

May 22, 2023

**VIA ELECTRONIC DELIVERY**

Ms. A. Shonta Dunston, Chief Clerk  
North Carolina Utilities Commission  
Dobbs Building  
430 North Salisbury Street  
Raleigh, North Carolina 27603-5918

**Re: Docket No. E-100, Sub 192**  
***2023 Integrated Resource Plan – Corrected Capacity and Energy Charts***

Dear Ms. Dunston:

On May 1, 2023, Virginia Electric and Power Company, d/b/a Dominion Energy North Carolina (“DENC” or the “Company”), filed its 2023 Integrated Resource Plan (the “2023 IRP”). Subsequent to the filing, the Company identified an error in the 2023 IRP.

Specifically, there was a calculation error in the number of megawatts (“MW”) or gigawatts hours (“GWh”) identified for the capacity and energy gaps in Figures 2.1.1, 2.1.2, 2.1.4, 2.1.5, 4.1.3.3, 4.1.3.4, 4.1.3.5, and 4.1.3.6. The correction of hours does not affect the actual gaps shown in the figures, but merely corrects the number to the right of the charts. No other changes were made to these figures. This affects pages 19 through 22 and 52 through 54 of the 2023 IRP.

Accordingly, please find enclosed for filing in the above-captioned proceeding corrected pages 19 – 22 and 52 – 54 of the 2023 IRP, which are intended to replace the version of these pages filed on May 1, 2023.

Please do not hesitate to contact me if you have any questions. Thank you for your assistance in this matter.

Very truly yours,

/s/Andrea R. Kells

ARK:sbc  
Enclosures

cc: Lucy Edmondson, Public Staff—North Carolina Utilities Commission  
Robert Josey, Public Staff—North Carolina Utilities Commission  
Nadia L. Luhr, Public Staff—North Carolina Utilities Commission

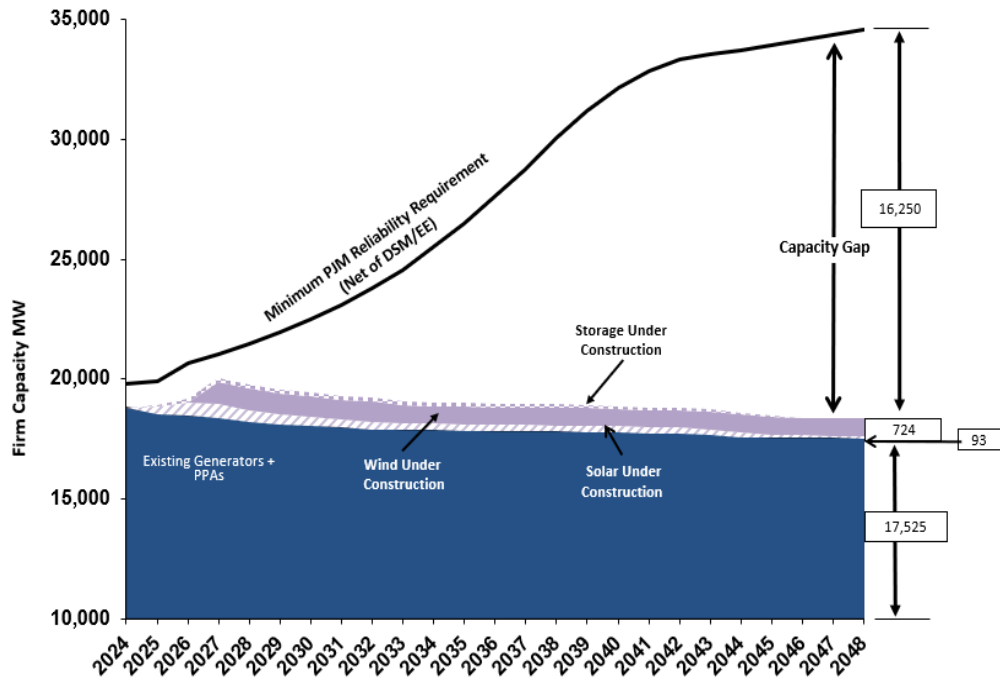
## Chapter 2: Results of Integrated Planning Process

This chapter presents the results of the integrated planning process, including the Company's current positions, the Alternative Plans presented to meet the future needs of the Company's customers, the net present value ("NPV") of each Alternative Plan, and sensitivities on the Alternative Plans. This section also includes the results of the reliability analysis associated with the Alternative Plans and the results of a Virginia bill analysis.

