

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2016 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

Summary of Forecasted Energy Service Cost For January 2016 Through December 2016	TOTAL COST	Cents per KWH	Reference
Fossil energy costs	\$ 78,784	\$ 2.11	Attachment CJG-2, page 2
F/H O&M, depreciation & taxes	120,507	3.23	Attachment CJG-2, page 2
Return on rate base	64,961	1.74	Attachment CJG-2, page 2
ISO-NE ancillary	1,469	0.04	Attachment CJG-2, page 2
Capacity	(10,330)	(0.28)	Attachment CJG-2, page 2
NH RPS	25,086	0.67	Attachment CJG-2, page 2
RGGI costs	3,028	0.08	Attachment CJG-2, page 2
IPP costs (1)	13,740	0.37	Attachment CJG-2, page 2
Burgess BioPower	36,202	0.97	Attachment CJG-2, page 2
Purchases and sales	36,352	0.98	Attachment CJG-2, page 2
Return on ES Deferral	18	0.00	Attachment CJG-2, page 2
Amortization of previously deferred Scrubber costs	<u>17,612</u>	0.47	Attachment CJG-2, page 2
Total Forecasted Energy Service Cost	\$ 387,428	\$ 10.39	
2015 ES Over/Under Recovery	<u>(55)</u>	<u>(0.00)</u>	Attachment CJG-3, page 1
Net Forecasted Energy Service Cost	\$ 387,373		
Forecasted Retail MWH Sales	<u>3,727,689</u>	<u>10.39</u>	
Forecasted Energy Service Rate - cents Per KWH (line 29 / Line 31)	<u>10.39</u>		

(1) The IPP costs represent the forecasted market value of IPP generation.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2016 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

	January 2016 Estimate	February 2016 Estimate	March 2016 Estimate	April 2016 Estimate	May 2016 Estimate	June 2016 Estimate	Reference
Energy Service Cost							
Fossil energy costs	\$ 24,624	\$ 22,917	\$ 10,196	\$ -	\$ 605	\$ 1,306	CJG-2, P3
F/H O&M, depreciation & taxes	9,011	9,899	9,999	9,979	10,035	10,272	CJG-2, P5
Return on rate base	5,586	5,478	5,441	5,409	5,376	5,412	CJG-2, P6
ISO-NE ancillary	15	8	161	58	135	484	CJG-2, P3
Capacity	(801)	(776)	(799)	(862)	(913)	(861)	CJG-2, P3
NH RPS	2,338	2,163	2,134	1,878	1,901	2,052	CJG-2, P3
RGGI costs	957	908	470	-	-	15	CJG-2, P3
IPP costs (1)	2,354	1,835	1,665	1,092	919	926	CJG-2, P4
Burgess BioPower	3,295	3,099	3,295	1,821	3,295	3,197	CJG-2, P3
Purchases and sales (inc. Congestion and Loss Adj.)	(13,707)	(11,541)	810	8,873	5,747	7,112	CJG-2, P3
Return on ES Deferral	(1)	0	3	5	5	4	
Amortization of previously deferred Scrubber costs	1,468	1,468	1,468	1,468	1,468	1,468	
Total Energy Service Cost	\$ 35,139	\$ 35,458	\$ 34,844	\$ 29,722	\$ 28,574	\$ 31,387	
Forecasted Retail MWH Sales	347,260	321,453	317,141	279,113	282,586	304,897	
Energy Service Cost - cents per kwh	10.12	11.03	10.99	10.65	10.11	10.29	

(1) The IPP costs represent the forecasted market value of IPP generation.

