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

<b>Summary of Forecasted Energy Service</b>				
<b>Cost For January 2014 Through December 2014</b>	<b>TOTAL COST</b>		<b>Cents per KWH</b>	<b>Reference</b>
Fossil energy costs	\$ 61,366	\$	1.60	Attachment EHC-2, page 2
F/H O&M, depreciation & taxes	109,688		2.86	Attachment EHC-2, page 2
Return on rate base	36,343		0.95	Attachment EHC-2, page 2
ISO-NE ancillary	3,378		0.09	Attachment EHC-2, page 2
Capacity	(5,828)		(0.15)	Attachment EHC-2, page 2
NH RPS	5,090		0.13	Attachment EHC-2, page 2
RGGI costs	2,147		0.06	Attachment EHC-2, page 2
RGGI auction refunds	(3,050)		(0.08)	Attachment EHC-2, page 2
IPP costs (1)	25,100		0.66	Attachment EHC-2, page 2
Wood IPPs (1)	1,619		0.04	Attachment EHC-2, page 2
Berlin Station	36,747		0.96	Attachment EHC-2, page 2
Purchases and sales	39,422		1.03	Attachment EHC-2, page 2
Return on ES Deferral	(87)		(0.00)	Attachment EHC-2, page 2
<b>Total Forecasted Energy Service Cost</b>	<b>\$ 311,935</b>	<b>\$</b>	<b>8.14</b>	
2013 ES Over/Under Recovery	(6,209)		(0.16)	Attachment EHC-3, page 1
<b>Net Forecasted Energy Service Cost</b>	<b>\$ 305,725</b>			
<b>Forecasted Retail MWH Sales</b>	<b>3,830,948</b>		<b>7.98</b>	
<b>Forecasted Energy Service Rate - cents Per KWH (line 30 / Line 32)</b>	<b>7.98</b>			
<b>Plus Scrubber ES Rate cents per kwh per DE 11-250</b>	<b>0.98</b>			
<b>Total Energy Service Rate - cents per kwh</b>	<b>8.96</b>			

(1) 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 000's)

	January 2014 Estimate	February 2014 Estimate	March 2014 Estimate	April 2014 Estimate	May 2014 Estimate	June 2014 Estimate	Reference
<b>Energy Service Cost</b>							
Fossil energy costs	\$ 16,125	\$ 14,801	\$ 3,275	\$ 436	\$ 451	\$ 2,877	EHC-2, P3
F/H O&M, depreciation & taxes	9,079	9,013	8,408	9,051	9,327	8,961	EHC-2, P5
Return on rate base	3,135	3,026	2,902	2,838	2,850	2,930	EHC-2, P6
ISO-NE ancillary	(52)	(96)	374	440	220	419	EHC-2, P3
Capacity	(441)	(441)	(441)	(441)	(441)	(494)	EHC-2, P3
NH RPS	457	406	418	382	391	424	EHC-2, P3
RGGI costs	635	585	126	-	-	75	EHC-2, P3
RGGI auction refunds	-	-	(763)	-	-	(763)	
IPP costs (1)	4,278	3,329	2,399	1,615	1,646	1,423	EHC-2, P3
Wood IPPs (1)	851	768	-	-	-	-	EHC-2, P3
Berlin Station	3,118	2,833	3,118	3,023	3,118	3,023	EHC-2, P3
Purchases and sales (inc. Congestion and Loss Adj.)	(10,122)	(9,216)	5,905	6,124	5,795	5,486	EHC-2, P3
Return on ES Deferral	(10)	(10)	(9)	(8)	(8)	(9)	
<b>Total Energy Service Cost</b>	<b>\$ 27,052</b>	<b>\$ 24,998</b>	<b>\$ 25,713</b>	<b>\$ 23,461</b>	<b>\$ 23,349</b>	<b>\$ 24,353</b>	
Forecasted Retail MWH Sales	343,821	305,830	314,490	287,440	294,140	319,206	
Energy Service Cost - cents per kwh	7.87	8.17	8.18	8.16	7.94	7.63	

(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**  
**2014 ENERGY SERVICE RATE CALCULATION**  
(Dollars in 000's)