### 2.1 Capacity, Energy, and REC Positions

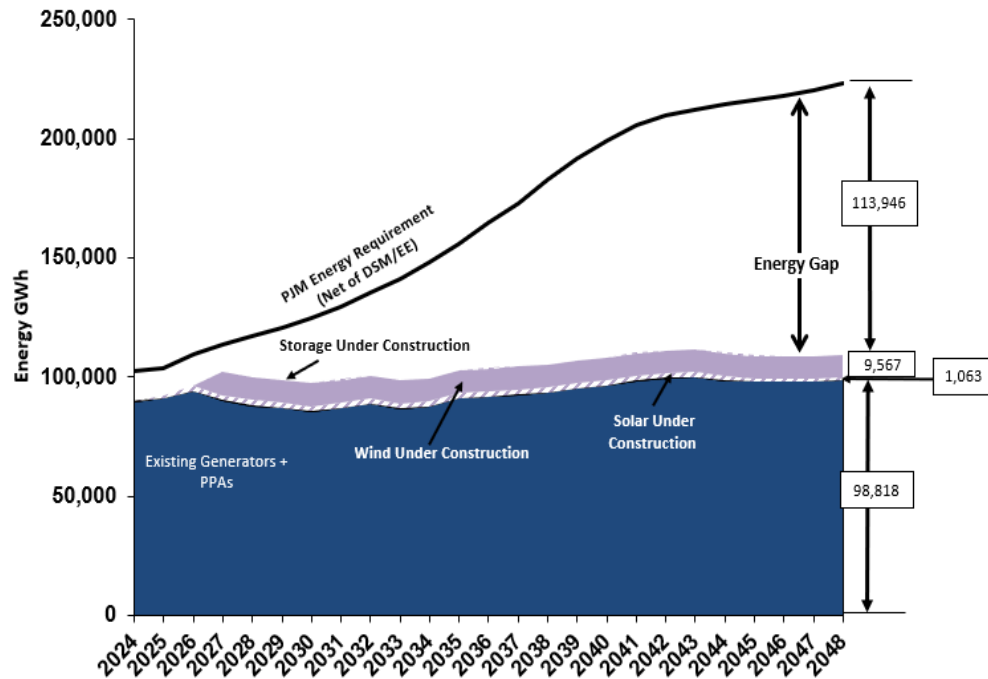
Figures 2.1.1, 2.1.2, and 2.1.3 represent the Company's current capacity (summer), energy, and REC positions under the Virginia RPS Program using unit retirement assumptions in Alternative Plan B.

**Figure 2.1.1 - Current Company Summer Capacity Position with Plan B Retirement Assumptions (2024 to 2048)**



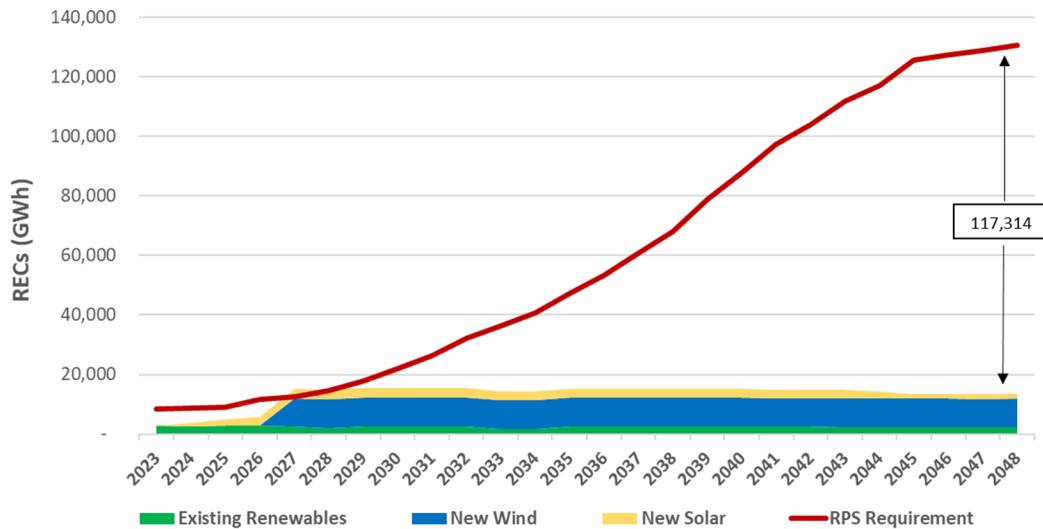
Notes: "PPAs" = power purchase agreements; "DSM" = demand side management; "EE" = energy efficiency.

