


# STATE OF NEW HAMPSHIRE

## Intra-Department Communication

**DATE:** July 21, 2014

**AT (OFFICE):** NHPUC

**FROM:** Barbara Bernstein   
Sustainable Energy Analyst

NHPUC 22JUL'14AM8:51

**SUBJECT:** New Hampshire Electric Cooperative, Inc., Applications for Certification of System Expansions of REC Eligible Facilities:

DE 09-218	Kim Frase	DE 12-288	David P. Downs
DE 10-103	Brian M. Morgan	DE 12-336	Herbert W. Sallet
DE 10-234	Pat Russell	DE 13-013	Eckhard Straeter
DE 10-291	Steven Olafsen	DE 13-014	Nathan Mulherin
DE 10- <del>332</del>	Ellen Rancourt	DE 13-062	John David Carmody
DE 10-333	Christopher Williams	DE 13-208	Dan Lake
DE 11-172	David V. Scerra	DE 13-287	Carol A. Sullivan
DE 11-205	Melanie Ratcliffe	DE 13-331	Bill Morse
DE 11-244	James Buckland	DE 13-332	David Tofts
DE 12-228	Adam Hildebrand		

**TO:** Chairman Amy L. Ignatius  
Commissioner Robert R. Scott  
Commissioner Martin P. Honigberg  
Debra A. Howland, Executive Director and Secretary

**CC:** Jack K. Ruderman, Director of the Sustainable Energy Division  
David K. Wiesner, Staff Attorney

### *Summary*

On June 16, 2014, the Commission received applications filed by the New Hampshire Electric Cooperative, Inc. (NHEC) requesting Class II eligibility for NHEC member photovoltaic (PV) array expansions<sup>1</sup> and inclusion in the NHEC aggregation<sup>2</sup>. The applicants include: Kim Frase (Frase); Brian M. Morgan (Morgan); Pat Russell (Russell); Steven Olafsen (Olafsen); Ellen Rancourt (Rancourt); Christopher Williams (Williams); David V. Scerra (Scerra); Melanie Ratcliffe (Ratcliffe); James Buckland (Buckland); Adam Hildebrand (Hildebrand); David P. Downs (Downs); Herbert W. Sallet (Sallet); Eckhard Straeter

<sup>1</sup> Pursuant to RSA 362-F, New Hampshire's Electric Renewable Portfolio Standard law, Class II eligibility requires a facility to produce electricity from solar technologies that began operation after January 1, 2006 (RSA 362-F:4, II).

<sup>2</sup> The Commission granted NHEC Independent Monitor status on May 12, 2009 (DE 09-006). On April 9, 2010, the Commission granted NHEC the authority to aggregate customer-sited sources pursuant to Puc 2506 (DE 10-060).

(Straeter); Nathan Mulherin (Mulherin); John David Carmody (Carmody); Dan Lake (Lake); Carol A. Sullivan (Sullivan); Bill Morse (Morse); and David Tofts (Tofts).

The Commission, in a non-adjudicative process, is required to issue a determination of whether a facility meets a particular classification within 45 days of receipt of a completed application. The above-named customer-sited PV facilities were previously approved for operation by NHEC and have since expanded the size of their PV facilities. The above-listed facilities all meet the Class II eligibility requirements under RSA 362-F:4, II. Based on review of the applications, Staff recommends that the Commission certify the system expansions for the above-listed facilities as eligible for Class II RECs to be included as part of the NHEC aggregation, effective as of the respective dates listed in Attachment I hereto.

### *Overview*

Details for the facilities are listed in Attachment I hereto. The NEPOOL-GIS facility code for all facilities included in the NHEC aggregation is NON 32900. These facilities are customer-sited sources and therefore:

- The ISO New England asset identification number is not applicable;
- The output is not recorded in the ISO New England Market Settlement System; and,
- The output must be monitored and verified by an independent monitor (Puc 2505.09).

In addition to reporting each source's output to the Commission, NHEC will include the total output of these facilities when it reports the total output of all of its Class II eligible facilities, under the name *NHEC Class II Aggregation*, to the NEPOOL Generation Information System.

As the local distribution utility, NHEC provided copies of the approved interconnection agreements for these expanded facilities. In addition, signed attestations approving the installation, operation and conformance with any applicable building codes were provided for each facility.

### *Recommendation*

Staff has reviewed NHEC's applications for the expanded photovoltaic arrays located at the above-named facilities and can affirm that all are complete pursuant to Puc 2505.08. Staff recommends that the Commission certify the Frase, Morgan, Russell, Olafsen, Rancourt, Williams, Scerra, Ratcliffe, Buckland, Hildebrand, Downs, Sallet, Straeter, Mulherin, Carmody, Lake, Sullivan, Morse, and Tofts expanded PV arrays as Class II REC eligible facilities to be included as part of the NHEC aggregation, effective as of the respective dates listed in Attachment I hereto.