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	July 2014 Estimate	August 2014 Estimate	September 2014 Estimate	October 2014 Estimate	November 2014 Estimate	December 2014 Estimate	Total	Reference
<b>Energy Service Cost</b>								
Fossil energy costs	\$ 4,835	\$ 4,087	\$ 410	\$ 451	\$ 436	\$ 13,180	\$ 61,366	EHC-2, P3
F/H O&M, depreciation & taxes	9,933	9,341	9,227	9,178	9,035	9,134	109,688	EHC-2, P5
Return on rate base	2,994	3,013	3,073	3,138	3,193	3,252	36,343	EHC-2, P6
ISO-NE ancillary	478	456	403	231	235	269	3,378	EHC-2, P3
Capacity	(494)	(494)	(494)	(549)	(549)	(549)	(5,828)	EHC-2, P3
NH RPS	491	466	406	400	405	444	5,090	EHC-2, P3
RGGI costs	114	101	-	-	-	510	2,147	EHC-2, P3
RGGI auction refunds	-	-	(763)	-	-	(763)	(3,050)	
IPP costs (1)	1,289	1,342	1,174	1,769	2,095	2,741	25,100	EHC-2, P4
Wood IPP costs (1)	-	-	-	-	-	-	1,619	EHC-2, P3
Berlin Station	3,118	3,118	3,023	3,118	3,023	3,118	36,747	EHC-2, P3
Purchases and sales (inc. Congestion and Loss Adj.)	7,771	7,561	7,763	7,623	8,363	(3,633)	39,422	EHC-2, P3
Return on ES Deferral	(9)	(7)	(7)	(6)	(3)	(1)	(87)	
<b>Total Energy Service Cost</b>	<b>\$ 30,520</b>	<b>\$ 28,983</b>	<b>\$ 24,216</b>	<b>\$ 25,353</b>	<b>\$ 26,233</b>	<b>\$ 27,703</b>	<b>\$ 311,935</b>	
Forecasted Retail MWH Sales	369,951	351,098	305,635	300,730	304,693	333,914	3,830,948	
Energy Service Cost - cents per kwh	8.25	8.26	7.92	8.43	8.61	8.30	8.14	

(1) 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)  
IPP's 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
1														
2	Hydro:													
3	Energy	31.609	26.318	35.650	39.184	37.828	28.548	21.440	19.249	15.899	24.245	32.160	31.993	344.123
4	Coal:													
5	Energy	337.284	309.339	65.686	0.000	0.000	34.825	43.976	42.205	0.000	0.000	0.000	275.720	1,109.034
6	Energy Expense	\$ 15,674	14,394	2,825	-	-	1,738	2,160	2,037	-	-	-	12,730	51,557
7	Wood:													
8	Energy	28.633	25.862	28.633	27.710	28.633	26.056	26.925	26.925	26.056	28.633	27.710	28.633	330.408
9	Energy Expense	\$ 1,678	1,516	1,678	1,624	1,678	1,527	1,578	1,578	1,527	1,678	1,624	1,678	19,362
10	Revenue Credit	\$ (1,227)	(1,108)	(1,227)	(1,187)	(1,227)	(1,117)	(1,154)	(1,154)	(1,117)	(1,227)	(1,187)	(1,227)	(14,159)
11	Newington:													
12	Energy	0.000	0.000	0.000	0.000	0.000	12.695	39.293	29.016	0.000	0.000	0.000	0.000	81.003
13	Energy Expense	\$ -	-	-	-	-	728	2,251	1,626	-	-	-	-	4,606
14	IPP's:													
15	Energy	50.218	38.709	48.931	41.300	45.218	37.041	28.235	29.756	31.560	40.333	43.922	44.936	480.159
16	Energy Expense	\$ 4,153	3,204	2,274	1,491	1,521	1,323	1,188	1,241	1,074	1,627	1,953	2,599	23,647
17	ICAP	\$ 125	125	125	125	125	101	101	101	101	142	142	142	1,453
18	Wood IPPs:													
19	Energy	11.718	10.584	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.302
20	Energy Expense	\$ 851	768	-	-	-	-	-	-	-	-	-	-	1,619
21	Berlin Station													
22	Energy	42.185	38.102	42.185	40.824	42.185	40.824	42.185	42.185	40.824	42.185	40.824	42.185	496.692
23	Expense	\$ 2,944	2,660	2,944	2,850	2,944	2,850	2,944	2,944	2,850	2,944	2,850	2,944	34,669
24	ICAP	\$ 173	173	173	173	173	173	173	173	173	173	173	173	2,078
25	Known Purchases													
26	Energy	6.275	5.993	5.768	6.397	4.241	3.863	2.671	2.800	4.216	6.179	5.555	7.125	61.084
27	Expense	\$ 467	446	303	336	223	203	140	147	221	324	292	374	3,476
28	ICAP	\$ 20	20	20	20	20	9	9	9	9	20	20	20	197
29	Peak and Offpeak Purchase:													
30	Energy	0.000	0.000	106.034	148.439	152.831	161.313	193.630	191.204	204.532	176.326	171.921	0.904	1,507.134
31	Expense	\$ 0	0	5,558	5,834	5,631	5,817	8,180	8,232	7,653	7,353	8,104	52	62,413
32	Surplus Energy Sales													
33	Energy	(144.469)	(131.615)	(0.440)	0.000	0.000	(7.733)	(7.278)	(12.194)	0.000	0.000	0.000	(78.516)	(382.243)
34	(Credit)	\$ (11,420)	(10,411)	(14)	-	-	(477)	(507)	(775)	-	-	-	(4,465)	(28,068)
35	Congestion and Loss Adjustment													
36		\$ 811	728	38	(67)	(79)	(66)	(51)	(52)	(120)	(74)	(52)	386	1,404
37	Total Energy GWh	363.453	323.292	332.447	303.853	310.936	337.432	391.076	371.146	323.087	317.901	322.091	352.980	4,049.695
38	Total Energy Expense	\$ 14,250	12,515	14,697	11,198	11,010	12,809	17,013	16,108	12,371	12,961	13,917	15,406	164,254
39														
40														
41	ISO-NE Ancillary	\$ (52)	(96)	374	440	220	419	478	456	403	231	235	269	3,378
42	NH RPS	\$ 457	406	418	382	391	424	491	466	406	400	405	444	5,090
43	RGGI Costs	\$ 635	585	126	-	-	75	114	101	-	-	-	510	2,147
44														
45	Capacity (sold)/bought MW-mo	(149)	(149)	(149)	(149)	(149)	(154)	(154)	(154)	(154)	(171)	(171)	(171)	(1,876)
46	Capacity (sold)/bought Cost (\$000)	\$ (441)	(441)	(441)	(441)	(441)	(494)	(494)	(494)	(494)	(549)	(549)	(549)	(5,828)

