Dear Mr. Logan:

Enclosed for electronic filing in the above-captioned proceeding, please find an unbound original and one (1) copy of the PUBLIC VERSION of Virginia Electric and Power Company's Application, Direct Testimony, and Schedules in the above-captioned proceeding. An extraordinarily sensitive version is also being filed under seal under separate cover.

Please do not hesitate to contact me if you have any questions regarding this filing.

Highest regards,

/s/ Vishwa B. Link
Vishwa B. Link

Enc.

Cc: William H. Chambliss, Esq.  
C. Meade Browder, Jr., Esq.  
Paul E. Pfeffer, Esq.  
David J. DePippo, Esq.  
Timothy D. Patterson, Esq.  
Briana M. Jackson, Esq.
Application, Direct Testimony, and Schedules of Virginia Electric and Power Company

Before the State Corporation Commission of Virginia

For revision of rate adjustment clause: Rider OSW, Coastal Virginia Offshore Wind Commercial Project, for the Rate Year commencing September 1, 2024

Volume 1 of 1
PUBLIC VERSION

Case No. PUR-2023-00195

Filed: November 1, 2023
Application of Virginia Electric and Power Company, For revision of rate adjustment clause: Rider OSW, Coastal Virginia Offshore Wind Commercial Project, for the Rate Year Commencing September 1, 2024

TABLE OF CONTENTS

Application

Direct Testimony of Joshua Bennett (redacted / contains extraordinarily sensitive information)
Schedule 1 – Bi-Annual Update for Case No. PUR-2021-00292 (redacted / contains extraordinarily sensitive information)

Direct Testimony of Grant T. Hollett (redacted / contains extraordinarily sensitive information)
Schedule 1 – Updated Project Timeline
Schedule 2 – Construction Capital Expenditures (redacted / contains extraordinarily sensitive information)
Schedule 3 – Projected Lifetime Operations and Maintenance Costs (redacted / contains extraordinarily sensitive information)
Schedule 4 – Expected Lifetime Capital Expenditures (redacted / contains extraordinarily sensitive information)

Direct Testimony of Jarad L. Morton
Schedule 1 – LCOE sensitivities

Direct Testimony of Elizabeth B. Lecky
Schedule 1 – Revenue Requirement

Direct Testimony of Christopher C. Hewett
Schedule 1 – Jurisdictional Allocation Factors
Schedule 2 – Virginia Jurisdictional Class Allocation Factors
Schedule 3 – Forecasted Sales and Customers by Revenue Class
Schedule 4 – Rider OSW Tariff Sheet
Schedule 5 – Typical Bill Impacts
Schedule 6 – Projected Lifetime Bill Impact

Filing Schedules 3, 4, 5, 8  Company Witness Elizabeth B. Lecky

Filing Schedule 46A  Company Witness Grant T. Hollett
Statement 1 – Projected and Actual O&M and Capital Costs by Type of Cost and Year
Statement 2 – Transaction Level Details (contains extraordinarily sensitive information)
Statement 3 – Documentation Supporting O&M and Capital Costs (redacted / contains extraordinarily sensitive information)
Filing Schedule 46B  Company Witness Elizabeth B. Lecky
Statement 1 – Annual Revenue Requirement for the Rate Year
Statement 2 – Long-Term Annual Revenue Requirement
Statement 3 – Documentation Supporting Filing Schedule 46B, Statement 2 (redacted / contains extraordinarily sensitive information)

Filing Schedule 46C  Company Witness Christopher C. Hewett
Statement 1 – Allocation of the Revenue Requirement and Rate Design for the Rate Year
Statement 2 – Long-Term Annual Revenue Requirement by Year and Class
VIRGINIA ELECTRIC AND POWER COMPANY'S RIDER OSW
ANNUAL UPDATE FILING AND REQUEST FOR LIMITED WAIVER

Pursuant to § 56-585.1 A 6 (“Subsection A 6”) of the Code of Virginia ("Va. Code") and the directive contained in Ordering Paragraph (5) of the Final Order issued by the State Corporation Commission of Virginia ("Commission") on July 7, 2023, in Case No. PUR-2022-00187,1 Virginia Electric and Power Company ("Dominion Energy Virginia" or the "Company"), by counsel, hereby submits its annual update filing with respect to its Rider OSW ("2023 Annual Update" or "Update") for the Coastal Virginia Offshore Wind Commercial Project ("CVOW Commercial Project" or the "Project"). In support of this 2023 Annual Update, the Company respectfully shows as follows:

GENERAL INFORMATION

1. Dominion Energy Virginia is a public service corporation organized under the laws of the Commonwealth of Virginia furnishing electric service to the public within its certificated service territory. The Company also supplies electric service to non-jurisdictional customers in Virginia and to the public in portions of North Carolina. The Company is engaged in the business of generating, transmitting, distributing, and selling electric power and energy to

1 Application of Virginia Electric and Power Company For revision of rate adjustment clause: Rider OSW, Coastal Virginia Offshore Wind Commercial Project, for the Rate Year commencing September 1, 2023, Case No. PUR-2022-00187, Final Order (July 7, 2023) ("2022 Rider OSW Order").
the public for compensation. The Company is also a public utility under the Federal Power Act, and certain of its operations are subject to the jurisdiction of the Federal Energy Regulatory Commission. The Company is an operating subsidiary of Dominion Energy, Inc.

2. The Company's address is:

Virginia Electric and Power Company
120 Tredegar Street
Richmond, Virginia 23219

3. The names, addresses, and telephone numbers of the attorneys for the Company are:

Paul E. Pfeffer  
David J. DePippo  
Dominion Energy Services, Inc.  
120 Tredegar Street  
Richmond, Virginia 23219  
(804) 787-5607 (PEP)  
(804) 819-2411 (DJD)  
paul.e.pfeffer@dominionenergy.com  
david.j.depippo@dominionenergy.com

Vishwa B. Link  
Timothy D. Patterson  
Briana M. Jackson  
McGuire Woods LLP  
Gateway Plaza  
800 East Canal Street  
Richmond, Virginia 23219  
(804) 775-4330 (VBL)  
(804) 775-1069 (TDP)  
(804) 775-1323 (BMJ)  
vlink@mcguirewoods.com  
tpatterson@mcguirewoods.com  
bmjackson@mcguirewoods.com
BACKGROUND

4. Code § 56-585.1:11 ("Subsection 11") finds that certain utility-owned and utility-operated offshore wind projects are in the public interest:

Construction by a Phase II Utility of one or more new utility-owned and utility-operated generation facilities utilizing energy derived from offshore wind and located off the Commonwealth's Atlantic shoreline, with an aggregate rated capacity of not less than 2,500 megawatts and not more than 3,000 megawatts, along with electrical transmission or distribution facilities associated therewith for interconnection is in the public interest.

5. Along with determining that certain offshore wind facilities are in the public interest, Subsection 11 contemplates cost recovery via a rate adjustment clause ("RAC") to be filed pursuant to Code § 56-585.1 A 6, with costs presumed to be reasonably and prudently incurred if certain competitive solicitation, levelized cost of energy, and construction timeline benchmarks are met:

In acting upon any request for cost recovery by a Phase II Utility or its offshore wind affiliate for costs associated with such a facility, the Commission shall determine the reasonableness and prudence of any such costs, provided that such costs shall be presumed to be reasonably and prudently incurred if the Commission determines that (i) the utility has complied with the competitive solicitation and procurement requirements pursuant to subsection E; (ii) the project's projected total levelized cost of energy, including any tax credit, on a cost per megawatt hour basis, inclusive of the costs of transmission and distribution facilities associated with the facility's interconnection, does not exceed 1.4 times the comparable cost, on an unweighted average basis, of a conventional simple cycle combustion turbine generating facility as estimated by the U.S. Energy Information Administration in its Annual Energy Outlook 2019; and (iii) the utility has commenced construction of such facilities for U.S. income tax purposes prior to January 1, 2024, or has a plan for such facility or facilities to be in service prior to January 1, 2028.

The Code further instructs that "[t]he Commission shall disallow costs, or any portion thereof, only if they are otherwise unreasonably and imprudently incurred" and directs the Commission to "give due consideration to (a) the Commonwealth’s renewable portfolio standards and carbon
6. On August 5, 2022, by its Final Order in Case No. PUR-2021-00142, the Commission, among other things, approved the Company’s request for approval of a rate adjustment clause, designated Rider OSW, pursuant to Code § 56-585.1 A 6, for the recovery of costs associated with the CVOW Commercial Project.