**Figure 2.1.2 – Current Company Annual Energy Position with Plan B Retirement Assumptions (2024 to 2048)**



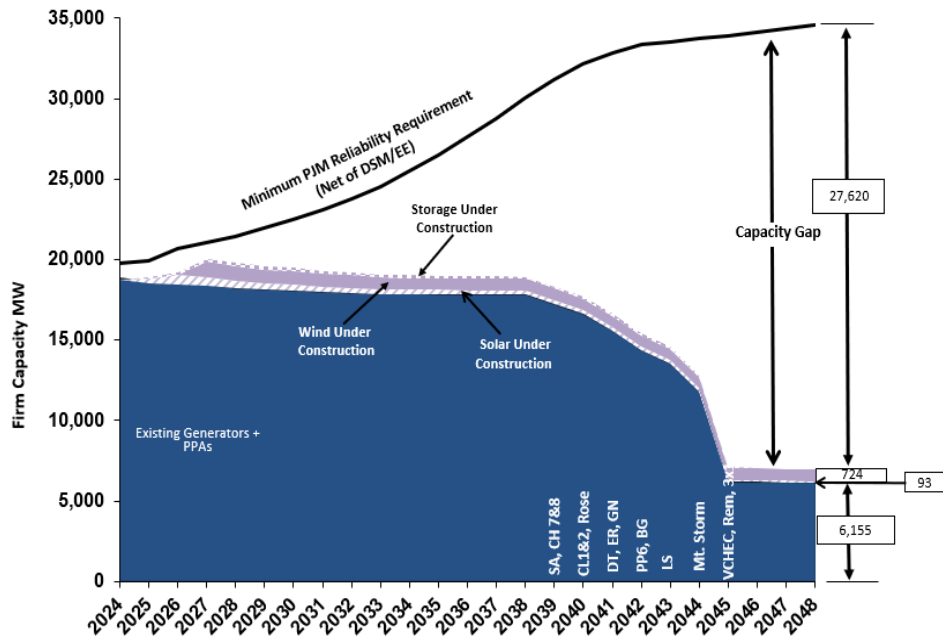
Notes: "PPAs" = power purchase agreement; "DSM" = demand side management "EE" = energy efficiency.

**Figure 2.1.3: Current Company REC Position under Virginia RPS Program with Plan B Retirement Assumptions (2023 to 2048)**



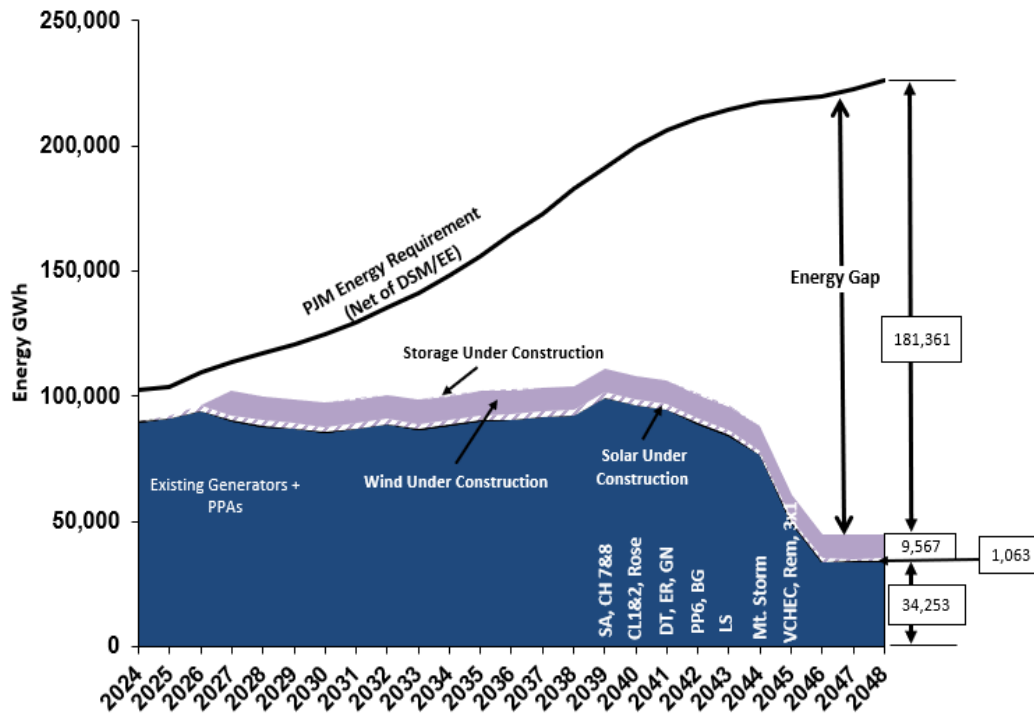
Figures 2.1.4, 2.1.5, and 2.1.6 represent the Company's current capacity (summer), energy, and REC positions under the Virginia RPS Program using unit retirement assumptions in Alternative Plan D.

