

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

JANUARY THROUGH DECEMBER 2018 SCRC RATE CALCULATION

000s

	Total 2018 Stranded Cost	Source
1 Part 2 - Ongoing SCRC Costs	11,410	Attachment DFB-1, Page 3
2 Part 2 - 2017 Estimated SCRC under/(over) Recovery	<u>42</u>	Attachment DFB-2, Page 1
3 Total Updated SCRC Cost (L1+L2)	\$ 11,451	
4 Forecasted Retail MWh Sales	7,795,464	
5 Forecasted SCRC Rate - cents per kWh	<u>0.147</u>	
6 RGGI Adder Rate - cents per kWh	(0.105)	Attachment DFB-3, Page 1
7 Proposed SCRC Rate Including RGGI Rebate - cents per kWh	<u><u>0.042</u></u>	

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

JANUARY THROUGH DECEMBER 2018 SCRC RATE CALCULATION

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SCRC Cost	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Total	Source
	January 2018	February 2018	March 2018	April 2018	May 2018	June 2018	July 2018	August 2018	September 2018	October 2018	November 2018	December 2018	twelve months ended 12/31/18		
1 SCRC Part 2 Costs	701	613	926	1,291	1,228	1,048	1,009	891	839	1,035	972	858	11,410	Attachment DFB-1, Page 3	
2 2017 Actual SCRC Under(Over) Recovery	42	-	-	-	-	-	-	-	-	-	-	-	42		
3 Total SCRC Cost	\$ 742	\$ 613	\$ 926	\$ 1,291	\$ 1,228	\$ 1,048	\$ 1,009	\$ 891	\$ 839	\$ 1,035	\$ 972	\$ 858	\$ 11,451		
4 Total SCRC Revenue @ 0.147 cents/kWh	1,037	925	950	854	882	946	1,072	1,071	903	900	900	1,021	11,459		
5 SCRC Under/(Over) Recovery	\$ (294)	\$ (312)	\$ (24)	\$ 437	\$ 346	\$ 101	\$ (63)	\$ (180)	\$ (64)	\$ 135	\$ 73	\$ (163)	\$ (8)		
6 Retail MWh Sales	705,375	629,288	646,274	580,710	599,942	643,796	729,120	728,243	613,972	612,335	612,168	694,243	7,795,464		

7 Amounts shown above may not add due to rounding.

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

JANUARY THROUGH DECEMBER 2018 SCRC RATE CALCULATION

PART 2 ONGOING COSTS

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SCRC Part 2 Ongoing Costs	January 2018	February 2018	March 2018	April 2018	May 2018	June 2018	July 2018	August 2018	September 2018	October 2018	November 2018	December 2018	Total for the twelve months ended 12/31/18
Ongoing Costs - IPP													
1 Amortization and return on IPP	\$ 38	\$ 38	\$ 47	\$ 55	\$ 55	\$ 51	\$ 47	\$ 45	\$ 46	\$ 48	\$ 49	\$ 44	\$ 563
2 Buydown/Buyout Savings													
3 IPP Ongoing costs:													
4 Total IPP Cost	2,566	2,118	2,059	2,214	1,972	1,695	1,733	1,536	1,359	1,779	1,817	2,138	22,986
5 less: IPP at Market Cost	1,904	1,542	1,178	978	800	699	771	690	566	791	893	1,323	12,135
6 Above Market IPP Cost	662	576	881	1,236	1,172	996	962	846	794	988	924	815	10,852
7 Total Part 2 Costs	\$ 700	\$ 614	\$ 928	\$ 1,292	\$ 1,228	\$ 1,047	\$ 1,008	\$ 891	\$ 840	\$ 1,036	\$ 973	\$ 859	\$ 11,415
Ongoing Costs - Return													
8 Return on Yankee Decommissioning													
9 Obligations and CVEC, net of deferred taxes	2	1	1	1	0	(0)	(0)	(1)	(1)	(1)	(2)	(2)	(2)
10 Return on SCRC deferred balance	(0)	(2)	(2)	(2)	(0)	1	1	0	(0)	0	0	0	(3)
11 Total Part 2 Return	\$ 1	\$ (1)	\$ (2)	\$ (1)	\$ 0	\$ 1	\$ 1	\$ (0)	\$ (1)	\$ (1)	\$ (1)	\$ (2)	\$ (5)
12 Total Part 2 Ongoing Costs and Return	\$ 701	\$ 613	\$ 926	\$ 1,291	\$ 1,228	\$ 1,048	\$ 1,009	\$ 891	\$ 839	\$ 1,035	\$ 972	\$ 858	\$ 11,410