7. On July 7, 2023, in Case No. PUR-2022-00187, the Commission issued the 2022 Rider OSW Order approving the Company’s first annual update to Rider OSW. That Order directed the Company to “file its next Rider OSW application on or before November 1, 2023.”

8. Pursuant to the provisions of the 2022 Rider OSW Order, the Company files this annual Rider OSW Update to inform the Commission of the status of the CVOW Commercial Project and to provide the proposed cost allocation, rate design, and accounting treatment for service rendered during a proposed rate year commencing September 1, 2024 and extending through August 31, 2025 ("Rate Year") as related to proposed Rider OSW. The Company also presents certain Project information in this Update as directed in the Commission’s CVOW Order and 2022 Rider OSW Order.

---

2 Code § 56-585.1:11 C 1.
3 Application of Virginia Electric and Power Company for approval and certification of the Coastal Virginia Offshore Wind Commercial Project and Rider Offshore Wind, pursuant to § 56-585.1:11, § 56-46.1, § 56-265.1 et seq., and § 56-585.1 A 6 of the Code of Virginia, Case No. PUR-2021-00142, Final Order (Aug. 5, 2022) ("CVOW Order").
4 2022 Rider OSW Order at 5.
CVOW COMMERCIAL PROJECT AND EXPENDITURES UPDATE

A. Status of CVOW Commercial Project

9. Company Witnesses Joshua Bennett and Grant T. Hollett provide the status of construction for the Project. The CVOW Commercial Project is proceeding on time and on budget, consistent with the timelines and estimates the Company provided in its original filing, with minor schedule modifications as outlined by Company Witness Hollett. The total Project cost forecast remains $9.8 billion (excluding financing costs), including approximately $1.4 billion of combined transmission costs. As noted in the Company’s Six-Month Status Report filed on May 1, 2023 in Case No. PUR-2022-00187, and as explained in more detail by Company Witness Hollett, there have been slight modifications to the permitting schedule, but the updated milestone schedule dates are not expected to impact the planned project in-service in late 2026. Issuance of final permits is expected to occur in Q1 2024, with onshore and offshore construction commencing shortly thereafter.

10. With respect to construction status, the Company is continuing to work on site preparation, engineering, and procurement activities. This work includes: (i) surveying for unexploded ordinance; (ii) onshore survey activities pertaining to wetlands delineation and right-of-way activities; (iii) engineering and design of all major offshore and onshore components; (iv) manufacturing of offshore export cables; (v) fabrication of offshore substations; (vi) fabrication of transition pieces and monopiles; (vii) continued work towards Bureau of Ocean Energy Management (“BOEM”) milestones for project approval; (viii) progress on upgrades to the Portsmouth Marine Terminal staging port and substantial completion of the monopile delivery wharf and storage areas was completed; (ix) shipment of the first load of eight monopiles; and (x) execution of the lease agreement with Fairwinds Landing for the Operations Base.
B. Operation and Maintenance and Capital Expenditures

11. Company Witness Grant T. Hollett details the Company's actual capital expenses for the Project through July 2023, as well as budget plans for the Project's capital expenditures up until the Project begins commercial operation, projected lifetime operations and maintenance costs, and expected lifetime capital expenditures.

12. Company Witness Hollett's testimony also identifies and explains variances for cost categories exhibiting a variance of greater than 5% from the respective budget. The Soft Cost category was approximately 5.9% above budget due to increased costs within the Project Management sub-category. The Construction & Equipment category was approximately 5.4% below budget primarily due to hedging of the exchange rate for euro-based contracts. The Contingency category increased by approximately 30.4% as a result of offsets in other categories and specifically the currency hedging savings from the Construction & Equipment cost category. The On Shore Work Scope category was approximately 18.5% above budget primarily due to the increases in the PJM Interconnection, LLC Network Upgrades, Generator Onshore Electrical, and Port Upgrade sub-categories.

13. As part of this Update proceeding, the Company respectfully requests that the Commission approve the updated expenditures for the CVOW Commercial Project, subject to subsequent true-ups, and find that such expenditures are reasonable and prudent in order to fulfill the Company's service obligations as a public electric utility.

