

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2015 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

Summary of Forecasted Energy Service Cost For January 2015 Through December 2015	TOTAL COST	Cents per KWH	Reference
Fossil energy costs	\$ 124,783	\$ 3.24	Attachment CJG-2, page 2
F/H O&M, depreciation & taxes	122,989	3.20	Attachment CJG-2, page 2
Return on rate base	40,395	1.05	Attachment CJG-2, page 2
ISO-NE ancillary	3,845	0.10	Attachment CJG-2, page 2
Capacity	(6,495)	(0.17)	Attachment CJG-2, page 2
NH RPS	21,535	0.56	Attachment CJG-2, page 2
RGGI costs	4,991	0.13	Attachment CJG-2, page 2
IPP costs (1)	23,146	0.60	Attachment CJG-2, page 2
Berlin Station	34,414	0.89	Attachment CJG-2, page 2
Purchases and sales	(14,877)	(0.39)	Attachment CJG-2, page 2
Return on ES Deferral	86	0.00	Attachment CJG-2, page 2
Total Forecasted Energy Service Cost	\$ 354,812	\$ 9.23	
2014 ES Over/Under Recovery	13,435	0.35	Attachment CJG-3, page 1
Net Forecasted Energy Service Cost	\$ 368,247		
Forecasted Retail MWH Sales	3,845,823	9.58	
Forecasted Energy Service Rate - cents Per KWH (line 28 / Line 30)	9.58		
Plus Scrubber ES Rate cents per kwh per DE 11-250	0.98		
Total Energy Service Rate - cents per kwh	10.56		

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

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2015 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)**

	January 2015 Estimate	February 2015 Estimate	March 2015 Estimate	April 2015 Estimate	May 2015 Estimate	June 2015 Estimate	Reference
Energy Service Cost							
Fossil energy costs	\$ 27,905	\$ 26,046	\$ 17,040	\$ 2,111	\$ 518	\$ 8,156	CJG-2, P3
F/H O&M, depreciation & taxes	9,917	9,823	9,780	10,079	9,981	10,580	CJG-2, P5
Return on rate base	3,318	3,252	3,238	3,272	3,353	3,403	CJG-2, P6
ISO-NE ancillary / Other	389	409	380	385	203	364	CJG-2, P3
Capacity	243	180	(42)	(314)	(454)	(834)	CJG-2, P3
NH RPS	2,273	1,980	1,911	1,576	1,549	1,716	CJG-2, P3
RGGI costs	988	901	821	95	-	337	CJG-2, P3
IPP costs (1)	4,915	3,976	3,235	1,517	1,224	1,341	CJG-2, P4
Berlin Station	2,982	2,863	3,151	1,758	3,151	3,055	CJG-2, P3
Purchases and sales (inc. Congestion and Loss Adj.)	(19,047)	(18,379)	(9,058)	7,613	5,684	1,773	CJG-2, P3
Return on ES Deferral	18	11	7	7	6	6	
Total Energy Service Cost	\$ 33,899	\$ 31,062	\$ 30,463	\$ 28,099	\$ 25,215	\$ 29,898	
Forecasted Retail MWH Sales	405,558	353,577	341,267	281,658	276,810	306,579	
Energy Service Cost - cents per kwh	8.36	8.79	8.93	9.98	9.11	9.75	

(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
2015 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

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	July 2015 Estimate	August 2015 Estimate	September 2015 Estimate	October 2015 Estimate	November 2015 Estimate	December 2015 Estimate	Total	Reference
Energy Service Cost								
Fossil energy costs	\$ 11,128	\$ 2,142	\$ 944	\$ 518	\$ 9,842	\$ 18,434	\$ 124,783	CJG-2, P3
F/H O&M, depreciation & taxes	11,108	10,724	10,850	10,057	9,964	10,127	122,989	CJG-2, P5
Return on rate base	3,408	3,408	3,414	3,434	3,445	3,449	40,395	CJG-2, P6
ISO-NE ancillary / Other	498	422	275	148	273	100	3,845	CJG-2, P3
Capacity	(678)	(831)	(1,003)	(1,171)	(940)	(650)	(6,495)	CJG-2, P3
NH RPS	2,020	1,925	1,544	1,471	1,590	1,979	21,535	CJG-2, P3
RGGI costs	448	38	14	-	463	886	4,991	CJG-2, P3
IPP costs (1)	1,001	795	720	907	1,222	2,293	23,146	CJG-2, P4
Berlin Station	3,151	3,151	3,055	1,811	3,055	3,228	34,414	CJG-2, P3
Purchases and sales (inc. Congestion and Loss Adj.)	2,602	10,315	6,796	7,494	(648)	(10,021)	(14,877)	CJG-2, P3
Return on ES Deferral	6	6	5	5	6	3	86	
Total Energy Service Cost	\$ 34,692	\$ 32,096	\$ 26,614	\$ 24,676	\$ 28,271	\$ 29,827	\$ 354,812	
Forecasted Retail MWH Sales	360,605	343,665	275,987	263,036	283,928	353,155	3,845,823	
Energy Service Cost - cents per kwh	9.62	9.34	9.64	9.38	9.96	8.45	9.23	

