

STATE OF NEW HAMPSHIRE

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

February 13, 2023

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

Re: Fourth Calendar Quarter 2022 Emissions Verification Summary for New Hampshire Certified Biomass Renewable Energy Sources

Dear GIS Administrator:

New Hampshire 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 New Hampshire Department of Energy (DOE) must designate each facility as eligible to produce Renewable Energy Certificates (RECs). The DOE is the successor to the New Hampshire Public Utilities Commission (PUC) for that purpose.

Based on the DES recommendation received electronically on February 3, 2023, the DOE hereby certifies the following wood-fired power plants listed in **Table 1-A: Calendar Quarter 4, 2022 – N.H. REC Eligible Biomass Power Plants**, provided below, as renewable energy sources for the fourth quarter of 2022. These facilities met average emissions 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.

Table 1-A: Calendar Quarter 4, 2022 – N.H. REC Eligible Biomass Power Plants					
PUC Docket # or REC #	Facility Name	Class	Address	NH Certification #	GIS Unit ID #
DE 09-104	NE Renewable Power Springfield	III/I	54 Fisher Corner Road, Springfield, NH 03284	NH-III-10-029 NH-I-10-030	MSS436
DE 12-091	Berlin Station, LLC	I	One Community Street, Berlin, NH 03570	NH-I-12-019	MSS16653
DE 13-265	NE Renewable Power Fitchburg	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 ¹	III	Route 3, Bridgewater, NH 03222	NH-III-14-085	MSS357

¹ Bridgewater Power Company qualifies for N.H. Class III RECs according to RSA 362-F:11, IV, which allows for a biomass facility that does not meet the TSP requirements, but would otherwise qualify for N.H. RECs, to submit a plan to the DES that demonstrates quantifiable emissions reductions. The plan has been approved by the DES, and the PUC and DOE have certified the facility in accordance with the plan approved by the DES.

DES reported the facilities in **Table 1-B: Calendar Quarter 4, 2022 – N.H. REC Ineligible Biomass Power Plants**, as “not operating” during Q4 2022. As these facilities were non-operational during the quarter, emissions rate testing was not conducted and these facilities are not eligible to receive N.H. Class III designation for any production reported during Q4 2022.

PUC Docket # or REC #	Facility Name	Class	Address	NH Certification #	GIS Unit ID #
DE 08-044	Granite Shore Power Schiller Station # 5 ²	I	400 Gosling Road, Portsmouth, NH 03801	NH-I-08-006	MSS557
DE 08-024	NE Renewable Power Bethlehem	III	1241 Whitefield Road, Bethlehem, NH 03574	NH-III-08-004	MSS337
DE 08-051	NE Renewable Power Tamworth	III	469 Plains Road, Tamworth, NH 03886	NH-III-08-005	MSS592
RREC 17-90015	NE Renewable Power Whitefield	III/I	260 Airport Road, Whitefield, NH 03598	NH-III-17-NF90016	MSS618

A list of thermal biomass facilities that have been recommended by the DES and had been approved by the PUC as thermal renewable energy sources is provided below as **Table 2: Calendar Quarter 4, 2022 – Conditionally-Approved Thermal Biomass Sources**. These facilities meet average emissions 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, 2022.**

PUC 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 – Boiler 1	IT	20 Manchester Street, Keene, NH	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
RREC 21-1307	Froling Energy – Boiler 2	IT	20 Manchester Street, Keene, NH	NH-21-IT-0433	NON162308

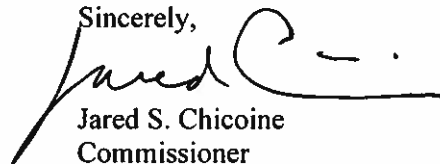
Quarterly Emissions Verification Summary reports will no longer list previously-approved thermal facilities that are rated less than 3 MMBtu/hr design gross heat input, as they are required to meet best management practices determined by the DES during initial eligibility certification and do not require quarterly testing and approval. There was one newly eligible small (<3 MMBtu/hr) thermal renewable energy source certified during Quarter 4, 2022.

² Formerly Public Service Company of New Hampshire d/b/a Eversource Energy.

Table 3: Calendar Quarter 4, 2022 – N.H. REC Best Management Practices Approved Small Thermal Biomass Sources					
PUC Docket # or REC #	Facility Name	Class	Address	NH Certification #	GIS Unit ID #
RREC 22-0677	Cheshire County Courthouse	IT	33 Winter Street, Keene NH 03431	NH-22-IT-0758	NON174343

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 Tanya Wayland at tanya.p.wayland@energy.nh.gov or 603-271-2454.

Sincerely,



Jared S. Chicoine
Commissioner

cc: Joe Fontaine, New Hampshire Department of Environmental Services
Deandra Perruccio, New Hampshire Department of Energy
Tanya Wayland, New Hampshire Department of Energy
PUC Docket Nos. DE 08-024 DE 08-044, DE 08-051, DE 09-104, DE 12-091, DE 13-265, DE 14-007, DE 14-209, DE 14-182, DE 14-296, REC 15-081, REC 16-546, RREC 16-1214, RREC 17-90017, RREC 18-0351, RREC 18-0485, RREC 19-0181, RREC 18-0492, RREC 20-0106, RREC 20-1537