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Matthew J. Fossum
Senior Counsel

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February 26, 2018

Ms. Debra A. Howland
Executive Director
New Hampshire Public Utilities Commission
21 South Fruit Street, Suite 10
Concord, New Hampshire 03301-2429

Re: Public Service Company of New Hampshire d/b/a Eversource Energy
Stranded Cost Recovery Charge - Docket No. DE 16-823
Default Energy Service Rate - Docket No. DE 16-822



Dear Director Howland:

Enclosed please find Public Service Company of New Hampshire d/b/a Eversource Energy (Eversource)'s reconciliation of Stranded Cost Recovery Charge (SCRC) and Energy Service (ES) revenues and expenses for the period October 1, 2017 through December 31, 2017. In the Stipulation and Settlement filed in Docket No. DE 02-127, Eversource, the Office of Consumer Advocate (OCA) and Staff agreed that Eversource would make preliminary quarterly filings reconciling SCRC and ES revenues and expenses.

The preliminary results for the fourth quarter of 2017 indicate the following:

- (1) The SCRC expenses have exceeded SCRC revenues resulting in an under recovery of approximately \$3.1 million, as shown on page 1 of the attached filing.
- (2) The ES expenses exceeded ES revenues (including Merrimack Scrubber) resulting in an over recovery of approximately \$3.6 million, as shown on page 5 of the attached filing.

This report is being filed electronically and one paper copy is being sent to the Commission. Copies of this filing have been e-mailed to the persons on the attached service list.

Sincerely,

A handwritten signature in blue ink, appearing to be "Matthew J. Fossum".

Matthew J. Fossum
Senior Counsel

Enclosures
cc: Service List

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
2017 ENERGY SERVICE AND STRANDED COST RECOVERY RECONCILIATION

2017 QUARTERLY FILING - OCTOBER THRU DECEMBER 2017
000s

Stranded Cost (SC) Balances

	<u>10/01/17</u> <u>Stranded Cost</u> <u>Balance</u>	(Decr)/Incr for the three months ended <u>12/31/17</u>	<u>12/31/17</u> <u>Stranded Cost</u> <u>Balance</u>
1 Part 2 - IPP Bio-energy Savings	\$ -	\$ -	\$ -
2 IPP Buyouts/Buydowns & Savings	1,833	(141)	1,692
3 IPP Buyouts/Buydowns/Adjustments	-	-	-
4 Cumulative Net SCRC (Over)/Under Recovery	<u>(3,291)</u>	<u>3,132</u>	<u>(159)</u>
5 Total stranded cost (L1+L2+L3+L4)	<u>\$ (4,819)</u>	<u>\$ 2,991</u>	<u>\$ 1,532</u>

Stranded Cost Recovery Charge (SCRC)

	<u>Total for</u> <u>the three months</u> <u>ended</u> <u>12/31/17</u>
6 Revenues:	
7 Stranded Cost Recovery Revenues	\$ (592)
8 Cost:	
9 Part 2 - Ongoing cost	<u>2,540</u>
10 Net SCRC (Over)/Under Recovery (L9-L7)	<u>\$ 3,132</u>

Notes:

All amounts above are supported on page 2.

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
2017 ENERGY SERVICE AND STRANDED COST RECOVERY RECONCILIATION

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Stranded Cost (SC) Balances

	Reference	01/01/17														
		Stranded Cost Balance	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	October 2017	November 2017	December 2017	Stranded Cost Balance	
1	Part 2 - IPP Bio-energy Savings	Page 4	(0)												(0)	
2	IPP Buyouts/Buydowns & Savings	Page 4	2,256	(47)	(47)	(47)	(47)	(47)	(47)	(47)	(47)	(47)	(47)	(47)	1,692	
3	Cumulative SCRC (Over)/Under Recovery	L9	(8,862)	93	460	118	518	511	369	967	1,321	1,214	1,197	1,124	(159)	
4	Total stranded cost		\$ (6,607)	\$ 46	\$ 413	\$ 71	\$ 471	\$ 464	\$ 322	\$ 920	\$ 1,274	\$ 1,167	\$ 1,150	\$ 1,077	\$ 763	\$ 1,532

Stranded Cost Recovery Charge (SCRC)

		January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	October 2017	November 2017	December 2017	Total 2017
5 Revenues:														
6 Stranded Cost Recovery Revenues	Page 3	\$ 866	\$ 487	\$ 667	\$ 550	\$ 623	\$ 660	\$ 35	\$ (450)	\$ (195)	\$ (184)	\$ (191)	\$ (217)	\$ 2,652
7 Cost:														
8 Total Stranded Cost	Page 4	959	947	785	1,067	1,134	1,029	1,002	871	1,020	1,013	933	593	11,355
9 Net SCRC (Over)/Under Recovery (L8-L6)		\$ 93	\$ 460	\$ 118	\$ 518	\$ 511	\$ 369	\$ 967	\$ 1,321	\$ 1,214	\$ 1,197	\$ 1,124	\$ 810	\$ 8,703

