

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY**

**2016 SCRC RATE CALCULATION**

**000s**

	<u>Stranded Cost</u>	<u>Source</u>
1 Part 2 - Ongoing SCRC Costs	12,607	CJG-1 Page 3
2 Part 2 - 2015 Actual SCRC under/(over) Recovery	<u>3,632</u>	CJG-1 Page 3
3 Total Updated SCRC Cost (L1 + L2)	\$ 16,239	
4 Total Updated SCRC Revenue @ 0.211 cents/kwh	<u>16,673</u>	CJG-1 Page 3
5 Total SCRC under/(over) Recovery (L3 - L4)	(435)	
6 Forecasted Retail MWH Sales - July - December 2016	<u>4,074,129</u>	
7 Decrease in SCRC Rate - cents/kwh (L5 / L6) * 100	(0.011)	
8 Current SCRC rate approved in DE 15-416 - cents/kwh	<u>0.211</u>	
9 Updated SCRC Rate - cents/kwh (L7 + L8)	0.200	
10 RGGI Adder Rate - cents per kWh	<u>(0.116)</u>	CJG-2 Page 1
11 Proposed SCRC Rate Including RGGI Rebate	<u><u>0.084</u></u>	

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY

2016 SCRC RATE CALCULATION

000s

<u>SCRC Cost</u>	<u>Actual January 2016</u>	<u>Actual February 2016</u>	<u>Actual March 2016</u>	<u>Actual April 2016</u>	<u>Actual May 2016</u>	<u>Re-estimate June 2016</u>	<u>Total for the six months ended 6/30/16</u>	<u>Source</u>
1 SCRC Part 2 Costs	1,020	1,060	961	1,128	1,226	1,340	6,734	Attachment CJG-1, Page 4
2 2015 SCRC under(over) Recovery	<u>3,632</u>	-	-	-	-	-	<u>3,632</u>	
3 Total SCRC Cost	\$ 4,652	\$ 1,060	\$ 961	\$ 1,128	\$ 1,226	\$ 1,340	\$ 10,367	
4 Total SCRC Revenue @ 0.211 cents/kwh	<u>1,847</u>	<u>993</u>	<u>1,339</u>	<u>1,225</u>	<u>1,295</u>	<u>1,377</u>	<u>8,077</u>	
5 SCRC under/(over) Recovery	\$ 2,805	\$ 67	\$ (378)	\$ (97)	\$ (69)	\$ (37)	\$ 2,290	
6 Retail MWH Sales	688,885	649,828	637,588	580,267	612,781	652,753	3,822,102	

7 Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY

2016 SCRC RATE CALCULATION

000s

<u>SCRC Cost</u>	Re-estimate						Total for the twelve months ended 12/31/16	Source
	July 2016	August 2016	September 2016	October 2016	November 2016	December 2016		
1 SCRC Part 2 Costs	1,191	936	883	1,075	943	844	12,607	Attachment CJG-1, Page 5
2 2015 SCRC under(over) Recovery	-	-	-	-	-	-	3,632	
3 Total SCRC Cost	\$ 1,191	\$ 936	\$ 883	\$ 1,075	\$ 943	\$ 844	\$ 16,239	
4 Total SCRC Revenue @ 0.211 cents/kwh	1,563	1,559	1,329	1,309	1,319	1,517	16,673	
5 SCRC under/(over) Recovery	\$ (372)	\$ (624)	\$ (446)	\$ (234)	\$ (376)	\$ (672)	\$ (435)	
6 Retail MWH Sales	740,884	739,048	629,924	620,374	624,967	718,932	7,896,230	

