated the Rider WWS and Rider REC customers' RECs and load the same way in this filing as it did in the 2023 VCEA Proceeding. Specifically, the Company has not counted RECs that have been retired on behalf of these riders toward meeting its RPS Program requirement in this filing. Nor has the Company excluded the load associated with these customers from the calculation of its 2023 RPS Program requirement. Nonetheless, as previously discussed in relation to the Company's 2021, 2022, and 2023 Compliance Periods, once the issue has been resolved the Company will, using the Staff's methodology, also submit to Staff directly a corrected calculation for the Company's 2024 Compliance Period. Upon Staff's review and agreement to this corrected calculation, the Company shall submit a request to the GATS Administrator for implementation.

VII. COMPLIANCE WITH THE REQUIREMENTS OF SUBSECTIONS D AND E

Q. HOW IS THE COMPANY PROGRESSING TOWARD MEETING THE REQUIREMENTS OF SUBSECTION D OF THE VCEA?

A. Subsection D requires APCo to petition the Commission for necessary approvals to construct, acquire, or enter into agreements to purchase the energy, capacity, and environmental attributes of 600 megawatts of generating capacity located in the Commonwealth using energy derived from sunlight or onshore wind by December 31,

2030. This subsection also sets forth interim requirements of APCo to petition the Commission for necessary approvals to construct, acquire, or enter into agreements to purchase the energy, capacity, and environmental attributes of 200 and 400 megawatts of generating capacity located in the Commonwealth using energy derived from sunlight or onshore wind by December 31, 2023, and December 31, 2027, respectively. Of that, 65 percent must be Company-owned projects.

With this Petition, the Company will have presented the Commission for approximately 155 MW of owned generation and approximately 471 MW of PPA generation that meets the criteria of Subsection D. A summary of the Company's petitions is set forth below:

- 154.875 MW of solar in Virginia to be owned by APCo (Firefly and Amherst) in 2021 and 2022;
- 144 MW of Virginia PPAs (Horsepen, Dogwood, Sun Ridge, Depot, Wytheville, and Leatherwood) in 2022;
- 84 MW of Virginia PPAs (River Trail, Shifting Sands, Sunny Rock, Mountain Brook, and Green Acres) in 2023;
- 235 MW of Virginia PPAs (Elliot, County Line, and 7 Bridges) in 2024; and
- 7.5 MW of Virginia PPAs for which the Company is seeking approval in this Petition.

Q. HOW IS THE COMPANY PROGRESSING TOWARD MEETING THE ENERGY STORAGE REQUIREMENTS FOUND IN SUBSECTION E OF THE VCEA AND 20 VAC 5-335 OF THE VIRGINIA ADMINISTRATIVE CODE?

A. The first interim target set forth in 20 VAC 5-335 of the Virginia Administrative Code requires that the Company petition the Commission for approval to construct or acquire 25 MW of energy storage by year-end 2025, with at least 35% of that amount being

owned by a person other than the utility or purchased by the utility from a party other than the utility.

On October 21, 2024, in the 2024 BESS Order, APCo received approval to construct and operate a 7.5 MW BESS project along its Glade-Whitetop distribution circuit. Additionally, as discussed earlier in my testimony, the Company is seeking approval to recover the costs associated with the purchase of the Wythe BESS projects in this proceeding. The Wythe energy storage project will be in Wythe County, Virginia and have nameplate rating of 52.2 MW (capacity) and 208.8 MWh (energy). This project is discussed in more detail in the testimony of Company witness Grisales.

Lastly, 20 VAC 5-335-30 of the Virginia Administrative Code sets forth two additional energy storage deployment requirements for APCo. Specifically: (i) by December 31, 2030, APCo must petition the Commission for approval to construct or acquire an additional 125 MW of energy storage for a total of 150 MW; and (ii) by December 31, 2035, APCo must petition the Commission for approval to construct or acquire an additional 250 MW of energy storage for a total of 400 MW. The Company will continue to pursue approvals for additional energy storage projects until it has fully complied with the energy storage requirements.

Q. DOES THE COMPANY OFFER AN INCENTIVE FOR BEHIND THE METER STORAGE?

A. Yes. A customer who enrolls in Optional Rider DRS (Demand Response Service) could satisfy or supplement their demand reductions using energy storage. The Company may seek to expand this option in the future. The automation of the process to properly notify and compensate participants is the main barrier to a wider rollout. Until that is complete,

customers, particularly residential, can enroll in the Company's Smart Time of Day or Smart Demand rate schedules and receive discounts by timing the charging and discharging of their storage resources to coincide with off-peak and on-peak periods.

Q. DOES THE GTSA REQUIRE APCO TO CONSTRUCT OR ACQUIRE 200 MW OF SOLAR IN THE COMMONWEALTH BY 2028?

A. Yes. The twenty-first enactment clause of the 2018 GTSA requires that APCo construct or acquire not less than 200 MW of solar sited in the Commonwealth by July 1, 2028, subject to Commission approval. In its 2022 VCEA Proceeding the Company proposed and received approval to acquire the Firefly Solar project (150 MW), which was to be located in Pittsylvania County, Virginia but was subsequently terminated by the seller. Additionally, the Company proposed, and received approval to acquire the Amherst Solar Facility (4.875 MW) in Amherst County, Virginia. The Amherst Solar Facility was fully in-service as of October 4, 2023. The Company continues to pursue other competitive acquisition opportunities to fulfill this requirement.

Q. ARE YOU SPONSORING THE VCEA-NBP RIDERS WITH RATE ADJUSTMENT CLAUSES CONSISTENT WITH THE COMPANY'S PROPOSAL IN THIS CASE?

A. Yes, APCo Exhibit No. __ (JAS) Schedule 3 provides both a redline and clean version of the rate adjustment clauses that would go into effect December 1, 2024.

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

A. Yes.

Appalachian Power Company
Case No. PUR-2024-00020

2024 RPS Compliance Report

Line	Description	Compliance Year
		2024
1	Total Retail Sales in the previous calendar year (MWh)	14,041,400
2	Subtract Nuclear Output (MWh)	0
3	Subtract Exempt Customer Load (MWh)*	272,524
4	RPS Applicable Total Electric Energy (MWh)	13,768,876
5	Annual Percentage Requirement	10%
6	RPS Program Requirements (RECs) for compliance year	1,376,888

*The exempt customer load represents load from customers that elected pursuant to subdivision A 3 of § 56-577 to purchase electric energy from a competitive service provider prior to February 1, 2019.

To comply with the RPS Program requirements, the Company retired 1,376,888 RECs in 2024. Specifically, 1,361,422 RECs were retired in a GATS RPS Compliance subaccount and 15,466 RECs were retired in the SML GATS Reserved Certificate Transaction Subaccount.

The Company currently has approximately 1,400,000 RECs in its REC Bank. The Virginia retail share of APCo's VCEA eligible renewable production in 2024, less SML production, was 748,035 RECs. The Company did not need to pay any deficiency payments for compliance as set forth in the VCEA.