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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
2017 ENERGY SERVICE AND STRANDED COST RECOVERY RECONCILIATION

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Revenue By Class	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	October 2017	November 2017	December 2017	Total 2017
1 Stranded Cost Revenue													
2 Residential	\$ 210	\$ 82	\$ 81	\$ 80	\$ 67	\$ 77	\$ (75)	\$ (269)	\$ (234)	\$ (212)	\$ (209)	\$ (258)	\$ (660)
3 Commercial	156	64	66	65	65	72	(78)	(273)	(267)	(249)	(224)	(239)	(842)
4 Manufacturing	56	23	25	23	25	26	(27)	(113)	(122)	(109)	(96)	(87)	(375)
5 Public street lights	1	0	0	1	0	0	(1)	(1)	(1)	(1)	(1)	(1)	(5)
6 Subtotal	422	169	172	168	158	176	(181)	(655)	(625)	(571)	(530)	(585)	(1,883)
7 Unbilled SCRC accrual	216	98	107	77	101	106	(108)	(337)	(294)	(273)	(320)	(391)	(1,016)
8 Prior month reversal	(304)	(216)	(98)	(107)	(77)	(101)	(106)	108	337	294	273	320	321
9 Net SCRC Unbilled	(89)	(117)	9	(30)	23	6	(214)	(229)	43	21	(47)	(71)	(695)
10 Net SCRC Revenue and RGGI Auction Revenue	\$ 334	\$ 52	\$ 181	\$ 138	\$ 181	\$ 182	\$ (395)	\$ (884)	\$ (583)	\$ (550)	\$ (577)	\$ (657)	\$ (2,578)
11 Less RGGI Auction Revenue	(532)	(435)	(486)	(412)	(442)	(478)	(430)	(434)	(388)	(366)	(386)	(440)	(5,230)
12 Net SCRC Revenue	\$ 866	\$ 487	\$ 667	\$ 550	\$ 623	\$ 660	\$ 35	\$ (450)	\$ (195)	\$ (184)	\$ (191)	\$ (217)	\$ 2,652
13 Energy Service Revenue													
14 Residential	\$ 26,533	\$ 21,960	\$ 21,465	\$ 21,043	\$ 17,557	\$ 19,955	\$ 23,801	\$ 24,494	\$ 21,353	\$ 19,292	\$ 19,037	\$ 23,553	\$ 260,044
15 Commercial	8,889	7,920	7,952	7,668	6,596	7,471	8,044	8,661	7,937	7,260	6,771	7,839	93,009
16 Manufacturing	887	820	783	714	642	722	775	860	978	842	796	780	9,599
17 Public street lights	73	63	57	48	39	38	41	45	51	66	61	80	663
18 Subtotal	36,382	30,764	30,257	29,473	24,834	28,186	32,662	34,061	30,320	27,460	26,666	32,252	363,316
19 Unbilled ES accrual	18,403	17,297	18,085	15,221	15,687	16,759	17,954	18,024	14,716	13,533	16,612	22,233	204,524
20 Prior month reversal	(17,204)	(18,403)	(17,297)	(18,085)	(15,221)	(15,687)	(16,759)	(17,954)	(18,024)	(14,716)	(13,533)	(16,612)	(199,495)
21 Net ES Unbilled	1,199	(1,106)	788	(2,863)	465	1,072	1,195	70	(3,309)	(1,183)	3,079	5,622	5,029
22 Net ES Revenue	\$ 37,581	\$ 29,657	\$ 31,045	\$ 26,610	\$ 25,299	\$ 29,258	\$ 33,857	\$ 34,131	\$ 27,011	\$ 26,277	\$ 29,744	\$ 37,874	\$ 368,345

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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
2017 ENERGY SERVICE AND STRANDED COST RECOVERY RECONCILIATION