Amounts shown above may not add due to rounding.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2016 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

	July 2016 Estimate	August 2016 Estimate	September 2016 Estimate	October 2016 Estimate	November 2016 Estimate	December 2016 Estimate	Total	Reference
Energy Service Cost								
Fossil energy costs	\$ 4,615	\$ 826	\$ 884	\$ 826	\$ 884	\$ 11,102	\$ 78,784	CJK-2, P3
F/H O&M, depreciation & taxes	11,215	9,354	10,174	10,449	9,912	10,208	120,507	CJK-2, P5
Return on rate base	5,441	5,399	5,370	5,361	5,352	5,334	64,961	CJK-2, P6
ISO-NE ancillary	137	68	52	172	208	(30)	1,469	CJK-2, P3
Capacity	(861)	(863)	(893)	(914)	(922)	(864)	(10,330)	CJK-2, P3
NH RPS	2,304	2,292	1,928	1,925	1,927	2,245	25,086	CJK-2, P3
RGGI costs	164	-	4	-	4	506	3,028	CJK-2, P3
IPP costs (1)	878	711	506	686	897	1,271	13,740	CJK-2, P4
Burgess BioPower	3,295	3,295	3,197	1,920	3,197	3,295	36,202	CJK-2, P3
Purchases and sales (inc. Congestion and Loss Adj.)	7,073	9,616	6,422	7,087	8,097	763	36,352	CJK-2, P3
Return on ES Deferral	4	2	(1)	(2)	(2)	(0)	18	
Amortization of previously deferred Scrubber costs	1,468	1,468	1,468	1,468	1,468	1,468	17,612	
Total Energy Service Cost	\$ 35,733	\$ 32,167	\$ 29,110	\$ 28,977	\$ 31,021	\$ 35,297	\$ 387,428	
Forecasted Retail MWH Sales	342,244	340,487	286,544	286,123	286,379	333,462	3,727,689	
Energy Service Cost - cents per kwh	10.44	9.45	10.16	10.13	10.83	10.58		

(1) The IPP costs represent the forecasted market value of IPP generation.

Amounts shown above may not add due to rounding.

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2016 ENERGY SERVICE RATE CALCULATION**

**PSNH Generation (GWh) and Expense (\$000)
IPPs Priced at Market Rate**

		Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Total	
8	Hydro	Energy	31.940	26.715	35.709	39.187	37.810	29.323	23.532	19.283	15.405	23.657	31.775	31.768	346.104
10	Coal	Energy	343.373	329.222	195.684	0.000	0.000	2.478	57.888	0.000	1.239	0.000	1.239	208.184	1,139.307
11		Energy Expense	\$ 16,958	16,365	9,556	0	0	169	2,878	0	85	0	85	10,276	56,372
13	Wood	Energy	28.473	26.636	22.044	0.000	20.857	27.554	28.473	28.473	27.554	28.473	27.554	28.473	294.564
14		Energy Expense	\$ 1,740	1,627	1,347	0	1,274	1,684	1,740	1,740	1,684	1,740	1,684	1,740	17,998
15		Revenue Credit	\$ (914)	(855)	(707)	0	(669)	(884)	(914)	(914)	(884)	(914)	(884)	(914)	(9,454)
17	Newington	Energy	52.136	43.512	0.000	0.000	0.000	4.560	15.580	0.000	0.000	0.000	0.000	0.000	115.788
18		Energy Expense	\$ 6,840	5,779	0	0	0	337	911	0	0	0	0	0	13,868
20	IPPs	Energy	27.031	21.577	26.670	25.298	27.469	26.195	21.915	19.516	15.729	19.399	20.191	22.188	273.178
21		Energy Expense	\$ 2,259	1,740	1,570	998	824	866	818	652	445	602	814	1,188	12,777
22		ICAP	\$ 95	95	95	94	94	60	60	60	60	83	83	83	964
24	Burgess BioPower	Energy	42.185	39.463	42.185	21.773	42.185	40.824	42.185	42.185	40.824	23.134	40.824	42.185	459.950
25		Expense	\$ 3,046	2,849	3,046	1,572	3,046	2,947	3,046	3,046	2,947	1,670	2,947	3,046	33,208
26		ICAP	\$ 249	249	249	249	249	249	249	249	249	249	249	249	2,994
28	Contract Purchases	Energy	7.697	6.009	6.168	6.205	4.841	3.919	2.952	2.663	3.675	5.257	6.463	6.037	61.885
29		Expense	\$ 579	436	327	326	254	206	155	140	193	276	339	317	3,548
30		ICAP	\$ 21	21	21	21	21	8	8	8	8	19	19	19	193
32	Energy Purchases	Energy	0.051	0.000	71.902	203.522	166.504	188.474	177.510	248.948	199.438	203.499	175.642	75.679	1,711.169
33		Expense	\$ 4	0	4,009	8,538	5,475	6,897	7,100	9,501	6,255	6,822	7,710	3,601	65,911
35	Energy Sales	Energy	(164.635)	(152.251)	(64.050)	0.000	0.000	0.000	(7.103)	0.000	0.000	0.000	0.000	(60.895)	(448.934)
36		(Credit)	\$ (15,417)	(12,981)	(3,959)	0	0	0	(252)	0	0	0	0	(3,545)	(36,155)
38	Congestion and Loss Adjustment		\$ 1,106	983	413	(11)	(3)	1	62	(33)	(34)	(29)	28	372	2,855
40	Total Energy GWH		368.251	340.883	336.311	295.985	299.667	323.327	362.931	361.068	303.864	303.418	303.690	353.619	3,953.012
41	Total Energy Expense		\$ 16,566	16,310	15,966	11,787	10,566	12,541	15,861	14,448	11,009	10,519	13,074	16,431	165,078
44	ISO-NE Ancillary		\$ 15	8	161	58	135	484	137	68	52	172	208	(30)	1,469
45	NH RPS		\$ 2,338	2,163	2,134	1,878	1,901	2,052	2,304	2,292	1,928	1,925	1,927	2,245	25,086
46	RGGI Costs		\$ 957	908	470	0	0	15	164	0	4	0	4	506	3,028
48	Capacity (sold)/bought MW-mo		(242)	(234)	(241)	(261)	(277)	(284)	(285)	(286)	(293)	(299)	(302)	(283)	(3,287)
49	Capacity (sold)/bought Cost (\$000)		\$ (801)	(776)	(799)	(862)	(913)	(861)	(861)	(863)	(893)	(914)	(922)	(864)	(10,330)