GATS 2024 RPS Compliance subaccount showing 1,361,422 RECs retired.

pjm EIS Generation Attribute Tracking System

Appalachian Power Company (AEP Generation)
RegulatedRenewsAPCO

Accounts | Assets | Certificates | Obligations | Reports | Training

Active | CEPS | Bulletin Board | Reserved | Subaccount

Reserved Certificates for current trading period of 2025

Report Parameters

Reason Code: (RPS) - Used by the Account Holder for compliance with a state Renewable Portfolio Standard — Go

Results — Reset | Show Field Chooser

Note: Click on a heading label to sort the data.

Create Filter

Drag a column header here to group by that column

Unit ID	Facility Name	Fuel Type	Loc of Generator	Month of Generation	Certificate Serial Numbers	Qty	REC Create	Previous Owner	Price	Reason Code	Billable State	Period	Retail LSE Subaccount	Reserved Price	New Jersey	NJ State Number	NJ Eligibility End Date	Maryland	MD State Number	MD Elig End Dat
MSET85164101	DEOK MELDAHL DAM 1 H - 1	Hydro	KY	10/2022	13284065 - 6421 to 8515	2,095	11/2022	Spectron Energy Inc.		RPS	VA	2024	VA 2024 (VA), Zone: APCO	$14.25				Tier II	MD-90259-WAT-02	
MSET86872601	COM CAMP GROVE 1 WF - 1	Wind	IL	09/2022	13063860 - 7597 to 12324	4,728	10/2022	Camp Grove Wind Farm, LLC		RPS	VA	2024	VA 2024 (VA), Zone: APCO	$0.00	Class I	NJ-12009-WND-I		Tier I	MD-20140-WND-01	
MSET86872601	COM CAMP GROVE 1 WF - 1	Wind	IL	10/2022	13282026 - 10441 to 18618	8,178	11/2022	Camp Grove Wind Farm, LLC		RPS	VA	2024	VA 2024 (VA), Zone: APCO	$0.00	Class I	NJ-12009-WND-I		Tier I	MD-20140-WND-01	
MSET86872601	COM CAMP GROVE 1 WF - 1	Wind	IL	11/2022	13479184 - 13643 to 24158	10,516	12/2022	Camp Grove Wind Farm, LLC		RPS	VA	2024	VA 2024 (VA), Zone: APCO	$0.00	Class I	NJ-12009-WND-I		Tier I	MD-20140-WND-01	
MSET86872601	COM CAMP GROVE 1 WF - 1	Wind	IL	12/2022	13640723 - 10787 to 19092	8,306	01/2023	Camp Grove Wind Farm, LLC		RPS	VA	2024	VA 2024 (VA), Zone: APCO	$0.00	Class I	NJ-12009-WND-I		Tier I	MD-20140-WND-01	
MSET86872601	COM CAMP GROVE 1 WF - 1	Wind	IL	01/2023	13782545 - 10682 to 19089	8,408	02/2023	Camp Grove Wind Farm, LLC		RPS	VA	2024	VA 2024 (VA), Zone: APCO	$0.00	Class I	NJ-12009-WND-I		Tier I	MD-20140-WND-01	
MSET86872601	COM CAMP GROVE 1 WF - 1	Wind	IL	02/2023	14023460 - 12776 to 22424	9,649	03/2023	Camp Grove Wind Farm, LLC		RPS	VA	2024	VA 2024 (VA), Zone: APCO	$0.00	Class I	NJ-12009-WND-I		Tier I	MD-20140-WND-01	
MSET86872601	COM CAMP GROVE 1 WF - 1	Wind	IL	03/2023	14265479 - 11703 to 20353	8,651	04/2023	Camp Grove Wind Farm, LLC		RPS	VA	2024	VA 2024 (VA), Zone: APCO	$0.00	Class I	NJ-12009-WND-I		Tier I	MD-20140-WND-01	
MSET86872601	COM CAMP GROVE 1 WF - 1	Wind	IL	04/2023	14613901 - 9063 to 15519	9,457	05/2023	Camp Grove Wind Farm, LLC		RPS	VA	2024	VA 2024 (VA), Zone: APCO	$0.00	Class I	NJ-12009-WND-I		Tier I	MD-20140-WND-01	
MSET86872601	COM CAMP GROVE 1 WF - 1	Wind	IL	05/2023	14984867 - 4773 to 8428	3,956	06/2023	Camp Grove Wind Farm, LLC		RPS	VA	2024	VA 2024 (VA), Zone: APCO	$0.00	Class I	NJ-12009-WND-I		Tier I	MD-20140-WND-01	
Total						1,361,422														

Page 1 of 30 (298 items) [1] 2 3 4 5 6 7 ... 28 29 30 Page size: 10

APCo Exhibit No.__
Witness: JAS
Schedule 2

250530102

GATS 2024 Reserved Certificate Transaction Subaccount showing the claim of Smith Mountain Free Water and 15,466 associated RECs retired.

pjm EIS Generation Attribute Tracking System

Appalachian Power Company (AEP Generation)
RegulatedRenewsAPCO

Accounts | Assets | Certificates | Obligations | Reports | Training

Active | CEPS | Bulletin Board | Reserved | Subaccount

Reserved Certificates for current trading period of 2025

Report Parameters

Reason Code: (ENV) - Used by the Account Holder to make environmental claims or to take out of circulation for environmental benefits reasons — Go

Results — Reset | Show Field Chooser

***Note:** Click on a heading label to sort the data.*

Contains([Facility Name], 'smith') And [Claim] Equals 'jan 24 freewater smith mountain'

Drag a column header here to group by that column

Unit ID	Facility Name	Fuel Type	Loc of Generator	Month of Generation	Certificate Serial Numbers	Qty	REC Create	Previous Owner	Price	Reason Code	Claim	State	New Jersey	NJ State Number	NJ Eligibility End Date	Maryland	MD State Number	MD Eligibility End Date	District of Columbia
	smith										jan 24 freewa								
MSET89394201	Smith Mountain - 1	Pumped Storage	VA	01/2024	17032426 - 14762 to 30227	15,466	02/2024			ENV	jan 24 freewater smith mountain	VA							
Total						15,466													

Page 1 of 1 (1 items) [1] Page size: 50

APCo Exhibit No.__
Witness: JAS
Schedule 3

250530102

APCo Exhibit No.___
Witness: JAS
Schedule 4

Information on Accelerated Renewable Energy Buyers

Va. Code § 56-585.5 G exempts customers who certify as accelerated renewable energy buyers ("ARBs") from certain RPS Program-related costs and benefits. In May 2021, the Commission established a proceeding in Case No. PUR-2020-00089 for the purpose of determining whether rules and regulations are necessary to implement the provisions of Va. Code § 56-585.5 G and, if so, the appropriate rules and regulations that should be adopted. As a result of that proceeding, the Commission established Regulations Governing Accelerated Renewable Energy Buyers, which were effective as of February 1, 2022.

In its April 30, 2021, Final Order in Case No. PUR-2020-00135, the Commission directed the Company to provide the following information related to ARBs in its annual RPS Development Plan proceedings:

- **For existing customers that potentially qualify as ARBs under Code§ 56-585.5G, provide:**

  (i) The total aggregate annual load for the prior calendar year associated with these customers;
  215,140 MWh
  (ii) The total aggregate peak load for the prior calendar year associated with these customers;
  327 MW
  (iii) The aggregate amount of energy, capacity, and RECs procured by such customers in the prior calendar year, to the extent known;
  The Company does not have this information at this time.