C. LCOE Update

14. The Company provides an update to the Levelized Cost of Energy ("LCOE") calculation with the most current financing assumptions, consistent with those used in the 2023
RPS proceeding, and incorporated the REC proxy value methodology approved by the Commission in the RPS Cost Allocation proceeding.

15. The CVOW Commercial Project’s updated LCOE is $77 per megawatt hour (“MWh”) in 2027 dollars, inclusive of the 30% production tax credit ($86 per MWh without accounting for the value of RECs). The LCOE for the Project in 2018 dollars is $64 per MWh ($72 per MWh without accounting for the value of RECs).

16. In the 2022 Rider OSW Order, the Commission adopted the Hearing Examiner’s finding that “[i]n addition to its 30-year base case LCOE calculation with the most current assumptions, the Company should be directed to provide two additional sensitivities in its next Rider OSW filing: one sensitivity utilizing a 25-year life expectancy for the Project and another using a 35-year life expectancy for the Project.” Company Witness Jarad L. Morton provides these sensitivities.

D. Other Requirements of Final Orders

17. In the CVOW Final Order, the Commission required the Company in its annual update filings to provide certain Project-specific information or analyses. These requirements include advising of any material changes to the Project, including reports filed regarding Project-related affiliate matters, describing cost overruns, and providing projected lifetime bill impacts for the Project, among others. Company Witness Joshua Bennett’s testimony addresses these requirements and refers to the testimony of other Company Witnesses where appropriate.

18. In addition to the long-term bill analysis sensitivities and the LCOE sensitivities described elsewhere herein, the 2022 Rider OSW Final Order also directed the Company to comply with certain uncontested recommendations made by the Commission Staff (“Staff”). Specifically, Staff recommended that the Company (i) incorporate the REC proxy value
methodology approved by the Commission in the RPS Cost Allocation Case (Case No. PUR-2021-00156) in future proceedings; (ii) include the workpapers supporting the previous year’s LCOE calculations as part of future LCOE updates for comparison purposes and to reduce the discovery burden on Staff and other case participants; and (iii) in its direct testimony, report the LCOE calculations without adjusting for the value of the RECs. Company Witness Jarad L. Morton’s direct testimony addresses these recommendations.

ACCOUNTING UPDATE

A. Rate of Return on Common Equity

19. For purposes of this Application and consistent with the Commission’s November 18, 2021 Final Order in the Company’s 2021 Triennial Review proceeding in Case No. PUR-2021-00058, the Company is utilizing the approved ROE of 9.35% for the period November 18, 2021 to February 29, 2024. In addition, the capital structure used in the calculation of the revenue requirement reflects the methodology proposed by Staff and approved by the Commission in that Final Order. For the period beyond February 29, 2024, the Company is utilizing the ROE of 9.7% as set forth in recently enacted legislation, Senate Bill 1265, from the 2023 Regular Session of the Virginia General Assembly.

B. Revenue Requirement Update

20. The revenue requirement calculation for the continuation of the Rider OSW RAC is described in detail in the testimony of Company Witness Elizabeth B. Lecky.

21. The proposed rate year for this proceeding is from September 1, 2024, through August 31, 2025. The two key components of the revenue requirement in this proceeding are the Projected Cost Recovery Factor and the Actual Cost True-Up Factor.
22. The Projected Cost Recovery Factor includes financing costs for rate base during the Rate Year. The Actual Cost True-Up Factor credits to, or recovers from, customers any over/under recovery of costs from the most recently completed calendar year. Actual revenues during the test year are compared to actual costs incurred during the test year. Any difference in these amounts becomes the Actual Cost True-Up Factor credited to, or recovered from, customers through the total revenue requirement requested for recovery during the Rate Year.

23. The total revenue requirement requested for recovery in this 2023 Annual Update is $485,933,455.

24. The Company’s revenue requirement presented in this proceeding is consistent with the calculations approved in the Final Order in Case No. PUR-2022-00187 with the exception that the Company is utilizing an updated lead/lag study based on calendar year 2021 data, which a revenue lag based on calendar year 2022 data, in its cash working capital calculations in this filing. After consultation with Staff, it is the Company’s understanding that any issues related to the lead/lag study will be litigated in the Company’s pending Rider GV proceeding, Case No. PUR-2023-00094.

