



The State of New Hampshire
Department of Environmental Services

Robert R. Scott, Commissioner



February 1, 2021

Debra A. Howland, Executive Director and Secretary
 New Hampshire Public Utilities Commission
 21 South Fruit Street, Suite 10
 Concord, NH 03301-2429

Re: 4th Quarter Emissions Verification Summary for Certified Renewable Energy Sources (DE 08-024, DE 08-044, DE 08-051, DE 09-104, DE 12-091, DE 13-265, DE 14-007, DE 14-182, DE 14-209, DE 14-296, REC 15-081, REC 16-546, RREC 16-1214, RREC 17-90015, RREC 17-90017, RREC 18-0351, RREC 18-0485, RREC 18-0492, RREC 19-0181, and RREC 20-0106)

Dear Ms. Howland:

Based on the attached summary, the New Hampshire Department of Environmental Services (DES) recommends certification of the following wood-fired power plants as renewable energy sources, because the facilities meet average emission rates of 0.02 lb/MMBtu (or an alternative plan) and 0.075 lb/MMBtu, for particulate (TSP) and nitrogen oxides (NOx), respectively, **except where noted:**

Pinetree Power, Inc. not operating
 1241 Whitefield Rd
 Bethlehem, NH 03574
 GIS Unit ID #: MSS337

Pinetree Power-Tamworth, Inc. >0.075, not eligible
 469 Plains Rd
 Tamworth, NH 03886
 GIS Unit ID #: MSS592

Pinetree Power-Fitchburg, Inc.
 2 Rowtier Drive
 Westminster, MA 01473
 GIS Unit ID #: MSS538

Granite Shore Power (GSP)
Schiller Station #5 not operating
 400 Gosling Rd
 Portsmouth, NH 03801
 GIS Unit ID #: MSS557

Bridgewater Power Company
 Route 3
 Bridgewater, NH 03222
 GIS Unit ID #: MSS357

Berlin Station, LLC
 One Community Street
 Berlin, NH 03570
 GIS Unit ID #: MSS16653

Ryegate Power Station
 247 Weesner Drive
 East Ryegate, VT 05042
 GIS Unit ID #: MSS2433

DG Whitefield LLC not operating
 260 Airport Rd.
 Whitefield, NH 03598
 GIS Unit ID #: MSS618

Springfield Power LLC not operating
 54 Fisher Corner Rd.
 Springfield, NH 03284
 GIS Unit ID #: MSS436

www.des.nh.gov

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Based on the attached summary, DES recommends certification of the following wood-fired boilers as thermal renewable energy sources, because the facilities meet average emission rates of 0.10 lb/MMBtu for TSP and best management practices (BMP) for NOx, respectively:

Littleton Regional Healthcare (LRH)
600 Saint Johnsbury Road
Littleton, NH 03561

Androscoggin Valley Hospital (AVH)
59 Page Hill Road
Berlin, NH 03570

Warwick Mills
301 Turnpike Rd.
New Ipswich, NH

EMD Millipore
11 PRESCOTT RD
Jaffrey, NH

Memorial Hospital
3073 White Mountain Highway
North Conway, NH 03860

Holderness School
21 Mt. Prospect Road
Holderness, NH 03245

Froling Energy
590 Hancock Road
Peterborough, NH

Keene State College (three boilers)
229 Main St.
Keene, NH 03435

Merrimack County DoC
Boscawen, NH

Rockingham County Complex
Brentwood, NH

Sullivan County Complex
Unity, NH

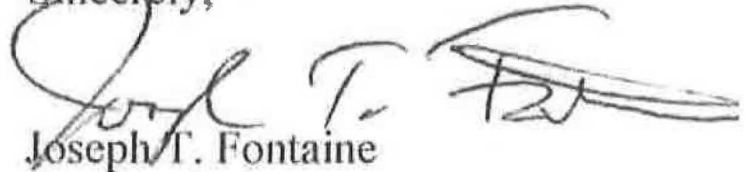
Maplewood
Westmoreland, NH

Weeks Medical Center
Lancaster, NH

DES communicated directly with PUC staff regarding eligibility for newly eligible small (<3 mmBtu/hr) thermal renewable energy sources.

If you have any questions regarding DES's recommendations, please contact me at joseph.fontaine@des.nh.gov or (603) 271-6794.