- **Identify all customers that have qualified as ARBs and provide:**

  (i) The total annual load for the prior calendar year associated with each customer, and cumulatively for all such customers;
  No customers have certified as ARBs to date.
  (ii) The total peak load for the prior calendar year associated with each customer, and cumulatively for all such customers; and No customers have certified as ARBs to date.
  (iii) The aggregate amount of energy, capacity, and RECs procured in the prior calendar year by each customer, and cumulatively for all such customers.
  No customers have certified as ARBs to date.

V.A. S.C.C. TARIFF NO. 28

NBP-Rider A.5 RPS-Compliance

This Rider is designed to collect the REC and compliance costs associated with Section 56-585.5 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56-585.5H of the Code of Virginia, Rider A.5 RPS will be applied to all customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.5 RPS shall effectively be calculated by multiplying the kWh of energy by the following rates:

Appalachian Power Company Summary of Energy Rates				
Schedule	Differentiated	Energy	Energy	Total Energy RPS-Compliance RAC A.5
	Rate	Sections D & E	Section F	per kWh
Residential		$0.00039~~$0.00028~~	$0.00285~~$~~	$0.00324~~$~~
Residential – TOD or TOU (030,031,036)	On-Peak	$0.00089~~$0.00065~~	$0.00660~~$~~	$0.00749~~$0.00239~~
	Off-Peak	$0.00006~~$0.00005~~	$0.00047~~$~~	$0.00053~~$0.00017~~
SWS (222)		$0.00039~~$~~	$0.00285~~$~~	$0.00324~~$0.00103~~
SGS - (231,233,234,213,281)		$0.00039~~$0.00028~~	$0.00285~~$~~	$0.00324~~$0.00103~~
SGS - LMTOD (225,226)	On-Peak	$0.00082~~$0.00060~~	$0.00608~~$~~	$0.00690~~$0.00220~~
	Off-Peak	$0.00007~~$0.00005~~	$0.00049~~$~~	$0.00056~~$0.00018~~
GS-TOD Secondary (229,230)	On-Peak	$0.00077~~$0.00057~~	$0.00571~~$~~	$0.00648~~$0.00208~~
	Off-Peak	$0.00007~~$0.00005~~	$0.00050~~$~~	$0.00057~~$0.00018~~
GS-TOD Primary (227)	On-Peak	$0.00077~~$0.00057~~	$0.00571~~$~~	$0.00648~~$0.00208~~
	Off-Peak	$0.00007~~$0.00005~~	$0.00050~~$~~	$0.00057~~$0.00018~~
GS-Secondary (261)	Block 1	$0.00038~~$0.00028~~	$0.00282~~$~~	$0.00320~~$0.00102~~
	Block 2	$0.00038~~$0.00028~~	$0.00282~~$~~	$0.00320~~$0.00102~~
	Block 3	$0.00038~~$0.00028~~	$0.00282~~$~~	$0.00320~~$0.00102~~
GS-Primary (263)	Block 1	$0.00036~~$0.00027~~	$0.00268~~$~~	$0.00304~~$0.00097~~
	Block 2	$0.00036~~$0.00027~~	$0.00268~~$~~	$0.00304~~$0.00097~~
	Block 3	$0.00036~~$0.00027~~	$0.00268~~$~~	$0.00304~~$0.00097~~
GS-Subtransmission (265)	Block 1	$0.00036~~$0.00026~~	$0.00267~~$~~	$0.00303~~$0.00096~~
	Block 2	$0.00036~~$0.00026~~	$0.00267~~$~~	$0.00303~~$0.00096~~
	Block 3	$0.00036~~$0.00026~~	$0.00267~~$~~	$0.00303~~$0.00096~~
GS-Transmission (267)	Block 1	$0.00035~~$0.00026~~	$0.00262~~$~~	$0.00297~~$0.00095~~
	Block 2	$0.00035~~$0.00026~~	$0.00262~~$~~	$0.00297~~$0.00095~~
	Block 3	$0.00035~~$0.00026~~	$0.00262~~$~~	$0.00297~~$0.00095~~
LGS – TOD Secondary (337)	On-Peak	$0.00077~~$0.00057~~	$0.00571~~$~~	$0.00648~~$0.00208~~
	Off-Peak	$0.00007~~$0.00005~~	$0.00050~~$~~	$0.00057~~$0.00018~~
LGS – TOD Primary (339)	On-Peak	$0.00073~~$0.00054~~	$0.00540~~$~~	$0.00613~~$0.00197~~
	Off-Peak	$0.00007~~$0.00005~~	$0.00047~~$~~	$0.00054~~$0.00017~~
LPS - Secondary (302)		$0.00036~~$0.00028~~	$0.00267~~$~~	$0.00303~~$0.00102~~
LPS - Primary (306)		$0.00034~~$0.00027~~	$0.00253~~$~~	$0.00287~~$0.00097~~
LPS - Subtransmission (308) (309)		$0.00034~~$0.00026~~	$0.00253~~$~~	$0.00287~~$0.00096~~
LPS - Transmission (310)		$0.00033~~$0.00026~~	$0.00248~~$~~	$0.00281~~$0.00095~~
OL (093 + range)		$0.00039~~$0.00027~~	$0.00290~~$~~	$0.00329~~$0.00100~~

The Rider A.5 RPS shall remain in effect until such time as modified by the Commission.

Issued: ~~**November 22, 2024**~~ **Effective:** ~~**December 1, 2024**~~**March 1, 2026**

Pursuant to Final Order

Dated: ~~**October 21, 2024**~~

Case PUR-2024-~~00020~~5-00049

V.A. S.C.C. TARIFF NO. 28

NBP- A.5 PCAP Capacity

This Rider is designed to collect the PPA Capacity costs associated with Section 56-585.1 A.5 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Section 56-585.5F and 56-585.5H of the Code of Virginia, Rider A.5 PCAP Capacity will be applied to all customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.5 PCAP Capacity shall effectively be calculated by multiplying the kWh of energy and kW of demand, by the following rates:

Appalachian Power Company-Purchased Capacity-A.5				
Summary of Energy & Demand Rates				
	Different.	Energy Renewables-Compliance RAC A.5	Demand-Renewables-Compliance RAC A.5	Demand Renewables Compliance RAC A.5 Off-Peak
	Rate	per kWh	per kW	per kW
Residential (011,013,014,015,019,020,051,054)		$0.00047 ~~$0.00013~~		
Residential – TOD or TOU (030,031,036)	On-Peak	$0.00109 ~~$0.00031~~		
	Off-Peak	$0.00008 ~~$0.00002~~		
SWS (222)		$0.00075 ~~$0.00020~~		
SGS - (231,233,234,213,281)		$0.00037 ~~$0.00012~~		
SGS - LMTOD (225,226)	On-Peak	$0.00077 ~~$0.00025~~		
	Off-Peak	$0.00006 ~~$0.00002~~		
GS-TOD Secondary (229,230)	On-Peak	$0.00061 ~~$0.00020~~		
	Off-Peak	$0.00005 ~~$0.00002~~		
GS-TOD Primary (227)	On-Peak	$0.00061 ~~$0.00020~~		
	Off-Peak	$0.00005 ~~$0.00002~~		
GS-Secondary (261)	Block 1	$0.00023 ~~$0.00008~~	$0.031 ~~$0.034~~	$—
	Block 2	$0.00021 ~~$0.00006~~		
	Block 3	$0.00018 ~~$0.00003~~		
GS-Primary (263)	Block 1	$0.00022 ~~$0.00008~~	$0.031 ~~$0.034~~	$—
	Block 2	$0.00020 ~~$0.00006~~		
	Block 3	$0.00017 ~~$0.00003~~		
GS-Subtransmission (265)	Block 1	$0.00022 ~~$0.00008~~	$0.031 ~~$0.034~~	$—
	Block 2	$0.00020 ~~$0.00006~~		
	Block 3	$0.00017 ~~$0.00003~~		
GS-Transmission (267)	Block 1	$0.00021 ~~$0.00007~~	$0.031 ~~$0.034~~	$—
	Block 2	$0.00020 ~~$0.00006~~		
	Block 3	$0.00017 ~~$0.00003~~		
LGS – TOD Secondary (337)	On-Peak	$0.00061 ~~$0.00020~~		
	Off-Peak	$0.00005 ~~$0.00002~~		
LGS – TOD Primary (339)	On-Peak	$0.00058 ~~$0.00019~~		
	Off-Peak	$0.00005 ~~$0.00002~~		
LPS - Secondary (302)		$0.00000 ~~$0.00000~~	$0.1204 ~~$0.1204~~	$0.01—
LPS - Primary (306)		$0.00000 ~~$0.00000~~	$0.1104 ~~$0.1104~~	$0.01—
LPS - Subtransmission (308) (309)		$0.00000 ~~$0.00000~~	$0.1004 ~~$0.1004~~	$0.01—
LPS - Transmission (310)		$0.00000 ~~$0.00000~~	$0.1004 ~~$0.1004~~	$0.01—
OL (093 + range)		$0.00009 ~~$0.00001~~		

The Rider A.5 PCAP Capacity shall remain in effect until such time as modified by the Commission.

Issued: November 22, 2024 **Effective: December 1, 2024**

Pursuant to Final Order

Dated: October 21, 2024

Case PUR-2024-00020

V.A. S.C.C. TARIFF NO. 28

NBP-Rider A.6. RPS Renewables-Capacity & Energy

This Rider is designed to collect the Owned Renewables-Capacity & Energy costs associated with Section 56-585.1A.6 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56.585.5H of the Code of Virginia, Rider A.6. RPS Renewables Capacity & Energy will be applied to all customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.6.

RPS Renewables Capacity & Energy shall effectively be calculated by multiplying the kWh of energy and kW of demand, by the following rates:

Summary of Energy & Demand Rates				
	Different.	Energy Renewables-RAC A.6	Demand-Renewables RAC A.6	Demand Renewables RAC A.6 Off-Peak
	Rate	per kWh	per kW	per kW
Residential (011,013,014,015,019,020,051,054)		$0.00192 ~~$0.00011~~		
Residential – TOD or TOU (030,031,036)	On-Peak	$0.00443 ~~$0.00026~~		
	Off-Peak	$0.00031 ~~$0.00002~~		
SWS (222)		$0.00305 ~~$0.00017~~		
SGS - (231,233,234,213,281)		$0.00148 ~~$0.00010~~		
SGS - LMTOD (225,226)	On-Peak	$0.00315 ~~$0.00021~~		
	Off-Peak	$0.00026 ~~$0.00002~~		
GS-TOD Secondary (229,230)	On-Peak	$0.00250 ~~$0.00017~~		
	Off-Peak	$0.00022 ~~$0.00001~~		
GS-TOD Primary (227)	On-Peak	$0.00237 ~~$0.00017~~		
	Off-Peak	$0.00021 ~~$0.00001~~		
GS-Secondary (261)	Block 1	$0.00082 ~~$0.00007~~	$0.14 ~~01~~	$0.00
	Block 2	$0.00080 ~~$0.00005~~		
	Block 3	$0.00077 ~~$0.00002~~		
GS-Primary (263)	Block 1	$0.00078 ~~$0.00007~~	$0.14 ~~01~~	$0.00
	Block 2	$0.00076 ~~$0.00005~~		
	Block 3	$0.00073 ~~$0.00002~~		
GS-Subtransmission (265)	Block 1	$0.00078 ~~$0.00007~~	$0.14 ~~01~~	$0.00
	Block 2	$0.00076 ~~$0.00005~~		
	Block 3	$0.00073 ~~$0.00002~~		
GS-Transmission (267)	Block 1	$0.00076 ~~$0.00007~~	$0.14 ~~01~~	$0.00
	Block 2	$0.00074 ~~$0.00005~~		
	Block 3	$0.00072 ~~$0.00002~~		
LGS – TOD Secondary (337)	On-Peak	$0.00250 ~~$0.00017~~		
	Off-Peak	$0.00022 ~~$0.00001~~		
LGS – TOD Primary (339)	On-Peak	$0.00237 ~~$0.00016~~		
	Off-Peak	$0.00021 ~~$0.00001~~		
LPS - Secondary (302)		$0.00000 ~~$0.00000~~	$0.47 ~~03~~	$0.00
LPS - Primary (306)		$0.00000 ~~$0.00000~~	$0.45 ~~03~~	$0.00
LPS - Subtransmission (308) (309)		$0.00000 ~~$0.00000~~	$0.45 ~~03~~	$0.00
LPS - Transmission (310)		$0.00000 ~~$0.00000~~	$0.44 ~~03~~	$0.00
OL (093 + range)		$0.00033 ~~$0.00001~~		

The Rider A.6. RPS Renewables Capacity & Energy shall remain in effect until such time as modified by the Commission.

Issued: November 22, 2024

Effective: December 1, 2024

Pursuant to Final Order

Dated: October 21, 2024

Case PUR-2024-00020

APPALACHIAN POWER COMPANY

V.A. S.C.C. TARIFF NO. 28

NBP-Rider A.5 RPS-Compliance

This Rider is designed to collect the REC and compliance costs associated with Section 56-585.5 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56-585.5H of the Code of Virginia, Rider A.5 RPS will be applied to all customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.5 RPS shall effectively be calculated by multiplying the kWh of energy by the following rates:

Appalachian Power Company				
Summary of Energy Rates				
Schedule	**Differentiated**	**Energy**	**Energy**	**Total Energy RPS-Compliance RAC A.5**
	Rate	**Sections D & E**	**Section F**	**per kWh**
Residential		$0.00039	$0.00285	$0.00324
Residential – TOD or TOU (030,031,036)	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

The Rider A.5 RPS shall remain in effect until such time as modified by the Commission.