**Figure 2.1.4 - Current Company Summer Capacity Position with Plan D Retirement Assumptions (2024 to 2048)**



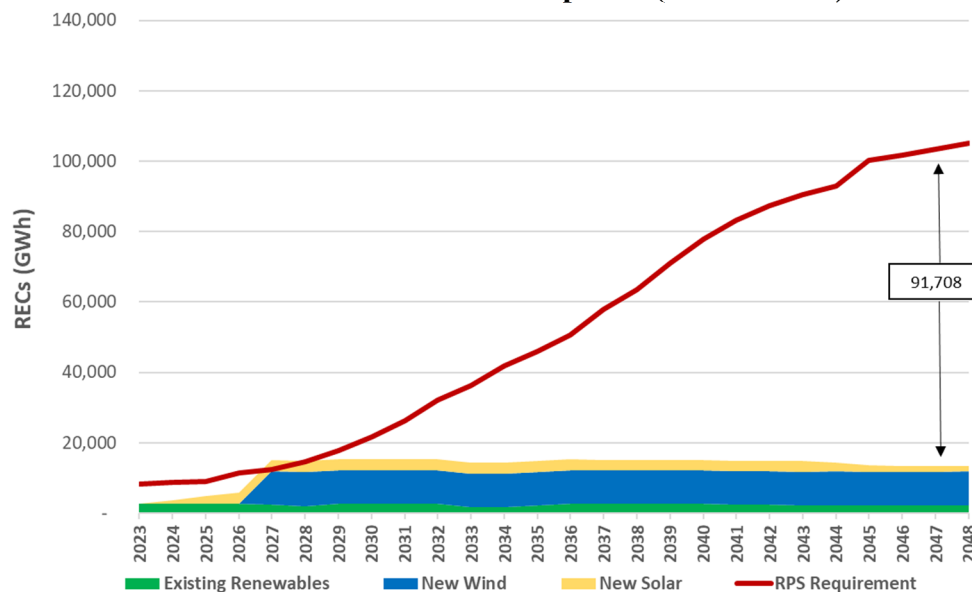
Notes: “PPAs” = power purchase agreements; “DSM” = demand side management; “EE” = energy efficiency; “SA” = South Anna; “CH7&8” = Chesterfield Units 7&8 (gas); “CL1&2” = Clover Units 1 & 2 (coal); “Rose” = Rosemary (oil); “DT” = Darbytown CTs (gas/oil); “ER” = Elizabeth River CTs (gas/oil); “GN” = Gravel Neck CTs (oil); “PP6” = Possum Point 6 (gas); “BG” = Bear Garden (gas); “LS” = Ladysmith CTs (gas/oil); “Mt Storm” = Mount Storm in West Virginia (coal); “VCHEC” = Virginia City Hybrid Energy Center (coal/gob/biomass); “Rem” = Remington (gas); “3x1” = Greenville, Brunswick and Warren (gas).