13 Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
JANUARY THROUGH DECEMBER 2018 SCRC RATE CALCULATION

000s

	<u>Total 2017 Stranded Cost</u>	<u>Source</u>
1 Part 2 - Ongoing SCRC Costs	11,567	Attachment DFB-2, Page 2
2 Part 2 - 2016 Actual SCRC under/(over) Recovery	<u>(8,862)</u>	Attachment DFB-2, Page 2
3 Total Updated SCRC Cost (L1+L2)	\$ 2,704	
4 Total Updated SCRC Revenue @ (0.030) cents/kWh	<u>2,663</u>	Attachment DFB-2, Page 2
5 Total SCRC under/(over) Recovery (L3 - L4)	42	

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

JANUARY THROUGH DECEMBER 2018 SCRC RATE CALCULATION

000s

SCRC Cost	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast		Total	Source
	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	October 2017	November 2017	December 2017	twelve months ended 12/31/17	
1 SCRC Part 2 Costs	959	947	785	1,067	1,134	1,029	1,002	871	1,019	1,012	932	808	11,567	Attachment DFB-2, Page 3
2 2016 Actual SCRC Under(Over) Recovery	(8,862)	-	-	-	-	-	-	-	-	-	-	-	(8,862)	
3 Total SCRC Cost	\$ (7,903)	\$ 947	\$ 785	\$ 1,067	\$ 1,134	\$ 1,029	\$ 1,002	\$ 871	\$ 1,019	\$ 1,012	\$ 932	\$ 808	\$ 2,704	
4 Total SCRC Revenue @ (0.030) cents/kWh	866	487	667	550	623	660	35	(450)	(195)	(184)	(183)	(214)	2,663	
5 SCRC Under/(Over) Recovery	\$ (8,769)	\$ 460	\$ 118	\$ 518	\$ 511	\$ 369	\$ 967	\$ 1,321	\$ 1,214	\$ 1,196	\$ 1,115	\$ 1,022	\$ 42	
6 Retail MWh Sales	729,350	596,520	666,169	563,708	604,845	654,370	694,219	700,401	625,783	590,495	610,673	712,594	7,749,126	