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

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**PUBLIC SERVICE RATE COMPANY OF NEW HAMPSHIRE
2015 ENERGY SERVICE RATE CALCULATION**

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

PUBLIC SERVICE RATE COMPANY OF NEW HAMPSHIRE 2015 ENERGY SERVICE RATE CALCULATION															
PSNH Generation (GWh) and Expense (\$000) IPPs 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	Energy	31.683	26.770	36.203	39.403	38.159	29.383	22.991	19.419	16.129	23.846	31.570	31.253	346.811
10	Coal	Energy	370.839	334.952	342.660	42	-	133.119	167.428	-	1.239	-	200.540	370.523	1,963.029
11		Energy Expense	\$ 17,916	16,182	16,582	1,933	-	6,354	7,908	-	90	-	9,341	17,916	94,223
13	Wood	Energy	28.473	25.717	25.220	9.835	28.473	27.554	28.473	28.473	27.554	28.473	27.554	28.473	314.273
14		Energy Expense	\$ 1,694	1,530	1,501	585	1,694	1,639	1,694	1,694	1,639	1,694	1,639	1,694	18,699
15		Revenue Credit	\$ (1,177)	(1,063)	(1,042)	(406)	(1,177)	(1,139)	(1,177)	(1,177)	(1,139)	(1,177)	(1,139)	(1,177)	(12,987)
17	Newington	Energy	55.010	54.405	-	-	-	16.926	42.315	28	6.650	-	-	-	203.112
18		Energy Expense	\$ 9,471	9,396	-	-	-	1,301	2,702	1,625	353	-	-	-	24,848
20	IPPs	Energy	33.637	27.741	35.056	31.210	32.757	27.192	19.121	16.964	18.065	21.151	21.795	22.618	307.306
21		Energy Expense	\$ 4,821	3,882	3,141	1,423	1,131	1,266	926	720	644	809	1,123	2,195	22,081
22		ICAP	\$ 94	94	94	94	94	75	75	75	75	99	99	99	1,065
24	Burgess BioPower	Energy	39.780	38.102	42.185	22.453	42.185	40.824	42.185	42.185	40.824	23.202	40.824	42.185	456.934
25		Expense	\$ 2,808	2,690	2,978	1,585	2,978	2,882	2,978	2,978	2,882	1,638	2,882	2,978	32,260
26		ICAP	\$ 173	173	173	173	173	173	173	173	173	173	173	249	2,154
28	Contract Purchases	Energy	7.222	5.881	5.602	6.291	36.254	3.677	2.862	2.800	3.660	5.325	6.124	6.701	92.400
29		Expense	\$ 932	741	452	330	1,570	193	150	147	192	280	322	585	5,893
30		ICAP	\$ 20	20	20	20	20	10	10	10	10	22	22	22	203
32	Energy Purchases	Energy	1.227	0.045	-	157.923	115.715	83.825	91.793	226.790	178.548	176.938	30.635	-	1,063.438
33		Expense	\$ 209	10	-	7,701	4,159	3,742	4,321	10,238	6,675	7,270	1,643	-	45,968
35	Energy Sales	Energy	(137.799)	(138.665)	(125.031)	(10)	-	(37.390)	(34.766)	-	-	-	(57.953)	(127.252)	(669.017)
36		(Credit)	\$ (22,135)	(20,859)	(10,479)	(430)	-	(2,311)	(2,057)	-	-	-	(2,897)	(11,707)	(72,875)
38	Congestion and Loss Adjustment		\$ 1,927	1,709	950	(9)	(64)	140	178	(80)	(81)	(77)	263	1,079	5,933
40	Total Energy GWH		430.072	374.949	361.895	298.683	293.542	325.110	382.402	364.438	292.669	278.935	301.090	374.501	4,078.285
41	Total Energy Expense		\$ 16,755	14,506	14,369	12,999	10,577	14,326	17,882	16,403	11,514	10,730	13,471	13,933	167,466
44	ISO-NE Ancillary / Other		\$ 389	409	380	385	203	364	498	422	275	148	273	100	3,845
45	NH RPS		\$ 2,273	1,980	1,911	1,576	1,549	1,716	2,020	1,925	1,544	1,471	1,590	1,979	21,535
46	RGGI Costs		\$ 988	901	821	95	-	337	448	38	14	-	463	886	4,991
48	Capacity (sold)/bought MW-mo		76	56	(13)	(98)	(142)	(243)	(198)	(242)	(292)	(341)	(274)	(189)	(1,901)
49	Capacity (sold)/bought Cost (\$000)		\$ 243	180	(42)	(314)	(454)	(834)	(678)	(831)	(1,003)	(1,171)	(940)	(650)	(6,495)