Amounts shown above may not add due to rounding.

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

**1 Forecasted PSNH IPP Market Value - January - December 2014**

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Month	IPP GWh	IPP Energy at Mkt Value (\$000)	Capacity MW	ICAP Value \$/kw-mo	ICAP (\$000)	Total (\$000)	Total \$/MWh
January	50.218	4,153	42.3	2.95	125	4,278	85.19
February	38.709	3,204	42.3	2.95	125	3,329	85.99
March	48.931	2,274	42.3	2.95	125	2,399	49.02
April	41.300	1,491	42.3	2.95	125	1,615	39.11
May	45.218	1,521	42.3	2.95	125	1,646	36.40
June	37.041	1,323	31.4	3.21	101	1,423	38.43
July	28.235	1,188	31.4	3.21	101	1,289	45.65
August	29.756	1,241	31.4	3.21	101	1,342	45.08
September	31.560	1,074	31.4	3.21	101	1,174	37.21
October	40.333	1,627	44.3	3.21	142	1,769	43.87
November	43.922	1,953	44.3	3.21	142	2,095	47.70
December	44.936	2,599	44.3	3.21	142	2,741	61.00
Total	480.159	23,647			1,453	25,100	52.28

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 000's)

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	January 2014 Estimate	February 2014 Estimate	March 2014 Estimate	April 2014 Estimate	May 2014 Estimate	June 2014 Estimate	July 2014 Estimate	August 2014 Estimate	September 2014 Estimate	October 2014 Estimate	November 2014 Estimate	December 2014 Estimate	Total
<b>Fossil / Hydro O&amp;M, Depr. &amp; Taxes</b>													
F/H Operation & Maintenance Cost	\$ 6,309	\$ 6,275	\$ 5,698	\$ 6,226	\$ 6,418	\$ 6,128	\$ 7,099	\$ 6,521	\$ 6,391	\$ 6,266	\$ 6,204	\$ 6,306	\$ 75,841
F/H Depreciation Cost	1,547	1,552	1,558	1,563	1,568	1,573	1,577	1,579	1,583	1,584	1,589	1,593	18,865
F/H Property Taxes	926	926	926	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	1,025	12,004
F/H Payroll and Other Taxes	252	215	182	192	270	189	185	169	181	255	169	162	2,421
Amort. of Asset Retirement Obligation	45	45	45	46	46	46	47	47	47	48	48	48	557
<b>Total F/H O&amp;M, Depr. and Taxes</b>	\$ 9,079	\$ 9,013	\$ 8,408	\$ 9,051	\$ 9,327	\$ 8,961	\$ 9,933	\$ 9,341	\$ 9,227	\$ 9,178	\$ 9,035	\$ 9,134	\$ 109,688

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 000's)

