

February 9, 2016

BY HAND DELIVERY AND ELECTRONIC MAIL

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

**RE: Docket 4589-A-Proposed 2016 Renewable Energy Growth Program Tariff and Rule
Changes and Proposed SolarWise Program
Response to Record Request**

Dear Ms. Massaro:

I have enclosed ten copies of National Grid's¹ response to the record request issued by the Public Utilities Commission in the above-referenced docket.

Thank you for your attention to this filing. If you have any questions, please contact me at 781-907-2121.

Very truly yours,



Raquel J. Webster

Enclosure

cc: Docket 4589 Service List
Leo Wold, Esq.
Jon Hagopian, Esq.
Steve Scialabba, Division

¹ The Narragansett Electric Company d/b/a National Grid (National Grid or Company).

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.



Joanne M. Scanlon

February 9, 2016

Date

Docket No. 4589-A National Grid 2016 Renewable Energy Growth Program Tariff and Rule Changes and Proposed SolarWise Program; and

Docket No. 4589-B RI Distributed Generation Board (DG Board) Report and Recommendation Regarding 2016 Renewable Energy Growth Classes, Ceiling Prices and Targets

Service List updated 12/23/15

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The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 4589-A
In Re: Renewable Energy Growth Program and SolarWise Proposal
Response to Commission's Record Request
Issued on February 3, 2016

Record Request No. 1

Request:

As a follow-up to COMM 3-11, what is the estimated total incremental, itemized cost of the RE Growth Program, through March 31, 2040, that will be charged to customers through the RE Growth Factor?

Response:

As shown in Attachment RR-1, page 3, the total estimated cost of the RE Growth Program through March 31, 2040 that will be charged to customers through the RE Growth Factor is approximately \$626 million.

Renewable Energy Growth Program Cost Recovery
Summary of Costs by Year Through 2040

		Year 1 Y/E 3/31/2016 (a)	Year 2 Y/E 3/31/2017 (b)	Year 3 Y/E 3/31/2018 (c)
(1)	YEAR 1 BUILD			
	PBI Payments	\$609,597	\$1,219,195	\$1,219,195
(2)	YEAR 1 BUILD			
	Market Value	\$94,188	\$188,375	\$188,375
(3)	YEAR 1 BUILD			
	Net Cost	\$515,410	\$1,030,820	\$1,030,820
(4)	YEAR 2 BUILD			
	PBI Payments	\$0	\$6,183,693	\$12,367,385
(5)	YEAR 2 BUILD			
	Market Value	\$0	\$2,869,501	\$5,739,003
(6)	YEAR 2 BUILD			
	Net Cost	\$0	\$3,314,191	\$6,628,382
(7)	YEAR 3 BUILD			
	PBI Payments	\$0	\$0	\$6,183,693
(8)	YEAR 3 BUILD			
	Market Value	\$0	\$0	\$2,869,501
(9)	YEAR 3 BUILD			
	Net Cost	\$0	\$0	\$3,314,191
(10)	YEAR 4 BUILD			
	PBI Payments	\$0	\$0	\$0
(11)	YEAR 4 BUILD			
	Market Value	\$0	\$0	\$0
(12)	YEAR 4 BUILD			
	Net Cost	\$0	\$0	\$0
(13)	YEAR 5 BUILD			
	PBI Payments	\$0	\$0	\$0
(14)	YEAR 5 BUILD			
	Market Value	\$0	\$0	\$0
(15)	YEAR 5 BUILD			
	Net Cost	\$0	\$0	\$0
(16)	YEAR 6 BUILD			
	PBI Payments	\$0	\$0	\$0
(17)	YEAR 6 BUILD			
	Market Value	\$0	\$0	\$0
(18)	YEAR 6 BUILD			
	Net Cost	\$0	\$0	\$0
(19)	TOTAL			
	PBI Payments	\$609,597	\$7,402,887	\$19,770,273
(20)	TOTAL			
	Market Value	\$94,188	\$3,057,876	\$8,796,879
(21)	TOTAL			
	Net Cost	\$515,410	\$4,345,011	\$10,973,393
(22)	Admin/Metering Costs	\$1,183,104	\$625,000	\$625,000
(23)	Estimated Remuneration	\$10,668	\$129,551	\$345,980
(24)	Total Estimated RE Growth Program Expense	\$1,709,182	\$5,099,562	\$11,944,373

Line Notes:

Lines (1) through (24)
Columns (a) through (f): Per Comm 3-11
Line (16) through (18) Column (f) x
Column (g) 2 for full year
Sum of columns (a) through (f) plus
Column (h) column (g) x 19

Renewable Energy Growth Program Cost Recovery
Summary of Costs by Year Through 2040