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Part 2 Ongoing Cost Activity	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	October 2017	November 2017	December 2017	Total 2017
1 Energy Service Ongoing Costs													
2 IPPs at Market Costs (1)	\$ 790	\$ 499	\$ 620	\$ 718	\$ 586	\$ 566	\$ 559	\$ 428	\$ 440	\$ 581	\$ 767	\$ 1,385	\$ 7,941
3 2016 ES true-up	(104)	-	-	-	-	-	-	-	-	-	-	-	(104)
4 Total Ongoing Cost Applicable to Energy Service	\$ 686	\$ 499	\$ 620	\$ 718	\$ 586	\$ 566	\$ 559	\$ 428	\$ 440	\$ 581	\$ 767	\$ 1,385	\$ 7,836
5 SCRC Ongoing Costs													
6 Amortization & Return on IPP buyout/buydown Savings	\$ 50	\$ 53	\$ 52	\$ 55	\$ 58	\$ 53	\$ 49	\$ 48	\$ 48	\$ 49	\$ 50	\$ 33	\$ 597
7 Above Market IPP Costs (1)	938	923	761	1,040	1,101	1,000	974	840	984	972	886	553	10,972
8 Return on deferred taxes													-
9 Return on Part 2 SCRC, 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 Yankee Obligation & Amortization	-	-	-	-	-	-	-	-	-	-	-	7	7
12 Net Regulatory Obligations and Amortizations													-
13 DOE Assessment & Amortization													-
14 DOE Cash Refund													-
15 2016 SCRC true-up	2												2
16 Total ongoing costs applicable to SCRC	\$ 959	\$ 947	\$ 785	\$ 1,067	\$ 1,134	\$ 1,029	\$ 1,002	\$ 871	\$ 1,020	\$ 1,013	\$ 933	\$ 593	\$ 11,355
17 Ongoing Costs Balances	<u>09/30/2017</u>	<u>Adjustments</u>		<u>Amortization</u>		<u>12/31/2017</u>							
18 IPP Bio-energy Savings	\$ -	\$ -		\$ -		\$ -							
19 IPP Buyouts/Buydowns & Savings	1,833	-		141		1,692							
	<u>\$ 1,833</u>	<u>\$ -</u>		<u>\$ 141</u>		<u>\$ 1,692</u>							

(1) IPP ongoing costs are supported on page 8.

Amounts shown above may not add due to rounding.

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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
2017 ENERGY SERVICE AND STRANDED COST RECOVERY RECONCILIATION

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Energy Service Charge (ES)

		01/01/17 ES Balance	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	October 2017	November 2017	December 2017	Total 2017														
1 Revenues:																													
2 Energy Service	Page 3	\$	37,581	\$	29,657	\$	31,045	\$	26,610	\$	25,299	\$	29,258	\$	33,857	\$	34,131	\$	27,011	\$	26,277	\$	29,744	\$	37,874	\$	368,345		
3 Cost:																													
4 Part 2 - Ongoing costs																													
5 - IPP at market	Page 4		686		499		620		718		586		566		559		428		440		581		767		1,385		7,836		
6 - Generation Costs	Page 6		31,566		28,619		30,499		30,417		30,754		35,541		29,302		28,508		26,484		28,482		30,017		36,052		366,242		
7 - Return on ES Deferral, net of deferred taxes			30		26		28		35		45		61		69		64		59		60		65		71		612		
8 Total Costs (L5 + L6 + L7)		\$	32,281	\$	29,144	\$	31,148	\$	31,169	\$	31,385	\$	36,168	\$	29,930	\$	29,001	\$	26,983	\$	29,123	\$	30,849	\$	37,509	\$	374,690		
9 Net ES (Over)/Under Recovery (L8 - L2)		\$	127,024	\$	(5,300)	\$	(513)	\$	102	\$	4,560	\$	6,086	\$	6,910	\$	(3,927)	\$	(5,130)	\$	(28)	\$	2,845	\$	1,104	\$	(365)	\$	133,369

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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
2017 ENERGY SERVICE AND STRANDED COST RECOVERY RECONCILIATION