Sincerely,



Joseph T. Fontaine

Trading Programs Manager
Air Resources Division

cc: Jason Morse, NH PUC

CHAIRWOMAN
Dianne Martin

COMMISSIONERS
Kathryn M. Bailey

EXECUTIVE DIRECTOR
Debra A. Howland

STATE OF NEW HAMPSHIRE



PUBLIC UTILITIES COMMISSION

21 S. Fruit St., Suite 10
Concord, N.H. 03301-2429

TDD Access: Relay NH
1-800-735-2964

Tel. (603) 271-2431

Website:
www.puc.nh.gov

February 4, 2021

Registry Administrator
APX Environmental Markets
2001 Gateway Place, Suite 315W
San Jose, CA 95110

Re: Fourth Calendar Quarter Emissions Verification Summary for Certified Biomass Renewable Energy Sources

Dear GIS Administrator:

Renewable Portfolio Standard eligibility determinations of generation facilities that use biomass fuels are conditional, as required by RSA 362-F:11, III. Within ten days of receiving the quarterly notice from the New Hampshire Department of Environmental Services (DES) that a facility has met DES emissions standards, the Commission must designate the facility as eligible to produce Renewable Energy Certificates (RECs).

Based on the DES recommendation received electronically on February 1, 2021, the Commission hereby certifies the following wood-fired power plants listed in **Table 1: Calendar Quarter 4, 2020 - NH REC Eligible Biomass Power Plants**, provided below, as renewable energy sources for the fourth quarter of 2020. These facilities meet average emission rates of 0.02 lb/MMBtu (or an alternative plan), and 0.075 lb/MMBtu for total suspended particulate (TSP) and nitrogen oxides (NO_x), respectively.

Note: The DES reported that Pinetree Power-Tamworth, GIS Unit ID #MSS592 exceeded the NO_x requirements for Quarter 4, 2020, and is therefore no longer eligible to produce RECs.

Table 1: Calendar Quarter 4, 2020 - NH REC Eligible Biomass Power Plants

Docket # or REC #	Facility Name	Class	Address	NH Certification #	GIS Unit ID #
DE 08-044	Granite Shore Power Schiller Station # 5 ^{1 3}	I	400 Gosling Road, Portsmouth, NH 03801	NH-I-08-006	MSS557
DE 12-091	Berlin Station, LLC	I	One Community Street, Berlin, NH 03570	NH-I-12-019	MSS16653
DE 13-265	Pinetree Power-Fitchburg, Inc.	III	2 Rowtier Drive, Westminster, MA 01473	NH-III-13-133	MSS538
DE 14-007	Ryegate Power Station	III	247 Weesner Drive, East Ryegate, VT 05042	NH-III-14-006	MSS2433
DE 14-209	Bridgewater Power Company ²	III	Route 3, Bridgewater, NH 03222	NH-III-14-085	MSS357
DE 09-104	Springfield Power LLC ³	III/I	54 Fisher Corner Road, Springfield, NH 03284	NH-III-10-029 NH-I-10-030	MSS436
RREC 17-90015	DG Whitefield, LLC ³	III/I	260 Airport Road, Whitefield, NH 03598	NH-III-17-NF90016	MSS618
DE 08-024	Pinetree Power, Inc. – Bethlehem ³	III	1241 Whitefield Road, Bethlehem, NH 03574	NH-III-08-004	MSS337

¹ Formerly Eversource Energy (previously Public Service Company of New Hampshire).

² Bridgewater Power Company qualifies for NH Class III RECs according to RSA 362-F:11, IV, which allows for a biomass facility that does not meet the particulate (TSP) requirements, but would otherwise qualify for NH RECs, to submit a plan to the DES that demonstrates quantifiable emission reductions. The plan is approved by the DES, and the Commission has certified the facility in accordance with the plan approved by the DES.

³ The DES reported that these facilities were not operating during this quarter.

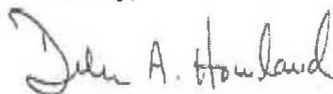
A list of thermal biomass facilities that have been recommended by the DES and approved by the Commission as thermal renewable energy sources is provided below as **Table 2: Calendar Quarter 4, 2020 - Conditionally Approved Thermal Biomass Sources**. These facilities meet average emission rates of 0.10 lb/MMBtu for TSP and best management practices for NO_x. **There were no new additions to this table during Quarter 4, 2020.**