**Figure 2.1.5 - Current Company Annual Energy Position with Plan D Retirement Assumptions (2024 to 2048)**

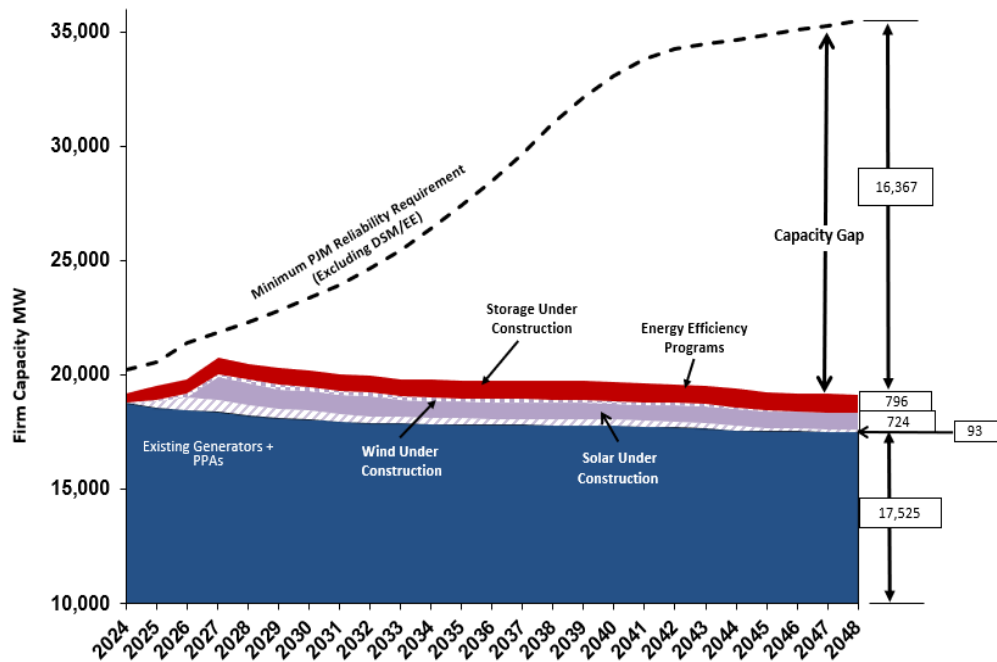


Notes: “PPAs” = power purchase agreements; “DSM” = demand side management; “EE” = energy efficiency; “SA” = South Anna; “CH7&8” = Chesterfield Units 7&8 (gas); “CL1&2” = Clover Units 1 & 2 (coal); “Rose” = Rosemary (oil); “DT” = Darbytown CTs (gas/oil); “ER” = Elizabeth River CTs (gas/oil); “GN” = Gravel Neck CTs (oil); “PP6” = Possum Point 6 (gas); “BG” = Bear Garden (gas); “LS” = Ladysmith CTs (gas/oil); “Mt Storm” = Mount Storm in West Virginia (coal); “VCHEC” = Virginia City Hybrid Energy Center (coal/gob/biomass); “Rem” = Remington (gas); “3x1” = Greenville, Brunswick and Warren (gas).

**Figure 2.1.6: Current Company REC Position under Virginia RPS Program with Plan D Retirement Assumptions (2023 to 2048)**

