

**STATE OF NEW HAMPSHIRE
BEFORE THE
PUBLIC UTILITIES COMMISSION**

DOCKET NO. DE 09-225

**GRANITE STATE ELECTRIC COMPANY
D/B/A NATIONAL GRID**

Report on the First Twelve Months of the “GreenUp” Program

I. Introduction

In Order No. 25,101, issued May 7, 2010, the New Hampshire Public Utilities Commission (the “Commission”) approved a settlement agreement (the “Settlement Agreement”) by and among Granite State Electric Company d/b/a National Grid (“National Grid”), the Office of Consumer Advocate (“OCA”), and the Commission Staff (“Staff”) relative to National Grid’s request for approval of its GreenUp Service proposal. The Settlement Agreement and Order No. 25,101 require National Grid to file a report with the Commission within sixty days after GreenUp has been in effect for twelve months detailing program participation by customer class; disclosing whether any renewable energy certificates (“RECs”) purchased by GreenUp suppliers were ineligible under RSA 362-F:6, III; and providing all incremental administrative, marketing and promotional costs associated with the GreenUp program. The GreenUp program became effective on July 1, 2010.

II. Program Participation by Customer Class

There were 88 total enrollments and two drops for the first twelve months of the GreenUp program. There were four (4) enrollments in the commercial customer class, seventy (70) enrollments in the residential customer class, and fourteen (14) enrollments in the residential-heat customer class. Two of the enrollees in the residential customer class dropped

the program within the first twelve months. GreenUp program participation for the first twelve months is illustrated by customer class and month in the following table:

Month	Year	ENROLLMENTS			DROPS
		Commercial	Residential	Residential - Heat	Residential
Jul.	2010				
Aug.	2010		1		
Sept.	2010		3		
Oct.	2010		2	1	
Nov.	2010	3	24	5	
Dec.	2010	1	37	6	1
Jan.	2011				
Feb.	2011		1	1	
March	2011		2		
Apr.	2011				
May	2011			1	1
June	2011				
TOTAL		4	70	14	2

III. Eligibility of RECs Purchased by GreenUp Suppliers Under RSA 362-F:6, III

Seven RECs purchased by GreenUp supplier Community Energy and transferred to National Grid in the first twelve months of the GreenUp program came from renewable energy sources not designated as New Hampshire eligible renewable sources pursuant to RSA 362-F:6, III. However, all of these RECs are attributable to renewable energy sources that would qualify to receive RECs under RSA chapter 362-F, and as such they are appropriate for use in connection with the GreenUp program. *See* RSA 374-F:3, V(f)(1), (2), (4).

Specifically, Community Energy transferred to National Grid six (6) Solar RECs from a Massachusetts facility that began commercial operation in December 2009. Though it has not been designated a New Hampshire eligible resource under RSA 362-F:6, III, this facility would qualify as a New Hampshire Class II New Solar resource pursuant to RSA 362-F:4, II because it

began commercial operation after January 1, 2006. A copy of the NEPOOL GIS Report for these certificates is attached hereto as Exhibit A.

Community Energy also transferred to National Grid one (1) New Wind REC from a Massachusetts facility that began commercial operation in August 2007. Though it has not been designated a New Hampshire eligible resource under RSA 362-F:6, III, this facility would qualify as a New Hampshire Class I New Wind resource pursuant to RSA 362-F:4, I because it began commercial operation after January 1, 2006. A copy of the NEPOOL GIS Report for this certificate is attached hereto as Exhibit B.

III. Incremental Administrative, Marketing and Promotional Costs

National Grid incurred approximately \$49,725 in administrative, marketing, and promotional costs related to the GreenUp program in its first twelve months:

	Billing System Adaptation Expense	Administrative Expense	Customer Outreach Expense	Total GreenUp Expense
July 2010	\$3,950	\$1,181	\$6,102	\$11,233
August 2010	\$0	\$1,181	\$11,347	\$12,528
September 2010	\$0	\$769	\$6,662	\$7,431
October 2010	\$0	\$900	\$5,863	\$6,763
November 2010	\$0	\$994	\$0	\$994
December 2010	\$0	\$750	\$20	\$770
January 2011	\$0	\$638	\$0	\$638
February 2011	\$0	\$450	\$0	\$450
March 2011	\$0	\$469	\$0	\$469
April 2011	\$0	\$225	\$0	\$225
May 2011	\$0	\$581	\$573	\$1,154
June 2011	\$0	\$394	\$6,676	\$7,070
Total	\$3,950	\$8,532	\$37,243	\$49,725

In addition to a one-time billing system adaptation expense of \$3,950, National Grid incurred approximately \$8,532 in administrative expenses related to the GreenUp program in its first twelve months. A detailed explanation of these expenses is attached hereto as Exhibit C.