7 Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
JANUARY THROUGH DECEMBER 2018 SCRC RATE CALCULATION

PART 2 ONGOING COSTS

000s

SCRC Part 2 Ongoing Costs	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Forecast		Total for the twelve months ended 12/31/17
	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	October 2017	November 2017	December 2017	
Ongoing Costs - IPP													
1 Amortization and return on IPP													
2 Buydown/Buyout Savings	\$ 50	\$ 53	\$ 52	\$ 55	\$ 58	\$ 53	\$ 49	\$ 48	\$ 47	\$ 48	\$ 50	\$ 45	\$ 607
3 IPP Ongoing costs:													
4 Total IPP Cost	1,728	1,423	1,382	1,757	1,688	1,566	1,533	1,268	1,424	1,553	1,756	2,081	19,158
5 less: IPP at Market Cost	790	499	620	718	586	566	559	428	440	581	872	1,318	7,978
6 Above Market IPP Cost	938	923	761	1,040	1,101	1,000	974	840	984	972	884	763	11,180
7 Total Part 2 Costs	\$ 988	\$ 976	\$ 813	\$ 1,094	\$ 1,159	\$ 1,053	\$ 1,023	\$ 888	\$ 1,031	\$ 1,020	\$ 935	\$ 807	\$ 11,787
Ongoing Costs - Return													
8 Return on Yankee Decommissioning													
9 Obligations and CVEC, net of deferred taxes	5	5	5	4	4	4	3	3	3	2	2	2	41
10 Return on SCRC deferred balance	(35)	(34)	(33)	(31)	(29)	(27)	(25)	(20)	(15)	(10)	(5)	(1)	(264)
11 2016 SCRC True-up	2	-	-	-	-	-	-	-	-	-	-	-	2
12 Total Part 2 Return	\$ (28)	\$ (29)	\$ (28)	\$ (27)	\$ (25)	\$ (24)	\$ (21)	\$ (17)	\$ (12)	\$ (7)	\$ (3)	\$ 1	\$ (221)
13 Total Part 2 Ongoing Costs and Return	\$ 959	\$ 947	\$ 785	\$ 1,067	\$ 1,134	\$ 1,029	\$ 1,002	\$ 871	\$ 1,019	\$ 1,012	\$ 932	\$ 808	\$ 11,567

14 Amounts shown above may not add due to rounding.

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

JANUARY THROUGH DECEMBER 2018 RGGI RATE CALCULATION

000s

	<u>RGGI</u>	<u>Source</u>
1 Estimated PSNH Share Non-Core RGGI Proceeds	\$ (6,372)	DFB-3 Page 2, Lines 7 + 10
2 Estimated under/(over) recovery 2017	<u>(1,775)</u>	DFB-4 Page 1, Line 11
3 Total Updated RGGI Costs (L1 + L2)	\$ (8,147)	
4 Forecasted Retail MWh Sales	<u>7,795,464</u>	DFB-3 Page 2, Line 12
5 Forecasted RGGI Rate - cents/kwh (L3 / L4) * 100	(0.105)	

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

JANUARY THROUGH DECEMBER 2018 RGGI RATE CALCULATION

000s

RGGI Rebate	Estimate January 2018	Estimate February 2018	Estimate March 2018	Estimate April 2018	Estimate May 2018	Estimate June 2018	Estimate July 2018	Estimate August 2018	Estimate September 2018	Estimate October 2018	Estimate November 2018	Estimate December 2018	Total for the twelve months ended 12/31/2018
<u>Auction Results</u>													
1 Allowances Sold	-	-	787	-	-	787	-	-	787	-	-	787	3,149
2 Clearing Price	\$ -	\$ -	\$ 3.80	\$ -	\$ -	\$ 3.80	\$ -	\$ -	\$ 3.80	\$ -	\$ -	\$ 3.80	
3 Total RGGI Proceeds	\$ -	\$ -	\$ 2,992	\$ -	\$ -	\$ 2,992	\$ -	\$ -	\$ 2,992	\$ -	\$ -	\$ 2,992	11,967
Estimated Eversource Share													
4 <u>Estimated Allocation</u>													
5 All Core	\$ -	\$ -	\$ (787)	\$ -	\$ -	\$ (787)	\$ -	\$ -	\$ (787)	\$ -	\$ -	\$ (787)	(3,149)
6 All Utilities	-	-	(2,204)	-	-	(2,204)	-	-	(2,204)	-	-	(2,204)	(8,818)
7 Estimated Eversource Non-Core Share ¹	-	-	(1,591)	-	-	(1,591)	-	-	(1,591)	-	-	(1,591)	(6,364)
8 Total RGGI Revenues	\$ (741)	\$ (661)	\$ (679)	\$ (610)	\$ (630)	\$ (676)	\$ (766)	\$ (765)	\$ (645)	\$ (643)	\$ (643)	\$ (729)	(8,185)
9 2017 RGGI under/(over) recovery	(1,775)	-	-	-	-	-	-	-	-	-	-	-	(1,775)
10 Carrying Charge on RGGI deferred balance	(3)	(1)	(2)	(2)	(1)	(1)	(1)	0	0	(0)	1	1	(9)
11 RGGI Under/(Over) Recovery	\$ (1,037)	\$ 659	\$ (914)	\$ 608	\$ 629	\$ (916)	\$ 764	\$ 765	\$ (946)	\$ 643	\$ 644	\$ (861)	38
12 Retail MWh sales	705,375	629,288	646,274	580,710	599,942	643,796	729,120	728,243	613,972	612,335	612,168	694,243	7,795,464