600000 Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2015 ENERGY SERVICE RATE CALCULATION

1 **Forecasted PSNH IPP Market Value - January - December 2015**

	IPP Energy at						
	IPP	Mkt Value	Capacity	ICAP Value	ICAP	Total	Total
Month	GWh	(\$000)	MW	\$/kw-mo	(\$000)	(\$000)	\$/MWh
January	33.637	4,821	29.4	3.20	94	4,915	146.13
February	27.741	3,882	29.2	3.20	94	3,976	143.33
March	35.056	3,141	29.2	3.20	94	3,235	92.28
April	31.210	1,423	29.2	3.20	94	1,517	48.60
May	32.757	1,131	29.2	3.20	94	1,224	37.37
June	27.192	1,266	22.0	3.43	75	1,341	49.33
July	19.121	926	22.0	3.43	75	1,001	52.35
August	16.964	720	22.0	3.43	75	795	46.85
September	18.065	644	22.0	3.43	75	720	39.83
October	21.151	809	28.7	3.43	99	907	42.89
November	21.795	1,123	28.7	3.43	99	1,222	56.05
December	22.618	2,195	28.7	3.43	99	2,293	101.39
Total	307.306	22,081			1,065	23,146	75.32

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2015 ENERGY SERVICE RATE CALCULATION
Fossil / Hydro O&M, Depreciation & Taxes Detail
(Dollars in 000s)

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	January 2015 Estimate	February 2015 Estimate	March 2015 Estimate	April 2015 Estimate	May 2015 Estimate	June 2015 Estimate	July 2015 Estimate	August 2015 Estimate	September 2015 Estimate	October 2015 Estimate	November 2015 Estimate	December 2015 Estimate	Total
Fossil / Hydro O&M, Depr. & Taxes													
F/H Operation & Maintenance Cost	\$ 7,214	\$ 7,119	\$ 7,076	\$ 7,235	\$ 7,116	\$ 7,688	\$ 8,215	\$ 7,825	\$ 7,946	\$ 7,148	\$ 7,039	\$ 7,201	\$ 88,821
F/H Depreciation Cost	1,534	1,535	1,536	1,533	1,555	1,582	1,582	1,588	1,593	1,597	1,612	1,614	18,862
F/H Property Taxes	914	914	914	1,055	1,055	1,055	1,055	1,055	1,055	1,055	1,055	1,055	12,238
F/H Payroll and Other Taxes	205	205	205	205	205	205	205	205	205	205	205	205	2,460
Amort. of Asset Retirement Obligation	49	49	49	50	50	50	51	51	51	52	52	52	609
Total F/H O&M, Depr. and Taxes	\$ 9,917	\$ 9,823	\$ 9,780	\$ 10,079	\$ 9,981	\$ 10,580	\$ 11,108	\$ 10,724	\$ 10,850	\$ 10,057	\$ 9,964	\$ 10,127	\$ 122,989

Amounts shown above may not add due to rounding.