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<u>Generation Cost Summary</u>	<u>Reference</u>	<u>January 2017</u>	<u>February 2017</u>	<u>March 2017</u>	<u>April 2017</u>	<u>May 2017</u>	<u>June 2017</u>	<u>July 2017</u>	<u>August 2017</u>	<u>September 2017</u>	<u>October 2017</u>	<u>November 2017</u>	<u>December 2017</u>	<u>Total 2017</u>
1 Generation Cost														
2 Fossil energy costs	Page 7	\$ 3,911	\$ 4,431	\$ 2,427	\$ 2,679	\$ 4,118	\$ 5,137	\$ 2,973	\$ 2,077	\$ 1,724	\$ 2,443	\$ 2,168	\$ 9,034	\$ 43,122
3 F/H O&M, depr. & taxes	Page 12	10,728	9,344	9,800	11,689	10,978	11,284	11,076	9,756	9,128	11,941	14,071	10,196	129,992
4 Return on rate base	Page 11	5,836	5,833	5,768	5,807	5,807	5,505	5,637	5,637	5,568	5,704	5,704	5,704	68,512
5 Seabrook costs / (credits)		-	-	-	-	-	-	-	-	-	-	-	-	-
6 Vermont Yankee		(0)	3	1	(20)	3	(7)	(1)	5	1	4	(2)	3	(11)
7 Purchases and sales	Page 9	6,449	4,749	7,201	6,180	6,305	5,235	6,514	7,102	6,176	5,868	5,796	3,360	70,935
8 Burgess BioPower	Page 9	2,857	2,304	3,545	2,466	3,582	3,455	2,983	2,838	2,850	1,909	2,593	3,531	34,914
9 ISO -NE Ancillary	Page 9	315	492	428	359	(1,568)	(310)	65	281	247	226	174	41	752
10 Capacity Costs	Page 9	(942)	(961)	(990)	(1,009)	(993)	(1,018)	(2,328)	(1,517)	(1,519)	(1,940)	(1,861)	(1,701)	(16,779)
11 NH RPS	Page 9	2,315	2,314	2,286	2,260	2,474	6,145	2,316	2,314	2,293	2,316	1,343	5,595	33,970
12 RGGI Costs	Page 9	96	109	32	6	49	115	67	14	16	12	31	289	835
13 Total		\$ 31,566	\$ 28,619	\$ 30,499	\$ 30,417	\$ 30,754	\$ 35,541	\$ 29,302	\$ 28,508	\$ 26,484	\$ 28,482	\$ 30,017	\$ 36,052	\$ 366,242

Amounts shown above may not add due to rounding

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
2017 ENERGY SERVICE AND STRANDED COST RECOVERY RECONCILIATION

2017 QUARTERLY FILING - OCTOBER THRU DECEMBER 2017
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<u>Fossil Energy Costs by Station</u>	<u>January 2017</u>	<u>February 2017</u>	<u>March 2017</u>	<u>April 2017</u>	<u>May 2017</u>	<u>June 2017</u>	<u>July 2017</u>	<u>August 2017</u>	<u>September 2017</u>	<u>October 2017</u>	<u>November 2017</u>	<u>December 2017</u>	<u>Total 2017</u>
1 Fossil Steam													
2 Merrimack	\$ 2,241	\$ 2,651	\$ 820	\$ 454	\$ 1,007	\$ 2,553	\$ 1,702	\$ 508	\$ 315	\$ 907	\$ 840	\$ 4,718	\$ 18,715
3 Schiller	2,045	2,153	2,011	1,333	2,076	1,709	1,782	1,574	1,533	1,695	1,806	3,123	22,839
4 Newington	108	80	114	10	1,426	560	29	507	134	301	39	1,565	4,872
5 Wyman No. 4	14	26	5	8	6	6	3	17	0	30	(0)	-	114
6 SO ₂ allowance / NO _x													-
7 Other (1)				1,109									1,109
8 Total Fossil Steam	\$ 4,408	\$ 4,909	\$ 2,949	\$ 2,914	\$ 4,515	\$ 4,827	\$ 3,517	\$ 2,607	\$ 1,982	\$ 2,932	\$ 2,685	\$ 9,405	47,649
9 Internal Combustion													
10 C.T.'s: Lost Nation	3	7	5	0	17	25	4	13	24	17	5	13	132
11 Merrimack	13	12	2	4	40	31	4	4	-	23	7	28	168
12 Schiller	-	6	6	-	-	-	-	2	24	9	-	35	83
13 White Lake	7	6	5	4	62	8	10	7	14	22	8	15	168
14 Total Internal Combustion	\$ 23	\$ 31	\$ 17	\$ 8	\$ 118	\$ 64	\$ 18	\$ 27	\$ 62	\$ 71	\$ 21	\$ 91	551
15 NWPP Credits (2)	(519)	(509)	(539)	(244)	(516)	245	(562)	(556)	(320)	(560)	(538)	(462)	\$ (5,079)
16 Total Fossil Energy Costs (L8 + L14 + L15)	\$ 3,911	\$ 4,431	\$ 2,427	\$ 2,679	\$ 4,118	\$ 5,137	\$ 2,973	\$ 2,077	\$ 1,724	\$ 2,443	\$ 2,168	\$ 9,034	\$ 43,122

(1) Railroad coal delivery contract settlement agreement.

(2) See Page 10, Line 9.

