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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	\$ 56,241	1.56	Attachment CJG-2, page 2
F/H O&M, depreciation & taxes	102,356	2.84	Attachment CJG-2, page 2
Return on rate base	40,561	1.12	Attachment CJG-2, page 2
ISO-NE ancillary	991	0.03	Attachment CJG-2, page 2
Capacity	(11,328)	(0.31)	Attachment CJG-2, page 2
NH RPS	12,273	0.34	Attachment CJG-2, page 2
RGGI costs	2,229	0.06	Attachment CJG-2, page 2
IPP costs (*)	11,942	0.33	Attachment CJG-2, page 2
Burgess BioPower	36,202	1.00	Attachment CJG-2, page 2
Purchases and sales	49,624	1.38	Attachment CJG-2, page 2
Return on ES Deferral	(17)	(0.00)	Attachment CJG-2, page 2
<hr/>			
Total Forecasted Energy Service Cost	\$ 301,075	8.34	
2015 ES Over/Under Recovery	(2,588)	(0.07)	Attachment CJG-3, page 1
<hr/>			
Net Forecasted Energy Service Cost	\$ 298,487		
Forecasted Retail MWH Sales	3,608,191	<u>8.27</u>	
<hr/>			
Forecasted Energy Service Rate - cents Per KWH (line 29 / Line 31)	8.27		
Plus Scrubber ES Rate cents per kwh per DE 11-250	<u>1.72</u>		
<hr/>			
Total Energy Service Rate - cents per kwh	9.99		

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

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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	\$ 14,810	\$ 14,970	\$ 6,125	\$ -	\$ 605	\$ 1,318	CJG-2, P3
F/H O&M, depreciation & taxes	7,498	8,387	8,487	8,466	8,523	8,760	CJG-2, P5
Return on rate base	3,430	3,381	3,371	3,364	3,355	3,369	CJG-2, P6
ISO-NE ancillary	(57)	(63)	138	69	81	471	CJG-2, P3
Capacity	(930)	(901)	(902)	(927)	(948)	(920)	CJG-2, P3
NH RPS	1,129	1,042	1,030	934	939	1,002	CJG-2, P3
RGGI costs	584	707	274	-	-	16	CJG-2, P3
IPP costs (*)	1,589	1,412	1,362	930	842	925	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.)	(3,266)	(5,102)	3,392	7,375	4,954	6,366	CJG-2, P3
Return on ES Deferral	(4)	(2)	1	1	(0)	(1)	
Total Energy Service Cost	\$ 28,079	\$ 26,930	\$ 26,572	\$ 22,035	\$ 21,646	\$ 24,502	
Forecasted Retail MWH Sales	331,952	306,446	302,699	274,707	275,995	294,591	
Energy Service Cost - cents per kwh	8.46	8.79	8.78	8.02	7.84	8.32	

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

Amounts shown above may not add due to rounding.

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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	\$ 4,485	\$ 826	\$ 1,114	\$ 826	\$ 841	\$ 10,323	\$ 56,241	CJG-2, P3
F/H O&M, depreciation & taxes	9,702	7,841	8,661	8,936	8,400	8,696	102,356	CJG-2, P5
Return on rate base	3,378	3,362	3,363	3,382	3,397	3,408	40,561	CJG-2, P6
ISO-NE ancillary	115	49	28	118	128	(87)	991	CJG-2, P3
Capacity	(981)	(969)	(937)	(983)	(973)	(959)	(11,328)	CJG-2, P3
NH RPS	1,112	1,113	963	947	956	1,105	12,273	CJG-2, P3
RGGI costs	162	-	10	-	2	474	2,229	CJG-2, P3
IPP costs (*)	858	724	517	721	873	1,190	11,942	CJG-2, P4
Burgess BioPower	3,295	3,295	3,197	1,920	3,197	3,295	36,202	CJG-2, P3
Purchases and sales (inc. Congestion and Loss Adj.)	5,427	8,986	6,140	7,230	7,610	512	49,624	CJG-2, P3
Return on ES Deferral	(0)	(2)	(3)	(4)	(3)	(1)	(17)	
Total Energy Service Cost	\$ 27,553	\$ 25,227	\$ 23,053	\$ 23,094	\$ 24,427	\$ 27,957	\$ 301,075	
Forecasted Retail MWH Sales	326,947	327,243	283,119	278,389	281,123	324,981	3,608,191	
Energy Service Cost - cents per kwh	8.43	7.71	8.14	8.30	8.69	8.60		