Issued: **Effective: March 1, 2026**

Pursuant to Final Order

Dated:

Case PUR-2025-00049

V.A. S.C.C. TARIFF NO. 28

NBP- A.5 PCAP Capacity

This Rider is designed to collect the PPA Capacity costs associated with Section 56-585.1 A.5 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Section 56-585.5F and 56-585.5H of the Code of Virginia, Rider A.5 PCAP Capacity will be applied to all customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.5 PCAP Capacity shall effectively be calculated by multiplying the kWh of energy and kW of demand, by the following rates:

Appalachian Power Company-Purchased Capacity-A.5				
Summary of Energy & Demand Rates				
	Different.	Energy Renewables-Compliance RAC A.5	Demand-Renewables-Compliance RAC A.5	Demand Renewables Compliance RAC A.5 Off-Peak
	Rate	per kWh	per kW	per kW
Residential (011,013,014,015,019,020,051,054)		$0.00047		
Residential – TOD or TOU (030,031,036)	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	$—
	Block 2	$0.00021		
	Block 3	$0.00018		
GS-Primary (263)	Block 1	$0.00022	$0.03	$—
	Block 2	$0.00020		
	Block 3	$0.00017		
GS-Subtransmission (265)	Block 1	$0.00022	$0.03	$—
	Block 2	$0.00020		
	Block 3	$0.00017		
GS-Transmission (267)	Block 1	$0.00021	$0.03	$—
	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		

The Rider A.5 PCAP Capacity shall remain in effect until such time as modified by the Commission.

Issued: **Effective: March 1, 2026**

Pursuant to Final Order

Dated:

Case PUR-2025-00049

V.A. S.C.C. TARIFF NO. 28

NBP-Rider A.6. RPS Renewables-Capacity & Energy

This Rider is designed to collect the Owned Renewables-Capacity & Energy costs associated with Section 56-585.1A.6 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56.585.5H of the Code of Virginia, Rider A.6. RPS Renewables Capacity & Energy will be applied to all customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.6. RPS Renewables Capacity & Energy shall effectively be calculated by multiplying the kWh of energy and kW of demand, by the following rates:

Summary of Energy & Demand Rates				
	Different.	Energy Renewables-RAC A.6	Demand-Renewables RAC A.6	Demand Renewables RAC A.6 Off-Peak
	Rate	per kWh	per kW	per kW
Residential (011,013,014,015,019,020,051,054)		$0.00192		
Residential – TOD or TOU (030,031,036)	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	$0.14	$0.00
	Block 2	$0.00076		
	Block 3	$0.00073		
GS-Transmission (267)	Block 1	$0.00076	$0.14	$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	$0.00
LPS - Primary (306)		$0.00000	$0.45	$0.00
LPS - Subtransmission (308) (309)		$0.00000	$0.45	$0.00
LPS - Transmission (310)		$0.00000	$0.44	$0.00
OL (093 + range)		$0.00033		

The Rider A.6. RPS Renewables Capacity & Energy shall remain in effect until such time as modified by the Commission.

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Dated:

Case PUR-2025-00049

NBP Rider O.A.D. A.5 RPS-Compliance

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56-585.5H of the Code of Virginia Rider A.5 RPS will be applied to applicable customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.5 RPS shall effectively be calculated by multiplying the kWh of energy by the following rates:

Appalachian Power Company Summary of Energy Rates				
Schedule	**Differentiat.**	**Energy**	**Energy**	**Total Energy A.5 RPS-Compliance RAC**
	Rate	**Sections D & E**	**Section F**	**per kWh**
Residential (820)		$0.00039~~$ 0.00028~~	$0.00285~~$ 0.00075~~	$0.00324~~$ 0.00103~~
SWS (890)		$0.00039~~$ 0.00028~~	$0.00285~~$ 0.00075~~	$0.00324~~$ 0.00103~~
SGS (830, 831, 833)		$0.00039~~$ 0.00028~~	$0.00285~~$ 0.00075~~	$0.00324~~$ 0.00103~~
GS – Secondary (870)	Block 1	$0.00038~~$ 0.00028~~	$0.00282~~$ 0.00074~~	$0.00320~~$ 0.00102~~
	Block 2	$0.00038~~$ 0.00028~~	$0.00282~~$ 0.00074~~	$0.00320~~$ 0.00102~~
	Block 3	$0.00038~~$ 0.00028~~	$0.00282~~$ 0.00074~~	$0.00320~~$ 0.00102~~
GS – Primary (871)	Block 1	$0.00036~~$ 0.00027~~	$0.00268~~$ 0.00070~~	$0.00304~~$ 0.00097~~
	Block 2	$0.00036~~$ 0.00027~~	$0.00268~~$ 0.00070~~	$0.00304~~$ 0.00097~~
	Block 3	$0.00036~~$ 0.00027~~	$0.00268~~$ 0.00070~~	$0.00304~~$ 0.00097~~
GS – Subtransmission (872)	Block 1	$0.00036~~$ 0.00026~~	$0.00267~~$ 0.00070~~	$0.00303~~$ 0.00096~~
	Block 2	$0.00036~~$ 0.00026~~	$0.00267~~$ 0.00070~~	$0.00303~~$ 0.00096~~
	Block 3	$0.00036~~$ 0.00026~~	$0.00267~~$ 0.00070~~	$0.00303~~$ 0.00096~~
GS – Transmission (873)	Block 1	$0.00035~~$ 0.00026~~	$0.00262~~$ 0.00069~~	$0.00297~~$ 0.00095~~
	Block 2	$0.00035~~$ 0.00026~~	$0.00262~~$ 0.00069~~	$0.00297~~$ 0.00095~~
	Block 3	$0.00035~~$ 0.00026~~	$0.00262~~$ 0.00069~~	$0.00297~~$ 0.00095~~
LPS – Secondary (860)		$0.00036~~$ 0.00028~~	$0.00267~~$ 0.00074~~	$0.00303~~$ 0.00102~~
LPS - Primary (861)		$0.00034~~$ 0.00027~~	$0.00253~~$ 0.00070~~	$0.00287~~$ 0.00097~~

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NBP Rider O.A.D. A.5 RPS-Compliance

LPS - Subtransmission (862)	[redacted]	$0.00034~~$ 0.00026~~	$0.00253~~$ 0.00070~~	$0.00287~~$ 0.00096~~
LPS - Transmission (863)	[redacted]	$0.00033~~$ 0.00026~~	$0.00248~~$ 0.00069~~	$0.00281~~$ 0.00095~~
OL (912 + range)	[redacted]	$0.00039~~$ 0.00027~~	$0.00290~~$ 0.00073~~	$0.00329~~$ 0.00100~~

The Rider A.5 RPS-Compliance shall remain in effect until such time as modified by the Commission.