Amounts shown above may not add due to rounding

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
2017 ENERGY SERVICE AND STRANDED COST RECOVERY RECONCILIATION
FOR THE MONTH ENDING OCTOBER 31, 2017

SESD NO.	PROJECT NAME	KWHR PURCHASED	ENERGY PAYMENT	CAPACITY PAYMENT	--PAYMENT--		NET PAYMENT AMOUNT
					ENERGY (CENTS/KWHR)	TOTAL	
004	Swans Falls Hydro	15,838	\$ 595.75	\$ 2,876.56	3.76	21.92	\$ 3,472.31
011	Milton Mills Hydro	501,838	13,126.85	6,892.42	2.62	3.99	20,019.27
014	Sunapee Hydro	13,397	287.58	1,976.28	2.15	16.90	2,263.86
052	Briar Hydro	842,238	17,285.72	24,647.21	2.05	4.98	41,932.93
054	Pennacook Upper Falls	592,262	12,287.80	15,609.20	2.07	4.71	27,897.00
070	Monadnock Paper Mills	55,742	921.01	0.00	1.65	1.65	921.01
091	Noone Falls	0	0.00	533.22	0.00	0.00	533.22
106	Otter Lane Hydro	486	9.93	298.78	2.04	63.52	308.71
107	Peterborough Lower Hydro	33,439	4,059.86	1,567.85	12.14	16.83	5,627.71
171	Pettyboro Hydro	0	0.00	28.20	0.00	0.00	28.20
189	Errol Dam	950,921	23,344.53	15,294.88	2.45	4.06	38,639.41
440	WES Concord MSW	8,880,647	1,194,040.49	124,934.20	13.45	14.85	1,318,974.69
440A	WES Concord MSW ST	0	0.00	0.00	0.00	0.00	-
496	Turnkey Rochester	527,015	14,808.39	8,538.09	2.81	4.43	23,346.48
564	Four Hills Landfill	1,342,069	40,710.31	3,568.16	3.03	3.30	44,278.47
631	Bath Electric Hydro	12,501	304.23	1,811.09	2.43	16.92	2,115.32
636	Peterborough Upper Hydro	32,830	4,023.35	1,648.67	12.26	17.28	5,672.02
642	Spaulding Pond Hydro	12,806	345.27	1,081.08	2.70	11.14	1,426.35
1080	UNH Turbine	1	(0.07)	14,032.00	(7.00)	0.00	14,031.93
N2123	Wire Belt - PV N2123	1,069	26.55	0.00	2.48	2.48	26.55
2373	Manch-Boston Airport PV	10,705	259.42	0.00	2.42	2.42	259.42
2470	Favorite Foods	315	5.59	0.00	1.77	1.77	5.59
N5465	Portsmouth School - PV N5465	261	2.90	0.00	1.11	1.11	2.90
N5465A	Portsmouth School - PV N5465A	515	8.15	0.00	1.58	1.58	8.15
N5466	Portsmouth DPW - PV N5466	4,553	99.62	0.00	2.19	2.19	99.62
N5486	Rochester - PV N5486	5,480	117.20	0.00	2.14	2.14	117.20
N5606	34 Cellu/Worthen - PV N5606	25,390	583.65	0.00	2.30	2.30	583.65
GRAND TOTAL		13,862,318	1,327,254	225,338	9.57	11.20	1,552,592