	January 2014 Estimate	February 2014 Estimate	March 2014 Estimate	April 2014 Estimate	May 2014 Estimate	June 2014 Estimate	July 2014 Estimate	August 2014 Estimate	September 2014 Estimate	October 2014 Estimate	November 2014 Estimate	December 2014 Estimate	Total
<b>Return on Rate Base</b>													
<b>Rate base</b>													
Net Plant	287,164	287,907	288,652	289,393	290,127	291,052	291,912	292,793	293,701	294,624	295,342	296,101	
Working Capital Allow. (45 days of O&M)	9,350	9,350	9,350	9,350	9,350	9,350	9,350	9,350	9,350	9,350	9,350	9,350	
Fossil Fuel Inventory	41,888	35,635	31,745	35,066	38,389	35,018	31,651	31,625	33,828	36,041	38,257	38,759	
Mat'ls and Supplies	51,723	51,723	51,723	51,723	51,723	51,723	51,723	51,723	51,723	51,723	51,723	51,723	
Prepayments	2,622	2,622	2,622	2,622	2,622	2,622	2,622	2,622	2,622	2,622	2,622	2,622	
Deferred Taxes	(39,362)	(45,750)	(53,326)	(56,674)	(55,773)	(58,542)	(54,207)	(49,076)	(44,159)	(40,447)	(35,351)	(29,665)	
Other Regulatory Obligations	(29,290)	(30,972)	(32,692)	(34,291)	(35,920)	(17,189)	(19,162)	(21,051)	(20,640)	(22,302)	(23,980)	(24,866)	
<b>Total Rate Base (L15 thru L22)</b>	<b>324,095</b>	<b>310,515</b>	<b>298,074</b>	<b>297,189</b>	<b>300,518</b>	<b>314,034</b>	<b>313,889</b>	<b>317,986</b>	<b>326,425</b>	<b>331,611</b>	<b>337,963</b>	<b>344,024</b>	
Average Rate Base ( prev + curr month)	328,747	317,305	304,295	297,632	298,854	307,276	313,962	315,938	322,206	329,018	334,787	340,994	
x Return	0.9536%	0.9536%	0.9536%	0.9536%	0.9536%	0.9536%	0.9536%	0.9536%	0.9536%	0.9536%	0.9536%	0.9536%	
<b>Return (L25 x L26)</b>	<b>\$ 3,135</b>	<b>\$ 3,026</b>	<b>\$ 2,902</b>	<b>\$ 2,838</b>	<b>\$ 2,850</b>	<b>\$ 2,930</b>	<b>\$ 2,994</b>	<b>\$ 3,013</b>	<b>\$ 3,073</b>	<b>\$ 3,138</b>	<b>\$ 3,193</b>	<b>\$ 3,252</b>	<b>\$ 36,343</b>

Amounts shown above may not add due to rounding.





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**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE**  
**2013 ENERGY SERVICE RATE CALCULATION**  
(Dollars in 000s)

**Summary of Forecasted Energy Service**

**Cost For January 2013 Through December 2013**

TOTAL COST      Cents per KWH      Reference

	TOTAL COST	Cents per KWH	Reference
Fossil energy costs	\$ 88,669	\$ 2.29	Attachment EHC-4, page 2
Fossil RPC adjustment (*)	(2)	(0.00)	Attachment EHC-4, page 2
F/H O&M, depreciation & taxes	104,191	2.69	Attachment EHC-4, page 2
Return on rate base	39,621	1.02	Attachment EHC-4, page 2
ISO-NE ancillary	(1,576)	(0.04)	Attachment EHC-4, page 2
Capacity	(1,821)	(0.05)	Attachment EHC-4, page 2
NH RPS	10,616	0.27	Attachment EHC-4, page 2
Vermont Yankee	14	0.00	Attachment EHC-4, page 2
RGGI costs	1,448	0.04	Attachment EHC-4, page 2
RGGI Auction Refunds	(9,326)	(0.24)	Attachment EHC-4, page 2
IPP costs (**)	24,551	0.63	Attachment EHC-4, page 2
Wood IPPs (**)	19,772	0.51	Attachment EHC-4, page 2
Berlin Station	4,257	0.11	Attachment EHC-4, page 2
Purchases and sales	20,102	0.52	Attachment EHC-4, page 2
Return on ES Deferral	(44)	(0.00)	Attachment EHC-4, page 2
2012 Actual ES under-recovery (***)	7,099	0.18	Attachment EHC-4, page 2
Total Updated Energy Service Cost	\$ 307,570		
Total Updated Revenue	313,780		
2013 ES (Over)/Under Recovery	\$ (6,209)		

(\*) Per Docket 12-116, write-off of Replacement Power Costs.  
(\*\*) The IPP costs represent the forecasted market value of IPP generation.  
(\*\*\*) The 2012 Actual ES under recovery includes the (9,299) NH RPS 2012 adjustment that was included on Line 19 in the May 2, 2013 filing.  
It also includes an adjustment for 2012 Return on ES deferral of (90) related to the NH RPS 2012 adjustment.

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**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE**  
**2013 ENERGY SERVICE RATE CALCULATION**  
(Dollars in 000s)