(1) Eversource used 72.17% times the Non-Core RGGI proceeds to calculate the Eversource share based on the Auction No. 37 (September 2017) rebate allocation.

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

JANUARY THROUGH DECEMBER 2018 RGGI RATE CALCULATION

000s

RGGI Rebate	Actual January 2017	Actual February 2017	Actual March 2017	Actual April 2017	Actual May 2017	Actual June 2017	Actual July 2017	Actual August 2017	Actual September 2017	Actual October 2017	Estimate November 2017	Estimate December 2017	Total for the twelve months ended 12/31/2017
<u>Auction Results</u>													
1 Allowances Sold	-	-	793	-	-	882	-	-	793	-	-	793	3,261
2 Clearing Price	\$ -	\$ -	\$ 3.00	\$ -	\$ -	\$ 2.53	\$ -	\$ -	\$ 4.35	\$ -	\$ -	\$ 3.80	
3 Total RGGI Proceeds	\$ -	\$ -	\$ 2,378	\$ -	\$ -	\$ 2,233	\$ -	\$ -	\$ 3,449	\$ -	\$ -	\$ 3,013	11,072
Estimated Eversource Share													
<u>4 Estimated Allocation</u>													
5 All Core	\$ -	\$ -	\$ (793)	\$ -	\$ -	\$ (882)	\$ -	\$ -	\$ (793)	\$ -	\$ -	\$ (793)	(3,261)
6 All Utilities	-	-	(1,586)	-	-	(1,350)	-	-	(2,656)	-	-	(2,220)	(7,812)
7 Estimated Eversource Non-Core Share ¹	-	-	(1,144)	-	-	(974)	-	-	(1,917)	-	-	(1,602)	(5,637)
8 Total RGGI Revenues	\$ (532)	\$ (435)	\$ (486)	\$ (412)	\$ (442)	\$ (478)	\$ (430)	\$ (434)	\$ (388)	\$ (366)	\$ (379)	\$ (442)	(5,224)
9 2016 RGGI under/(over) recovery	(1,345)	-	-	-	-	-	-	-	-	-	-	-	(1,345)
10 Carrying Charge on RGGI deferred balance	(2)	(1)	(1)	(2)	(1)	(1)	(1)	(0)	(1)	(2)	(2)	(2)	(17)
11 RGGI Under/(Over) Recovery	\$ (814)	\$ 434	\$ (659)	\$ 410	\$ 441	\$ (498)	\$ 429	\$ 434	\$ (1,530)	\$ 364	\$ 377	\$ (1,163)	(1,775)
12 Retail MWh sales	729,350	596,520	666,169	563,708	604,845	654,370	694,219	700,401	625,783	590,495	610,673	712,594	7,749,126

(1) Actuals for March, June and October receipts. For December receipts, Eversource used 72.17% times the Non-Core RGGI proceeds to calculate the Eversource share based on the Auction No. 37 (September 2017) rebate allocation.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
SCRC Rates Calculated for Effect on January 01, 2018
Reflecting a Retail Average SCRC Rate of 0.147¢/kWh excluding RGGI Refunds
And a RGGI Refund Amount of -0.105¢/kWh