		Year 4 Y/E 3/31/2019 (d)	Year 5 Y/E 3/31/2020 (e)	Year 6 Y/E 3/31/2021 (f)
(1)	YEAR 1 BUILD	PBI Payments	\$1,219,195	\$1,219,195
(2)	YEAR 1 BUILD	Market Value	\$188,375	\$188,375
(3)	YEAR 1 BUILD	Net Cost	\$1,030,820	\$1,030,820
(4)	YEAR 2 BUILD	PBI Payments	\$12,367,385	\$12,367,385
(5)	YEAR 2 BUILD	Market Value	\$5,739,003	\$5,739,003
(6)	YEAR 2 BUILD	Net Cost	\$6,628,382	\$6,628,382
(7)	YEAR 3 BUILD	PBI Payments	\$12,367,385	\$12,367,385
(8)	YEAR 3 BUILD	Market Value	\$5,739,003	\$5,739,003
(9)	YEAR 3 BUILD	Net Cost	\$6,628,382	\$6,628,382
(10)	YEAR 4 BUILD	PBI Payments	\$6,183,693	\$12,367,385
(11)	YEAR 4 BUILD	Market Value	\$2,869,501	\$5,739,003
(12)	YEAR 4 BUILD	Net Cost	\$3,314,191	\$6,628,382
(13)	YEAR 5 BUILD	PBI Payments	\$0	\$10,251,246
(14)	YEAR 5 BUILD	Market Value	\$0	\$4,904,526
(15)	YEAR 5 BUILD	Net Cost	\$0	\$5,346,719
(16)	YEAR 6 BUILD	PBI Payments	\$0	\$540,368
(17)	YEAR 6 BUILD	Market Value	\$0	\$331,215
(18)	YEAR 6 BUILD	Net Cost	\$0	\$209,154
(19)	TOTAL	PBI Payments	\$32,137,658	\$49,112,964
(20)	TOTAL	Market Value	\$14,535,882	\$22,641,124
(21)	TOTAL	Net Cost	\$17,601,776	\$26,471,840
(22)	Admin/Metering Costs		\$625,000	\$625,000
(23)	Estimated Remuneration		\$760,322	\$859,477
(24)	Total Estimated RE Growth Program Expense		\$24,974,649	\$27,956,317

Line Notes:

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Column (g) 2 for full year
Sum of columns (a) through (f) plus
Column (h) column (g) x 19

Renewable Energy Growth Program Cost Recovery
Summary of Costs by Year Through 2040

Year 7 - 25			Cumulative	
Y/E 3/31/2022 through Y/E 3/31/2040			Cost	
(g)			(h)	
(1)	YEAR 1 BUILD	PBI Payments	\$1,219,195	\$29,870,275
(2)	YEAR 1 BUILD	Market Value	\$188,375	\$4,615,188
(3)	YEAR 1 BUILD	Net Cost	\$1,030,820	\$25,255,087
(4)	YEAR 2 BUILD	PBI Payments	\$12,367,385	\$290,633,550
(5)	YEAR 2 BUILD	Market Value	\$5,739,003	\$134,866,563
(6)	YEAR 2 BUILD	Net Cost	\$6,628,382	\$155,766,987
(7)	YEAR 3 BUILD	PBI Payments	\$12,367,385	\$278,266,165
(8)	YEAR 3 BUILD	Market Value	\$5,739,003	\$129,127,561
(9)	YEAR 3 BUILD	Net Cost	\$6,628,382	\$149,138,604
(10)	YEAR 4 BUILD	PBI Payments	\$12,367,385	\$265,898,780
(11)	YEAR 4 BUILD	Market Value	\$5,739,003	\$123,388,558
(12)	YEAR 4 BUILD	Net Cost	\$6,628,382	\$142,510,222
(13)	YEAR 5 BUILD	PBI Payments	\$10,251,246	\$210,150,540
(14)	YEAR 5 BUILD	Market Value	\$4,904,526	\$100,542,792
(15)	YEAR 5 BUILD	Net Cost	\$5,346,719	\$109,607,749
(16)	YEAR 6 BUILD	PBI Payments	\$1,080,736	\$21,074,358
(17)	YEAR 6 BUILD	Market Value	\$662,429	\$12,917,367
(18)	YEAR 6 BUILD	Net Cost	\$418,307	\$8,156,991
(19)	TOTAL	PBI Payments	\$49,653,332	\$1,095,893,669
(20)	TOTAL	Market Value	\$22,972,339	\$505,458,029
(21)	TOTAL	Net Cost	\$26,680,994	\$590,435,639
(22)	Admin/Metering Costs		\$625,000	\$16,183,104
(23)	Estimated Remuneration		\$868,933	\$19,178,139
(24)	Total Estimated RE Growth Program Expense		\$28,174,927	\$625,796,882

Line Notes:

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Columns (a) through (f): Per Comm 3-11
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Column (g) 2 for full year
Sum of columns (a) through (f) plus
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