	January 2013 Actual	February 2013 Actual	March 2013 Actual	April 2013 Actual	May 2013 Actual	June 2013 Actual	Reference
<b>Energy Service Cost</b>							
Fossil energy costs	\$ 16,851	\$ 18,744	\$ 13,974	\$ 1,629	\$ 1,886	\$ 4,064	EHC-4, P3
Fossil RPC adjustment (*)	-	-	-	(2)	-	-	
F/H O&M, depreciation & taxes	8,719	7,921	8,053	10,458	9,005	8,030	EHC-4, P5
Return on rate base	3,339	3,304	3,167	3,195	3,215	3,383	EHC-4, P6
ISO-NE ancillary	194	(526)	(832)	292	(7)	(108)	EHC-4, P3
Capacity	276	156	153	10	(237)	(309)	EHC-4, P3
NH RPS	1,521	1,521	1,521	-	-	1,720	EHC-4, P3
Vermont Yankee	(1)	3	(1)	3	(1)	(1)	
RGGI costs	149	144	137	103	101	108	EHC-4, P3
RGGI Auction Refunds	-	-	-	-	(2,294)	6	
IPP costs (**)	2,837	3,873	2,122	1,988	1,287	1,725	EHC-4, P3
Wood IPPs (**)	3,824	3,438	3,027	2,266	2,163	877	EHC-4, P3
Berlin Station	-	-	-	-	-	-	EHC-4, P3
Purchases and sales (inc. Congestion and Loss Adj.)	(6,152)	(13,255)	(2,754)	6,286	5,570	4,028	EHC-4, P3
Return on ES Deferral	10	4	(3)	(2)	(1)	(4)	
2012 Actual ES under-recovery (***)	7,099	-	-	-	-	-	
<b>Total Energy Service Cost</b>	<b>\$ 38,665</b>	<b>\$ 25,328</b>	<b>\$ 28,565</b>	<b>\$ 26,227</b>	<b>\$ 20,687</b>	<b>\$ 23,518</b>	
<b>Total Energy Service Revenue at 8.56 ¢/kwh</b>	<b>\$ 33,027</b>	<b>\$ 31,817</b>	<b>\$ 30,232</b>	<b>\$ 23,106</b>	<b>\$ 23,036</b>	<b>\$ 24,980</b>	
<b>ES Under/(Over) Recovery</b>	<b>5,638</b>	<b>(6,489)</b>	<b>(1,667)</b>	<b>3,121</b>	<b>(2,349)</b>	<b>(1,462)</b>	
<b>Forecasted Retail MWH Sales</b>	<b>417,688</b>	<b>339,872</b>	<b>353,140</b>	<b>269,910</b>	<b>269,045</b>	<b>291,798</b>	
<b>Energy Service Cost - cents per kwh</b>	<b>9.26</b>	<b>7.45</b>	<b>8.09</b>	<b>9.72</b>	<b>7.69</b>	<b>8.06</b>	

(\*) Per Docket 12-116, write-off of Replacement Power Costs.

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

(\*\*\*) The 2012 Actual ES under recovery includes the (9,299) NH RPS 2012 adjustment that was included on Line 19 in the May 2, 2013 filing.

It also includes an adjustment for 2012 Return on ES deferral of (90) related to the NH RPS 2012 adjustment.

Amounts shown above may not add due to rounding.

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE**  
**2013 ENERGY SERVICE RATE CALCULATION**  
(Dollars in 000s)

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	July 2013 Actual	August 2013 Actual	September 2013 Estimate	October 2013 Estimate	November 2013 Estimate	December 2013 Estimate	Total	Reference
<b>Energy Service Cost</b>								
Fossil energy costs	\$ 12,137	\$ 3,096	\$ 324	\$ 356	\$ 345	\$ 15,263	\$ 88,669	EHC-4, P3
Fossil RPC adjustment (*)	-	-	-	-	-	-	(2)	
F/H O&M, depreciation & taxes	9,008	8,813	7,896	10,450	7,985	7,853	104,191	EHC-4, P5
Return on rate base	3,499	3,511	3,367	3,210	3,223	3,210	39,621	EHC-4, P6
ISO-NE ancillary	(188)	(1,140)	377	218	221	(77)	(1,576)	EHC-4, P3
Capacity	(350)	(303)	(224)	(282)	(282)	(429)	(1,821)	EHC-4, P3
NH RPS	-	1,457	710	697	702	766	10,616	EHC-4, P3
Vermont Yankee	7	4	-	-	-	-	14	
RGGI costs	127	104	-	-	-	475	1,448	EHC-4, P3
RGGI Auction Refunds	-	(2,545)	(1,929)	-	-	(2,564)	(9,326)	
IPP costs (**)	2,169	1,056	1,097	1,472	1,878	3,048	24,551	EHC-4, P3
Wood IPPs (**)	1,193	834	558	388	448	755	19,772	EHC-4, P3
Berlin Station	-	-	-	-	1,206	3,050	4,257	EHC-4, P3
Purchases and sales (inc. Congestion and Loss Adj.)	1,997	7,382	8,920	7,958	7,789	(7,667)	20,102	EHC-4, P3
Return on ES Deferral	(5)	(7)	(10)	(10)	(8)	(9)	(44)	
2012 Actual ES under recovery	-	-	-	-	-	-	7,099	
<b>Total Energy Service Cost</b>	<b>\$ 29,593</b>	<b>\$ 22,261</b>	<b>\$ 21,086</b>	<b>\$ 24,457</b>	<b>\$ 23,508</b>	<b>\$ 23,674</b>	<b>\$ 307,570</b>	
<b>Total Energy Service Revenue at 7.64 ¢/kwh</b>	<b>\$ 29,864</b>	<b>\$ 23,791</b>	<b>\$ 23,197</b>	<b>\$ 22,761</b>	<b>\$ 22,937</b>	<b>\$ 25,033</b>	<b>313,780</b>	
<b>ES Under/(Over) Recovery</b>	<b>(271)</b>	<b>(1,530)</b>	<b>(2,110)</b>	<b>1,697</b>	<b>571</b>	<b>(1,358)</b>	<b>(6,209)</b>	
<b>Forecasted Retail MWH Sales</b>	<b>379,640</b>	<b>321,963</b>	<b>303,622</b>	<b>297,914</b>	<b>300,219</b>	<b>327,652</b>	<b>3,872,462</b>	
<b>Energy Service Cost - cents per kwh</b>	<b>7.80</b>	<b>6.91</b>	<b>6.94</b>	<b>8.21</b>	<b>7.83</b>	<b>7.23</b>	<b>7.94</b>	