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
2017 ENERGY SERVICE AND STRANDED COST RECOVERY RECONCILIATION**

FOR THE MONTH ENDING NOVEMBER 30, 2017

SESD NO.	PROJECT NAME	KWHR PURCHASED	ENERGY PAYMENT	CAPACITY PAYMENT	--PAYMENT-- ENERGY (CENTS/KWHR)	TOTAL	NET PAYMENT AMOUNT
004	Swans Falls Hydro	271,509	\$ 10,234.95	\$ 2,867.95	3.77	4.83	\$ 13,102.90
011	Milton Mills Hydro	822,430	22,979.44	6,405.77	2.79	3.57	29,385.21
014	Sunapee Hydro	321,368	11,290.43	1,971.16	3.51	4.13	13,261.59
052	Briar Hydro	2,358,798	73,547.12	24,573.44	3.12	4.16	98,120.56
054	Pennacook Upper Falls	1,589,652	45,471.39	15,562.48	2.86	3.84	61,033.87
070	Monadnock Paper Mills	113,127	3,096.10	0.00	2.74	2.74	3,096.10
091	Noone Falls	0	0.00	531.62	0.00	0.00	531.62
106	Otter Lane Hydro	38,560	1,329.97	219.55	3.45	4.02	1,549.52
107	Peterborough Lower Hydro	130,310	15,755.92	1,567.85	12.09	13.29	17,323.77
171	Pettyboro Hydro	0	0.00	28.20	0.00	0.00	28.20
189	Errol Dam	1,648,299	48,773.64	15,249.10	2.96	3.88	64,022.74
440	WES Concord MSW	8,280,357	1,113,745.06	124,934.20	13.45	14.96	1,238,679.26
440A	WES Concord MSW ST	0	0.00	0.00	0.00	0.00	0.00
496	Turnkey Rochester	642,627	19,115.54	8,523.18	2.97	4.30	27,638.72
564	Four Hills Landfill	1,290,751	41,883.67	1,653.09	3.24	3.37	43,536.76
631	Bath Electric Hydro	130,381	4,365.87	1,639.88	3.35	4.61	6,005.75
636	Peterborough Upper Hydro	142,053	17,231.17	1,648.67	12.13	13.29	18,879.84
642	Spaulding Pond Hydro	54,187	1,637.21	1,078.22	3.02	5.01	2,715.43
1080	UNH Turbine	3	0.10	13,990.00	3.33	0.00	13,990.10
N2123	Wire Belt - PV N2123	(1,757)	(69.14)	0.00	0.00	0.00	(69.14)
2373	Manch-Boston Airport PV	684	12.39	0.00	1.81	1.81	12.39
2470	Favorite Foods	554	14.90	0.00	2.69	2.69	14.90
N5465	Portsmouth School - PV N5465	0	0.00	0.00	0.00	0.00	0.00
N5465A	Portsmouth School - PV N5465A	203	5.89	0.00	2.90	2.90	5.89
N5466	Portsmouth DPW - PV N5466	2,354	61.73	0.00	2.62	2.62	61.73
N5486	Rochester - PV N5486	3,470	90.49	0.00	2.61	2.61	90.49
N5606	34 Cellu/Worthen - PV N5606	16,212	408.19	0.00	2.52	2.52	408.19
GRAND TOTAL		17,856,132	1,430,982	222,444	8.01	9.26	1,653,426

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
2017 ENERGY SERVICE AND STRANDED COST RECOVERY RECONCILIATION

FOR THE MONTH ENDING DECEMBER 31, 2017

SESD NO.	PROJECT NAME	KWHR PURCHASED	ENERGY PAYMENT	CAPACITY PAYMENT	--PAYMENT-- ENERGY (CENTS/KWHR)	TOTAL	NET PAYMENT AMOUNT
004	Swans Falls Hydro	300,946	\$21,046.84	\$2,867.95	6.99	7.95	\$23,914.79
011	Milton Mills Hydro	596,015	39,074.85	6,426.57	6.56	7.63	45,501.42
014	Sunapee Hydro	174,638	15,910.91	1,971.16	9.11	10.24	17,882.07
052	Briar Hydro	1,567,158	121,398.91	24,573.44	7.75	9.31	145,972.35
054	Pennacook Upper Falls	1,184,813	82,615.51	15,562.48	6.97	8.29	98,177.99
070	Monadnock Paper Mills	27,223	1,627.50	0.00	5.98	5.98	1,627.50
091	Noone Falls	0	0.00	531.62	0.00	0.00	531.62
106	Otter Lane Hydro	32,111	2,483.46	223.05	7.73	8.43	2,706.51
107	Peterborough Lower Hydro	52,782	6,441.77	1,567.85	12.20	15.17	8,009.62
171	Pettyboro Hydro	0	0.00	28.20	0.00	0.00	28.20
189	Errol Dam	1,659,943	108,777.81	15,249.10	6.55	7.47	124,026.91
440	WES Concord MSW	8,296,381	1,105,993.34	124,934.20	13.33	14.84	1,230,927.54
440A	WES Concord MSW ST	0	0.00	0.00	0.00	0.00	0.00
496	Turnkey Rochester	525,342	38,708.73	8,523.18	7.37	8.99	47,231.91
564	Four Hills Landfill	1,283,608	98,430.50	1,738.09	7.67	7.80	100,168.59
631	Bath Electric Hydro	145,757	10,421.10	1,647.28	7.15	8.28	12,068.38
636	Peterborough Upper Hydro	71,164	8,675.22	1,648.67	12.19	14.51	10,323.89
642	Spaulding Pond Hydro	58,906	3,576.12	1,078.22	6.07	7.90	4,654.34
1080	UNH Turbine	303,080	50,263.43	13,990.00	16.58	21.20	64,253.43
N2123	Wire Belt - PV N2123	124	4.52	0.00	3.65	3.65	4.52
2373	Manch-Boston Airport PV	7	0.21	0.00	3.00	3.00	0.21
2470	Favorite Foods	9	0.31	0.00	3.44	3.44	0.31
N5465	Portsmouth School - PV N5465	0	0.00	0.00	0.00	0.00	0.00
N5465A	Portsmouth School - PV N5465A	3	0.12	0.00	4.00	4.00	0.12
N5466	Portsmouth DPW - PV N5466	478	15.32	0.00	3.21	3.21	15.32
N5486	Rochester - PV N5486	384	14.29	0.00	3.72	3.72	14.29
N5606	34 Cellu/Worthen - PV N5606	1,910	71.14	0.00	3.72	3.72	71.14
GRAND TOTAL		16,282,782	\$ 1,715,551.91	\$ 222,561.06	10.54	11.90	\$ 1,938,112.97