000012

Amounts shown above may not add due to rounding.

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2016 ENERGY SERVICE RATE CALCULATION**

1 Forecasted PSNH IPP Market Value - January - December 2016

2
3

4	IPP Energy at						
5 Month	IPP GWh	Mkt Value (\$000)	Capacity MW	ICAP Value \$/kw-mo	ICAP (\$000)	Total (\$000)	Total \$/MWh
6 January	27.031	2,259	28.7	3.31	95	2,354	87.09
7 February	21.577	1,740	28.7	3.31	95	1,835	85.04
8 March	26.670	1,570	28.7	3.31	95	1,665	62.45
9 April	25.298	998	28.6	3.30	94	1,092	43.17
10 May	27.469	824	28.6	3.29	94	919	33.45
11 June	26.195	866	19.8	3.04	60	926	35.36
12 July	21.915	818	19.8	3.03	60	878	40.07
13 August	19.516	652	19.8	3.02	60	711	36.44
14 September	15.729	445	19.8	3.05	60	506	32.14
15 October	19.399	602	27.3	3.05	83	686	35.34
16 November	20.191	814	27.3	3.05	83	897	44.44
17 December	22.188	1,188	27.3	3.05	83	1,271	57.28
18 Total	273.178	12,777			964	13,740	50.30

Amounts shown above may not add due to rounding.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2016 ENERGY SERVICE RATE CALCULATION
FOSSIL / HYDRO O&M, DEPRECIATION & TAXES DETAIL
(Dollars in 000s)