(*) 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	227.771	304.960	117.516	0.000	0.000	2.478	58.693	0.000	1.239	0.000	0.620	202.614	915.890
11		Energy Expense	\$ 10,704	14,197	5,486	0	0	167	2,805	0	84	0	42	9,497	42,982
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	21.168	0.000	0.000	0.000	0.000	5.320	15.580	0.000	4.180	0.000	0.000	0.000	46.248
18		Energy Expense	\$ 3,280	0	0	0	0	351	853	0	231	0	0	0	4,715
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	\$ 1,494	1,317	1,267	836	748	865	799	665	457	637	790	1,107	10,983
22		ICAP	\$ 95	95	95	94	94	60	60	59	60	83	83	83	959
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	\$ 404	330	324	326	254	206	155	140	193	276	339	317	3,264
30		ICAP	\$ 21	21	21	21	21	8	8	8	8	19	18	18	192
32	Energy Purchases	Energy	63.240	0.056	108.027	199.779	160.449	177.835	169.598	236.011	192.584	196.239	171.640	75.392	1,750.852
33		Expense	\$ 2,745	3	4,854	7,055	4,690	6,150	5,921	8,865	5,966	6,957	7,227	3,337	63,769
35	Energy Sales	Energy	(96.365)	(99.410)	(36.298)	0.000	0.000	(0.053)	(15.112)	0.000	0.000	0.000	0.000	(62.932)	(310.171)
36		(Credit)	\$ (6,898)	(6,059)	(2,016)	0	0	(3)	(721)	0	0	0	0	(3,494)	(19,191)
38	Congestion and Loss Adjustment		\$ 462	602	210	(26)	(11)	5	64	(26)	(27)	(21)	25	333	1,590
40	Total Energy GWH		353.140	326.006	322.020	292.242	293.612	313.395	347.816	348.131	301.191	296.158	299.067	345.724	3,838.501
41	Total Energy Expense		\$ 16,428	14,379	14,174	10,127	9,696	11,806	14,065	13,831	10,967	10,697	12,520	15,320	154,010
44	ISO-NE Ancillary		\$ (57)	(63)	138	69	81	471	115	49	28	118	128	(87)	991
45	NH RPS		\$ 1,129	1,042	1,030	934	939	1,002	1,112	1,113	963	947	956	1,105	12,273
46	RGGI Costs		\$ 584	707	274	0	0	16	162	0	10	0	2	474	2,229
48	Capacity (sold)/bought MW-mo		(282)	(273)	(274)	(282)	(289)	(305)	(326)	(323)	(309)	(322)	(320)	(315)	(3,619)
49	Capacity (sold)/bought Cost (\$000)		\$ (930)	(901)	(902)	(927)	(948)	(920)	(981)	(969)	(937)	(983)	(973)	(959)	(11,328)

Amounts shown above may not add due to rounding.

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**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

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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	1,494	28.7	3.30	95	1,589	58.77
7 February	21.577	1,317	28.7	3.30	95	1,412	65.44
8 March	26.670	1,267	28.7	3.29	95	1,362	51.05
9 April	25.298	836	28.6	3.29	94	930	36.76
10 May	27.469	748	28.6	3.28	94	842	30.64
11 June	26.195	865	19.8	3.02	60	925	35.32
12 July	21.915	799	19.8	3.01	60	858	39.16
13 August	19.516	665	19.8	3.00	59	724	37.12
14 September	15.729	457	19.8	3.03	60	517	32.87
15 October	19.399	637	27.3	3.05	83	721	37.15
16 November	20.191	790	27.3	3.04	83	873	43.21
17 December	22.188	1,107	27.3	3.04	83	1,190	53.65
18 Total	273.178	10,983			959	11,942	43.72

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 O&M, DEPRECIATION & TAXES DETAIL
(Dollars in 000s)

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	January 2016	February 2016	March 2016	April 2016	May 2016	June 2016	July 2016	August 2016	September 2016	October 2016	November 2016	December 2016	Total
<u>Fossil / Hydro O&M, Depr. & Taxes</u>	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	
F/H Operation & Maintenance Cost	\$ 4,650	\$ 5,475	\$ 5,637	\$ 5,421	\$ 5,550	\$ 5,787	\$ 6,723	\$ 4,924	\$ 5,681	\$ 5,899	\$ 5,425	\$ 5,714	\$ 66,887
F/H Depreciation Cost	1,611	1,611	1,612	1,615	1,617	1,617	1,623	1,625	1,625	1,628	1,640	1,647	19,470
F/H Property Taxes	984	984	984	1,102	1,102	1,102	1,102	1,102	1,102	1,102	1,102	1,102	12,873
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	\$ 7,498	\$ 8,387	\$ 8,487	\$ 8,466	\$ 8,523	\$ 8,760	\$ 9,702	\$ 7,841	\$ 8,661	\$ 8,936	\$ 8,400	\$ 8,696	\$ 102,356

