

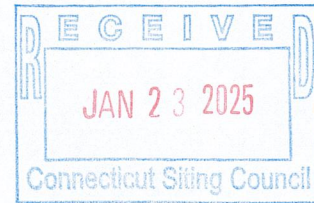


Milford Power Company

55 Shelland Street
Milford, CT 06461
203.647.1500

January 22, 2025

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



RE: Docket No F-2006 – Connecticut Siting Council Review of the Ten-Year Forecast of Connecticut Electric Loads and Resources – Milford Power Company, LLC for the year 2024

Dear Ms. Bachman,

Pursuant to Section 16-50r of the Connecticut General Statutes, Milford Power Company, LLC submits the attached report of its ten-year forecast of loads and resources. In accordance with the Council's instructions, original and 20 copies are enclosed.

Sincerely,

Gregory Russell
Plant Manager
Milford Power Company, LLC

Attachments:

REPORT OF FORECAST OF LOADS AND RESOURCES
MILFORD POWER COMPANY, LLC

Pursuant to the provisions of Section 16-50r of the General Statutes, Milford Power Company, LLC as a private power producer submits the following:

(1) A tabulation of estimated peak loads, resources and margins for each year.

Milford Power Company, LLC is a 560 MW (nominal) electric generating facility located in Milford, Connecticut. The facility supplies electricity to the regional grid through two separate and independent 270 MW (nominal) combined cycle units. As a wholesale supplier of energy in New England, our projected load is intended to precisely balance our resources with no margin. Therefore, we expect loads and resources to be balanced at 560 MW over the Siting Council's study period.

(2) Data on energy use and peak loads for the five preceding calendar years.

Milford Power Company's sales of energy were as follows:

Year	Load, MW	Energy, MWhr
2020	560	3,587,029
2021	560	3,407,265
2022	560	3,794,139
2022	560	3,563,713
2024	560	3,792,825

(3) A list of existing generating facilities in service

Milford Power Company, LLC has two units in operations at its facility in Milford, Connecticut

Milford Power Unit 1 280 MW (Nominal)

Milford Power Unit 2 280 MW (Nominal)

(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 requirement, and the location of such facilities**

None

- (6) A list of planned transmission lines on which proposed route reviews are being undertaken for which certificate applications have already been filed.**

Not Applicable

- (7) A description of the steps taken to upgrade the existing facilities and to eliminate overhead transmission and distribution lines in accordance with the regulations and standards described in Section 16-50t.**

Not Applicable

- (8) For each private power producer having a facility generating more than one megawatt and from whom the person furnishing the report has purchased electricity during the preceding calendar year, a statement including the name, location, size and type of generating facility, fuel consumed by the facility and the byproduct of the consumption.**

Not Applicable



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55 Shelland Street
Milford, CT 06461
203.647.1500

January 22, 2025

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Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: Docket No. 187; Milford Power, LLC – Potable Water Consumption

Dear Ms. Bachman,

Milford Power Company LLC ("Milford Power") is submitting this annual report on the use of potable water as a cooling source. This report is being submitted in accordance with paragraph 2 of the Connecticut Siting Council's ("the Council") Decision and Order, dated April 7, 2009, in the above-referenced docket, which requires Milford Power to provide an annual report on the use of water and identifying contingency events.

With reference to the attached table, "Milford Power Company LLC, 2024 Monthly Consumption of River Water and Supplemental Potable Water for Cooling," Milford Power used a total of 1,102,034,192 gallons of water for cooling purposes. Of this total 61,872,991 gallons was from potable water sources, or 5.61 % which is within the allowable 15% limit stipulated in the Order. A second table, "Milford Power Company LLC – 2024 Potable Water Usage Summary," lists the dates which potable water was used, the volumes consumed, and the contingency events that necessitated the use of potable water.

If you have any questions or require additional information, please do not hesitate to contact me at (203)-647-1503 or via e mail at Gregory.Russell@vistracorp.com

Sincerely,

A handwritten signature in black ink, appearing to read "Gregory Russell", written over a horizontal line.