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
2017 ENERGY SERVICE AND STRANDED COST RECOVERY RECONCILIATION

2017 QUARTERLY FILING - OCTOBER THRU DECEMBER 2017
000s

<u>Purchases and Sales</u>	<u>January</u> <u>2017</u>	<u>February</u> <u>2017</u>	<u>March</u> <u>2017</u>	<u>April</u> <u>2017</u>	<u>May</u> <u>2017</u>	<u>June</u> <u>2017</u>	<u>July</u> <u>2017</u>	<u>August</u> <u>2017</u>	<u>September</u> <u>2017</u>	<u>October</u> <u>2017</u>	<u>November</u> <u>2017</u>	<u>December</u> <u>2017</u>	<u>Total</u> <u>2017</u>
1 Purchases	\$ 8,173	\$ 6,338	\$ 7,964	\$ 6,921	\$ 6,179	\$ 5,737	\$ 7,144	\$ 7,403	\$ 6,581	\$ 6,487	\$ 6,508	\$ 10,106	\$ 85,542
2 Burgess Bio-Power	2,857	2,304	3,545	2,466	3,582	3,455	2,983	2,838	2,850	1,909	2,593	3,531	34,914
3 Sales	(1,724)	(1,589)	(763)	(741)	126	(502)	(630)	(301)	(405)	(619)	(712)	(6,747)	(14,607)
4 ISO -NE Ancillary	315	492	428	359	(1,568)	(310)	65	281	247	226	174	41	752
5 Capacity Costs	(942)	(961)	(990)	(1,009)	(993)	(1,018)	(2,328)	(1,517)	(1,519)	(1,940)	(1,861)	(1,701)	(16,779)
6 NH RPS	2,315	2,314	2,286	2,260	2,474	6,145	2,316	2,314	2,293	2,316	1,343	5,595	33,970
7 RGGI Costs	96	109	32	6	49	115	67	14	16	12	31	289	835
8 Total	<u>\$ 11,090</u>	<u>\$ 9,007</u>	<u>\$ 12,502</u>	<u>\$ 10,262</u>	<u>\$ 9,849</u>	<u>\$ 13,622</u>	<u>\$ 9,618</u>	<u>\$ 11,033</u>	<u>\$ 10,062</u>	<u>\$ 8,391</u>	<u>\$ 8,076</u>	<u>\$ 11,115</u>	<u>\$ 124,627</u>

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
2017 ENERGY SERVICE AND STRANDED COST RECOVERY RECONCILIATION

2017 QUARTERLY FILING - OCTOBER THRU DECEMBER 2017
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Northern Wood Power Project (NWPP)

Summary of Total 2017 NWPP Benefit

	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	October 2017	November 2017	December 2017	Total 2017
1 Total Projected REC Revenue (1)	\$ 661	\$ 640	\$ 701	\$ 110	\$ 655	\$ 746	\$ 746	\$ 735	\$ 262	\$ 742	\$ 698	\$ 546	\$ 7,242
2 Total Projected Avoided RGGI Cost	-	-	-	-	-	-	-	-	-	-	-	-	-
3 Total NWPP Benefit	\$ 661	\$ 640	\$ 701	\$ 110	\$ 655	\$ 746	\$ 746	\$ 735	\$ 262	\$ 742	\$ 698	\$ 546	\$ 7,242

Customer Share of 2017 NWPP Benefit

4 NWPP Revenue Target	378	378	378	378	378	378	378	378	378	378	378	378	4,530
5 Projected REC Revenue Over Target (L1 - L4) x 50%	142	131	162	(134)	139	184	184	179	(58)	182	160	84	1,356
6 2016 REC Revenue True-Up (2)	-	-	-	-	-	(807)	-	-	-	-	-	-	(807)
7 Subtotal Fossil Energy Cost Offset (Page 7, Line 15)	\$ 519	\$ 509	\$ 539	\$ 244	\$ 516	\$ (245)	\$ 562	\$ 556	\$ 320	\$ 560	\$ 538	\$ 462	\$ 5,079
8 RGGI Avoided Cost (L2 x 50%)	-	-	-	-	-	-	-	-	-	-	-	-	-
9 Total Projected Customer Share of NWPP Benefit (L7 + L8)	\$ 519	\$ 509	\$ 539	\$ 244	\$ 516	\$ (245)	\$ 562	\$ 556	\$ 320	\$ 560	\$ 538	\$ 462	\$ 5,079

(1) REC revenues are projected at a rate of \$25.17 per MWh. The Production Tax Credit (PTC) expired in November 2016 and is no longer a part of this calculation.