National Grid also incurred approximately \$37,243 in marketing and promotional costs related to the GreenUp program in its first twelve months. A detailed explanation of these expenses is attached hereto as Exhibit D.

**Certificate Information**

Plant - Unit Name: **Smith College**
 Month and year of generation : **4/2010**
 Certificate Serial Numbers: **From 280347-1 to 280347-6**
 Total Certificates: **6**

Part 1 - Fuel Sources

100% - Solar
 Short Description - **Solar Photovoltaic**
 Description - **Photovoltaic**
 Fuel Type Attributes - **NA**

Part 2 - Renewable Portfolio Standard ("RPS") Eligibility**Connecticut**

Class I Renewable Energy Source: **No**
 Class II Renewable Energy Source: **No**
 State Certification Number:
 Date of Eligibility: **NA**
 Class III Portfolio Standard: **No**
 Eligible under Clean Energy Options ("CEO"): **No**
 R-O-R Hydro: Percentage Qualifying as Class I: **NA**

Massachusetts

RPS Class I Renewable Generation Unit: **No**
 Solar Carve-Out Unit: **No**
 Auction Solar Carve-Out Unit: **No**
 RPS Class II Renewable Generation Unit: **No**
 RPS Class II Waste Energy Generation Unit: **No**
 APS Alternative Generation Unit: **No**
 Generation level per year or Energy imported per year above which qualifies as RPS New Renewable Resource: **NA**
 RPS Statement Of Qualification Number:
 Eligible MA Renewable for NOx allowances claims from Public Benefit set-a-side: **No**
 MA Renewable NOx State Certification Number:

Maine

Class I New Renewable Energy Resource Qualification: **No**
 Class II Eligible Resource: **No**
 Community Based Renewable Energy: **No**
 Eligible for CO2 Netting: **No**
 State Certification Number:
 Date of Eligibility: **NA**

Rhode Island

New Renewable Energy Resource: **No**
 State Certification Number:
 Date of Eligibility: **NA**

Existing Renewable Energy Resource: **No**
 State Certification Number:
 Date of Eligibility: **NA**

New Hampshire

Class I Source: **No**
 Average annual electric production (in MWh) from a facility other than hydroelectric from 2004 through 2006, or for the first 36 months after commercial operation if that date is after December 31, 2001: **NA**
 Average annual production (in MWh) of a hydroelectric facility from the later of January 1, 1986 or the date of first commercial

operation through December 31, 2005 (if such a facility was upgraded or expanded during this baseline period, actual generation should be adjusted to estimate the average annual production that would have occurred had the upgrade or expansion been in place for this entire period): **NA**

Class II Source: **No**
 Class III Source: **No**
 Class IV Source: **No**
 State Certification Number:
 Date of Eligibility: **NA**

Part 3 - Emissions

CEM Reporting: **No**
 ORIS PL:
 Emissions Unit ID(s):
 Peer unit name and address (if not reporting actual generator emissions): **NA**

Normalized emission per MWh (pounds)

- Carbon dioxide: **0.00000**
 - Carbon monoxide: **0.00000**
 - Mercury: **0.00000**
 - Nitrogen oxides: **0.00000**
 - Particulate matter: **0.00000**
 - Particulate Matter 10 Microns: **0.00000**
 - Sulfur dioxides: **0.00000**
 - Volatile organic compounds: **0.00000**

Emissions Free Energy Certificate: Yes

Part 4 - Labor Characteristics

Majority of employees operating at generation plant are employed under collective bargaining agreement: **No**
 If generating plant experienced a labor dispute in the most recent calendar year, replacement workers were used: **No**

Part 5 - Vintage

Vintage (month and year of commercial operation): **12/2009**
 Repowering/derate date: **NA**
 Refurbishment date: **NA** (Relevant to Maine RPS)
 Date Operation Recommended after at Least Two Years of Not Operating: **NA** (Relevant to Maine RPS)
 Date recognized by System Operators as capacity resource after not being recognized as a capacity resource for at least two years: **NA** (Relevant to Maine RPS)
 Capacity addition/subtraction: **NA**
 FERC hydroelectric license relicensing date: **NA**