Table 2: Calendar Quarter 4, 2020 - Conditionally Approved Thermal Biomass Sources					
Docket # or REC #	Facility Name	Class	Address	NH Certification #	GIS Unit ID #
DE 14-182	Littleton Regional Healthcare	IT	600 St. Johnsbury Road, Littleton, NH 03561	NH-IT-14-094	NON41354
DE 14-296	Androscoggin Valley Hospital	IT	59 Page Hill Road, Berlin, NH 03570	NH-IT-14-144	NON43842
REC 15-081	Warwick Mills	IT	301 Turnpike Road, New Ipswich, NH 03071	NH-IT-15-181	NON47531
REC 16-546	The Holderness School	IT	21 Mt. Prospect Road, Holderness, NH 03245	NH-IT-16-499	NON58196
RREC 16-1214	Froling Energy	IT	590 Hancock Road, Peterborough, NH 03458	NH-IT-17-90032	NON95026
RREC 17-90017	Keene State College – Heat Plant	IT	229 Main Street, Keene, NH 03435	NH-IT-NF90031	NON103053
RREC 18-0351	Merrimack County DOC	IT	333 DW Highway, Boscawen, NH 03303	NH-18-IT-0268	NON108457
RREC 18-0485	Rockingham County Complex	IT	116 North Road, Brentwood, NH 03833	NH-18-IT-0418	NON122106
RREC 19-0181	Sullivan County Complex	IT	5 Nursing Home Drive, Unity, NH 03743	NH-19-IT-0204	NON135812
RREC 18-0492	Memorial Hospital	IT	3073 White Mountain Highway, North Conway, NH 03869	NH-19-IT-0640	NON58396
RREC 20-0106	Maplewood	IT	201 River Road, Westmoreland, NH 03467	NH-20-IT-0080	NON145836
RREC 20-1537	Weeks Medical Center	IT	173 Middle Street, Lancaster, NH 03584	NH-20-IT-1506	NON153444

Quarterly Emission Verification Summary reports will no longer list previously approved thermal facilities that are rated less than 3 MMBtu/hr design gross heat input, as they are required to meet best management practices determined by the DES during initial eligibility certification and do not require quarterly testing and approval. There were no newly eligible small (<3 MMBtu/hr) thermal renewable energy sources certified during Quarter 4, 2020.

If you have any questions regarding the DES recommendations, please contact Joe Fontaine at joseph.fontaine@des.nh.gov or 603-271-6794. Other questions should be directed to Jason Morse at Jason.Morse@puc.nh.gov or 603-271-7965.

Sincerely,



Debra A. Howland
Executive Director

cc: Joe Fontaine, New Hampshire Department of Environmental Services
Jason Morse, New Hampshire Public Utilities Commission

My Generation Report; Account Holder ID: 13876; From '12/2020' to '12/2020'. Print date: 05/04/2021 05:22:24 PM (GMT+00:00)

Month of Generation	Unit ID	Generator Plant - Unit Name	Generation	MMA	Fuel Type	Carry Over From Previous Month	Issued Certificate Quantity	Uploaded By	Uploaded Date
2020/12	MSS357	BRIDGEWATER	7,563.120	0.000	Biomass	0.000	0	ISO-NE	1/19/2021 11:40:48 AM

Attachment C

TRANSFERABLE CERTIFICATES FOR CURRENT TRADING PERIOD OF 2020 - Q4

Print Date: 5/4/2021 5:35:13 PM

Unit ID	Unit Name	State	Fuel Type	Month of Generation	Certificate Serial Numbers	Quantity	CT Class I	CT Class I PERC	CT LREC	CT Class II	CT Class III	CT Class IV	MA RPS Class I Renewable Generation Unit	MA Solar Carve-Out I Unit	MA Auction Solar Carve-Out I Unit	MA Solar Carve-Out II Unit	MA Auction Solar Carve-Out II Unit	MA RPS Class II Renewable Generation Unit	MA RPS Class II Waste Energy Generation Unit	MA APE Alternative Generation Unit	Eligible MA Net Avoided Cost	MA CES	ME Renewable Energy Source	ME Class I	ME Class IA	ME Class IB	ME Community Based Renewable Energy	ME CO2 Hedging	RI New Renewable Resource	RI Existing Renewable Resource	RI Class I	RI Class I Thermal	RI Class I Bio-Gas Producer	RI Class II	RI Class III	RI Class IV	VT Tier I	VT Tier II	Green-E	Low Impact Hydro Institute
MSS357	BRIDGEWATER	NH	Biomass	2020/12	5673200 - 1 to 543	543	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
MSS357	BRIDGEWATER	NH	Biomass	2020/12	5673200 - 3501 to 7563	4,063	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
MSS357	BRIDGEWATER	NH	Biomass	2020/12	5673200 - 544 to 1284	741	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
MSS357	BRIDGEWATER	NH	Biomass	2020/12	5673200 - 1285 to 3500	2,216	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Total						7,563																																		

Attachment D

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GIS | Search 'Transferable Certificates for current trading period of 20%

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