7 Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY

2016 SCRC RATE CALCULATION

PART 2 ONGOING COSTS

000s

<b>SCRC Part 2 Ongoing Costs</b>	<b>Actual January 2016</b>	<b>Actual February 2016</b>	<b>Actual March 2016</b>	<b>Actual April 2016</b>	<b>Actual May 2016</b>	<b>Re-estimate June 2016</b>	<b>Total for the six months ended 06/30/16</b>
<b>Ongoing Costs - IPP</b>							
1 Amortization and return on IPP							
2 Buydown/Buyout Savings	\$ 54	\$ 57	\$ 63	\$ 61	\$ 62	\$ 53	\$ 349
3 IPP Ongoing costs:							
4 Total IPP Cost	1,956	1,729	1,465	1,842	1,708	1,852	10,552
5 less: IPP at Market Cost	<u>992</u>	<u>727</u>	<u>567</u>	<u>773</u>	<u>542</u>	<u>562</u>	<u>4,162</u>
6 Above Market IPP Cost	964	1,003	899	1,069	1,166	1,290	6,390
7 DOE Litigation Proceeds - Decommissioning Cost Refunds	-	-	-	-	-	-	-
8 Total Part 2 Costs	<u>\$ 1,017</u>	<u>\$ 1,059</u>	<u>\$ 961</u>	<u>\$ 1,130</u>	<u>\$ 1,228</u>	<u>\$ 1,343</u>	<u>\$ 6,739</u>
<b>Ongoing Costs - Return</b>							
9 Return on Yankee Decommissioning							
10 Obligations and CVEC, net of deferred taxes	(10)	(11)	(11)	(11)	(12)	(12)	(67)
11 Return on SCRC deferred balance	<u>13</u>	<u>11</u>	<u>11</u>	<u>10</u>	<u>9</u>	<u>9</u>	<u>63</u>
12 Total Part 2 Return	<u>\$ 3</u>	<u>\$ 1</u>	<u>\$ (0)</u>	<u>\$ (2)</u>	<u>\$ (2)</u>	<u>\$ (3)</u>	<u>\$ (5)</u>
13 Total Part 2 Ongoing Costs and Return	<u>\$ 1,020</u>	<u>\$ 1,060</u>	<u>\$ 961</u>	<u>\$ 1,128</u>	<u>\$ 1,226</u>	<u>\$ 1,340</u>	<u>\$ 6,734</u>

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY

2016 SCRC RATE CALCULATION

PART 2 ONGOING COSTS

000s

SCRC Part 2 Ongoing Costs	Re-estimate						Total for the twelve months ended 12/31/16
	July 2016	August 2016	September 2016	October 2016	November 2016	December 2016	
<b>Ongoing Costs - IPP</b>							
1 Amortization and return on IPP							
2 Buydown/Buyout Savings	\$ 49	\$ 49	\$ 49	\$ 51	\$ 53	\$ 52	\$ 651
3 IPP Ongoing costs:							
4 Total IPP Cost	1,950	1,542	1,319	1,610	1,674	2,003	20,650
5 less: IPP at Market Cost	803	649	477	576	773	1,197	8,637
6 Above Market IPP Cost	1,147	893	842	1,034	901	806	12,013
7 DOE Litigation Proceeds - Decommissioning Cost Refunds	-	-	-	-	-	-	-
8 Total Part 2 Costs	\$ 1,196	\$ 942	\$ 891	\$ 1,085	\$ 954	\$ 858	\$ 12,664
<b>Ongoing Costs - Return</b>							
9 Return on Yankee Decommissioning							
10 Obligations and CVEC, net of deferred taxes	\$ (12)	\$ (13)	\$ (13)	\$ (14)	\$ (14)	\$ (14)	(148)
11 Return on SCRC deferred balance	8	7	5	4	3	1	90
12 Total Part 2 Return	\$ (4)	\$ (6)	\$ (8)	\$ (10)	\$ (11)	\$ (13)	\$ (57)
13 Total Part 2 Ongoing Costs and Return	\$ 1,191	\$ 936	\$ 883	\$ 1,075	\$ 943	\$ 844	\$ 12,607

Amounts shown above may not add due to rounding.

**PSNH D/B/A EVERSOURCE ENERGY**  
**JULY THROUGH DECEMBER 2016 RGGI RATE CALCULATION**

**000s**

	<u>RGGI</u>	<u>Source</u>
1 Estimated Eversource Share Non-Core RGGI Proceeds	\$ (11,132)	CJG-2 Page 3, Lines 7 + 10
2 Actual under/(over) recovery 2015	<u>(2,298)</u>	CJG-2 Page 3, Line 9
3 Total Updated RGGI Costs	\$ (13,431)	(L1 + L2)
4 Total Updated RGGI Revenue @ (.228) cents / kWh	<u>(18,003)</u>	CJG-2 Page 3, Line 8
5 Total RGGI under/(over) Recovery	4,573	(L3 - L4)
6 Forecasted Retail MWH Sales July - December 2016	<u>4,074,129</u>	CJG-2 Page 3, Line 12
7 Increase in RGGI Rate - cents/kWh	0.112	(L5 / L6) * 100
8 Current RGGI rate approved DE 15-416	<u>(0.228)</u>	
9 Updated RGGI Rate - cents/kWh	(0.116)	(L7 + L8)

