

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



FEB 26 2021

Serial No. RA-21-004
MPS NSSL/LD R0
Docket No. F – 2021/2022

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

Re: Docket No. F – 2021/2022 – 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. In accordance with the Council's instructions, an original copy of this letter and 15 copies are enclosed.

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

Sincerely,


John R. Daugherty
Site Vice President – Millstone

Attachment 1: Docket No. F – 2021/2022, Review of the Ten-Year Forecast of Connecticut Electric Loads and Resources

cc: Mary L. Nuara
W. S. Blair, Esq.

ATTACHMENT 1

Docket No. F – 2021/2022
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 – 2021/2022

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

Date: FEB 26 2021

**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 883.5 net megawatts (MW) of electricity and Millstone Unit 3 has the capacity to generate 1,227.0 net MW of electricity.

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 2019 through 2028. 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, 2016 to December 31, 2016 (calendar year 2016), Millstone generated 16,569,494 megawatt-hours of electricity for sale into the New England power grid.

In the time period January 1, 2017 to December 31, 2017 (calendar year 2017), Millstone generated 16,499,621, megawatt-hours of electricity for sale into the New England power grid.

In the time period January 1, 2018 to December 31, 2018 (calendar year 2018), Millstone generated 16,881,418 megawatt-hours of electricity for sale into the New England power grid.

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.

(3) A List of Existing Generating Facilities in Service

Millstone Unit 2	883.5 MW Generating Capacity (Nameplate Capacity)
Millstone Unit 3	1,227.0 MW Generating Capacity (Nameplate Capacity)

- (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.

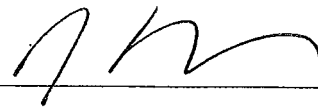
- (8) **Private Power Producers**

Not applicable.

Respectfully submitted,

DOMINION ENERGY NUCLEAR CONNECTICUT, INC.

By _____



John R. Daugherty
Site Vice President – Millstone