Attachment I: NHEC Nameplate Capacity Additions 06-09-12 through 12-02-13

Docket #	NH PUC Certification Number	Name	Facility Location	Equipment Vendor	Installing Electrician	Original Nameplate capacity MW	Nameplate addition MW	New Nameplate Capacity MW	Date of addition	Effective Date to Produce RECs
DE 09-218	NH-II-09-053	Kim Frase	S. Tamworth	Frase Electric	Kim Frase	0.0049	0.00432	0.00922	6/9/2012	6/9/2012
DE 10-103	NH-II-10-048	Brian Morgan	Moultonboro	Frase Electric	Kim Frase	0.00473	0.00129	0.00602	10/10/2010	3/15/2012
DE 10-234	NH-II-10-105	Pat Russell	Ctr. Sandwich	Frase Electric	Kim Frase	0.0048	0.00242	0.00722	5/5/2011	3/13/2012
DE 10-291	NH-II-10-114	Steven Olafsen	Ctr. Sandwich	Frase Electric	Kim Frase	0.00462	0.00231	0.00693	6/5/2011	3/29/2012
DE 10-332	NH-II-11-001	Ellen Rancourt	Madison	Frase Electric	Kim Frase	0.0046	0.00046	0.00506	6/6/2011	6/6/2011
DE 10-333	NH-II-11-002	Christopher Williams	Ctr. Harbor	Frase Electric	Kim Frase	0.0046	0.0023	0.0069	6/18/2011	6/18/2011
DE 11-172	NH-II-11-026	David Scerra	Campton	Frase Electric	Kim Frase	0.00414	0.00414	0.00828	2/15/2012	2/15/2012
DE 11-205	NH-II-11-031	Melanie Ratcliffe	Tuftonboro	Frase Electric	Kim Frase	0.00658	0.003416	0.009996	4/17/2013	4/17/2013
DE 11-244	NH-II-11-040	James Buckland	Holderness	Frase Electric	Kim Frase	0.0048	0.00192	0.00672	2/10/2012	2/10/2012
DE 12-228	NH-II-12-042	Adam Hildebrand	Ctr. Harbor	Frase Electric	Kim Frase	0.00459	0.000255	0.004845	7/13/2012	7/13/2012
DE 12-288	NH-II-12-072	David Downs	Madison	Frase Electric	Kim Frase	0.00495	0.0036	0.00855	10/19/2012	10/19/2012
DE 12-336	NH-II-12-086	Herbert Sallett	N. Sandwich	Frase Electric	Kim Frase	0.0049	0.00245	0.00735	1/11/2013	1/11/2013
DE 13-013	NH-II-13-014	Eckhard Straeter	Lempster	Krannich Solar	John M. Lin	0.0049	0.011	0.0159	4/8/2013	4/8/2013
DE 13-014	NH-II-13-015	Nathan Mulherin	Rumney	Frase Electric	Kim Frase	0.0049	0.00052	0.00542	1/3/2013	1/3/2013
DE 13-062	NH-II-13-029	John Carmody	Epping	ReVision Energy	William Levey	0.0049	0.00245	0.00735	1/16/2013	1/16/2013
DE 13-208	NH-II-13-070	Dan Lake	Mirror Lake	ReVision Energy	William Levey	0.00546	0.00052	0.00598	6/5/2013	6/5/2013
DE 13-287	NH-II-13-109	Carol Sullivan	Ctr. Harbor	Frase Electric	Kim Frase	0.00795	0.003975	0.011925	11/20/2013	12/20/2013
DE 13-331	NH-II-13-122	Bill Morse	Danville	ReVision Energy	William Levey	0.00612	0.00612	0.01224	11/27/2013	11/27/2013
DE 13-332	NH-II-13-123	David Tofts	Meredith	Frase Electric	Kim Frase	0.008829	0.0093	0.018129	12/2/2013	12/2/2013
	Total					0.101269	0.062766	0.164035		

**SERVICE LIST - EMAIL ADDRESSES - DOCKET RELATED**

---

---

**Pursuant to N.H. Admin Rule Puc 203.11 (a) (1): Serve an electronic copy on each person identified on the service list.**

Executive.Director@puc.nh.gov  
amanda.noonan@puc.nh.gov  
barbara.bernstein@puc.nh.gov  
Christina.Martin@oca.nh.gov  
david.shulock@puc.nh.gov  
Jack.ruderman@puc.nh.gov  
mneils@nhec.com  
steve.mullen@puc.nh.gov  
susan.chamberlin@oca.nh.gov  
tom.frantz@puc.nh.gov

Docket #: 13-287-1      Printed: July 21, 2014

**FILING INSTRUCTIONS:**

- a) Pursuant to N.H. Admin Rule Puc 203.02 (a), with the exception of Discovery, file 7 copies, as well as an electronic copy, of all documents including cover letter with:**
- DEBRA A HOWLAND  
EXEC DIRECTOR  
NHPUC  
21 S. FRUIT ST, SUITE 10  
CONCORD NH 03301-2429
- b) Serve an electronic copy with each person identified on the Commission's service list and with the Office of Consumer Advocate.**
- c) Serve a written copy on each person on the service list not able to receive electronic mail.**