Part 6 - Asset identification

Asset identification:
 Asset owner: **NA**
 Status: **ACT**
 Capacity: **0.029**
 Ability to Cogenerate Electricity and Steam: **No**
 Steam was generated with Electricity for the Vintage : **No**

Part 7 - Total MWh generated during the reporting period

Total MWh generated: **6**

Part 8 - Location of GIS Generator

Location of generating unit: **New England (ISO New England Control Area)**
 State: **MASSACHUSETTS**

Part 9 - Green-E Eligibility

Green-E eligible: **NA**
 Green-E fuel type: **NA**

Part 10 - Third Party Reporting Entity

Third Party Reporting Entity: **Self Reporting**

Part 11 - Status under Regional Greenhouse Gas Initiative

Generating Unit in Control Area that is subject to RGGI requirements ("RGGI-Affected"): **No**

Generating Unit in Control Area that is not RGGI-Affected solely because it has a generating capacity under 25 MW: **No**

Generating Unit in Control Area that is not RGGI-Affected because of its fuel source, regardless of its generating capacity: **Yes**

Generating Unit not in Control Area: **No**

Part 12 - Low Impact Hydro Institute Certification

Low Impact Hydro Institute eligible: **0**

**Certificate Information**

Plant - Unit Name: **Jiminy Peak Wind QF - Turbine 1**
 Month and year of generation : **12/2010**
 Certificate Serial Numbers: **From 290702-342 to 290702-342**
 Total Certificates: **1**

Part 1 - Fuel Sources

100% - Wind
 Short Description - **Wind**
 Description - **Wind**
 Fuel Type Attributes - **NA**

Part 2 - Renewable Portfolio Standard ("RPS") Eligibility**Connecticut**

Class I Renewable Energy Source: **No**
 Class II Renewable Energy Source: **No**
 State Certification Number:
 Date of Eligibility: **NA**
 Class III Portfolio Standard: **No**
 Eligible under Clean Energy Options ("CEO"): **No**
 R-O-R Hydro: Percentage Qualifying as Class I: **NA**

Massachusetts

RPS Class I Renewable Generation Unit: **Yes**
 Solar Carve-Out Unit: **No**
 Auction Solar Carve-Out Unit: **No**
 RPS Class II Renewable Generation Unit: **No**
 RPS Class II Waste Energy Generation Unit: **No**
 APS Alternative Generation Unit: **No**
 Generation level per year or Energy imported per year above which qualifies as RPS New Renewable Resource: **5**
 RPS Statement Of Qualification Number: **WD108608**
 Eligible MA Renewable for NOx allowances claims from Public Benefit set-a-side: **No**
 MA Renewable NOx State Certification Number:

Maine

Class I New Renewable Energy Resource Qualification: **No**
 Class II Eligible Resource: **No**
 Community Based Renewable Energy: **No**
 Eligible for CO2 Netting: **No**
 State Certification Number:
 Date of Eligibility: **NA**

Rhode Island

New Renewable Energy Resource: **No**
 State Certification Number:
 Date of Eligibility: **NA**

Existing Renewable Energy Resource: **No**
 State Certification Number:
 Date of Eligibility: **NA**

New Hampshire

Class I Source: **No**
 Average annual electric production (in MWh) from a facility other than hydroelectric from 2004 through 2006, or for the first 36 months after commercial operation if that date is after December 31, 2001: **NA**
 Average annual production (in MWh) of a hydroelectric facility from the later of January 1, 1986 or the date of first commercial

operation through December 31, 2005 (if such a facility was upgraded or expanded during this baseline period, actual generation should be adjusted to estimate the average annual production that would have occurred had the upgrade or expansion been in place for this entire period): **NA**

Class II Source: **No**
 Class III Source: **No**
 Class IV Source: **No**
 State Certification Number:
 Date of Eligibility: **NA**

Part 3 - Emissions

CEM Reporting: **No**
 ORIS PL:
 Emissions Unit ID(s):
 Peer unit name and address (if not reporting actual generator emissions): **NA**

Normalized emission per MWh (pounds)

