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PUBLIC UTILITIES COMMISSION

21 S. Fruit St., Suite 10
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May 13, 2021

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

**Re: First 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 Commission must designate each facility as eligible to produce Renewable Energy Certificates (RECs).

Based on the DES recommendation received electronically on May 6, 2021, the Commission hereby certifies the following wood-fired power plants listed in **Table 1-A: Calendar Quarter 1, 2021 – N.H. REC Eligible Biomass Power Plants**, provided below, as renewable energy sources for the first 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_x), respectively.

Docket # or 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 ¹	III	Route 3, Bridgewater, NH 03222	NH-III-14-085	MSS357
RREC 17-90015	DG Whitefield, LLC	III/I	260 Airport Road, Whitefield, NH 03598	NH-III-17-NF90016	MSS618

DES reported the facility in **Table 1-B: Calendar Quarter 1, 2021 - N.H. REC Ineligible Biomass Power Plants** as ineligible to receive N.H. Class III designation for any production reported during the first quarter of 2021 due to noncompliance with emissions testing requirements. As this facility's NO_x emissions rate exceeded 0.075 lb/MMBtu, it is not eligible to receive N.H. Class III designation for any production reported during Q1 2021.

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 Commission has certified the facility in accordance with the plan approved by the DES.

Table 1-B: Calendar Quarter 1, 2021 – N.H. REC Ineligible Biomass Power Plants					
Docket # or 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 NH-I-10-030	MSS436

DES reported the facilities in **Table 1-C: Calendar Quarter 1, 2021 – N.H. REC Ineligible Biomass Power Plants** as “not operating” during Q1 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 Q1 2021.

Table 1-C: Calendar Quarter 1, 2021 - N.H. REC Ineligible Biomass Power Plants					
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	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 approved by the Commission as thermal renewable energy sources is provided below as **Table 2: Calendar Quarter 1, 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_x. **There were no new additions to this table during Q1 2021.**

Table 2: Calendar Quarter 1, 2021 – 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 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 is one newly eligible small (<3 MMBtu/hr) thermal renewable energy source certified during Q1 2021: RREC #20-1617, GIS unit ID NON153361, was approved on February 9, 2021 for a facility at the Society for the Protection of New Hampshire Forests, 54 Portsmouth Street, Concord, NH. The N.H. Certification Number for that facility is NH-21-IT-0035.**

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

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 Deandra Perruccio at deandra.perruccio@puc.nh.gov or 603-271-6079.

Sincerely,

A handwritten signature in black ink that reads "Debra A. Howland". The signature is written in a cursive style with a large initial "D".

Debra A. Howland
Executive Director

cc: Joe Fontaine, New Hampshire Department of Environmental Services
Deandra Perruccio, New Hampshire Public Utilities Commission

Docket# : 09-104

Printed: 5/13/2021

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Docket# : 08-044

Printed: 5/13/2021

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Docket# : 08-024

Printed: 5/13/2021

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Docket# : 14-182

Printed: 5/13/2021

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Docket# : 14-296

Printed: 5/13/2021

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Docket# : 15-081

Printed: 5/13/2021

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Docket# : 16-546

Printed: 5/13/2021

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Docket# : 14-209

Printed: 5/13/2021

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Docket# : 14-007

Printed: 5/13/2021

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Docket# : 18-051

Printed: 5/13/2021

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Docket# : 12-091

Printed: 5/13/2021

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Docket# : 13-265

Printed: 5/13/2021

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