RATE DESIGN UPDATE

A. Revised Rider OSW Tariff

25. The Company is proposing an updated Rider OSW tariff, which is sponsored by Company Witness Christopher C. Hewett. Mr. Hewett identifies the rates, in either cents per kilowatt-hour or dollars per kilowatt, that will apply to each Company Rate Schedule. If approved as proposed, the revised Rider OSW will be effective for usage on and after September 1, 2024.
B. Rider OSW Impact on Customer Bills

26. The implementation of the proposed Rider OSW on September 1, 2024, will increase the typical residential customer’s monthly bill, based on 1,000 kWh per month, by $3.89 compared to the current Rider OSW. Mr. Hewett’s testimony provides typical monthly bill impacts for Residential Schedule 1, General Service Schedules GS-1, GS-2, GS-3, and GS-4, and Church Schedule 5C at several representative levels of consumption and demand.

27. Company Witness Hewett provides the projected bill impact of Rider OSW, by year, over the life of the rider for a residential customer’s monthly bill, as well as examples of projected bill impacts for small general service customers and large general service customers, as directed in the CVOW Order. As directed in the 2022 Rider OSW Order, Mr. Hewett also provides two long-term bill analysis sensitivities. One analysis accounts for projected load growth by applying projected allocation factors and sales growth rates derived from the Company’s internal load forecast, while the other holds constant current allocation factors and customer load over the life of the rider.

C. Request for Rate Effective Date

28. As Mr. Hewett explains, the Company respectfully requests for billing purposes, a rate effective date for usage on and after the latter of September 1, 2024, or the first day of the month which is at least fifteen (15) days following the date of any Commission Order approving Rider OSW.
In support of this Application, the Company presents the pre-filed direct testimony and exhibits of the following witnesses: Joshua Bennett, Grant T. Hollett, Jarad L. Morton, Elizabeth B. Lecky, and Christopher C. Hewett.

A. Filing Schedules

Rule 60 of the Rate Case Rules, 20 VAC 5-204-5 et seq., provides that a rate adjustment clause application "shall include Schedule 46" and that, additionally, those "applications requiring an overall cost of capital shall include Schedules 3, 4, 5, and 8."

With this Application, the Company files the following Filing Schedules:

a. Filing Schedules 3 through 5 and Filing Schedule 8, sponsored by Company Witness Elizabeth B. Lecky, provide information regarding the Company's cost of capital.

b. Filing Schedule 46A, sponsored by Company Witness Grant T. Hollett, consists of Statements 1 through 3. Filing Schedule 46A Statement 1 provides the projected and actual costs sought for recovery by type of cost and year, for the Project. Filing Schedule 46A Statement 2 provides transaction level details. Filing Schedule 46A Statement 3 provides key documents supporting the incremental costs for the Project.

c. Filing Schedule 46B, sponsored by Company Witness Elizabeth B. Lecky, consists of Statements 1 through 3. Filing Schedule 46B, Statement 1, provides the estimated annual revenue requirement for the rate year ending August 31, 2025. Filing Schedule 46B, Statement 2, provides the estimated annual revenue requirement over the duration of the project, by year on a total company basis and a Virginia jurisdictional basis. Filing Schedule 46B, Statement 3, provides the workpapers showing all supporting calculations and assumptions for the estimated annual revenue requirement.

d. Filing Schedule 46C, sponsored by Company Witness Christopher C. Hewett, consists of Statements 1 and 2. Filing Schedule 46C, Statement 1, provides the Company's methodology for allocating the proposed revenue requirement among the rate classes and the design of the class rates. Filing Schedule 46C, Statement 2, provides the annual revenue requirement for Rider OSW by customer class over the duration of the RAC.
B. Request for Waiver of Filing Schedule 46 Requirements

32. The Company, for good cause shown and pursuant to Rate Case Rule 10 E, respectfully requests that the Commission waive, in part, the requirements under Rule 60 and Rule 90 of the Rate Case Rules with respect to paper copies of certain Filing Schedule 46 materials. Specifically, the Rate Case Rules require the Company to provide key documents supporting the projected and actual costs of the Project, such as: economic analyses, support used by senior management for major cost decisions as determined by the applicant, contracts, results from requests for proposals, cost-benefit analyses, and other items supporting the costs that have not been provided in previous applications. The supporting documentation responsive to this requirement is voluminous and, often, not easily viewed in hard copy (i.e., paper) format. Accordingly, the Company seeks waiver of the requirement to file 15 hard copies of this information. Instead, the Company proposes to provide this documentation to Staff and any other future case participant in electronic format, and to provide the Commission with one hard copy and three electronic copies on compact discs. The Company will make these documents available via an electronic discovery site ("eRoom") contemporaneously with the filing of the Application, with immediate access available to Staff. This request for waiver is consistent with recent Commission orders granting similar limited waivers. Should the Commission deny this request, the Company asks for a reasonable allowance of time to print the requisite filing copies of this material and submit it to the Commission prior to the Company's Application being deemed incomplete.