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

	January 2015 Estimate	February 2015 Estimate	March 2015 Estimate	April 2015 Estimate	May 2015 Estimate	June 2015 Estimate	July 2015 Estimate	August 2015 Estimate	September 2015 Estimate	October 2015 Estimate	November 2015 Estimate	December 2015 Estimate	Total
Return on Rate Base													
Rate base													
Net Plant	282,349	281,681	281,415	291,292	301,033	300,321	301,486	302,918	304,296	309,394	309,356	312,368	
Working Capital Allow. (45 days of O&M)	11,296	11,296	11,296	11,296	11,296	11,296	11,296	11,296	11,296	11,296	11,296	11,296	
Fossil Fuel Inventory	48,239	48,178	48,121	48,068	48,025	47,986	47,938	47,896	47,860	47,830	47,808	47,790	
Mat'ls and Supplies	53,978	53,978	53,978	53,978	53,978	53,978	53,978	53,978	53,978	53,978	53,978	53,978	
Prepayments	2,469	2,469	2,469	2,469	2,469	2,469	2,469	2,469	2,469	2,469	2,469	2,469	
Deferred Taxes	(35,494)	(35,958)	(35,390)	(35,823)	(35,373)	(36,389)	(36,726)	(36,238)	(36,033)	(36,017)	(36,702)	(35,714)	
Other Regulatory Obligations	(9,373)	(10,470)	(11,569)	(12,586)	(13,633)	(10,256)	(11,519)	(12,753)	(13,824)	(14,881)	(15,937)	(17,139)	
Total Rate Base (L15 thru L22)	353,463	351,174	350,319	358,693	367,795	369,405	368,922	369,566	370,041	374,069	372,267	375,047	
Average Rate Base (prev + curr month)	359,482	352,319	350,747	354,506	363,244	368,600	369,164	369,244	369,803	372,055	373,168	373,657	
x Return	0.9231%	0.9231%	0.9231%	0.9231%	0.9231%	0.9231%	0.9231%	0.9231%	0.9231%	0.9231%	0.9231%	0.9231%	
Return (L25 x L26)	\$ 3,318	\$ 3,252	\$ 3,238	\$ 3,272	\$ 3,353	\$ 3,403	\$ 3,408	\$ 3,408	\$ 3,414	\$ 3,434	\$ 3,445	\$ 3,449	\$ 40,395

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2014 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

Summary of Forecasted Energy Service			
Cost For January 2014 Through December 2014	TOTAL COST	Cents per KWH	Reference
Fossil energy costs	\$ 108,767	\$ 2.86	Attachment CJC-4, page 2
Insurance Proceeds	(904)	(0.02)	Attachment CJC-4, page 2
Fossil RPC adjustment (*)	(31)	(0.00)	Attachment CJC-4, page 2
F/H O&M, depreciation & taxes	110,415	2.90	Attachment CJC-4, page 2
Return on rate base	39,940	1.05	Attachment CJC-4, page 2
ISO-NE ancillary	1,155	0.03	Attachment CJC-4, page 2
Capacity	(1,066)	(0.03)	Attachment CJC-4, page 2
NH RPS	11,909	0.31	Attachment CJC-4, page 2
Seabrook costs / (credits)	(126)	(0.00)	Attachment CJC-4, page 2
Vermont Yankee	(39)	(0.00)	Attachment CJC-4, page 2
RGGI costs	3,939	0.10	Attachment CJC-4, page 2
RGGI Auction Refunds	(2,303)	(0.06)	Attachment CJC-4, page 2
IPP costs (**)	23,084	0.61	Attachment CJC-4, page 2
Wood IPPs (**)	1,617	0.04	Attachment CJC-4, page 2
Berlin Station	19,226	0.51	Attachment CJC-4, page 2
Purchases and sales	10,658	0.28	Attachment CJC-4, page 2
Return on ES Deferral	225	0.01	Attachment CJC-4, page 2
2013 Actual ES under-recovery	13,332	0.35	Attachment CJC-4, page 2
Total Updated Energy Service Cost	\$ 339,798		
Total Updated Revenue	326,363		
2014 ES (Over)/Under Recovery	\$ 13,435		

(*) Per Docket 13-108, write-off of Replacement Power Costs.
(**) The IPP costs represent the forecasted market value of IPP generation.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2014 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