	January 2016 Estimate	February 2016 Estimate	March 2016 Estimate	April 2016 Estimate	May 2016 Estimate	June 2016 Estimate	July 2016 Estimate	August 2016 Estimate	September 2016 Estimate	October 2016 Estimate	November 2016 Estimate	December 2016 Estimate	Total
Fossil / Hydro O&M, Depr. & Taxes													
F/H Operation & Maintenance Cost	\$ 4,850	\$ 5,675	\$ 5,837	\$ 5,621	\$ 5,750	\$ 5,987	\$ 6,923	\$ 5,124	\$ 5,881	\$ 6,099	\$ 5,625	\$ 5,914	\$ 69,287
F/H Depreciation Cost	2,905	2,906	2,906	2,910	2,911	2,912	2,918	2,920	2,919	2,923	2,935	2,941	35,006
F/H Property Taxes	1,002	1,002	1,002	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	1,120	13,088
F/H Payroll and Other Taxes	198	261	198	272	198	198	198	134	198	251	177	177	2,460
Amort. of Asset Retirement Obligation	56	56	56	56	56	56	56	56	56	56	56	56	666
Total F/H O&M, Depr. and Taxes	\$ 9,011	\$ 9,899	\$ 9,999	\$ 9,979	\$ 10,035	\$ 10,272	\$ 11,215	\$ 9,354	\$ 10,174	\$ 10,449	\$ 9,912	\$ 10,208	\$ 120,507

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2016 ENERGY SERVICE RATE CALCULATION
FOSSIL/HYDRO RETURN ON RATE BASE
(Dollars in 000s)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27

	January 2016 Estimate	February 2016 Estimate	March 2016 Estimate	April 2016 Estimate	May 2016 Estimate	June 2016 Estimate	July 2016 Estimate	August 2016 Estimate	September 2016 Estimate	October 2016 Estimate	November 2016 Estimate	December 2016 Estimate	Total
Return on Rate Base													
Rate base													
Net Plant	642,387	640,111	638,740	636,843	635,003	634,513	632,603	630,305	629,969	632,644	632,659	631,306	
Working Capital Allow. (45 days of O&M)	8,874	8,874	8,874	8,874	8,874	8,874	8,874	8,874	8,874	8,874	8,874	8,874	8,874
Fossil Fuel Inventory	72,732	73,210	73,694	73,708	73,720	73,261	73,274	73,285	72,826	72,833	72,840	73,197	
Mat'ls and Supplies	55,216	55,216	55,216	55,216	55,216	55,216	55,216	55,216	55,216	55,216	55,216	55,216	
Prepayments	1,499	1,499	1,499	1,499	1,499	1,499	1,499	1,499	1,499	1,499	1,499	1,499	
Deferred Taxes	(147,878)	(147,987)	(147,916)	(147,201)	(146,935)	(154,773)	(155,339)	(154,400)	(154,703)	(154,986)	(154,966)	(154,195)	
Other Regulatory Obligations	(31,531)	(34,328)	(36,968)	(39,213)	(41,433)	(21,037)	(23,834)	(26,524)	(27,628)	(29,769)	(32,044)	(33,665)	
Total Rate Base (L15 thru L22)	601,299	596,595	593,139	589,726	585,943	597,554	592,293	588,256	586,053	586,311	584,078	582,231	
Average Rate Base (prev + curr month)	610,732	598,947	594,867	591,432	587,835	591,749	594,923	590,274	587,154	586,182	585,194	583,154	
x Return	0.9146%	0.9146%	0.9146%	0.9146%	0.9146%	0.9146%	0.9146%	0.9146%	0.9146%	0.9146%	0.9146%	0.9146%	
Return (L25 x L26)	\$ 5,586	\$ 5,478	\$ 5,441	\$ 5,409	\$ 5,376	\$ 5,412	\$ 5,441	\$ 5,399	\$ 5,370	\$ 5,361	\$ 5,352	\$ 5,334	\$ 64,961

Amounts shown above may not add due to rounding.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2015 ENERGY SERVICE RATE CALCULATION
(Dollars in 000's)