- Carbon dioxide: **0.00000**
 - Carbon monoxide: **0.00000**
 - Mercury: **0.00000**
 - Nitrogen oxides: **0.00000**
 - Particulate matter: **0.00000**
 - Particulate Matter 10 Microns: **0.00000**
 - Sulfur dioxides: **0.00000**
 - Volatile organic compounds: **0.00000**

Emissions Free Energy Certificate: Yes

Part 4 - Labor Characteristics

Majority of employees operating at generation plant are employed under collective bargaining agreement: **No**
 If generating plant experienced a labor dispute in the most recent calendar year, replacement workers were used: **No**

Part 5 - Vintage

Vintage (month and year of commercial operation): **08/2007**
 Repowering/derate date: **NA**
 Refurbishment date: **NA** (Relevant to Maine RPS)
 Date Operation Recommended after at Least Two Years of Not Operating: **NA** (Relevant to Maine RPS)
 Date recognized by System Operators as capacity resource after not being recognized as a capacity resource for at least two years: **NA** (Relevant to Maine RPS)
 Capacity addition/subtraction: **NA**
 FERC hydroelectric license relicensing date: **NA**

Part 6 - Asset identification

Asset identification:
 Asset owner: **NA**
 Status: **ACT**
 Capacity: **1.5**
 Ability to Cogenerate Electricity and Steam: **No**
 Steam was generated with Electricity for the Vintage : **No**

Part 7 - Total MWh generated during the reporting period

Total MWh generated: **471**

Part 8 - Location of GIS Generator

Location of generating unit: **New England (ISO New England Control Area)**
 State: **MASSACHUSETTS**

Part 9 - Green-E Eligibility

Green-E eligible: **NA**
 Green-E fuel type: **NA**

Part 10 - Third Party Reporting Entity

Third Party Reporting Entity: **Self Reporting**

Part 11 - Status under Regional Greenhouse Gas Initiative

Generating Unit in Control Area that is subject to RGGI requirements ("RGGI-Affected"): **No**

Generating Unit in Control Area that is not RGGI-Affected solely because it has a generating capacity under 25 MW: **No**

Generating Unit in Control Area that is not RGGI-Affected because of its fuel source, regardless of its generating capacity: **Yes**

Generating Unit not in Control Area: **No**

Part 12 - Low Impact Hydro Institute Certification

Low Impact Hydro Institute eligible: **0**

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EXHIBIT C

Month	Expense	Hours	Description
July 2010	\$1,181.25	15.75 hrs	Set up NH GreenUp suppliers in National Grid's system for the launch of the GreenUp program; Perform EDI (electronic data exchange) testing; Set up rates and pricing in National Grid's system for the GreenUp offering, including set up for customer payments; Confirm bill print information for GreenUp suppliers; Update website information as necessary; Coordinate with GreenUp suppliers regarding marketing and promotion; Collaborate with National Grid's media relations department to issue a press release announcing the GreenUp Program in New Hampshire
Aug. 2010	\$1,181.25	15.75 hrs	Continued set up and maintenance of NH GreenUp suppliers in National Grid's system; Perform EDI testing; Set up rates and pricing in National Grid's system for the GreenUp offering, including set up for customer payments; Confirm bill print information for GreenUp suppliers; Update website information as necessary; Coordinate with GreenUp suppliers regarding marketing and promotion
Sept. 2010	\$768.75	10.25 hrs	Continued set up and maintenance of NH GreenUp suppliers in National Grid's system; Perform EDI testing; Set up rates and pricing in National Grid's system for the GreenUp offering, including set up for customer payments; Confirm bill print information for GreenUp suppliers; Update website information as necessary; Coordinate with GreenUp suppliers regarding marketing and promotion
Oct. 2010	\$900	12 hrs	Continued set up and maintenance of NH GreenUp suppliers in National Grid's system; Perform EDI testing; Set up rates and pricing in National Grid's system for the GreenUp offering; Coordinate with GreenUp suppliers regarding marketing and promotion; Prepare bill insert for GreenUp marketing campaign
Nov. 2010	\$993.75	13.25 hrs	Continued set up and maintenance of NH GreenUp suppliers in National Grid's system; Perform EDI testing; Set up rates and pricing in National Grid's system for the