	January 2014 Actual	February 2014 Actual	March 2014 Actual	April 2014 Actual	May 2014 Actual	June 2014 Actual	Reference
10 Energy Service Cost							
12 Fossil energy costs	\$ 30,482	\$ 16,753	\$ 22,830	\$ 4,498	\$ 1,269	\$ (448)	CJG-4, P3
13 Insurance Proceeds	-	-	-	(859)	(45)	-	
14 Fossil RPC adjustment (*)	-	-	-	-	-	(31)	
15 F/H O&M, depreciation & taxes	8,507	7,930	9,089	12,666	10,621	8,997	CJG-4, P5
16 Return on rate base	3,515	3,560	2,655	3,137	3,190	3,270	CJG-4, P6
17 ISO-NE ancillary / Other	953	233	(1,129)	(1,085)	97	205	CJG-4, P3
18 Capacity	704	(386)	34	(54)	(127)	(206)	CJG-4, P3
19 NH RPS	989	989	962	980	1,210	1,756	CJG-4, P3
20 Seabrook costs / (credits)	-	-	(126)	-	-	-	
21 Vermont Yankee	1	(0)	(29)	6	-	-	
22 RGGI costs	233	228	231	852	208	208	CJG-4, P3
23 RGGI Auction Refunds	-	(2,303)	-	-	-	-	
24 IPP costs (**)	4,030	3,912	2,981	1,214	1,321	1,091	CJG-4, P3
25 Wood IPPs (**)	854	759	-	4	-	-	CJG-4, P3
26 Berlin Station	923	337	1,151	1,323	843	1,513	CJG-4, P3
27 Purchases and sales (inc. Congestion and Loss Adj.)	(29,083)	(769)	(13,400)	7,489	7,082	9,360	CJG-4, P3
28 Return on ES Deferral	14	8	8	11	20	26	
29 2013 Actual ES under-recovery	13,332	-	-	-	-	-	
31 Total Energy Service Cost	\$ 35,454	\$ 31,251	\$ 25,259	\$ 30,182	\$ 25,688	\$ 25,742	
33 Total Energy Service Revenue at 8.25 ¢/kwh	\$ 31,747	\$ 28,345	\$ 29,050	\$ 22,615	\$ 21,269	\$ 23,186	
35 ES Under/(Over) Recovery	3,707	2,907	(3,791)	7,567	4,419	2,556	
37 Forecasted Retail MWH Sales	393,552	330,563	352,722	274,927	257,656	281,250	
39 Energy Service Cost - cents per kwh	9.01	9.45	7.16	10.98	9.97	9.15	
41 (*) Per Docket 13-108, write-off of Replacement Power Costs.							
42 (**) The IPP costs represent the forecasted market value of IPP generation.							

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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2014 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

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Energy Service Cost

	July 2014 Actual	August 2014 Actual	September 2014 Actual	October 2014 Actual	November 2014 Estimate	December 2014 Estimate	Total	Reference
12 Fossil energy costs	\$ 5,572	\$ 1,175	\$ 1,476	\$ 1,417	\$ 5,643	\$ 18,099	\$ 108,767	CJG-4, P3
13 Insurance Proceeds	-	-	-	-	-	-	(904)	
14 Fossil RPC adjustment (*)	-	-	-	-	-	-	(31)	
15 F/H O&M, depreciation & taxes	8,305	8,399	8,931	9,778	7,756	9,434	110,415	CJG-4, P5
16 Return on rate base	3,340	3,358	3,419	3,531	3,525	3,441	39,940	CJG-4, P6
17 ISO-NE ancillary / Other	518	184	128	200	347	504	1,155	CJG-4, P3
18 Capacity	(323)	(259)	(269)	(205)	(166)	191	(1,066)	CJG-4, P3
19 NH RPS	1,026	1,026	1,026	1,026	404	514	11,909	CJG-4, P3
20 Seabrook costs / (credits)	-	-	-	-	-	-	(126)	
21 Vermont Yankee	(1)	(2)	(5)	(9)	-	-	(39)	
22 RGGI costs	213	208	209	208	254	887	3,939	CJG-4, P3
23 RGGI Auction Refunds	-	-	-	-	-	-	(2,303)	
24 IPP costs (**)	908	864	834	788	1,628	3,514	23,084	CJG-4, P3
25 Wood IPPs (**)	-	-	-	-	-	-	1,617	CJG-4, P3
26 Berlin Station	2,100	1,686	1,705	3,216	2,453	1,976	19,226	CJG-4, P3
27 Purchases and sales (inc. Congestion and Loss Adj.)	8,126	7,749	7,656	6,422	4,744	(4,719)	10,658	CJG-4, P3
28 Return on ES Deferral	27	23	20	22	24	22	225	
29 2013 Actual ES under recovery	-	-	-	-	-	-	13,332	
31 Total Energy Service Cost	\$ 29,810	\$ 24,412	\$ 25,131	\$ 26,394	\$ 26,612	\$ 33,863	\$ 339,798	
33 Total Energy Service Revenue at 8.89 ¢/kwh	\$ 30,461	\$ 28,708	\$ 25,106	\$ 23,385	\$ 27,520	\$ 34,969	326,363	
35 ES Under/(Over) Recovery	(651)	(4,296)	25	3,009	(908)	(1,106)	13,435	
37 Forecasted Retail MWH Sales	349,490	317,255	282,347	263,613	309,567	393,356	3,806,299	
39 Energy Service Cost - cents per kwh	8.53	7.69	8.90	10.01	8.60	8.61	8.93	