Summary of Forecasted Energy Service

Cost For January 2015 Through December 2015	TOTAL COST	Cents per KWH	Reference
Fossil energy costs	\$ 92,456	\$ 2.29	Attachment CJG-4, page 2
Insurance Proceeds	(104)	(0.00)	Attachment CJG-4, page 2
F/H O&M, depreciation & taxes	118,023	2.93	Attachment CJG-4, page 2
Return on rate base	39,831	0.99	Attachment CJG-4, page 2
ISO-NE ancillary	(1,388)	(0.03)	Attachment CJG-4, page 2
Capacity	(4,721)	(0.12)	Attachment CJG-4, page 2
NH RPS	2,433	0.06	Attachment CJG-4, page 2
Millstone NEIL Refunds	(194)	(0.00)	Attachment CJG-4, page 2
Vermont Yankee	(337)	(0.01)	Attachment CJG-4, page 2
RGGI costs	2,402	0.06	Attachment CJG-4, page 2
IPP costs (*)	13,566	0.34	Attachment CJG-4, page 2
Burgess BioPower	31,136	0.77	Attachment CJG-4, page 2
Purchases and sales	45,684	1.13	Attachment CJG-4, page 2
Return on ES Deferral	(36)	(0.00)	Attachment CJG-4, page 2
2014 Actual ES under recovery	<u>17,274</u>		
Total Updated Energy Service Cost	\$ 356,026		
Total Updated Revenue	<u>356,081</u>		
2015 ES (Over)/Under Recovery	(55)		

(*) The IPP costs represent the forecasted market value of IPP generation.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2015 ENERGY SERVICE RATE CALCULATION
(Dollars in 000's)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35

<u>Energy Service Cost</u>	January 2015 Actual	February 2015 Actual	March 2015 Actual	April 2015 Actual	May 2015 Actual	June 2015 Actual	Reference
Fossil energy costs	\$ 17,671	\$ 31,619	\$ 10,561	\$ 2,242	\$ 781	\$ 1,281	CJG-4, P3
Insurance Proceeds	-	-	-	-	-	-	
F/H O&M, depreciation & taxes	8,107	8,967	7,463	14,592	9,895	9,836	CJG-4, P5
Return on rate base	3,602	3,645	2,958	3,079	3,097	3,248	CJG-4, P6
ISO-NE ancillary	893	1,101	1,331	369	(4,263)	(998)	CJG-4, P3
Capacity	698	606	298	(206)	(481)	(360)	CJG-4, P3
NH RPS	2,000	2,000	(5,308)	(2,317)	(212)	723	CJG-4, P3
Millstone NEIL Refunds	-	-	(194)	-	-	-	
Vermont Yankee	(288)	3	(24)	(9)	4	(15)	
RGGI costs	11	1,057	282	8	2	11	CJG-4, P3
IPP costs (*)	1,912	3,230	1,191	893	806	410	CJG-4, P3
Burgess BioPower	1,641	2,104	1,787	3,195	3,437	2,039	CJG-4, P3
Purchases and sales (inc. Congestion and Loss Adj.)	3,297	(12,911)	6,386	6,728	5,698	5,616	CJG-4, P3
Return on ES Deferral	23	19	10	2	(2)	(12)	
2014 Actual ES under recovery	17,274						
Total Energy Service Cost	\$ 56,840	\$ 41,441	\$ 26,742	\$ 28,574	\$ 18,762	\$ 21,779	
Total Energy Service Revenue at 9.58 cents/kwh	\$ 45,211	\$ 41,076	\$ 38,661	\$ 26,309	\$ 25,864	\$ 27,206	
ES Under/(Over) Recovery	11,629	365	(11,919)	2,265	(7,102)	(5,427)	
Forecasted Retail MWH Sales	482,767	419,590	403,418	274,474	270,209	284,008	
Energy Service Cost - cents per kwh	11.77	9.88	6.63	10.41	6.94	7.67	

(*) The IPP costs represent the forecasted market value of IPP generation.