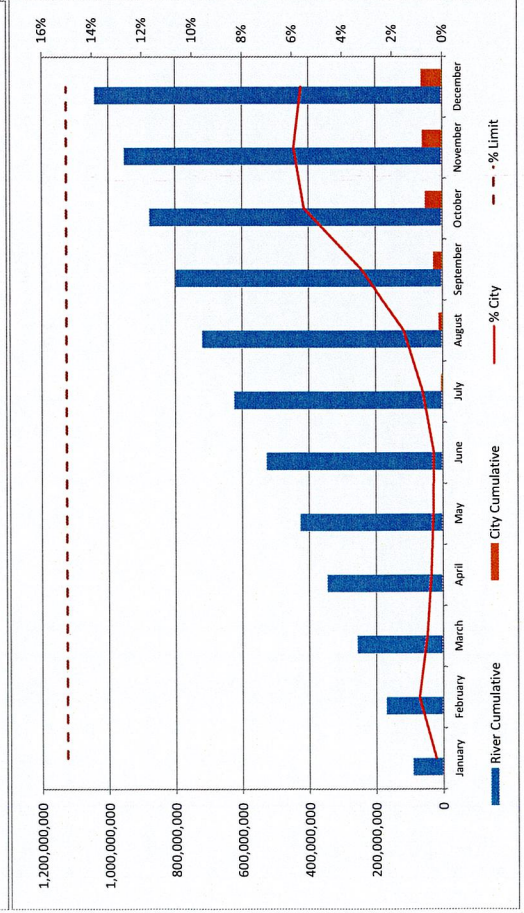
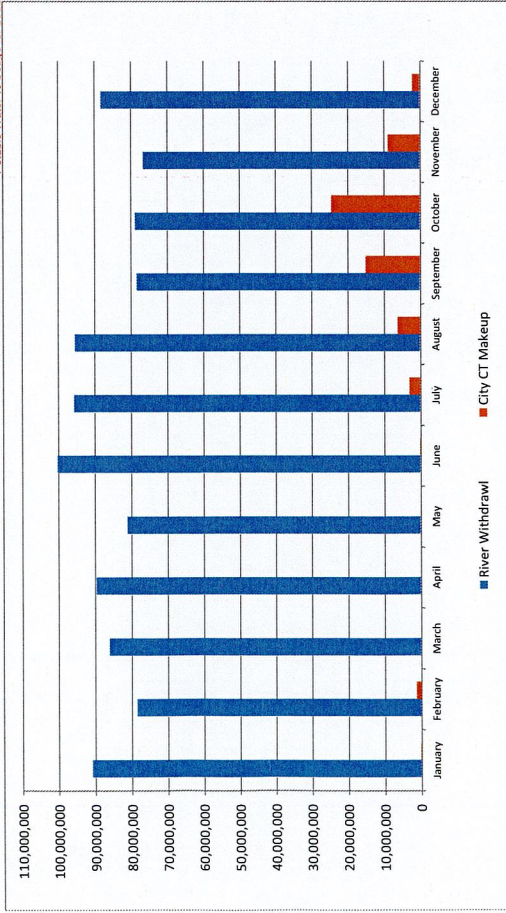
Gregory Russell
Plant Manager

Enclosure

Milford Power Company, LLC
2024 River Water City Water Cooling Tower Make-Up Usage Tracking