(*) Per Docket 13-108, write-off of Replacement Power Costs.

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

Amounts shown above may not add due to rounding.

PUBLIC SERVICE RATE COMPANY OF NEW HAMPSHIRE
2014 ENERGY SERVICE RATE CALCULATION

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

			Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Total
Hydro	Energy		31.831	25.464	25.480	34.057	37.815	24.764	29.500	17.225	3.949	16.161	31.570	31.253	309.070
Coal	Energy		324.140	295.988	332.079	46.993	1.607	(1.425)	65.209	2.467	11.160	2.246	111.032	370.839	1,562.335
	Energy Expense	\$	15,139	14,135	15,944	3,252	801	367	3,458	553	1,119	792	5,203	17,746	78,507
Wood	Energy		28.162	25.896	29.110	6.388	31.296	30.161	30.524	20.992	30.311	31.125	27.554	22.044	313.563
	Energy Expense	\$	1,809	1,646	1,769	693	1,678	1,532	1,647	1,323	1,351	1,778	1,615	1,292	18,134
	Revenue Credit	\$	(1,170)	(1,096)	(1,201)	(460)	(1,273)	(2,507)	(1,247)	(936)	(1,240)	(1,267)	(1,174)	(939)	(14,511)
IC/Jets	Energy		2.907	1.231	0.526	0.023	(0.036)	0.100	0.130	0.010	(0.010)	0.030	-	-	4.910
	Energy Expense	\$	1,012	496	206	11	2	50	75	15	12	39	-	-	1,917
Newington	Energy		67.693	2.864	27.175	5.592	0.593	1.123	18.246	2.101	0.976	(0.967)	-	-	125.396
	Energy Expense	\$	13,691	1,572	6,112	1,002	61	110	1,640	221	235	75	-	-	24,720
IPPs	Energy		28.045	25.406	27.652	31.265	34.958	27.276	24.539	27.165	20.541	23.569	32.198	33.111	335.724
	Energy Expense	\$	3,925	3,800	2,883	1,118	1,220	1,017	827	779	748	702	1,532	3,418	21,969
	ICAP	\$	105	112	99	96	101	74	81	85	87	86	95	95	1,115
Wood IPPs	Energy		12.341	11.004	-	-	-	-	-	-	-	-	-	-	23.344
	Energy Expense	\$	854	759	-	4	-	-	-	-	-	-	-	-	1,617
	ICAP	\$	-	-	-	-	-	-	-	-	-	-	-	-	0
Burgess BioPower	Energy		13.207	4.819	16.473	18.958	12.083	21.683	30.070	24.136	24.411	43.564	32.662	25.834	267.899
	Energy Expense	\$	923	337	1,151	1,323	843	1,513	2,100	1,686	1,705	3,043	2,280	1,803	18,707
	ICAP	\$	-	-	-	-	-	-	-	-	-	173	173	173	519
Contract Purchases	Energy		16.266	7.519	6.267	65.494	77.302	74.274	55.746	95.005	75.944	75.849	6.124	6.701	562.491
	Expense	\$	1,886	950	535	3,095	3,473	3,384	2,349	3,823	2,981	2,967	322	623	26,389
	ICAP	\$	3	30	25	27	27	27	27	11	11	11	20	20	241
Energy Purchases	Energy		58.951	40.899	20.957	144.169	131.932	170.508	185.808	170.716	160.974	120.578	104.631	5	1,315.090
	Expense	\$	8,109	8,850	1,941	6,506	4,917	6,769	7,493	5,341	5,810	4,184	5,131	744	65,796
Energy Sales	Energy		(196.769)	(87.302)	(115.817)	(53.488)	(34.650)	(26.831)	(46.155)	(25.311)	(27.200)	(21.439)	(17.493)	(77.616)	(730.071)
	(Credit)	\$	(39,081)	(10,600)	(15,901)	(2,140)	(1,336)	(820)	(1,744)	(1,426)	(1,146)	(740)	(825)	(7,207)	(82,966)
Congestion and Loss Adjustment		\$	-	-	-	-	-	-	-	-	-	-	97	1,102	1,199
Total Energy GWH			386.774	353.787	369.902	299.450	292.899	321.634	393.616	334.505	301.056	290.717	328.279	417.133	4,089.751
Total Energy Expense		\$	7,206	20,992	13,563	14,527	10,514	11,516	16,706	11,474	11,672	11,843	14,468	18,870	163,352
ISO-NE Ancillary / Other		\$	953	233	(1,129)	(1,085)	97	205	518	184	128	200	347	504	1,155
NH RPS		\$	989	989	962	980	1,210	1,756	1,026	1,026	1,026	1,026	404	514	11,909
RGGI Costs		\$	233	228	231	852	208	208	213	208	209	208	254	887	3,939
Capacity (sold)/bought MW-mo			(5)	18	10	(17)	(32)	(41)	(39)	(36)	(28)	(80)	(52)	60	(242)
Capacity (sold)/bought Cost (\$000)		\$	704	(386)	34	(54)	(127)	(206)	(323)	(259)	(269)	(205)	(166)	191	(1,066)