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2015 ENERGY SERVICE RATE CALCULATION
(Dollars in 000's)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35

<u>Energy Service Cost</u>	July 2015 Actual	August 2015 Actual	September 2015 Estimate	October 2015 Estimate	November 2015 Estimate	December 2015 Estimate	Total	Reference
Fossil energy costs	\$ 2,662	\$ 3,045	\$ 584	\$ 603	\$ 4,098	\$ 17,308	\$ 92,456	CJG-4, P3
Insurance Proceeds	(93)	(11)	-	-	-	-	\$ (104)	
F/H O&M, depreciation & taxes	8,863	8,934	11,936	13,134	8,264	8,031	118,023	CJG-4, P5
Return on rate base	3,258	3,276	3,337	3,413	3,459	3,459	39,831	CJG-4, P6
ISO-NE ancillary	56	(158)	71	131	56	24	(1,388)	CJG-4, P3
Capacity	(1,079)	(754)	(867)	(881)	(884)	(810)	(4,721)	CJG-4, P3
NH RPS	866	843	920	919	921	1,077	2,433	CJG-4, P3
Millstone NEIL Refunds	-	-	-	-	-	-	(194)	
Vermont Yankee	2	(10)	-	-	-	-	(337)	
RGGI costs	41	40	-	-	177	773	2,402	CJG-4, P3
IPP costs (*)	578	455	575	843	1,106	1,568	13,566	CJG-4, P3
Burgess BioPower	3,536	3,052	2,767	1,764	2,553	3,261	31,136	CJG-4, P3
Purchases and sales (inc. Congestion and Loss Adj.)	7,460	7,441	7,255	8,547	6,598	(6,432)	45,684	CJG-4, P3
Return on ES Deferral	(18)	(21)	(19)	(12)	(5)	(1)	(36)	
2014 Actual ES under recovery							17,274	
Total Energy Service Cost	\$ 26,132	\$ 26,131	\$ 26,560	\$ 28,463	\$ 26,343	\$ 28,259	\$ 356,026	
Total Energy Service Revenue at 8.00 cents/kwh	\$ 28,638	\$ 26,845	\$ 23,080	\$ 23,074	\$ 23,117	\$ 27,001	\$ 356,081	
ES Under/(Over) Recovery	(2,506)	(714)	3,480	5,389	3,227	1,258	\$ (55)	
Forecasted Retail MWH Sales	340,960	352,969	288,495	288,421	288,960	337,508	4,031,778	
Energy Service Cost - cents per kwh	7.66	7.40	9.21	9.87	9.12	8.37	8.83	

(*) The IPP costs represent the forecasted market value of IPP generation.

Amounts shown above may not add due to rounding.

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2015 ENERGY SERVICE RATE CALCULATION**