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)

	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	292,902	291,921	291,845	291,242	290,697	291,502	290,886	289,883	290,842	294,811	296,121	296,062	
Working Capital Allow. (45 days of O&M)	8,680	8,680	8,680	8,680	8,680	8,680	8,680	8,680	8,680	8,680	8,680	8,680	
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	(40,790)	(40,455)	(39,940)	(38,780)	(38,070)	(45,463)	(45,584)	(44,201)	(44,060)	(43,898)	(43,433)	(42,218)	
Other Regulatory Obligations	(20,074)	(21,585)	(23,083)	(24,484)	(25,891)	(14,528)	(16,108)	(17,689)	(16,880)	(18,294)	(19,719)	(19,052)	
Total Rate Base (L15 thru L22)	370,165	368,486	367,912	367,081	365,851	370,167	367,863	366,674	368,123	370,847	371,204	373,384	
Average Rate Base (prev + curr month)	374,722	369,325	368,199	367,496	366,466	368,009	369,015	367,268	367,398	369,485	371,025	372,294	
x Return	0.9155%	0.9155%	0.9155%	0.9155%	0.9155%	0.9155%	0.9155%	0.9155%	0.9155%	0.9155%	0.9155%	0.9155%	
Return (L25 x L26)	\$ 3,430	\$ 3,381	\$ 3,371	\$ 3,364	\$ 3,355	\$ 3,369	\$ 3,378	\$ 3,362	\$ 3,363	\$ 3,382	\$ 3,397	\$ 3,408	\$ 40,561

Amounts shown above may not add due to rounding.

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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	\$ 78,362	1.96	Attachment CJG-4, page 2
Insurance Proceeds	(110)	(0.00)	Attachment CJG-4, page 2
F/H O&M, depreciation & taxes	117,937	2.95	Attachment CJG-4, page 2
Return on rate base	39,848	1.00	Attachment CJG-4, page 2
ISO-NE ancillary	151	0.00	Attachment CJG-4, page 2
Capacity	(4,765)	(0.12)	Attachment CJG-4, page 2
NH RPS	2,252	0.06	Attachment CJG-4, page 2
Millstone NEIL Refunds	(194)	(0.00)	Attachment CJG-4, page 2
Vermont Yankee	(339)	(0.01)	Attachment CJG-4, page 2
RGGI costs	1,678	0.04	Attachment CJG-4, page 2
IPP costs (*)	12,276	0.31	Attachment CJG-4, page 2
Burgess BioPower	31,634	0.79	Attachment CJG-4, page 2
Purchases and sales	54,377	1.36	Attachment CJG-4, page 2
Return on ES Deferral	(35)	(0.00)	Attachment CJG-4, page 2
2014 Actual ES under recovery	<u>17,274</u>		
Total Updated Energy Service Cost	\$ 350,346		
Total Updated Revenue	<u>352,934</u>		
2015 ES (Over)/Under Recovery	(2,588)		

(*) 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)

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<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 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)