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2014 ENERGY SERVICE RATE CALCULATION

Forecasted PSNH IPP Market Value - November - December 2014

Month	IPP Energy at		Capacity MW	ICAP Value \$/kw-mo	ICAP (\$000)	Total (\$000)	Total \$/MWh
	IPP GWh	Mkt Value (\$000)					
November	32.198	1,532	30.1	3.16	95	1,628	50.55
December	33.111	3,418	30.1	3.17	95	3,514	106.12
Total	65.308	4,951			191	5,141	78.72

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2014 ENERGY SERVICE RATE CALCULATION
Fossil / Hydro O&M, Depreciation & Taxes Detail
(Dollars in 000s)

	January 2014 Actual	February 2014 Actual	March 2014 Actual	April 2014 Actual	May 2014 Actual	June 2014 Actual	July 2014 Actual	August 2014 Actual	September 2014 Actual	October 2014 Actual	November 2014 Estimate	December 2014 Estimate	Total
Fossil / Hydro O&M, Depr. & Taxes													
F/H Operation & Maintenance Cost	\$ 5,787	\$ 5,209	\$ 6,432	\$ 10,286	\$ 7,790	\$ 6,186	\$ 5,569	\$ 5,604	\$ 6,195	\$ 6,903	\$ 5,027	\$ 6,707	\$ 77,695
F/H Depreciation Cost	1,599	1,601	1,601	1,602	1,605	1,609	1,609	1,624	1,598	1,612	1,586	1,591	19,238
F/H Property Taxes	853	853	853	556	916	977	916	926	916	987	923	923	10,599
F/H Payroll and Other Taxes	223	223	158	177	264	179	164	198	175	228	172	165	2,325
Amort. of Asset Retirement Obligation	45	45	45	46	46	46	47	47	47	48	48	48	557
Total F/H O&M, Depr. and Taxes	\$ 8,507	\$ 7,930	\$ 9,089	\$ 12,666	\$ 10,621	\$ 8,997	\$ 8,305	\$ 8,399	\$ 8,931	\$ 9,778	\$ 7,756	\$ 9,434	\$ 110,415

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2014 ENERGY SERVICE RATE CALCULATION
FOSSIL/HYDRO RETURN ON RATE BASE
(Dollars in 000s)