(\*) Per Docket 12-116, 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  
2013 ENERGY SERVICE RATE CALCULATION

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

		Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Total
1														
2	Hydro:													
3	Energy	32.150	29.409	36.561	44.628	35.845	40.889	41.943	22.136	15.899	24.245	32.160	31.993	387.858
4	Coal:													
5	Energy	311.200	317.760	253.291	10.925	16.153	66.350	174.689	31.331	0.000	0.000	0.000	317.664	1,499.362
6	Energy Expense	\$ 14,755	15,640	12,558	1,410	1,342	3,529	8,857	1,573	0	0	0	14,907	74,571
7	Wood:													
8	Energy	29.658	27.438	29.802	12.071	28.454	30.346	30.306	30.829	26.056	28.633	27.710	28.633	329.938
9	Energy Expense	\$ 1,710	1,616	1,762	831	1,553	1,353	1,644	1,714	1,485	1,632	1,580	1,632	18,513
10	Revenue Credit	\$ (1,251)	(1,178)	(1,256)	(671)	(1,499)	(1,274)	(1,272)	(1,290)	(1,161)	(1,276)	(1,235)	(1,276)	(14,639)
11	IC/Jets													
12	Energy	0.067	(0.076)	(0.000)	0.033	0.104	0.109	0.521	0.125	0.000	0.000	0.000	0.000	0.883
13	Energy Expense	\$ 37	3	8	24	37	46	187	41	0	0	0	0	382
14	Newington:													
15	Energy	18.438	21.345	3.652	(0.518)	1.242	1.940	18.374	7.809	0.000	0.000	0.000	0.000	72.284
16	Energy Expense	\$ 1,600	2,663	902	36	453	410	2,721	1,057	0	0	0	0	9,842
17	IPP's:													
18	Energy	32.462	31.823	40.739	44.477	30.604	44.131	40.262	30.906	31.051	40.497	44.149	45.273	456.373
19	Energy Expense	\$ 2,698	3,735	1,984	1,851	1,149	1,630	2,074	961	1,009	1,339	1,746	2,916	23,090
20	ICAP	\$ 139	139	138	138	138	95	95	95	88	132	132	132	1,461
21	Wood IPPs:													
22	Energy	55.336	49.825	57.415	54.081	57.592	22.558	21.867	23.549	17.172	11.718	11.340	11.718	394.173
23	Energy Expense	\$ 3,824	3,438	3,027	2,266	2,163	877	1,193	834	558	388	448	755	19,772
24	ICAP	\$ 0	0	0	0	0	0	0	0	0	0	0	0	0
25	Berlin Station													
26	Energy	0	0	0	0	0	0	0	0	0	0	17.690	42.185	59.875
27	Energy Expense	\$ 0	0	0	0	0	0	0	0	0	0	1,206	2,877	4,083
28	ICAP	\$ 0	0	0	0	0	0	0	0	0	0	0	173	173
29	Known Purchases													
30	Energy	16.529	6.931	28.258	111.585	106.075	66.749	47.078	89.844	124.216	105.379	101.555	7.125	811.326
31	Expense	\$ 967	724	1,523	5,410	4,776	2,768	2,236	3,508	5,645	4,808	4,631	413	37,410
32	ICAP	\$ 0	0	0	0	0	0	0	0	0	0	0	24	24
33	Peak and Offpeak Purchase:													
34	Energy	53.444	12.429	48.157	142.526	117.620	128.374	112.592	173.369	107.098	104.465	82.996	0.078	1,083.148
35	Expense	\$ 4,257	1,853	3,057	6,056	4,561	4,844	5,787	6,364	3,457	3,295	3,272	5	46,808
36	Energy Sales													
37	Energy	(125.531)	(142.627)	(143.407)	(115.115)	(94.644)	(80.064)	(79.941)	(64.340)	(0.533)	(0.013)	(0.238)	(138.309)	(984.762)
38	(Credit)	\$ (11,377)	(15,832)	(7,334)	(5,180)	(3,767)	(3,584)	(6,026)	(2,490)	(13)	(0)	(8)	(8,660)	(64,271)
39	Congestion and Loss Adjustment													
40		\$ 0	0	0	0	0	0	0	0	(169)	(145)	(105)	550	130
41	Total Energy GWH	423.753	354.258	354.469	304.693	299.045	321.382	407.691	345.559	320.959	314.925	317.362	346.361	4110.456
42	Total Energy Expense	\$ 17,359	12,800	16,370	12,170	10,906	10,693	17,496	12,368	10,899	10,174	11,667	14,449	157,351
43														
44														
45	ISO-NE Ancillary	\$ 194	(526)	(832)	292	(7)	(108)	(188)	(1,140)	377	218	221	(77)	(1,576)
46	NH RPS	\$ 1,521	1,521	1,521	0	0	1,720	0	1,457	710	697	702	766	10,616
47	RGGI Costs	\$ 149	144	137	103	101	108	127	104	0	0	0	475	1,448
48														
49	Capacity (sold)/bought MW-mo	78	65	35	(19)	(59)	(56)	(57)	(68)	(76)	(95)	(95)	(146)	(493)
50	Capacity (sold)/bought Cost (\$000)	\$ 276	156	153	10	(237)	(309)	(350)	(303)	(224)	(282)	(282)	(429)	(1,821)