Rate	Blocks	<u>(1)</u> <u>SCRC Rates Effective 07/01/2017</u>			<u>(4)</u> <u>SCRC Rates Effective 01/01/2018</u>		
		Excluding RGGI Refund	RGGI Refund	Total SCRC	Excluding RGGI Refund	RGGI Refund	Total SCRC
Residential Rate R	All kWh	\$ (0.00032)	\$ (0.00062)	\$ (0.00094)	\$ 0.00153	\$ (0.00105)	\$ 0.00048
Uncontrolled Water Heating	All kWh	\$ (0.00032)	\$ (0.00062)	\$ (0.00094)	\$ 0.00153	\$ (0.00105)	\$ 0.00048
Controlled Water Heating	All kWh	\$ (0.00020)	\$ (0.00062)	\$ (0.00082)	\$ 0.00096	\$ (0.00105)	\$ (0.00009)
Residential Rate R-OTOD	All kWh	\$ (0.00028)	\$ (0.00062)	\$ (0.00090)	\$ 0.00134	\$ (0.00105)	\$ 0.00029
General Service Rate G	Load charge (over 5 kW)	\$ (0.02)	\$ -	\$ (0.02)	\$ 0.10	\$ -	\$ 0.10
	All kWh	\$ (0.00026)	\$ (0.00062)	\$ (0.00088)	\$ 0.00125	\$ (0.00105)	\$ 0.00020
Space Heating	All kWh	\$ (0.00039)	\$ (0.00062)	\$ (0.00101)	\$ 0.00187	\$ (0.00105)	\$ 0.00082
General Service Rate G-OTOD	Load charge	\$ (0.01)	\$ -	\$ (0.01)	\$ 0.05	\$ -	\$ 0.05
	All kWh	\$ (0.00020)	\$ (0.00062)	\$ (0.00082)	\$ 0.00096	\$ (0.00105)	\$ (0.00009)
Load Controlled Service Rate LCS	Radio-controlled option	\$ (0.00020)	\$ (0.00062)	\$ (0.00082)	\$ 0.00096	\$ (0.00105)	\$ (0.00009)
	8-hour option	\$ (0.00020)	\$ (0.00062)	\$ (0.00082)	\$ 0.00096	\$ (0.00105)	\$ (0.00009)
	10 or 11-hour option	\$ (0.00020)	\$ (0.00062)	\$ (0.00082)	\$ 0.00096	\$ (0.00105)	\$ (0.00009)
Primary General Service Rate GV	Demand charge	\$ (0.02)	\$ -	\$ (0.02)	\$ 0.10	\$ -	\$ 0.10
	All kWh	\$ (0.00025)	\$ (0.00062)	\$ (0.00087)	\$ 0.00120	\$ (0.00105)	\$ 0.00015
Large General Service Rate LG	Demand charge	\$ (0.02)	\$ -	\$ (0.02)	\$ 0.10	\$ -	\$ 0.10
	On-peak kWh	\$ (0.00027)	\$ (0.00062)	\$ (0.00089)	\$ 0.00129	\$ (0.00105)	\$ 0.00024
	Off-peak kWh	\$ (0.00021)	\$ (0.00062)	\$ (0.00083)	\$ 0.00101	\$ (0.00105)	\$ (0.00004)
Backup Service Rate B	Demand charge	\$ (0.01)	\$ -	\$ (0.01)	\$ 0.05	\$ -	\$ 0.05
	All kWh			(Energy charges in the Standard Rate for Delivery Service)			
Outdoor Lighting Service Rates OL, EOL	All kWh	\$ (0.00030)	\$ (0.00062)	\$ (0.00092)	\$ 0.00144	\$ (0.00105)	\$ 0.00039

Notes:

- (1) Rates are based on a retail average rate of -0.03 ¢/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 0.147 ¢/kWh
- (5) The average retail amount to be refunded to all delivery customers on an equal ¢/kWh basis
- (6) Column (4) plus Column (5)