**PSNH D/B/A EVERSOURCE ENERGY**  
**JULY THROUGH DECEMBER 2016 RGGI RATE CALCULATION**

000s

<b>RGGI Rebate</b>	<b>Actual January 2016</b>	<b>Actual February 2016</b>	<b>Actual March 2016</b>	<b>Actual April 2016</b>	<b>Actual May 2016</b>	<b>Estimate June 2016</b>	<b>Total for the six months ended 06/30/2016</b>
<u>Auction Results</u>							
1 Allowances Sold	-	-	820	-	-	913	1,734
2 Clearing Price	\$ -	\$ -	\$ 5	\$ -	\$ -	\$ 5	
3 Total RGGI Proceeds	\$ -	\$ -	\$ 4,307	\$ -	\$ -	\$ 4,136	\$ 8,444
<u>Estimated Eversource Share</u>							
4 <u>Estimated Allocation</u>							
5 All Core	\$ (849)	\$ -	\$ (820)	\$ -	\$ -	\$ -	\$ (1,669)
6 All Utilities	(5,517)	-	(3,487)	-	-	-	(9,004)
7 Estimated Eversource Non-Core Share <sup>1</sup>	<u>(3,972)</u>	<u>-</u>	<u>(2,508)</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(6,480)</u>
8 Total RGGI Revenues @ (0.228) cents/kWh	\$ (1,571)	\$ (1,482)	\$ (1,454)	\$ (1,323)	\$ (1,397)	\$ (1,488)	\$ (8,714)
9 2015 RGGI under/(over) recovery	(2,298)	-	-	-	-	-	(2,298)
10 Carrying Charge on RGGI deferred balance	<u>(6)</u>	<u>(7)</u>	<u>(6)</u>	<u>(6)</u>	<u>(4)</u>	<u>(1)</u>	<u>(31)</u>
11 RGGI Under/(Over) Recovery	\$ (4,706)	\$ 1,475	\$ (1,061)	\$ 1,317	\$ 1,393	\$ 1,487	\$ (95)
12 Retail MWH sales	688,885	649,828	637,588	580,267	612,781	652,753	3,822,102

(1) Actual Eversource non-Core proceeds received.

**PSNH D/B/A EVERSOURCE ENERGY**  
**JULY THROUGH DECEMBER 2016 RGGI RATE CALCULATION**

000s

<b>RGGI Rebate</b>	<b>Estimate July 2016</b>	<b>Estimate August 2016</b>	<b>Estimate September 2016</b>	<b>Estimate October 2016</b>	<b>Estimate November 2016</b>	<b>Estimate December 2016</b>	<b>Total for the twelve months ended 12/31/2016</b>
<u>Auction Results</u>							
1 Allowances Sold	-	-	913			913	3,560
2 Clearing Price	\$ -	\$ -	\$ 5	\$ -	\$ -	\$ 5	
3 Total RGGI Proceeds	\$ -	\$ -	\$ 4,136	\$ -	\$ -	\$ 4,136	\$ 16,716
<u>Estimated Eversource Share</u>							
4 <u>Estimated Allocation</u>							
5 All Core	\$ (913)	\$ -	\$ -	\$ (913)	\$ -	\$ -	\$ (3,495)
6 All Utilities	(3,223)	-	-	(3,223)	-	-	(15,451)
7 Estimated Eversource Non-Core Share <sup>1</sup>	(2,319)	-	-	(2,319)	-	-	(11,118)
8 Total RGGI Revenues @ (0.228) cents/kWh	\$ (1,689)	\$ (1,685)	\$ (1,436)	\$ (1,414)	\$ (1,425)	\$ (1,639)	\$ (18,003)
9 2015 RGGI under/(over) recovery	-	-	-	-	-	-	(2,298)
10 Carrying Charge on RGGI deferred balance	(1)	0	3	3	4	7	(15)
11 RGGI Under/(Over) Recovery	\$ (630)	\$ 1,685	\$ 1,439	\$ (901)	\$ 1,429	\$ 1,646	\$ 4,573
12 Retail MWH sales	740,884	739,048	629,924	620,374	624,967	718,932	7,896,230

(1) Eversource used 71.94% times the Non-Core RGGI proceeds to calculate the Eversource share based on the Auction No. 31 (Mar 2016) rebate allocation. Receipt of proceeds has been lagged by 1 month from the actual auction date.



