

June 3, 2014

**VIA HAND DELIVERY & ELECTRONIC MAIL**

Luly E. Massaro, Commission Clerk  
Rhode Island Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

**RE: Docket 4412 - Long-Term Contracting for Renewable Energy Recovery Factor Response to PUC Data Request – Set 2**

Dear Ms. Massaro:

Attached are ten (10) copies of National Grid's<sup>1</sup> response to the PUC's Second Set of Data Requests, containing only one request within the set, concerning the above-referenced proceeding.

Thank you for your attention to this filing. Please feel free to contact me if you have any questions concerning this matter at (401) 784-7288.

Very truly yours,



Jennifer Brooks Hutchinson

Enclosures

cc: Docket 4412 Service List  
Steve Scialabba  
Leo Wold, Esq.

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<sup>1</sup> The Narragansett Electric Company d/b/a National Grid ("National Grid" or the "Company").

**Certificate of Service**

I hereby certify that a copy of the cover letter and/or any materials accompanying this certificate was electronically transmitted to the individuals listed below. Copies of this filing will be hand delivered to the RI Public Utilities Commission and to the RI Division of Public Utilities and Carriers.



June 3, 2014

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Joanne M. Scanlon

**Docket No. 4412 - National Grid – Filing to Amend Long-Term Contracting  
for Renewable Energy Recovery Factor effective 7/1/14**

**Service List updated 5/19/14**

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<b>File an original &amp; 9 copies w/:</b> Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	<a href="mailto:Luly.massaro@puc.ri.gov">Luly.massaro@puc.ri.gov</a>	401-780-2017
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The Narragansett Electric Company

d/b/a National Grid

R.I.P.U.C. Docket No. 4412

In Re: Long-Term Contracting For Renewable Energy Recovery Factor

Responses to Commission's Second Set of Data Requests

Issued on May 27, 2014

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PUC 2-1

Request:

Please provide a revised Attachment 1, page 2 of 2 to identify each PPA by name, rather than a number and to add a column between (a) and (b) on Section 1 to identify the commercial operation date.

Response:

Please see attached the Company's revised Attachment 1, page 2 of 2, to the May 15, 2014 filing.

**Long-Term Contracting for Renewable Energy Recovery  
Estimated Contract Cost and Market Value  
For the Period July 2014 through December 2014**

**Section 1: Estimated Six-Month Contract Cost**

Unit	Unit Capacity (MW) (a)	Commercial Operation Date (b)	Unit Availability Factor (c)	Estimated Six-Month Output (MWh) (d)	Contract Price (\$ per MWh) (e)	Estimated Six-Month Contract Cost (f)
RI LFG Genco Asset No. 40054	32.100	05/28/13	85%	119,508.3	\$125.86	\$15,041,315
Wind Energy Div. NK Green LLC Asset No. 42394	1.500	03/01/13	24%	1,576.8	\$133.50	\$210,503
Con Edison Development Asset No. 43512	2.000	07/19/13	14%	1,226.4	\$275.00	\$337,260
ACP Land LLC Asset No. 43527	0.500	07/18/13	14%	306.6	\$316.00	\$96,886
Comtran Cable Asset No. 43586	0.499	09/30/13	14%	306.0	\$316.00	\$96,692
CCI New England 500 kW Asset No. 43607	0.498	10/25/13	14%	305.4	\$316.00	\$96,498
Conanicut Marine Services (CMS) Solar Asset No. 43685	0.128	10/21/13	14%	78.5	\$288.00	\$22,605
Black Bear Orono B Hydro Asset No. 38083	3.958	11/22/13	90%	15,602.4	\$92.82	\$1,448,218
West Davisville Solar Asset No. 43716	2.340	12/06/13	14%	1,434.9	\$236.99	\$340,054
Forbes Street Solar Project Asset No. 43762	3.710	12/20/13	14%	2,275.0	\$239.00	\$543,718
CCI New England 181 kW Asset No. 43921	0.181	02/27/14	14%	111.0	\$316.00	\$35,073
100 Dupont Solar Asset No. 44003	1.500	03/25/14	14%	919.8	\$209.00	\$192,238
225 Dupont Solar Asset No. 44004	0.300	03/25/14	14%	184.0	\$316.00	\$58,131
35 Martin Solar Asset No. 44006	0.500	03/27/14	14%	306.6	\$316.00	\$96,886
0 Martin Solar Asset No. 44005	0.500	03/27/14	14%	306.6	\$316.00	\$96,886
Gannon & Scott Solar Asset No. 44010	0.406	04/29/14	14%	249.0	\$284.00	\$70,704
Total				144,697		\$18,783,666