V.A. S.C.C. TARIFF NO. 28

NBP Rider O.A.D. VCEA – A.5 PCAP Capacity

This Rider is designed to collect the PPA Capacity costs associated with Section 56-585.5 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56-585.5H of the Code of Virginia, Rider A.5 PCAP Capacity will be applied to applicable customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.5 PCAP Capacity shall effectively be calculated by multiplying the kWh of energy and kW of demand, by the following rates:

Appalachian Power Company Summary of Energy Rates				
Schedule	Differentiat.	Energy-Renewables Compliance RAC A.5	Demand – Renewables – Compliance RAC A.5	Demand Renewables Compliance A.5 Off-Peak
	Rate	Per kWh	Per kW	Per kW
Residential (820)		$ 0.00000		
SWS (890)		$ 0.00000		
SGS (830, 831, 833)		$ 0.00000		
GS – Secondary (870)	Block 1	$ 0.00000	$0.031	$-
	Block 2	$ 0.00000		
	Block 3	$ 0.00000		
GS – Primary (871)	Block 1	$ 0.00000	$0.031	$-
	Block 2	$ 0.00000		
	Block 3	$ 0.00000		
GS – Subtransmission (872)	Block 1	$ 0.00000	$0.031	$-
	Block 2	$ 0.00000		
	Block 3	$ 0.00000		
GS – Transmission (873)	Block 1	$ 0.00000	$0.031	$-
	Block 2	$ 0.00000		
	Block 3	$ 0.00000		
LPS – Secondary (860)			$0.1204	$-
LPS - Primary (861)			$0.1104	$-
LPS - Subtransmission (862)			$0.1004	$-
LPS - Transmission (863)			$0.1004	$-
OL (912 + range)		$ 0.00000		

The Rider A.5 PCAP Capacity shall remain in effect until such time as modified by the Commission.

Issued: ~~November 22, 2024~~

Effective: ~~December 1, 2024~~March 1, 2026

Pursuant to Final Order
Dated: ~~October 21, 2024~~
Case No. PUR-2024-0002025-00049

V.A. S.C.C. TARIFF NO. 28

NBP Rider O.A.D. VCEA – A.6 Renewables Capacity & Energy

This Rider is designed to collect the Owned Renewables-Capacity & Energy costs associated with Section 56-5851.6 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56-585.5H of the Code of Virginia, Rider A.6. RPS Renewables-Capacity & Energy will be applied to applicable customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.6. RPS Renewables-Capacity & Energy shall effectively be calculated by multiplying the kWh of energy and kW of demand, by the following rates:

Appalachian Power Company Summary of Energy Rates				
Schedule	Differentiat.	Energy-Renewables RAC A.6	Demand – Renewables – RAC A.6	Demand Renewables RAC 1Off-Peak
	Rate	Per kWh	Per kW	perkW
Residential (820)		$0.00192~~$ 0.00011~~		
SWS (890)		$0.00305~~$ 0.00017~~		
SGS (830, 831, 833)		$0.00148~~$ 0.00010~~		
GS – Secondary (870)	Block 1	$0.00082~~$ 0.00007~~	$0.1401~~	$0.00
	Block 2	$0.00080~~$ 0.00005~~		
	Block 3	$0.00077~~$ 0.00002~~		
GS – Primary (871)	Block 1	$0.00078~~$ 0.00007~~	$0.1401~~	$0.00
	Block 2	$0.00076~~$ 0.00005~~		
	Block 3	$0.00073~~$ 0.00002~~		
GS – Subtransmission (872)	Block 1	$0.00078~~$ 0.00007~~	$0.1301~~	$0.00
	Block 2	$0.00076~~$ 0.00005~~		
	Block 3	$0.00073~~$ 0.00002~~		
GS – Transmission (873)	Block 1	$0.00076~~$ 0.00007~~	$0.1301~~	$0.00
	Block 2	$0.00074~~$ 0.00005~~		
	Block 3	$0.00072~~$ 0.00002~~		
LPS – Secondary (860)		$0.00000~~$ 0.00000~~	$0.4703~~	$0.050~~
LPS - Primary (861)		$0.00000~~$ 0.00000~~	$0.4503~~	$0.050~~
LPS - Subtransmission (862)		$0.00000~~$ 0.00000~~	$0.4503~~	$0.050~~
LPS - Transmission (863)		$0.00000~~$ 0.00000~~	$0.4403~~	$0.050~~
OL (912 + range)		$0.00033~~$ 0.00001~~		

The Rider A.6 RPS Renewables Capacity & Energy shall remain in effect until such time as modified by the Commission.

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Pursuant to Final Order
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Case No. PUR-2024-0002025-00049

NBP Rider O.A.D. VCEA – NBC
Open Access Distribution – VCEA Costs Net of Benefits

This Rider is designed to collect non-bypassable costs of VCEA compliance, net of benefits, in accordance with Section 56.585.5F of the Code of Virginia. This Rider is applicable to customers who switched generation suppliers pursuant to Section 56-577.A4 or A5 of the Code of Virginia or switched generation suppliers after February 1, 2019.

This Rider is composed of an estimate for the energy component of Purchased Power Agreements for VCEA resources, credits associated with the energy component of VCEA resources not recovered in base rates, and a true-up of prior period cost and benefits.

	$/kWh
Rate Year VCEA PPA Energy Costs	$0.000505046
Rate Year VCEA Energy Benefits	$(0.00105513)
Prior Period VCEA Net Cost/(Benefit)	$.00004-
Total Rate	$(0.00051667)

V.A. S.C.C. TARIFF NO. 28

NBP Rider O.A.D. A.5 RPS-Compliance

This Rider is designed to collect the REC and compliance costs associated with Section 56-585.5 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56-585.5H of the Code of Virginia Rider A.5 RPS will be applied to applicable customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.5 RPS shall effectively be calculated by multiplying the kWh of energy by the following rates:

Appalachian Power Company Summary of Energy Rates				
Schedule	**Differentiat.**	**Energy**	**Energy**	**Total Energy A.5 RPS-Compliance RAC**
	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

The Rider A.5 RPS-Compliance shall remain in effect until such time as modified by the Commission.

V.A. S.C.C. TARIFF NO. 28

NBP Rider O.A.D. VCEA – A.5 PCAP Capacity

This Rider is designed to collect the PPA Capacity costs associated with Section 56-585.5 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56-585.5H of the Code of Virginia, Rider A.5 PCAP Capacity will be applied to applicable customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.5 PCAP Capacity shall effectively be calculated by multiplying the kWh of energy and kW of demand, by the following rates:

Appalachian Power Company Summary of Energy Rates				
Schedule	Differentiat.	Energy-Renewables Compliance RAC A.5	Demand – Renewables – Compliance RAC A.5	Demand Renewables Compliance A.5 Off-Peak
	Rate	Per kWh	Per kW	Per kW
Residential (820)		$ 0.00000		
SWS (890)		$ 0.00000		
SGS (830, 831, 833)		$ 0.00000		
GS – Secondary (870)	Block 1	$ 0.00000	$0.03	$-
	Block 2	$ 0.00000		
	Block 3	$ 0.00000		
GS – Primary (871)	Block 1	$ 0.00000	$0.03	$-
	Block 2	$ 0.00000		
	Block 3	$ 0.00000		
GS – Subtransmission (872)	Block 1	$ 0.00000	$0.03	$-
	Block 2	$ 0.00000		
	Block 3	$ 0.00000		
GS – Transmission (873)	Block 1	$ 0.00000	$0.03	$-
	Block 2	$ 0.00000		
	Block 3	$ 0.00000		
LPS – Secondary (860)			$0.12	$-
LPS - Primary (861)			$0.11	$-
LPS - Subtransmission (862)			$0.10	$-
LPS - Transmission (863)			$0.10	$-
OL (912 + range)		$ 0.00000		

The Rider A.5 PCAP Capacity shall remain in effect until such time as modified by the Commission.