**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY**  
**SCRC Rates Calculated for Effect on July 1, 2016**  
**Reflecting a Retail Average SCRC Rate of 0.200 ¢/KWH excluding RGGI Refunds**  
**And a RGGI Refund Amount of (0.116) ¢/KWH**

<u>Rate</u>	<u>Blocks</u>	<u>(1) (2) (3)</u> <u>SCRC Rates Effective 01/01/2016</u>			<u>(4) (5) (6)</u> <u>SCRC Rates Effective 07/01/2016</u>		
		<u>Excluding RGGI Refund</u>	<u>RGGI Refund</u>	<u>Total SCRC</u>	<u>Excluding RGGI Refund</u>	<u>RGGI Refund</u>	<u>Total SCRC</u>
Residential Rate R	All KWH	\$ 0.00222	\$ (0.00228)	\$ (0.00006)	\$ 0.00210	\$ (0.00116)	\$ 0.00094
Uncontrolled Water Heating	All KWH	\$ 0.00222	\$ (0.00228)	\$ (0.00006)	\$ 0.00210	\$ (0.00116)	\$ 0.00094
Controlled Water Heating	All KWH	\$ 0.00139	\$ (0.00228)	\$ (0.00089)	\$ 0.00132	\$ (0.00116)	\$ 0.00016
Residential Rate R-OTOD	All KWH	\$ 0.00193	\$ (0.00228)	\$ (0.00035)	\$ 0.00183	\$ (0.00116)	\$ 0.00067
General Service Rate G	Load charge (over 5 KW)	\$ 0.13	\$ -	\$ 0.13	\$ 0.12	\$ -	\$ 0.12
	All KWH	\$ 0.00181	\$ (0.00228)	\$ (0.00047)	\$ 0.00172	\$ (0.00116)	\$ 0.00056
Space Heating	All KWH	\$ 0.00276	\$ (0.00228)	\$ 0.00048	\$ 0.00262	\$ (0.00116)	\$ 0.00146
General Service Rate G-OTOD	Load charge	\$ 0.06	\$ -	\$ 0.06	\$ 0.06	\$ -	\$ 0.06
	All KWH	\$ 0.00143	\$ (0.00228)	\$ (0.00085)	\$ 0.00135	\$ (0.00116)	\$ 0.00019
Load Controlled Service Rate LCS	Radio-controlled option	\$ 0.00139	\$ (0.00228)	\$ (0.00089)	\$ 0.00132	\$ (0.00116)	\$ 0.00016
	8-hour option	\$ 0.00139	\$ (0.00228)	\$ (0.00089)	\$ 0.00132	\$ (0.00116)	\$ 0.00016
	10 or 11-hour option	\$ 0.00139	\$ (0.00228)	\$ (0.00089)	\$ 0.00132	\$ (0.00116)	\$ 0.00016
Primary General Service Rate GV	Demand charge	\$ 0.13	\$ -	\$ 0.13	\$ 0.12	\$ -	\$ 0.12
	All KWH	\$ 0.00174	\$ (0.00228)	\$ (0.00054)	\$ 0.00165	\$ (0.00116)	\$ 0.00049
Large General Service Rate LG	Demand charge	\$ 0.13	\$ -	\$ 0.13	\$ 0.12	\$ -	\$ 0.12
	On-peak KWH	\$ 0.00187	\$ (0.00228)	\$ (0.00041)	\$ 0.00177	\$ (0.00116)	\$ 0.00061
	Off-peak KWH	\$ 0.00146	\$ (0.00228)	\$ (0.00082)	\$ 0.00138	\$ (0.00116)	\$ 0.00022
Backup Service Rate B	Demand charge	\$ 0.03	\$ -	\$ 0.03	\$ 0.03	\$ -	\$ 0.03
	All KWH			(Energy charges in the Standard Rate for Delivery Service)			
Outdoor Lighting Service Rates OL, EOL	All KWH	\$ 0.00213	\$ (0.00228)	\$ (0.00015)	\$ 0.00202	\$ (0.00116)	\$ 0.00086

Notes:

- (1) Rates are based on a retail average rate of 0.211 ¢/kWh.
- (2) The average retail amount to be refunded to all delivery customers on an equal ¢/kWh basis
- (3) Column (1) plus Column (2)
- (4) The rates in Column (1) were adjusted by an equal percentage to achieve a retail average rate of 0.200 ¢/kWh
- (5) The average retail amount to be refunded to all delivery customers on an equal ¢/kWh basis
- (6) Column (4) plus Column (5)