	January 2014	February 2014	March 2014	April 2014	May 2014	June 2014	July 2014	August 2014	September 2014	October 2014	November 2014	December 2014	Total
<u>Return on Rate Base</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	
Rate base													
Net Plant	287,122	288,447	283,808	285,100	286,393	279,566	280,836	282,128	275,632	276,925	283,632	283,287	
Working Capital Allow. (45 days of O&M)	9,965	9,965	9,965	9,965	9,965	9,965	9,965	9,965	9,965	9,965	9,965	9,965	
Fossil Fuel Inventory	74,165	74,165	41,192	41,192	41,192	68,764	68,764	68,764	88,980	88,980	75,400	61,820	
Materials and Supplies	53,978	53,978	52,715	52,715	52,715	52,363	52,363	52,363	53,110	53,110	53,978	53,978	
Prepayments	2,458	2,458	1,888	1,888	1,888	1,419	1,419	1,419	744	744	2,458	2,458	
Deferred Taxes	(24,188)	(19,670)	(30,791)	(26,271)	(21,751)	(35,119)	(34,435)	(33,742)	(32,819)	(32,126)	(36,138)	(36,563)	
Other Regulatory Obligations	(13,416)	(13,416)	(16,486)	(16,486)	(16,486)	(10,917)	(10,917)	(10,917)	(14,130)	(14,130)	(9,113)	(9,564)	
Total Rate Base (L14 thru L21)	390,084	395,927	342,291	348,103	353,916	366,042	367,996	369,981	381,482	383,468	380,182	365,381	
Average Rate Base (prev + curr month)	388,018	393,005	369,109	345,197	351,010	359,979	367,019	368,988	375,731	382,475	381,825	372,782	
x Return	0.9058%	0.9058%	0.9058%	0.9087%	0.9087%	0.9087%	0.9100%	0.9100%	0.9100%	0.9231%	0.9231%	0.9231%	
Return (L24 x L25)	\$ 3,515	\$ 3,560	\$ 2,655	\$ 3,137	\$ 3,190	\$ 3,270	\$ 3,340	\$ 3,358	\$ 3,419	\$ 3,531	\$ 3,525	\$ 3,441	\$ 39,940

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2014 ENERGY SERVICE RATE CALCULATION
DETAIL OF WOOD IPP PURCHASES
(000s)

	Actual January 2014	Actual February 2014	Actual March 2014	Actual April 2014	Actual May 2014	Actual June 2014	Actual July 2014	Actual August 2014	Actual September 2014	Actual October 2014	Estimate November 2014	Estimate December 2014	Total 2014
Detail of Wood IPP Purchases													
Generation - MWH													
Alexandria	-	-	-	-	-	-	-	-	-	-	-	-	-
Bethlehem	-	-	-	-	-	-	-	-	-	-	-	-	-
Bridgewater	-	-	-	-	-	-	-	-	-	-	-	-	-
Springfield	12,341	11,004	-	-	-	-	-	-	-	-	-	-	23,345
Tamworth	-	-	-	-	-	-	-	-	-	-	-	-	-
	12,341	11,004	-	-	-	-	-	-	-	-	-	-	23,345
Contract Price Incl. Fuel Price Adj.													
Alexandria	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Bethlehem	-	-	-	-	-	-	-	-	-	-	-	-	-
Bridgewater	-	-	-	-	-	-	-	-	-	-	-	-	-
Springfield	854	759	-	4	-	-	-	-	-	-	-	-	1,617
Tamworth	-	-	-	-	-	-	-	-	-	-	-	-	-
	\$ 854	\$ 759	\$ -	\$ 4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,617
Contract Nodal Market Value													
Alexandria	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Bethlehem	-	-	-	-	-	-	-	-	-	-	-	-	-
Bridgewater	-	-	-	-	-	-	-	-	-	-	-	-	-
Springfield	1,930	1,681	-	-	-	-	-	-	-	-	-	-	3,611
Tamworth	-	-	-	-	-	-	-	-	-	-	-	-	-
	\$ 1,930	\$ 1,681	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	3,611
Fuel Price Adjustment													
Alexandria	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Bethlehem	-	-	-	-	-	-	-	-	-	-	-	-	-
Bridgewater	-	-	-	-	-	-	-	-	-	-	-	-	-
Springfield	2	-	-	-	-	-	-	-	-	-	-	-	2
Tamworth	-	-	-	-	-	-	-	-	-	-	-	-	-
	\$ 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2
Over-Market													
Alexandria	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Bethlehem	-	-	-	-	-	-	-	-	-	-	-	-	-
Bridgewater	-	-	-	-	-	-	-	-	-	-	-	-	-
Springfield	(1,076)	(922)	-	4	-	-	-	-	-	-	-	-	(1,994)
Tamworth	-	-	-	-	-	-	-	-	-	-	-	-	-
	\$ (1,076)	\$ (922)	\$ -	\$ 4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	(1,994)

Amounts shown above may not add due to rounding.