**Section 2: Estimated Market Value**

Class	Estimated MWh Purchased Under Contracts (g)	Market Energy Proxy (h)	Energy Market Value (i)	REC Proxy (j)	REC Market Value (k)	Capacity (l)	Total Market Value (m)
RI LFG Genco Asset No. 40054	119,508.3	\$63.152	\$7,547,187	\$60.83	\$7,269,690	\$542,880	\$15,359,757
Wind Energy Div. NK Green LLC Asset No. 42394	1,576.8	\$63.152	\$99,578	\$60.83	\$95,917		\$195,495
Con Edison Development Asset No. 43512	1,226.4	\$63.152	\$77,450	\$60.83	\$74,602		\$152,052
ACP Land LLC Asset No. 43527	306.6	\$63.152	\$19,362	\$60.83	\$18,650		\$38,012
Comtran Cable Asset No. 43586	306.0	\$63.152	\$19,324	\$60.83	\$18,613		\$37,937
CCI New England 500 kW Asset No. 43607	305.4	\$63.152	\$19,285	\$60.83	\$18,576		\$37,861
Conanicut Marine Services (CMS) Solar Asset No. 43685	78.5	\$63.152	\$4,957	\$60.83	\$4,775		\$9,732
Black Bear Orono B Hydro Asset No. 38083	15,602.4	\$63.152	\$985,325	\$60.83	\$949,096		\$1,934,421
West Davisville Solar Asset No. 43716	1,434.9	\$63.152	\$90,616	\$60.83	\$87,284		\$177,900
Forbes Street Solar Project Asset No. 43762	2,275.0	\$63.152	\$143,669	\$60.83	\$138,387		\$282,056
CCI New England 181 kW Asset No. 43921	111.0	\$63.152	\$7,009	\$60.83	\$6,751		\$13,760
100 Dupont Solar Asset No. 44003	919.8	\$63.152	\$58,087	\$60.83	\$55,951		\$114,038
225 Dupont Solar Asset No. 44004	184.0	\$63.152	\$11,617	\$60.83	\$11,190		\$22,807
35 Martin Solar Asset No. 44006	306.6	\$63.152	\$19,362	\$60.83	\$18,650		\$38,012
0 Martin Solar Asset No. 44005	306.6	\$63.152	\$19,362	\$60.83	\$18,650		\$38,012
Gannon & Scott Solar Asset No. 44010	249.0	\$63.152	\$15,722	\$60.83	\$15,144		\$30,866
Total			\$9,137,912		\$8,801,928	\$542,880	\$18,482,720

**Section 3: Estimated Above Market Cost**

	Estimated Above (Below) Market Cost (n)
RI LFG Genco Asset No. 40054	(\$318,442)
Wind Energy Div. NK Green LLC Asset No. 42394	\$15,008
Con Edison Development Asset No. 43512	\$185,208
ACP Land LLC Asset No. 43527	\$58,873
Comtran Cable Asset No. 43586	\$58,755
CCI New England 500 kW Asset No. 43607	\$58,637
Conanicut Marine Services (CMS) Solar Asset No. 43685	\$12,873
Black Bear Orono B Hydro Asset No. 38083	(\$486,203)
West Davisville Solar Asset No. 43716	\$162,154
Forbes Street Solar Project Asset No. 43762	\$261,663
CCI New England 181 kW Asset No. 43921	\$21,312
100 Dupont Solar Asset No. 44003	\$78,200
225 Dupont Solar Asset No. 44004	\$35,324
35 Martin Solar Asset No. 44006	\$58,873
0 Martin Solar Asset No. 44005	\$58,873
Gannon & Scott Solar Asset No. 44010	\$39,838
Total Estimated Above (Below) Market Cost	\$300,946

Column Descriptions:

- (a) commercially operable units
- (b) estimated
- (c) estimated
- (d) column (a) x column (c) x (8,760 ÷ 2) hours
- (e) per PPA
- (f) column (d) x column (e)
- (g) per column (d)
- (h) Standard Offer Service Spot Market Estimate for Commercial Group, excluding capacity and ancillary services components
- (i) column (g) x column (h)
- (j) REC price estimate based on most recent market information
- (k) column (g) x column (j)
- (l) Expected capacity revenue from ISO-NE
- (m) column (i) + column (k) + column (l)
- (n) column (f) - column (m)