Amounts shown above may not add due to rounding.

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE  
 2013 ENERGY SERVICE RATE CALCULATION**

1 **Forecasted PSNH IPP Market Value - September - December 2013**

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Month	IPP GWh	IPP Energy at Mkt Value (\$000)	Capacity MW	ICAP Value \$/kw-mo	ICAP (\$000)	Total (\$000)	Total \$/MWh
7 September	31.051	1,009	29.9	2.95	88	1,097	35.33
8 October	40.497	1,339	44.9	2.95	132	1,472	36.35
9 November	44.149	1,746	44.9	2.95	132	1,878	42.54
10 December	45.273	2,916	44.9	2.95	132	3,048	67.33
11 Total	160.971	7,010			486	7,496	46.56

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE  
2013 ENERGY SERVICE RATE CALCULATION  
Fossil / Hydro O&M, Depreciation & Taxes Detail  
(Dollars in 000s)

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	January 2013 Actual	February 2013 Actual	March 2013 Actual	April 2013 Actual	May 2013 Actual	June 2013 Actual	July 2013 Actual	August 2013 Actual	September 2013 Estimate	October 2013 Estimate	November 2013 Estimate	December 2013 Estimate	Total
<b>Fossil / Hydro O&amp;M, Depr. &amp; Taxes</b>													
F/H Operation & Maintenance Cost	\$ 5,860	\$ 5,118	\$ 5,370	\$ 8,290	\$ 6,215	\$ 5,278	\$ 6,291	\$ 6,045	\$ 5,049	\$ 7,527	\$ 5,148	\$ 5,017	\$ 71,209
F/H Depreciation Cost	1,539	1,535	1,535	1,536	1,543	1,550	1,553	1,553	1,530	1,530	1,530	1,537	18,471
F/H Property Taxes	1,023	1,023	1,023	416	950	981	950	950	1,094	1,094	1,094	1,094	11,690
F/H Payroll and Other Taxes	256	204	84	174	255	179	171	222	181	255	169	162	2,311
Amort. of Asset Retirement Obligation	41	41	41	42	42	42	43	43	43	44	44	44	510
<b>Total F/H O&amp;M, Depr. and Taxes</b>	<b>\$ 8,719</b>	<b>\$ 7,921</b>	<b>\$ 8,053</b>	<b>\$ 10,458</b>	<b>\$ 9,005</b>	<b>\$ 8,030</b>	<b>\$ 9,008</b>	<b>\$ 8,813</b>	<b>\$ 7,896</b>	<b>\$ 10,450</b>	<b>\$ 7,985</b>	<b>\$ 7,853</b>	<b>\$ 104,191</b>

Amounts shown above may not add due to rounding.

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE**  
**2013 ENERGY SERVICE RATE CALCULATION**  
**FOSSIL/HYDRO RETURN ON RATE BASE**  
(Dollars in 000s)