			GreenUp offering; Coordinate with GreenUp suppliers regarding marketing and promotion; Prepare bill insert for GreenUp marketing campaign; Prepare monthly e-mail to suppliers regarding customer participation
Dec. 2010	\$750	10 hrs	Continued set up and maintenance of NH GreenUp suppliers in National Grid's system; Perform EDI testing; Set up rates and pricing in National Grid's system for the GreenUp offering; Coordinate with GreenUp suppliers regarding marketing and promotion; Prepare monthly e-mail to suppliers regarding customer participation
Jan. 2011	\$637.50	8.5 hrs	Continued set up and maintenance of NH GreenUp suppliers in National Grid's system; Perform EDI testing; Set up rates and pricing in National Grid's system for the GreenUp offering; Update website information as necessary; Confirm bill print information for GreenUp suppliers; Coordinate with GreenUp suppliers regarding marketing and promotion; Prepare monthly e-mail to suppliers regarding customer participation
Feb. 2011	\$450	6 hrs	Finalize set up of NH GreenUp suppliers in National Grid's system; Set up rates and pricing in National Grid's system for the GreenUp offering; Update website information as necessary; Confirm bill print information for GreenUp suppliers; Coordinate with GreenUp suppliers regarding marketing and promotion; Prepare monthly e-mail to suppliers regarding customer participation
March 2011	\$468.75	6.25 hrs	Respond to supplier inquiries regarding customer participation; Prepare monthly e-mail to suppliers regarding customer participation; Assist in the preparation of GreenUp marketing budgets; Set up new GreenUp rates
Apr. 2011	\$225	3 hrs	Coordinate with suppliers regarding marketing and promotion; Respond to supplier inquiries regarding the NG GreenUp marketing campaign; Prepare monthly e-mail to suppliers regarding customer participation
May 2011	\$581.25	7.75 hrs	Respond to supplier inquiries regarding customer participation; Prepare monthly e-mail to suppliers regarding customer participation; Discontinue one GreenUp supplier in New Hampshire; Assist with marketing campaign; Revise website
June 2011	\$393.75	5.25 hrs	Respond to supplier inquiries regarding customer participation; Prepare monthly e-mail to suppliers regarding customer participation; Assist in preparation of GreenUp report for first year of program
TOTAL	\$8,531.25	113.75 hrs	

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EXHIBIT D

National Grid				
NH Green Up Marketing Expenses				
Date	Vendor	Customer Sector	Description	Amount
6/30/10	Kelliher Samets Volk	Residential	Planning fees for the print media buy	\$1,990.80
7/29/10	Metrographics	Residential	Direct mail postage	\$1,730.14
7/31/10	Kelliher Samets Volk	Residential	Planning fees for the print media buy	\$2,380.93
July 2010 Total				\$6,101.87
8/15/10	Kelliher Samets Volk	Residential	Purchasing print media ad space with various publications	\$11,188.10
8/16/10	Global Connect LLC	Commercial & Residential	Automated outbound calling	\$158.40
August 2010 Total				\$11,346.50
9/1/10	IDEAS	Residential	Printing direct mail	\$3,709.44
9/13/10	Global Connect LLC	Residential	Automated outbound calling	\$2.64
9/23/10	Gardner Nelson	Residential	Web updates	\$2,950.00
September 2010 Total				\$6,662.08
10/4/10	Kelliher Samets Volk	Residential	Purchasing print media ad space with various publications	\$2,212.80
10/12/10	InkStone Printing	Residential	Printing bill insert	\$1,288.36
10/18/10	InkStone Printing	Commercial	Printing bill insert	\$2,362.00
October 2010 Total				\$5,863.16
12/6/10	Tech Resources	Residential	E-mail blast	\$20.30
December 2010 Total				\$20.30
5/12/11	Tech Resources	Residential	E-mail blast	\$320.67
5/19/11	Tech Resources	Commercial	E-mail blast	\$252.00
May 2011 Total				\$572.67
6/14/11	InnerWorkings	Residential	Direct mail postage	\$1,708.50
6/17/11	InnerWorkings	Residential	Printing direct mail	\$3,192.19
6/17/11	Tech Resources	Commercial	E-mail blast	\$6.85
6/20/11	RAM Marketing	Residential	Telemarketing	\$1,661.59
6/21/11	Tech Resources	Residential	E-mail blast	\$107.08
June 2011 Total				\$6,676.21
TOTAL NH GREENUP MARKETING EXPENSES				\$37,243.23