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<u>Energy Service Cost</u>	July 2015 Actual	August 2015 Actual	September 2015 Actual	October 2015 Actual	November 2015 Estimate	December 2015 Estimate	Total	Reference
Fossil energy costs	\$ 2,662	\$ 3,045	\$ 1,579	\$ 2,533	\$ 943	\$ 3,444	\$ 78,362	CJG-4, P3
Insurance Proceeds	(93)	(11)	-	(5)	-	-	\$ (110)	
F/H O&M, depreciation & taxes	8,863	8,934	11,417	11,994	9,050	8,818	117,937	CJG-4, P5
Return on rate base	3,258	3,276	3,361	3,376	3,452	3,496	39,848	CJG-4, P6
ISO-NE ancillary	56	(158)	906	504	251	161	151	CJG-4, P3
Capacity	(1,079)	(754)	(823)	(764)	(961)	(937)	(4,765)	CJG-4, P3
NH RPS	866	843	820	846	926	1,065	2,252	CJG-4, P3
Millstone NEIL Refunds	-	-	-	-	-	-	(194)	
Vermont Yankee	2	(10)	5	(7)	-	-	(339)	
RGGI costs	41	40	40	31	13	142	1,678	CJG-4, P3
IPP costs (*)	578	455	539	796	667	799	12,276	CJG-4, P3
Burgess BioPower	3,536	3,052	3,204	1,968	2,411	3,261	31,634	CJG-4, P3
Purchases and sales (inc. Congestion and Loss Adj.)	7,460	7,441	6,239	7,021	5,976	5,424	54,377	CJG-4, P3
Return on ES Deferral	(18)	(21)	(19)	(10)	(3)	(4)	(35)	
2014 Actual ES under recovery	-	-	-	-	-	-	17,274	
Total Energy Service Cost	\$ 26,132	\$ 26,131	\$ 27,267	\$ 28,283	\$ 22,724	\$ 25,669	\$ 350,346	
Total Energy Service Revenue at 8.00 cents/kwh	\$ 28,638	\$ 26,845	\$ 23,617	\$ 20,658	\$ 22,719	\$ 26,130	\$ 352,934	
ES Under/(Over) Recovery	(2,506)	(714)	3,651	7,625	5	(460)	\$ (2,588)	
Forecasted Retail MWH Sales	340,960	352,969	295,183	258,518	283,991	326,619	3,992,707	
Energy Service Cost - cents per kwh	7.66	7.40	9.24	10.94	8.00	7.86	8.77	

(*) 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	6.369	21.319	31.775	31.768	318.025
10	Coal:													
11	Energy	325.573	338.621	178.026	1.926	(0.141)	3.000	18.782	12.026	24.567	17.331	7.945	60.837	988.492
12	Energy Expense	\$ 16,257	16,253	8,329	1,431	567	692	1,804	1,634	1,132	1,945	476	2,862	53,383
13	Wood:													
14	Energy	29.451	20.791	26.759	8.664	31.516	30.501	30.948	24.479	25.616	31.040	22.840	28.473	311.078
15	Energy Expense	\$ 1,617	1,603	1,530	1,045	1,394	1,701	1,534	1,107	1,380	1,610	1,377	1,717	17,615
16	Revenue Credit	\$ (1,203)	(917)	(1,114)	(517)	(1,271)	(1,195)	(1,252)	(1,039)	(1,076)	(1,256)	(910)	(1,135)	(12,886)
17	IC/Jets													
18	Energy	0.023	0.361	(0.073)	(0.020)	0.206	(0.013)	0.044	0.176	0.244	0.037	0.000	0.000	0.986
19	Energy Expense	\$ 18	127	-	2	71	11	17	69	86	98	-	-	500
20	Newington:													
21	Energy	5.968	95.216	1.801	2.417	(0.962)	(0.884)	6.300	15.087	(0.350)	(0.973)	0.000	0.000	123.622
22	Energy Expense	\$ 982	14,553	1,817	281	20	72	559	1,273	58	135	-	-	19,750
23	IPP's:													
24	Energy	26.464	24.095	20.866	33.699	28.389	19.172	20.595	11.884	14.406	20.274	20.197	22.206	262.248
25	Energy Expense	\$ 1,816	3,134	1,102	807	719	336	503	381	466	699	574	706	11,243
26	ICAP	\$ 96	96	90	85	87	74	75	74	73	97	93	93	1,033
27	Burgess BioPower													
28	Energy	21.038	27.680	23.129	42.601	46.010	26.306	45.826	39.193	41.276	24.082	31.338	42.185	410.665
29	Expense	\$ 1,468	1,931	1,614	3,022	3,264	1,866	3,343	2,859	3,011	1,756	2,238	3,012	29,382
30	ICAP	\$ 173	173	173	173	173	173	193	193	193	213	173	249	2,253
31	Contract Purchases													
32	Energy	8.861	6.170	35.606	46.004	42.362	51.238	41.016	36.027	57.452	41.219	6.463	6.037	378.455
33	Expense	\$ 506	671	1,701	1,899	1,810	1,881	1,659	1,411	2,000	1,680	339	317	15,874
34	ICAP	\$ 26	26	25	25	25	25	25	11	11	11	21	21	253
35	Energy Purchases													
36	Energy	66.201	44.865	131.966	176.839	154.149	168.085	216.482	238.439	180.948	159.942	180.709	165.921	1,884.546
37	Expense	\$ 5,187	4,755	7,756	5,686	4,326	4,022	6,266	8,118	6,092	6,276	5,639	5,413	69,537
38	Energy Sales													
39	Energy	(40.497)	(146.247)	(50.884)	(34.584)	(14.639)	(16.008)	(17.220)	(38.705)	(42.300)	(30.991)	(0.111)	(11.065)	(443.251)
40	(Credit)	\$ (2,422)	(18,362)	(3,096)	(883)	(463)	(312)	(490)	(2,099)	(1,865)	(947)	(4)	(364)	(31,306)
41	Congestion and Loss Adjustment													
42		\$ -	-	-	-	-	-	-	-	-	-	(19)	38	19
43	Total Energy GWH	480.256	436.674	390.580	317.479	314.387	315.053	388.347	353.063	308.227	283.281	301.157	346.362	4,234.867
44	Total Energy Expense	\$ 24,521	24,043	19,925	13,057	10,722	9,346	14,236	13,993	11,561	12,319	9,997	12,929	176,648
45														
46														
47	ISO-NE Ancillary	\$ 893	1,101	1,331	369	(4,263)	(998)	56	(158)	906	504	251	161	151
48	NH RPS	\$ 2,000	2,000	(5,308)	(2,317)	(212)	723	866	843	820	846	926	1,065	2,252
49	RGGI Costs	\$ 11	1,057	282	8	2	11	41	40	40	31	13	142	1,678
50														
51	Capacity (sold)/bought MW-mo	181	160	61	(31)	(55)	(254)	(260)	(275)	(280)	(288)	(297)	(290)	(1,628)
52	Capacity (sold)/bought Cost (\$000)	\$ 698	606	298	(206)	(481)	(360)	(1,079)	(754)	(823)	(764)	(961)	(937)	(4,765)