V.A. S.C.C. TARIFF NO. 28

NBP Rider O.A.D. VCEA – A.6 Renewables Capacity & Energy

This Rider is designed to collect the Owned Renewables-Capacity & Energy costs associated with Section 56-5851.6 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56-585.5H of the Code of Virginia, Rider A.6. RPS Renewables-Capacity & Energy will be applied to applicable customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.6. RPS Renewables-Capacity & Energy shall effectively be calculated by multiplying the kWh of energy and kW of demand, by the following rates:

Appalachian Power Company Summary of Energy Rates				
Schedule	**Differentiat.**	**Energy-Renewables RAC A.6**	**Demand – Renewables – RAC A.6**	**Demand Renewables RAC 1Off-Peak**
	Rate	**Per kWh**	**Per kW**	**perkW**
Residential (820)		$0.00192		
SWS (890)		$0.00305		
SGS (830, 831, 833)		$0.00148		
GS – Secondary (870)	Block 1	$0.00082	$0.14	$0.00
	Block 2	$0.00080		
	Block 3	$0.00077		
GS – Primary (871)	Block 1	$0.00078	$0.14	$0.00
	Block 2	$0.00076		
	Block 3	$0.00073		
GS – Subtransmission (872)	Block 1	$0.00078	$0.13	$0.00
	Block 2	$0.00076		
	Block 3	$0.00073		
GS – Transmission (873)	Block 1	$0.00076	$0.13	$0.00
	Block 2	$0.00074		
	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		

The Rider A.6 RPS Renewables Capacity & Energy shall remain in effect until such time as modified by the Commission.

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NBP Rider O.A.D. VCEA – NBC
Open Access Distribution – VCEA Costs Net of Benefits

This Rider is designed to collect non-bypassable costs of VCEA compliance, net of benefits, in accordance with Section 56.585.5F of the Code of Virginia. This Rider is applicable to customers who switched generation suppliers pursuant to Section 56-577.A4 or A5 of the Code of Virginia or switched generation suppliers after February 1, 2019.

This Rider is composed of an estimate for the energy component of Purchased Power Agreements for VCEA resources, credits associated with the energy component of VCEA resources not recovered in base rates, and a true-up of prior period cost and benefits.

	$/kWh
Rate Year VCEA PPA Energy Costs	$0.00050
Rate Year VCEA Energy Benefits	$(0.00105)
Prior Period VCEA Net Cost/(Benefit)	$.00004
Total Rate	$(0.00051)

V.A. S.C.C. TARIFF NO. 28

NBP-Rider F.O.A.D A.5 RPS-Compliance

This Rider is designed to collect the REC and compliance costs associated with Section 56-585.5 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56-585.5H of the Code of Virginia, Rider A.5 RPS will be applied to applicable customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.5 RPS shall effectively be calculated by multiplying the kWh of energy by the following rates:

Appalachian Power Company Summary of Energy Rates				
Schedule	**Differentiat.**	**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 ~~$0.0002~~	$0.00285 ~~$0.0007~~	$0.00324 ~~$0.00103~~
GS-Secondary (261F)	Block 1	$0.00038 ~~$0.0002~~	$0.00282 ~~$0.0007~~	$0.00320 ~~$0.00102~~
	Block 2	$0.00038 ~~$0.0002~~	$0.00282 ~~$0.0007~~	$ 0.00320 ~~$0.00102~~
	Block 3	$0.00038 ~~$0.0002~~	$0.00282 ~~$0.0007~~	$0.00320 ~~$0.00102~~
GS-Primary(263F)	Block 1	$0.00036 ~~$0.00027~~	$0.00268 ~~$0.00070~~	$ 0.00304 ~~$0.00097~~
	Block 2	$0.00036 ~~$0.0002~~	$0.00268 ~~$0.0007~~	$0.00304 ~~$0.00097~~
	Block 3	$0.00036 ~~$0.0002~~	$0.00268 ~~$0.0007~~	$0.00304 ~~$0.00097~~
GS-Subtransmission (265F)	Block 1	$0.00036 ~~$0.00026~~	$0.00267 ~~$0.00070~~	$0.00303 ~~$0.00096~~
	Block 2	$0.00036 ~~$0.0002~~	$0.00267 ~~$0.0007~~	$0.00303 ~~$0.00096~~
	Block 3	$0.00036 ~~$0.0002~~	$0.00267 ~~$0.0007~~	$0.00303 ~~$0.00096~~
GS-Transmission (267F)	Block 1	$0.00035 ~~$0.0002~~	$0.00262 ~~$0.0006~~	$0.00297 ~~$0.00095~~
	Block 2	$0.00035 ~~$0.0002~~	$0.00262 ~~$0.0006~~	$0.00297 ~~$0.00095~~
	Block 3	$0.00035 ~~$0.0002~~	$0.00262 ~~$0.0006~~	$0.00297 ~~$0.00095~~
LPS - Secondary (302F)		$0.00036 ~~$0.0002~~	$0.00267 ~~$0.0007~~	$0.00303 ~~$0.00102~~
LPS - Primary (306F)		$0.00034 ~~$0.00027~~	$0.00253 ~~$0.00070~~	$0.00287 ~~$0.00097~~
LPS - Subtransmission (308F) (309F)		$0.00034 ~~$0.0002~~	$0.00253 ~~$0.0007~~	$0.00287 ~~$0.00096~~
LPS - Transmission (310F)		$0.00033 ~~$0.0002~~	$0.00248 ~~$0.0006~~	$ 0.00281 ~~$0.00095~~

The Rider A.5 RPS shall remain in effect until such time as modified by the Commission.

Issued: ~~November 22, 2024~~

Effective: ~~December 1, 2024~~ March 1, 2026

Pursuant to Final Order

Dated: ~~October 21, 2024~~

Case No. PUR-202~~4-00020~~5-00049

V.A. S.C.C. TARIFF NO. 28

NBP-Rider F.O.A.D. A.5 PCAP Capacity

This Rider is designed to collect the PPA Capacity costs associated with Section 56-585.5 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56-585.5H of the Code of Virginia, Rider A.5 PCAP Capacity will be applied to applicable customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.5 PCAP Capacity shall effectively be calculated by multiplying the kWh of energy and kW of demand, by the following rates:

Appalachian Power Company-Purchased Capacity-A5				
Summary of Energy & Demand Rates				
Schedule	Differentiat.	Energy Renewables-Compliance RAC A.5	Demand-Renewables-Compliance RAC A.5	Demand Renewables Compliance RAC A.5 Off-Peak
	Rate	per kWh	per kW	per kW
SGS - (231F,233F,234F,213F,281F)				
GS-Secondary (261F)	Block 1		$0.031	$ —
	Block 2			
	Block 3			
GS-Primary(263F)	Block 1		$0.031	$ —
	Block 2			
	Block 3			
GS-Subtransmission (265F)	Block 1		$0.031	$ —
	Block 2			
	Block 3			
GS-Transmission (267F)	Block 1		$0.031	$ —
	Block 2			
	Block 3			
LPS - Secondary (302F)			$0.1204	$ —
LPS - Primary (306F)			$0.1104	$ —
LPS - Subtransmission (308F) (309F)			$0.1904	$ —
LPS - Transmission (310F)			$0.1004	$ —

The Rider A.5 PCAP Capacity shall remain in effect until such time as modified by the Commission

V.A. S.C.C. TARIFF NO. 28

NBP Rider F.O.A.D. A.6 Renewables Capacity & Energy

This Rider is designed to collect the Owned Renewables-Capacity & Energy costs associated with Section 56-5851.6 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56-585.5H of the Code of Virginia, Rider A.6. RPS Renewables-Capacity & Energy will be applied to applicable customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.6. RPS Renewables-Capacity & Energy shall effectively be calculated by multiplying the kWh of energy and kW of demand, by the following rates:

Appalachian Power Company-Renewables Capacity & Energy-A6				
Summary of Energy & 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		$0.1401	$0.00
	Block 2			
	Block 3			
GS-Primary(263F)	Block 1		$0.1401	$0.00
	Block 2			
	Block 3			
GS-Subtransmission (265F)	Block 1		$0.1301	$0.00
	Block 2			
	Block 3			
GS-Transmission (267F)	Block 1		$0.1301	$0.00
	Block 2			
	Block 3			
LPS - Secondary (302F)			$0.4703	$0.00
LPS - Primary (306F)			$0.4503	
LPS - Subtransmission (308F) (309F)			$0.4503	$0.00
LPS - Transmission (310F)			$0.4403	

The Rider A.6. RPS Renewables Capacity & Energy shall remain in effect until such time as modified by the Commission.

V.A. S.C.C. TARIFF NO. 28

NBP Rider F.O.A.D. VCEA - NBC

FRR Open Access Distribution – VCEA Costs Net of Benefits

This Rider is designed to collect non-bypassable costs of VCEA compliance, net of benefits, in accordance with Section 56.585.5F of the Code of Virginia

This Rider is composed of an estimate for the energy component of Purchased Power Agreements for VCEA resources, credits associated with the energy component of VCEA resources not recovered in base rates, and a true-up of prior period cost and benefits.

	$/kWh
Rate Year VCEA PPA Energy Costs	$0.000505046
Rate Year VCEA Energy Benefits	$(0.00105513)
Prior Period VCEA Net Cost/(Benefit)	$(.00004)-
Total Rate	$(0.00051000067)

V.A. S.C.C. TARIFF NO. 28

NBP-Rider F.O.A.D A.5 RPS-Compliance

This Rider is designed to collect the REC and compliance costs associated with Section 56-585.5 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56-585.5H of the Code of Virginia, Rider A.5 RPS will be applied to applicable customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.5 RPS shall effectively be calculated by multiplying the kWh of energy by the following rates:

Appalachian Power Company				
Summary of Energy Rates				
Schedule	Differentiat.	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 (261F)	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(263F)	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 (265F)	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 (267F)	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

The Rider A.5 RPS shall remain in effect until such time as modified by the Commission.

V.A. S.C.C. TARIFF NO. 28

NBP-Rider F.O.A.D. A.5 PCAP Capacity

This Rider is designed to collect the PPA Capacity costs associated with Section 56-585.5 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56-585.5H of the Code of Virginia, Rider A.5 PCAP Capacity will be applied to applicable customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.5 PCAP Capacity shall effectively be calculated by multiplying the kWh of energy and kW of demand, by the following rates:

Appalachian Power Company-Purchased Capacity-A5				
Summary of Energy & Demand Rates				
Schedule	Differentiat.	Energy Renewables-Compliance RAC A.5	Demand-Renewables-Compliance RAC A.5	Demand Renewables Compliance RAC A.5 Off-Peak
	Rate	per kWh	per kW	per kW
SGS - (231F,233F,234F,213F,281F)				
GS-Secondary (261F)	Block 1		$0.03	$ —
	Block 2			
	Block 3			
GS-Primary(263F)	Block 1		$0.03	$ —
	Block 2			
	Block 3			
GS-Subtransmission (265F)	Block 1		$0.03	$ —
	Block 2			
	Block 3			
GS-Transmission (267F)	Block 1		$0.03	$ —
	Block 2			
	Block 3			
LPS - Secondary (302F)			$0.12	$ —
LPS - Primary (306F)			$0.11	$ —
LPS - Subtransmission (308F) (309F)			$0.19	$ —
LPS - Transmission (310F)			$0.10	$ —

The Rider A.5 PCAP Capacity shall remain in effect until such time as modified by the Commission

V.A. S.C.C. TARIFF NO. 28

NBP Rider F.O.A.D. A.6 Renewables Capacity & Energy

This Rider is designed to collect the Owned Renewables-Capacity & Energy costs associated with Section 56-5851.6 of the Code of Virginia.

AVAILABILITY OF SERVICE

Consistent with Sections 56-585.5F and 56-585.5H of the Code of Virginia, Rider A.6. RPS Renewables-Capacity & Energy will be applied to applicable customer bills on a service rendered basis under the Applicable Schedules or special contracts. The Rider A.6. RPS Renewables-Capacity & Energy shall effectively be calculated by multiplying the kWh of energy and kW of demand, by the following rates:

Appalachian Power Company-Renewables Capacity & Energy-A6				
Summary of Energy & 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		$0.14	$0.00
	Block 2			
	Block 3			
GS-Primary(263F)	Block 1		$0.14	$0.00
	Block 2			
	Block 3			
GS-Subtransmission (265F)	Block 1		$0.13	$0.00
	Block 2			
	Block 3			
GS-Transmission (267F)	Block 1		$0.13	$0.00
	Block 2			
	Block 3			
LPS - Secondary (302F)			$0.47	$0.00
LPS - Primary (306F)			$0.45	
LPS - Subtransmission (308F) (309F)			$0.45	$0.00
LPS - Transmission (310F)			$0.44	

The Rider A.6. RPS Renewables Capacity & Energy shall remain in effect until such time as modified by the Commission.

V.A. S.C.C. TARIFF NO. 28

NBP Rider F.O.A.D. VCEA - NBC

FRR Open Access Distribution – VCEA Costs Net of Benefits

This Rider is designed to collect non-bypassable costs of VCEA compliance, net of benefits, in accordance with Section 56.585.5F of the Code of Virginia

This Rider is composed of an estimate for the energy component of Purchased Power Agreements for VCEA resources, credits associated with the energy component of VCEA resources not recovered in base rates, and a true-up of prior period cost and benefits.

	$/kWh
Rate Year VCEA PPA Energy Costs	$0.00050
Rate Year VCEA Energy Benefits	$(0.00105)
Prior Period VCEA Net Cost/(Benefit)	$(.00004)
Total Rate	$(0.00051)