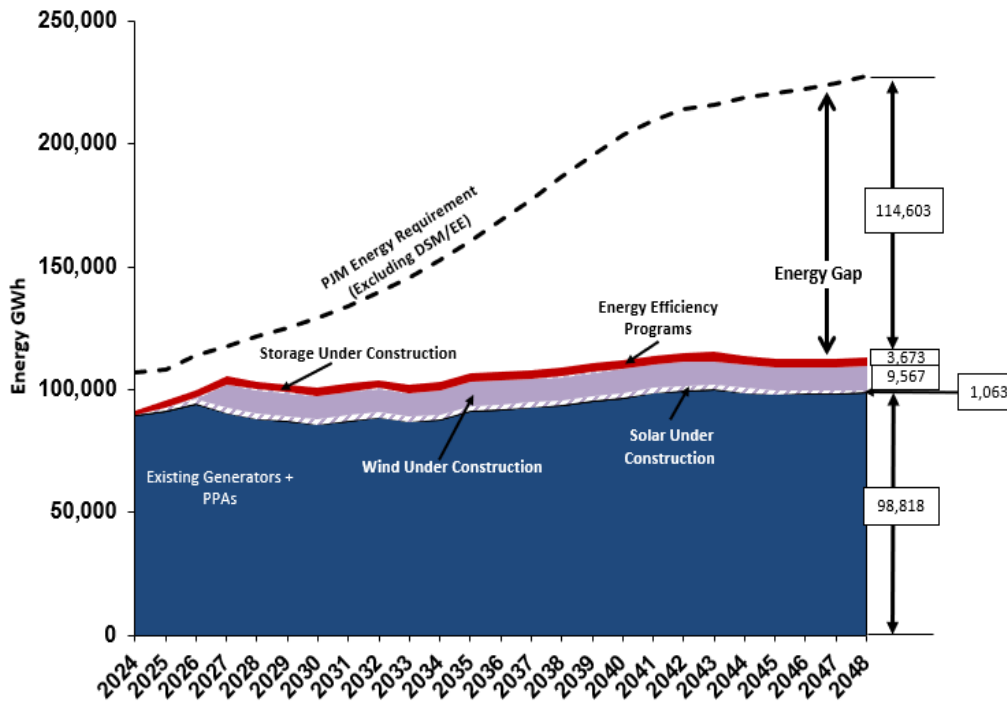


**Figure 4.1.3.3 - Current Company Plan B Summer Capacity Position (2024 to 2048)**



Notes: “PPAs” = power purchase agreements; “DSM” = demand side management; “EE” = energy efficiency.

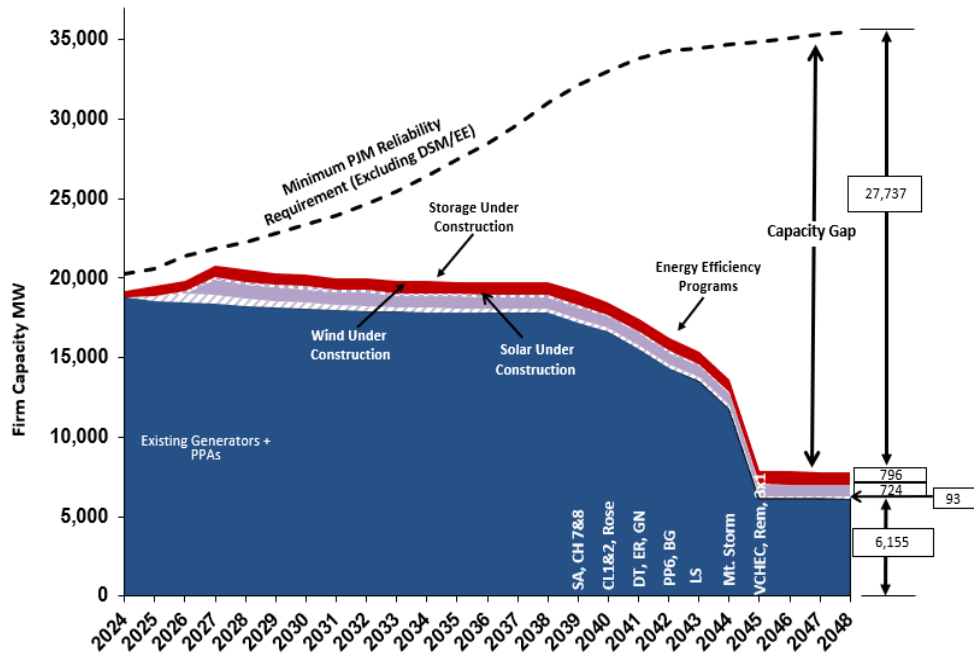
**Figure 4.1.3.4 - Current Company Plan B Energy Position (2024 to 2048)**



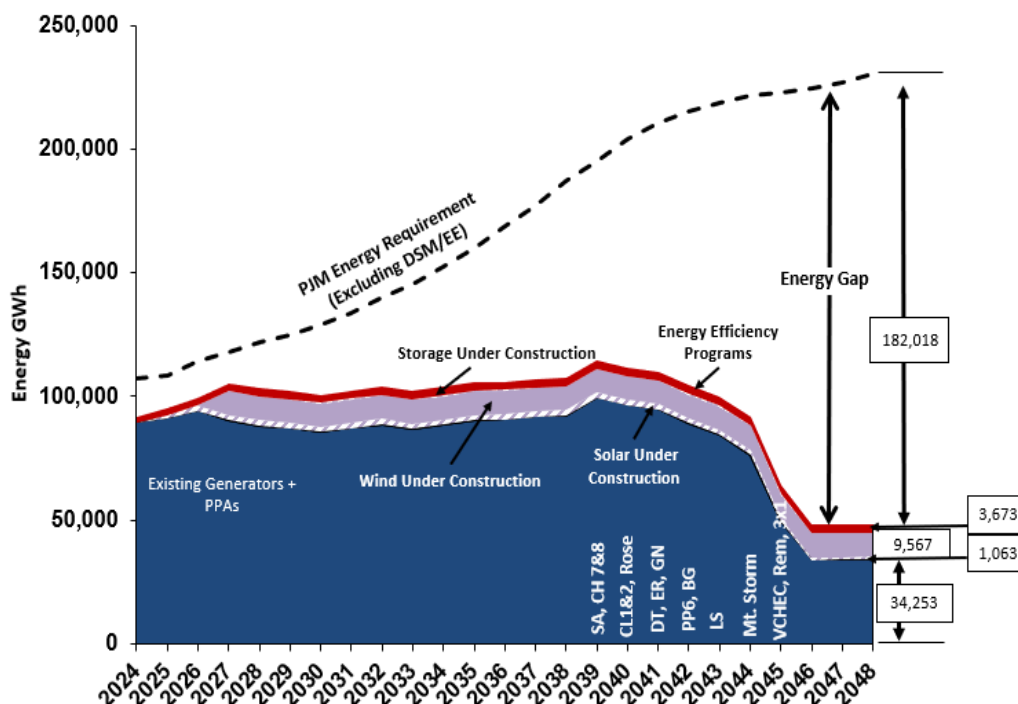
Notes: “PPAs” = power purchase agreements; “DSM” = demand side management; “EE” = energy efficiency.