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 - November - 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
12	November	20.197	574	28.7	3.24	93	667	33.03
13	December	22.206	706	28.7	3.23	93	799	35.98
14	Total	42.403	1,280			186	1,466	34.57

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)

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	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 Actual	October 2015 Actual	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	\$ 8,632	\$ 8,961	\$ 6,140	\$ 5,900	\$ 83,250
F/H Depreciation Cost	1,630	1,626	1,627	1,629	1,632	1,640	1,646	1,646	1,669	1,677	1,698	1,705	19,825
F/H Property Taxes	664	1,179	859	971	1,415	962	1,005	982	979	1,029	984	984	12,012
F/H Payroll and Other Taxes	182	223	224	262	158	171	160	154	86	275	176	176	2,247
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	\$ 11,417	\$ 11,994	\$ 9,050	\$ 8,818	\$ 117,937

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)

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	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 Actual	October 2015 Actual	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	268,509	269,799	284,959	289,220	
Working Capital Allow. (45 days of O&M)	10,663	10,663	10,663	10,663	10,663	10,663	10,663	10,663	10,663	10,663	10,663	10,663	
Fossil Fuel Inventory	95,075	95,075	54,584	54,584	54,584	79,332	79,332	79,332	89,899	89,899	86,504	77,504	
Mat'ls and Supplies	55,216	55,216	57,528	57,528	57,528	54,017	54,017	54,017	53,463	53,463	56,636	56,636	
Prepayments	1,500	1,500	1,062	1,062	1,062	1,012	1,012	1,012	523	523	1,013	1,013	
Deferred Taxes	(27,087)	(17,825)	(41,883)	(41,199)	(40,517)	(47,646)	(46,963)	(46,280)	(41,798)	(41,115)	(40,432)	(39,748)	
Other Regulatory Obligations	(16,388)	(16,388)	(16,041)	(16,041)	(16,041)	(11,658)	(11,658)	(11,658)	(13,469)	(13,469)	(14,892)	(16,009)	
Total Rate Base (L16 thru L23)	393,710	404,243	335,735	337,680	339,657	355,241	357,219	359,197	367,789	369,762	384,451	379,279	
Average Rate Base (prev + curr month)	394,293	398,977	369,989	336,708	338,668	347,449	356,230	358,208	363,493	368,776	377,107	381,865	
x Return	0.9135%	0.9135%	0.9135%	0.9145%	0.9145%	0.9145%	0.9146%	0.9146%	0.9146%	0.9155%	0.9155%	0.9155%	
Return (L26 x L27)	\$ 3,602	\$ 3,645	\$ 2,958	\$ 3,079	\$ 3,097	\$ 3,248	\$ 3,258	\$ 3,276	\$ 3,361	\$ 3,376	\$ 3,452	\$ 3,496	\$ 39,848

Amounts shown above may not add due to rounding.