(2) The 2016 actual REC revenues were lower than reflected in the annual reconciliation - DE 16-542.
The average REC sales price was \$29.14 vs. the \$34.42 per mWh that was projected in DE 16-542.

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
2017 ENERGY SERVICE AND STRANDED COST RECOVERY RECONCILIATION

2017 QUARTERLY FILING - OCTOBER THRU DECEMBER 2017
000s

	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	October 2017	November 2017	December 2017	Total
1 <u>Return on Rate Base</u>													
2 <u>Net Plant</u>	625,650	625,650	618,707	618,707	618,707	608,868	608,868	608,868	599,749	599,749	599,749	599,749	
3 Working Capital Allow. (45 days of O&M)	9,638	9,638	9,638	9,638	9,638	9,638	9,638	9,638	9,638	9,638	9,638	9,638	
4 Fossil Fuel Inventory	99,864	99,864	98,311	98,311	98,311	94,621	94,621	94,621	92,870	92,870	92,870	92,870	
5 Mat'ls and Supplies	62,590	62,590	68,167	68,167	68,167	55,765	55,765	55,765	63,354	63,354	63,354	63,354	
6 Prepayments - Insurance / RGI	1,724	1,724	1,736	1,736	1,736	1,433	1,433	1,433	741	741	741	741	
7 Deferred Taxes	(159,676)	(159,676)	(154,690)	(154,690)	(154,690)	(154,140)	(154,140)	(154,140)	(148,685)	(148,685)	(148,685)	(148,685)	
8 Other Regulatory Obligations - ARO/RPS	(18,921)	(18,921)	(26,028)	(26,028)	(26,028)	(21,681)	(21,681)	(21,681)	(27,981)	(27,981)	(27,981)	(27,981)	
9 <u>Total Rate Base-Adjusted (sum L2 thru L8)</u>	620,869	620,869	615,840	615,840	615,840	594,503	594,503	594,503	589,686	589,686	589,686	589,686	
10 Average Rate Base (prev + curr month)	621,206	620,869	618,354	615,840	615,840	605,172	594,503	594,503	592,095	589,686	589,686	589,686	
11 x Return	0.9395%	0.9395%	0.9395%	0.9430%	0.9430%	0.9430%	0.9482%	0.9482%	0.9482%	0.9673%	0.9673%	0.9673%	
12 <u>Return-Adjusted (L10 x L11) (1)</u>	\$ 5,836	\$ 5,833	\$ 5,768	\$ 5,807	\$ 5,807	\$ 5,505	\$ 5,637	\$ 5,637	\$ 5,568	\$ 5,704	\$ 5,704	\$ 5,704	\$ 68,512

(1) Line 12 includes a quarterly true-up adjustment.

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
2017 ENERGY SERVICE AND STRANDED COST RECOVERY RECONCILIATION

2017 QUARTERLY FILING - OCTOBER THRU DECEMBER 2017
000s

	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017	August 2017	September 2017	October 2017	November 2017	December 2017	Total 2017
1 Fossil / Hydro O&M, Depr. & Taxes													
2 F/H Operation & Maintenance Cost	\$ 6,183	\$ 5,298	\$ 5,599	\$ 7,276	\$ 6,242	\$ 6,147	\$ 5,821	\$ 5,666	\$ 4,892	\$ 7,543	\$ 8,649	\$ 5,892	\$ 75,207
3 F/H Depreciation Cost	3,370	3,373	3,374	3,413	3,733	4,200	4,206	3,144	3,272	3,276	4,601	3,324	43,287
4 F/H Property Taxes	940	443	590	781	780	718	772	750	758	771	621	666	8,591
5 F/H Payroll Taxes	177	172	179	159	164	159	215	136	145	288	138	251	2,183
6 Amortization of Asset Retirement Obligation	58	58	58	60	60	60	61	61	61	62	62	62	723
7 Total F/H O&M, Depr. and Taxes	<u>\$ 10,728</u>	<u>\$ 9,344</u>	<u>\$ 9,800</u>	<u>\$ 11,689</u>	<u>\$ 10,978</u>	<u>\$ 11,284</u>	<u>\$ 11,076</u>	<u>\$ 9,756</u>	<u>\$ 9,128</u>	<u>\$ 11,941</u>	<u>\$ 14,071</u>	<u>\$ 10,196</u>	<u>\$ 129,992</u>

Amounts shown above may not add due to rounding.