	River Withdrawal	River Filter Supply	River CT Makeup	% River	% City	River Cumulative	City Cumulative	% City	% Limit
January	90,906,383	89,209,731	84,634,755	99.71%	0.29%	90,906,383	268,472	0.29%	15.00%
February	78,665,785	78,410,401	71,584,147	98.30%	1.70%	169,572,168	1,631,986	0.95%	15.00%
March	86,123,659	85,014,674	76,928,441	100.00%	0.00%	255,695,826	1,631,986	0.63%	15.00%
April	89,698,755	88,829,142	81,258,509	100.00%	0.00%	345,394,581	1,631,986	0.47%	15.00%
May	81,089,314	81,595,383	74,625,315	100.00%	0.00%	426,483,895	1,631,986	0.38%	15.00%
June	100,345,954	101,407,635	92,942,935	99.73%	0.27%	526,629,649	1,908,410	0.36%	15.00%
July	95,708,351	96,631,396	88,993,720	96.89%	3.11%	622,538,200	4,978,685	0.79%	15.00%
August	95,439,579	96,022,498	89,547,394	93.81%	6.19%	717,977,779	11,272,928	1.55%	15.00%
September	78,444,297	79,237,508	73,302,550	83.86%	16.14%	796,422,076	26,368,830	3.20%	15.00%
October	78,836,482	79,260,418	72,755,737	76.27%	23.73%	875,258,538	50,900,510	5.50%	15.00%
November	76,679,808	76,765,855	70,971,703	89.56%	10.44%	951,938,347	59,841,470	5.91%	15.00%
December	86,222,854	88,838,212	80,937,316	97.75%	2.25%	1,040,161,201	61,872,991	5.61%	15.00%
Totals:	1,040,161,201	1,041,222,852	958,483,522	5.61%	Potable Water % Usage for 2022	61,872,991	6.06%		

Total River and City Water



Date	Potable Water Use for Cooling (GPD)_	Reason
1/6/2024	20953	Blending City Water For Cooling Tower
1/7/2024	16200	Blending City Water For Cooling Tower
1/8/2024	16200	Blending City Water For Cooling Tower
1/9/2024	16200	Blending City Water For Cooling Tower
1/10/2024	16200	Blending City Water For Cooling Tower
1/11/2024	16200	Blending City Water For Cooling Tower
1/12/2024	16200	Blending City Water For Cooling Tower
1/13/2024	16200	Blending City Water For Cooling Tower
1/14/2024	16200	Blending City Water For Cooling Tower
1/15/2024	16200	Blending City Water For Cooling Tower
1/16/2024	16200	Blending City Water For Cooling Tower
1/17/2024	4725	Blending City Water For Cooling Tower
1/21/2024	65964	Blending City Water For Cooling Tower
1/22/2024	14829	Blending City Water For Cooling Tower
2/1/2024	370125	Blending City Water For Cooling Tower
2/2/2024	22500	Blending City Water For Cooling Tower
2/3/2024	21600	Blending City Water For Cooling Tower
2/4/2024	21600	Blending City Water For Cooling Tower
2/5/2024	21600	Blending City Water For Cooling Tower
2/6/2024	218879	Blending City Water For Cooling Tower
2/7/2024	687209	Blending City Water For Cooling Tower
6/19/2024	23413	Blending City Water For Cooling Tower
6/20/2024	18113	Blending City Water For Cooling Tower
6/21/2024	18113	Blending City Water For Cooling Tower
6/22/2024	18113	Blending City Water For Cooling Tower
6/23/2024	18113	Blending City Water For Cooling Tower
6/24/2023	18113	Blending City Water For Cooling Tower
6/25/2024	18113	Blending City Water For Cooling Tower
6/26/2024	18113	Blending City Water For Cooling Tower
6/27/2024	121497	Blending City Water For Cooling Tower
7/28/2024	118328	Blending City Water For Cooling Tower
7/29/2024	275882	Blending City Water For Cooling Tower
7/30/2024	668280	Blending City Water For Cooling Tower
7/31/2024	686186	Blending City Water For Cooling Tower
8/1/2024	200929	Blending City Water For Cooling Tower
8/2/2024	48262	Blending City Water For Cooling Tower
8/3/2024	29700	Blending City Water For Cooling Tower
8/4/2024	29700	Blending City Water For Cooling Tower
8/5/2024	29700	Blending City Water For Cooling Tower

