

## STATE OF NEW HAMPSHIRE

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August 11, 2021

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

**Re: Second Calendar Quarter 2021 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 July 30, 2021, the DOE hereby certifies the following wood-fired power plants listed in **Table 1-A: Calendar Quarter 2, 2021 – N.H. REC Eligible Biomass Power Plants**, provided below, as renewable energy sources for the second quarter of 2021. 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<sub>x</sub>), respectively.

| Table 1-A: Calendar Quarter 2, 2021 – N.H. REC Eligible Biomass Power Plants |  |       |   |                    |               |
|--|--|-------|---|--------------------|---------------|
| PUC Docket #<br>or<br>REC #  | Facility Name                          | Class | Address                                   | NH Certification # | GIS Unit ID # |
| DE 08-051  | Pinetree Power-Tamworth                | III   | 469 Plains Road, Tamworth, NH 03886       | NH-III-08-005      | MSS592        |
| DE 12-091  | Berlin Station, LLC                    | I     | One Community Street, Berlin, NH 03570    | NH-I-12-019        | MSS16653      |
| DE 13-265  | Pinetree 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 <sup>1</sup> | III   | Route 3, Bridgewater, NH 03222            | NH-III-14-085      | MSS35         |

*Note: The eligibility of DG Whitefield, LLC (RECC 17-90015) located at 260 Airport Road, Whitefield, NH 03598 (NH Certification # NH-III-17-NF90016; GIS Unit ID # MSS618) is currently under review at the DOE. If the facility is determined to be eligible to generate RECs for Quarter 2, 2021, then the DOE will notify NEPOOL GIS.*

<sup>1</sup> 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 facility in **Table 1-B: Calendar Quarter 2, 2021 - N.H. REC Ineligible Biomass Power Plants**, as ineligible to receive N.H. Class III designation for any production reported during the second quarter of 2021 due to noncompliance with emissions testing requirements. As this facility's NO<sub>x</sub> emissions rate exceeded 0.075 lb/MMBtu, it is not eligible to receive N.H. Class III designation for any production reported during Q2 2021.

| Table 1-B: Calendar Quarter 2, 2021 – N.H. REC Ineligible Biomass Power Plants |                       |       |  |                              |               |
|--|-----------------------|-------|--|------------------------------|---------------|
| PUC Docket #<br>or<br>REC #  | Facility Name         | Class | Address                                      | NH Certification #           | GIS Unit ID # |
| DE 09-104  | Springfield Power LLC | III/I | 54 Fisher Corner Road, Springfield, NH 03284 | NH-III-10-029<br>NH-I-10-030 | MSS436        |

DES reported the facilities in **Table 1-C: Calendar Quarter 2, 2021 – N.H. REC Ineligible Biomass Power Plants**, as “not operating” during Q2 2021. 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 Q2 2021.

| Table 1-C: Calendar Quarter 2, 2021 - N.H. REC Ineligible Biomass Power Plants |   |       |   |                    |               |
|--|---|-------|---|--------------------|---------------|
| PUC Docket #<br>or<br>REC #  | Facility Name   | Class | Address                                   | NH Certification # | GIS Unit ID # |
| DE 08-044  | Granite Shore Power Schiller Station # 5 <sup>2</sup> | I     | 400 Gosling Road, Portsmouth, NH 03801    | NH-I-08-006        | MSS557        |
| DE 08-024  | Pinetree Power – Bethlehem                            | III   | 1241 Whitefield Road, Bethlehem, NH 03574 | NH-III-08-004      | MSS337        |

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 2, 2021 – Conditionally-Approved Thermal Biomass Sources**. These facilities meet average emissions rates of 0.10 lb/MMBtu for TSP and best management practices for NO<sub>x</sub>. **There were no new facilities approved by the PUC or DOE and added to this table during Q2 2021.**

| Table 2: Calendar Quarter 2, 2021 – Conditionally-Approved Thermal Biomass Sources |                                  |       |   |                    |               |
|--|----------------------------------|-------|---|--------------------|---------------|
| PUC Docket #<br>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 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

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

quarterly testing and approval. There were no newly eligible small (<3 MMBtu/hr) thermal renewable energy source certified during Q2 2021.

If you have any questions regarding the DES recommendations, please contact Joe Fontaine at [joseph.fontaine@des.nh.gov](mailto:joseph.fontaine@des.nh.gov) or 603-271-6794. Other questions should be directed to Deandra Perruccio at [deandra.m.perruccio@energy.nh.gov](mailto:deandra.m.perruccio@energy.nh.gov) or 603-271-6079.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jared Chicoine".

Jared S. Chicoine  
Interim Commissioner

cc: Joe Fontaine, New Hampshire Department of Environmental Services  
Deandra Perruccio, New Hampshire Department of Energy  
Karen Cramton, 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