Figures 4.1.3.5 and 4.1.3.6 show the Company's current capacity and energy position with DSM modeled as a supply-side resource using unit retirement assumptions for Alternative Plan B.

**Figure 4.1.3.5 - Current Company Plan D Summer Capacity Position (2024 to 2048)**



Notes: "PPAs" = power purchase agreements; "DSM" = demand side management; "EE" = energy efficiency; "SA" = South Anna; "CH7&8" = Chesterfield Units 7&8 (gas); "CL1&2" = Clover Units 1 & 2 (coal); "Rose" = Rosemary (oil); "DT" = Darbytown CTs (gas/oil); "ER" = Elizabeth River CTs (gas/oil); "GN" = Gravel Neck CTs (oil); "PP6" = Possum Point 6 (gas); "BG" = Bear Garden (gas); "LS" = Ladysmith CTs (gas/oil); "Mt Storm" = Mount Storm in West Virginia (coal); "VCHC" = Virginia City Hybrid Energy Center (coal/gob/biomass); "Rem" = Remington (gas); "3x1" = Greenville, Brunswick and Warren (gas).

**Figure 4.1.3.6 - Current Company Plan D Energy Position (2024 to 2048)**

Notes: “PPAs” = power purchase agreements; “DSM” = demand side management; “EE” = energy efficiency; “SA” = South Anna; “CH7&8” = Chesterfield Units 7&8 (gas); “CL1&2” = Clover Units 1 & 2 (coal); “Rose” = Rosemary (oil); “DT” = Darbytown CTs (gas/oil); “ER” = Elizabeth River CTs (gas/oil); “GN” = Gravel Neck CTs (oil); “PP6” = Possum Point 6 (gas); “BG” = Bear Garden (gas); “LS” = Ladysmith CTs (gas/oil); “Mt Storm” = Mount Storm in West Virginia (coal); “VCHEC” = Virginia City Hybrid Energy Center (coal/gob/biomass); “Rem” = Remington (gas); “3x1” = Greenville, Brunswick and Warren (gas).

#### 4.1.4 Retail Choice Adjustment

The load forecasts in this 2023 Plan include a downward adjustment for customers within the Company’s service territory who have chosen to purchase energy and capacity from third-party retail electric suppliers under Va. Code § 56-577 (“Choice Customers”). To develop this forecast the Company first identified the group of current Choice Customers. The Company then determined the annual energy for this set of customers over 2022. Finally, the Company shaped the total energy into hourly intervals using historic Choice Customer interval data.

The summation of each customer’s average annual energy and capacity use then formed the starting point for the Choice Customer forecast. The Va. Code §56-577 A 3 customers, whose most recent period demand exceeded five MWs, are also required to provide the Company a 5-year written notice to return to Company service. The Company, to date, has not received such written notice, and has not made any assumptions regarding customers returning to purchase energy and capacity service from the Company. Figure 4.1.4.1 identifies the Choice Customer peak demand and energy forecast adjustment in this 2023 Plan.



**CERTIFICATE OF SERVICE**

I hereby certify that a copy of the foregoing 2023 Integrated Resource Plan  
Corrected Pages 19 through 22 and 52 through 54 filed in Docket No. E-100, Sub 192  
was served electronically or via U.S. mail, first class postage prepaid, upon all parties of  
record.

This the 22nd day of May, 2023.

/s/Andrea R. Kells

Andrea R. Kells

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