**PSNH Generation (GWh) and Expense (\$000)
IPP's Priced at Market Rate**

		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
8	Hydro:													
9	Energy	37.175	25.123	23.383	39.931	27.497	33.656	25.573	14.456	15.405	23.657	31.775	31.768	329.399
10	Coal:													
11	Energy	325.573	338.621	178.026	1.926	(0.141)	3.000	18.782	12.026	0.000	0.000	73.740	323.072	1,274.623
12	Energy Expense	\$ 16,257	16,253	8,329	1,431	567	692	1,804	1,634	0	0	3,514	15,311	65,793
13	Wood:													
14	Energy	29.451	20.791	26.759	8.664	31.516	30.501	30.948	24.479	27.554	28.473	27.554	28.473	315.164
15	Energy Expense	\$ 1,617	1,603	1,530	1,045	1,394	1,701	1,534	1,107	1,662	1,717	1,662	1,717	18,288
16	Revenue Credit	\$ (1,203)	(917)	(1,114)	(517)	(1,271)	(1,195)	(1,252)	(1,039)	(1,078)	(1,113)	(1,078)	(1,113)	(12,890)
17	IC/Jets													
18	Energy	0.023	0.361	(0.073)	(0.020)	0.206	(0.013)	0.044	0.176	0.000	0.000	0.000	0.000	0.705
19	Energy Expense	\$ 18	127	-	2	71	11	17	69	0	0	0	0	316
20	Newington:													
21	Energy	5.968	95.216	1.801	1.164	(0.962)	(0.884)	6.300	15.087	0.000	0.000	0.000	9.408	133.100
22	Energy Expense	\$ 982	14,553	1,817	281	20	72	559	1,273	0	0	0	1,393	20,950
23	IPP's:													
24	Energy	26.464	24.095	20.866	33.699	28.389	19.172	20.595	11.884	15.723	19.409	20.197	22.206	262.700
25	Energy Expense	\$ 1,816	3,134	1,102	807	719	336	503	381	504	750	1,012	1,475	12,538
26	ICAP	\$ 96	96	90	85	87	74	75	74	72	93	93	93	1,028
27	Burgess BioPower													
28	Energy	21.038	27.680	23.129	42.601	46.010	26.306	45.826	39.193	36.328	22.282	33.330	42.185	405.910
29	Expense	\$ 1,468	1,931	1,614	3,022	3,264	1,866	3,343	2,859	2,594	1,591	2,380	3,012	28,942
30	ICAP	\$ 173	173	173	173	173	173	193	193	173	173	173	249	2,194
31	Contract Purchases													
32	Energy	8.861	6.170	35.606	46.004	42.362	51.238	41.016	36.027	37.275	40.457	6.463	6.037	357.515
33	Expense	\$ 506	671	1,701	1,899	1,810	1,881	1,659	1,411	1,270	1,582	339	361	15,089
34	ICAP	\$ 26	26	25	25	25	25	25	11	9	21	21	21	260
35	Energy Purchases													
36	Energy	66.201	44.865	131.966	176.839	154.149	168.085	216.482	238.439	173.648	171.578	129.598	0	1,671.862
37	Expense	\$ 5,187	4,755	7,756	5,686	4,326	4,022	6,266	8,118	6,011	6,963	6,850	1	65,941
38	Energy Sales													
39	Energy	(40.497)	(146.247)	(50.884)	(34.584)	(14.639)	(16.008)	(17.220)	(38.705)	0.000	0.000	(16.234)	(105.252)	(480.269)
40	(Credit)	\$ (2,422)	(18,362)	(3,096)	(883)	(463)	(312)	(490)	(2,099)	0	0	(766)	(7,538)	(36,430)
41	Congestion and Loss Adjustment													
42		\$ -	-	-	-	-	-	-	-	(36)	(19)	154	724	823
43	Total Energy GWH	480.256	436.674	390.580	316.226	314.387	315.053	388.347	353.063	305.933	305.855	306.426	357.908	4,270.709
44	Total Energy Expense	\$ 24,521	24,043	19,925	13,057	10,722	9,346	14,236	13,993	11,181	11,758	14,355	15,705	182,842
45														
46														
47	ISO-NE Ancillary	\$ 893	1,101	1,331	369	(4,263)	(998)	56	(158)	71	131	56	24	(1,388)
48	NH RPS	\$ 2,000	2,000	(5,308)	(2,317)	(212)	723	866	843	920	919	921	1,077	2,433
49	RGGI Costs	\$ 11	1,057	282	8	2	11	41	40	0	0	177	773	2,402
50														
51	Capacity (sold)/bought MW-mo	181	160	61	(31)	(55)	(254)	(260)	(275)	(266)	(270)	(272)	(250)	(1,531)
52	Capacity (sold)/bought Cost (\$000)	\$ 698	606	298	(206)	(481)	(360)	(1,079)	(754)	(867)	(881)	(884)	(810)	(4,721)

Amounts shown above may not add due to rounding.

1 PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2 2015 ENERGY SERVICE RATE CALCULATION
3
4

5 **Forecasted PSNH IPP Market Value - September - December 2015**
6

7	IPP Energy at							
8	IPP	Mkt Value	Capacity	ICAP Value	ICAP	Total	Total	
9	Month	GWh	(\$000)	MW	\$/kw-mo	(\$000)	(\$000)	\$/MWh
10	September	15.723	504	22.0	3.26	72	575	36.59
11	October	19.409	750	28.7	3.26	93	843	43.46
12	November	20.197	1,012	28.7	3.25	93	1,106	54.74
13	December	22.206	1,475	28.7	3.24	93	1,568	70.59
14	Total	77.535	3,741			351	4,092	52.77

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
 2015 ENERGY SERVICE RATE CALCULATION
 FOSSIL / HYDRO O&M, DEPRECIATION & TAXES DETAIL
 (Dollars in 000's)