Date	Potable Water Use for Cooling (GPD)	Reason
8/6/2024	29700	Blending City Water For Cooling Tower
8/7/2024	29700	Blending City Water For Cooling Tower
8/8/2024	29700	Blending City Water For Cooling Tower
8/9/2024	29700	Blending City Water For Cooling Tower
8/10/2024	29700	Blending City Water For Cooling Tower
8/11/2024	29700	Blending City Water For Cooling Tower
8/12/2024	29700	Blending City Water For Cooling Tower
8/13/2024	29700	Blending City Water For Cooling Tower
8/14/2024	29700	Blending City Water For Cooling Tower
8/15/2024	29700	Blending City Water For Cooling Tower
8/16/2024	29700	Blending City Water For Cooling Tower
8/17/2024	29700	Blending City Water For Cooling Tower
8/18/2024	29700	Blending City Water For Cooling Tower
8/19/2024	29700	Blending City Water For Cooling Tower
8/20/2024	399178	Blending City Water For Cooling Tower
8/21/2024	1536679	Blending City Water For Cooling Tower
8/22/2024	1839711	Blending City Water For Cooling Tower
8/23/2024	1615457	Blending City Water For Cooling Tower
8/24/2024	27513	Blending City Water For Cooling Tower
8/25/2024	17550	Blending City Water For Cooling Tower
8/26/2024	17550	Blending City Water For Cooling Tower
8/27/2024	17550	Blending City Water For Cooling Tower
8/28/2024	17550	Blending City Water For Cooling Tower
8/29/2024	17550	Blending City Water For Cooling Tower
8/30/2024	17550	Blending City Water For Cooling Tower
8/31/2024	17550	Blending City Water For Cooling Tower
9/1/2024	17550	Blending City Water For Cooling Tower
9/2/2024	17550	Blending City Water For Cooling Tower
9/3/2024	17550	Blending City Water For Cooling Tower
9/4/2024	17550	Blending City Water For Cooling Tower
9/5/2024	17550	Blending City Water For Cooling Tower
9/6/2024	17550	Blending City Water For Cooling Tower
9/7/2024	506873	Blending City Water For Cooling Tower
9/8/2024	188094	Blending City Water For Cooling Tower
9/12/2024	107493	Blending City Water For Cooling Tower
9/13/2024	202980	Blending City Water For Cooling Tower
9/14/2024	598908	Blending City Water For Cooling Tower
9/15/2024	846578	Blending City Water For Cooling Tower
9/16/2024	845577	Blending City Water For Cooling Tower
9/17/2024	958399	Blending City Water For Cooling Tower

Date	Potable Water Use for Cooling (GPD)_	Reason
9/18/2024	1078949	Blending City Water For Cooling Tower
9/19/2024	1441799	Blending City Water For Cooling Tower
9/20/2024	1578846	Blending City Water For Cooling Tower
9/21/2024	1549005	Blending City Water For Cooling Tower
9/22/2024	1551685	Blending City Water For Cooling Tower
9/23/2024	1609198	Blending City Water For Cooling Tower
9/24/2024	1264635	Blending City Water For Cooling Tower
9/25/2024	431173	Blending City Water For Cooling Tower
9/26/2024	182711	Blending City Water For Cooling Tower
9/27/2024	30342	Blending City Water For Cooling Tower
9/28/2024	27000	Blending City Water For Cooling Tower
9/29/2024	25875	Blending City Water For Cooling Tower
9/30/2024	25875	Blending City Water For Cooling Tower
10/1/2024	25875	Blending City Water For Cooling Tower
10/2/2024	1026573	Blending City Water For Cooling Tower
10/3/2024	1083852	Blending City Water For Cooling Tower
10/4/2024	1081338	Blending City Water For Cooling Tower
10/5/2024	1073910	Blending City Water For Cooling Tower
10/6/2024	1068504	Blending City Water For Cooling Tower
10/7/2024	1108963	Blending City Water For Cooling Tower
10/8/2024	922318	Blending City Water For Cooling Tower
10/9/2024	694949	Blending City Water For Cooling Tower
10/10/2024	943530	Blending City Water For Cooling Tower
10/11/2024	746168	Blending City Water For Cooling Tower
10/12/2024	662731	Blending City Water For Cooling Tower
10/13/2024	761459	Blending City Water For Cooling Tower
10/14/2024	569279	Blending City Water For Cooling Tower
10/15/2024	975119	Blending City Water For Cooling Tower
10/16/2024	1359374	Blending City Water For Cooling Tower
10/17/2024	1325343	Blending City Water For Cooling Tower
10/18/2024	1016893	Blending City Water For Cooling Tower
10/19/2024	1695461	Blending City Water For Cooling Tower
10/20/2024	462782	Blending City Water For Cooling Tower
10/21/2024	834875	Blending City Water For Cooling Tower
10/22/2024	1011387	Blending City Water For Cooling Tower
10/23/2024	972578	Blending City Water For Cooling Tower
10/24/2024	900862	Blending City Water For Cooling Tower
10/25/2024	739340	Blending City Water For Cooling Tower
10/26/2024	774051	Blending City Water For Cooling Tower
10/27/2024	394666	Blending City Water For Cooling Tower