5 See e.g., Petition of Virginia Electric and Power Company, For revision of a rate adjustment clause, designated Rider GT, under § 56-585.1 A 6 of the Code of Virginia, Case No. PUR-2023-00136, Order for Notice and Hearing at 19 (Aug. 30, 2023); Petition of Virginia Electric and Power Company, For approval of its 2023 RPS Development Plan under § 56-585.5 D 4 of the Code of Virginia and related requests, Case No. PUR-2023-00142 Order on Waiver Requests at 6 (Aug. 29, 2023).
REQUEST FOR CONFIDENTIAL TREATMENT AND ADDITIONAL PROTECTIVE TREATMENT FOR EXTRAORDINARILY SENSITIVE INFORMATION

33. The Company’s Application, including supporting documents, contains confidential and extraordinarily sensitive information as designated. Accordingly, in compliance with Rate Case Rule 10 F and Rule 170 of the Commission’s Rules of Practice and Procedure, this filing is accompanied by a contemporaneously-filed Motion for Entry of a Protective Order and Additional Protective Treatment, including a Proposed Protective Order.

COMPLIANCE WITH RULE 10 OF THE RATE CASE RULES

34. The Company’s 2023 Annual Update complies with the requirements contained in Rule 10 of the Rate Case Rules.

35. In accordance with Rule 10 A, the Company filed with the Commission its notice of intent to file this Application on September 1, 2023, and provided that notice to those listed in Rule 10 J 1, as required by that subsection.

36. The Company has included all information required by Rule 10 B in its Application, including a table of contents, direct testimonies with one-page summaries, and properly labeled exhibits and schedules.

37. In accordance with Rule 10 H, the Company will make a searchable PDF version of the Application, direct testimonies, and Filing Schedules available via an eRoom contemporaneously with this filing, with immediate access available to (i) Staff, including identified members of the Divisions of Utility Accounting and Financing and Public Utility Regulation; and (ii) identified members of the Office of the Attorney General’s Division of

---

6 20 VAC 5-204-10 F; 5 VAC 5-20-170.
Consumer Counsel ("Consumer Counsel"). Also, in accordance with Rule 10 H, the Company will make electronic spreadsheets supporting the schedules that contain calculations available via an eRoom contemporaneously with this filing, with immediate access available to Staff.

CONCLUSION

WHEREFORE, Dominion Energy Virginia respectfully requests that the Commission (i) find that the costs presented in this Rider OSW Annual Update are reasonable and prudent; (ii) approve the proposed revenue requirement, cost allocation, rate design, and accounting treatment for service rendered on or after September 1, 2024; (iii) approve the Company’s proposed Rider OSW effective for usage on or after September 1, 2024 or the first day of the month which is at least fifteen (15) days following the date of any Commission order approving Rider OSW; (iv) grant the Company’s requested limited waiver; and (v) grant such other relief as deemed appropriate and necessary.

Respectfully submitted,

VIRGINIA ELECTRIC AND POWER COMPANY

By: /s/ Vishwa B. Link

Counsel

Paul E. Pfeffer
David J. DePippo
Dominion Energy Services, Inc.
120 Tredegar Street
Richmond, Virginia 23219
(804) 787-5607 (PEP)
(804) 819-2411 (DID)
paul.e.pfeffer@dominionenergy.com
david.j.depippo@dominionenergy.com

7 Rule 10 J 3 requires the Company to provide a copy of the complete public version of the filing to Consumer Counsel at the same time it is filed with the Commission. As noted, pursuant to Rule 10 H, the Company will make a searchable PDF version of the Application, direct testimonies, and Filing Schedules available via an eRoom contemporaneously with this filing, with immediate access available to Consumer Counsel.
November 1, 2023