1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19

	January 2015 Actual	February 2015 Actual	March 2015 Actual	April 2015 Actual	May 2015 Actual	June 2015 Actual	July 2015 Actual	August 2015 Actual	September 2015 Estimate	October 2015 Estimate	November 2015 Estimate	December 2015 Estimate	Total
Fossil / Hydro O&M, Depr. & Taxes													
F/H Operation & Maintenance Cost	\$ 5,582	\$ 5,891	\$ 4,706	\$ 11,681	\$ 6,640	\$ 7,014	\$ 6,002	\$ 6,101	\$ 9,017	\$ 10,149	\$ 5,354	\$ 5,113	\$ 83,250
F/H Depreciation Cost	1,630	1,626	1,627	1,629	1,632	1,640	1,646	1,646	1,685	1,698	1,698	1,705	19,863
F/H Property Taxes	664	1,179	859	971	1,415	962	1,005	982	984	984	984	984	11,972
F/H Payroll and Other Taxes	182	223	224	262	158	171	160	154	198	251	176	176	2,335
Amort. of Asset Retirement Obligation	48	48	48	49	49	49	51	51	51	52	52	52	603
Total F/H O&M, Depr. and Taxes	\$ 8,107	\$ 8,967	\$ 7,463	\$ 14,592	\$ 9,895	\$ 9,836	\$ 8,863	\$ 8,934	\$ 11,936	\$ 13,134	\$ 8,264	\$ 8,031	\$ 118,023

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2015 ENERGY SERVICE RATE CALCULATION
FOSSIL/HYDRO RETURN ON RATE BASE
(Dollars in 000's)

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27

	January 2015 Actual	February 2015 Actual	March 2015 Actual	April 2015 Actual	May 2015 Actual	June 2015 Actual	July 2015 Actual	August 2015 Actual	September 2015 Estimate	October 2015 Estimate	November 2015 Estimate	December 2015 Estimate	Total
Return on Rate Base													
Rate base													
Net Plant	274,731	276,002	269,822	271,083	272,377	269,521	270,816	272,110	276,435	280,697	284,959	289,220	
Working Capital Allow. (45 days of O&M)	10,652	10,652	10,652	10,652	10,652	10,652	10,652	10,652	10,652	10,652	10,652	10,652	
Fossil Fuel Inventory	95,075	95,075	54,584	54,584	54,584	79,332	79,332	79,332	84,504	85,504	86,504	77,504	
Mat'ls and Supplies	55,216	55,216	57,528	57,528	57,528	54,017	54,017	54,017	56,636	56,636	56,636	56,636	
Prepayments	1,500	1,500	1,062	1,062	1,062	1,012	1,012	1,012	1,013	1,013	1,013	1,013	
Deferred Taxes	(27,087)	(17,825)	(41,883)	(41,199)	(40,517)	(47,646)	(46,963)	(46,280)	(45,597)	(44,914)	(44,231)	(43,547)	
Other Regulatory Obligations	(16,388)	(16,388)	(16,041)	(16,041)	(16,041)	(11,658)	(11,658)	(11,658)	(13,043)	(13,934)	(14,823)	(15,712)	
Total Rate Base (L16 thru L23)	393,699	404,232	335,724	337,669	339,645	355,230	357,208	359,186	370,600	375,654	380,710	375,766	
Average Rate Base (prev + curr month)	394,287	398,966	369,978	336,697	338,657	347,438	356,219	358,197	364,893	373,127	378,182	378,238	
x Return	0.9135%	0.9135%	0.9135%	0.9145%	0.9145%	0.9145%	0.9146%	0.9146%	0.9146%	0.9146%	0.9146%	0.9146%	
Return (L26 x L27)	\$ 3,602	\$ 3,645	\$ 2,958	\$ 3,079	\$ 3,097	\$ 3,248	\$ 3,258	\$ 3,276	\$ 3,337	\$ 3,413	\$ 3,459	\$ 3,459	\$ 39,831

Amounts shown above may not add due to rounding.