Date	Potable Water Use for Cooling (GPD)	Reason
10/28/2024	299495	Blending City Water For Cooling Tower
11/1/2024	134713	Blending City Water For Cooling Tower
11/2/2024	279991	Blending City Water For Cooling Tower
11/3/2024	179345	Blending City Water For Cooling Tower
11/4/2024	300938	Blending City Water For Cooling Tower
11/5/2024	686567	Blending City Water For Cooling Tower
11/6/2024	675529	Blending City Water For Cooling Tower
11/7/2024	660588	Blending City Water For Cooling Tower
11/8/2024	922318	Blending City Water For Cooling Tower
11/9/2024	537197	Blending City Water For Cooling Tower
11/10/2024	625988	Blending City Water For Cooling Tower
11/11/2024	757832	Blending City Water For Cooling Tower
11/12/2024	281583	Blending City Water For Cooling Tower
11/13/2024	403442	Blending City Water For Cooling Tower
11/14/2024	845239	Blending City Water For Cooling Tower
11/15/2024	1006149	Blending City Water For Cooling Tower
11/16/2024	374044	Blending City Water For Cooling Tower
11/22/2024	60196	Blending City Water For Cooling Tower
11/23/2024	17550	Blending City Water For Cooling Tower
11/24/2024	17550	Blending City Water For Cooling Tower
11/25/2024	17550	Blending City Water For Cooling Tower
11/26/2024	186603	Blending City Water For Cooling Tower
11/29/2024	319331	Blending City Water For Cooling Tower
12/3/2024	391313	Blending City Water For Cooling Tower
12/4/2024	285160	Blending City Water For Cooling Tower
12/6/2024	201128	Blending City Water For Cooling Tower
12/7/2024	21600	Blending City Water For Cooling Tower
12/8/2024	21600	Blending City Water For Cooling Tower
12/9/2024	21600	Blending City Water For Cooling Tower
12/10/2024	21600	Blending City Water For Cooling Tower
12/11/2024	21600	Blending City Water For Cooling Tower
12/12/2024	21600	Blending City Water For Cooling Tower
12/13/2024	21600	Blending City Water For Cooling Tower
12/14/2024	21600	Blending City Water For Cooling Tower
12/15/2024	21600	Blending City Water For Cooling Tower
12/16/2024	21600	Blending City Water For Cooling Tower
12/17/2024	194975	Blending City Water For Cooling Tower
12/18/2024	20250	Blending City Water For Cooling Tower
12/19/2024	20250	Blending City Water For Cooling Tower
12/20/2024	20250	Blending City Water For Cooling Tower

Date	Potable Water Use for Cooling (GPD)	Reason
12/21/2024	20250	Blending City Water For Cooling Tower
12/22/2024	509049	Blending City Water For Cooling Tower
12/28/2024	152896	Blending City Water For Cooling Tower