

Dominion Energy Nuclear Connecticut, Inc.
Millstone Power Station
314 Rope Ferry Road, Waterford, CT 06385
DominionEnergy.com



Serial No. RA-24-002
MPS NSSL/LD R0
Docket No. F – 2024/2025

Melanie A. Bachman
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

FEB 12 2024

Re: Docket No. F – 2024/2025 – Connecticut Siting Council Review of the Ten-Year Forecast of Connecticut Electric Loads and Resources – Dominion Energy Nuclear Connecticut, Inc.

Dear Ms. Bachman:

Pursuant to the provisions of Section 16-50r of the Connecticut General Statutes, Dominion Energy Nuclear Connecticut, Inc. (DENC) submits the attached report of its ten-year forecast of loads and resources. DENC is the majority owner and licensed operator of Millstone Power Station located in Waterford, Connecticut.

Should you have any questions, please contact Ms. Susan Adams, State Policy Director at (860) 444-5377.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael J O' Connor".

Michael J O' Connor
Site Vice President – Millstone

Attachment 1: Docket No. F – 2024/2025, Review of the Ten-Year Forecast of Connecticut Electric Loads and Resources

cc: Susan Adams
W. S. Blair, Esq.

ATTACHMENT 1

Docket No. F – 2024/2025
Review of the Ten-Year Forecast of
Connecticut Electric Loads and Resources

MILLSTONE POWER STATION
DOMINION ENERGY NUCLEAR CONNECTICUT, INC. (DENC)

**STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL**

IN RE : **Docket No. F – 2024/2025**

**REVIEW OF THE TEN-YEAR FORECAST
OF CONNECTICUT ELECTRIC LOADS
AND RESOURCES** :

Date: **FEB 12 2024**

REPORT OF FORECAST OF LOADS AND RESOURCES
DOMINION ENERGY NUCLEAR CONNECTICUT, INC.

Pursuant to the provisions of Section 16-50r of the General Statutes, Dominion Energy Nuclear Connecticut, Inc. (DENC), the operator of Millstone Power Station (Millstone), hereby submits this report of its ten-year forecast of loads and resources. Millstone consists of three power generating units. Millstone Unit 1, owned in its entirety by DENC, permanently ceased operations in 1998. Millstone Unit 2 is owned in its entirety by DENC. DENC owns 93.47% of Millstone Unit 3. The remaining interest in Millstone Unit 3 is owned by the Massachusetts Municipal Wholesale Electric Company and Green Mountain Power Corporation sharing 4.8% and 1.73%, respectively.

(1) A Tabulation of Estimated Peak Load, Resources and Margins for Each Year

Millstone Units 2 and 3 are DENC's sole power generating assets in the State of Connecticut. DENC acquired Millstone on March 31, 2001, acquiring rights to all generation beginning April 1, 2001. Millstone Unit 2 has the capacity to generate 876 net megawatts (MW) of electricity and Millstone Unit 3 has the capacity to generate 1,251 net MW of electricity. (Recent Establish CCA Audit Net

Output). DENC, as a wholesale power producer, does not have a franchise territory within which it would estimate peak load requirements or margins for the period 2023 through 2032. Therefore, no such estimates are offered.

(2) Data on Energy Use and Peak Loads for the Five Preceding Calendar Years

In the time period January 1, 2019 to December 31, 2019 (calendar year 2019), Millstone generated 16,733,395 megawatt-hours of electricity for sale into the New England power grid.

In the time period January 1, 2020 to December 31, 2020 (calendar year 2020), Millstone generated 15,713,162.01 megawatt-hours of electricity for sale into the New England power grid.

In the period of January 1, 2021 to December 31, 2021 (calendar year 2021), Millstone generated 17,216,508.27 megawatt-hours of electricity for sale into the New England power grid.

In the period of January 1, 2022 to December 31, 2022 (calendar year 2022), Millstone generated 16,464,177.71 megawatt-hours of electricity for sale into the New England power grid.

In the period of January 1, 2023 to December 31, 2023 (calendar year 2023), Millstone generated 13,669,459.65 megawatt-hours of electricity for sale into the New England power grid.

(3) A List of Existing Generating Facilities in Service

Millstone Unit 2

Millstone Unit 3

- (4) **A List of Scheduled Generating Facilities For Which Property Has Been Acquired, For Which Certificates Have Been Issued, and For Which Certificate Applications Have Been Filed.**

None.

- (5) **A List of Planned Generating Units at Plant Locations For Which Property Has Been Acquired, or at Plant Locations not Yet Acquired, That Will Be Needed to Provide Estimated Additional Electrical Requirements, and the Location of Such Facilities.**

None.

- (6) **A List of Planned Transmission Lines on Which Proposed Route Reviews Are Being Undertaken or For Which Certificate Applications Have Already Been Filed.**

None.

- (7) **A Description of the Steps Taken to Upgrade Existing Facilities and to Eliminate Overhead Transmission and Distribution Lines in Accordance with the Regulations and Standards Described in Section 16-50t.**

None.

- (8) **Private Power Producers**

Not applicable.

Respectfully submitted,

DOMINION ENERGY NUCLEAR CONNECTICUT, INC.

By  _____

Michael J O' Connor
Site Vice President – Millstone