	January 2013 Actual	February 2013 Actual	March 2013 Actual	April 2013 Actual	May 2013 Actual	June 2013 Actual	July 2013 Actual	August 2013 Actual	September 2013 Estimate	October 2013 Estimate	November 2013 Estimate	December 2013 Estimate	Total
<b>Return on Rate Base</b>													
<b>Rate base</b>													
Net Plant	293,028	294,485	287,533	288,743	289,872	284,410	284,724	286,022	281,644	281,290	283,765	286,438	
Working Capital Allow. (45 days of O&M)	8,779	8,779	8,779	8,779	8,779	8,779	8,779	8,779	8,779	8,779	8,779	8,779	8,779
Fossil Fuel Inventory	39,590	39,590	37,956	37,956	37,956	54,829	54,829	54,829	44,242	44,197	47,672	45,827	
Mat'ls and Supplies	51,273	51,273	51,511	51,511	51,511	49,897	49,897	49,897	51,415	51,437	51,575	51,723	
Prepayments	2,609	2,609	1,807	1,807	1,807	1,471	1,471	1,471	2,622	2,622	2,622	2,622	
Deferred Taxes	(17,614)	(16,193)	(17,582)	(16,557)	(15,532)	(24,019)	(23,596)	(23,172)	(29,162)	(27,783)	(28,294)	(34,553)	
Other Regulatory Obligations	(21,392)	(21,392)	(26,074)	(26,074)	(26,074)	(8,790)	(8,790)	(8,790)	(22,525)	(24,444)	(26,374)	(27,437)	
<b>Total Rate Base (L15 thru L22)</b>	<b>356,272</b>	<b>359,150</b>	<b>343,930</b>	<b>346,165</b>	<b>348,319</b>	<b>366,578</b>	<b>367,315</b>	<b>369,037</b>	<b>337,016</b>	<b>336,098</b>	<b>339,745</b>	<b>333,399</b>	
Average Rate Base ( prev + curr month)	361,475	357,711	351,540	345,048	347,242	357,448	366,946	368,176	353,026	336,557	337,922	336,572	
x Return	0.9237%	0.9237%	0.9237%	0.9258%	0.9258%	0.9258%	0.9536%	0.9536%	0.9536%	0.9536%	0.9536%	0.9536%	
<b>Return (L25 x L26)</b>	<b>\$ 3,339</b>	<b>\$ 3,304</b>	<b>\$ 3,167</b>	<b>\$ 3,195</b>	<b>\$ 3,215</b>	<b>\$ 3,383</b>	<b>\$ 3,499</b>	<b>\$ 3,511</b>	<b>\$ 3,367</b>	<b>\$ 3,210</b>	<b>\$ 3,223</b>	<b>\$ 3,210</b>	<b>\$ 39,621</b>

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE  
2013 ENERGY SERVICE RATE CALCULATION  
DETAIL OF WOOD IPP PURCHASES  
(000s)

	Actual January 2013	Actual February 2013	Actual March 2013	Actual April 2013	Actual May 2013	Actual June 2013	Actual July 2013	Actual August 2013	Estimate September 2013	Estimate October 2013	Estimate November 2013	Estimate December 2013	Total 2013
<b>1 Detail of Wood IPP Purchases</b>													
<b>2 Generation - MWH</b>													
3 Alexandria	8,258	6,654	10,097	9,596	10,169	-	-	-	-	-	-	-	44,773
4 Bethlehem	11,480	10,369	11,431	10,087	11,455	-	-	-	-	-	-	-	54,822
5 Bridgewater	11,090	10,003	10,999	9,399	11,246	10,605	10,468	11,077	5,832	-	-	-	90,720
6 Springfield	11,445	10,572	11,934	10,742	9,961	11,953	11,399	12,472	11,340	11,718	11,340	11,718	136,594
7 Tamworth	13,063	12,228	12,954	14,258	14,761	-	-	-	-	-	-	-	67,264
8	55,336	49,825	57,415	54,081	57,592	22,558	21,867	23,549	17,172	11,718	11,340	11,718	394,173
<b>9 Contract Price Incl. Fuel Price Adj.</b>													
10 Alexandria	\$ 567	\$ 459	\$ 771	\$ 665	\$ 702	\$ 61	\$ (3)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,222
11 Bethlehem	792	715	871	696	790	55	-	-	-	-	-	-	3,921
12 Bridgewater	765	690	907	649	776	872	722	764	431	-	-	-	6,576
13 Springfield	798	729	813	749	687	823	787	861	807	834	807	834	9,529
14 Tamworth	901	844	971	984	1,018	71	-	-	-	-	-	-	4,790
15	\$ 3,824	\$ 3,438	\$ 4,334	\$ 3,742	\$ 3,974	\$ 1,882	\$ 1,506	\$ 1,625	\$ 1,238	\$ 834	\$ 807	\$ 834	\$ 28,037
<b>16 Contract Nodal Market Value</b>													
17 Alexandria	\$ 695	\$ 754	\$ 535	\$ 407	\$ 388	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,779
18 Bethlehem	928	1,067	594	410	426	-	-	-	-	-	-	-	3,424
19 Bridgewater	923	1,057	584	402	429	407	563	389	189	-	-	-	4,943
20 Springfield	951	1,124	644	459	373	470	630	445	368	388	448	755	7,055
21 Tamworth	1,056	1,258	670	589	548	-	-	-	-	-	-	-	4,121
22	\$ 4,552	\$ 5,260	\$ 3,027	\$ 2,266	\$ 2,163	\$ 877	\$ 1,193	\$ 834	\$ 558	\$ 388	\$ 448	\$ 755	\$ 22,323
<b>23 Fuel Price Adjustment</b>													
24 Alexandria	\$ (3)	\$ -	\$ 75	\$ 2	\$ -	\$ 61	\$ (3)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 133
25 Bethlehem	-	-	83	-	-	55	-	-	-	-	-	-	138
26 Bridgewater	-	-	148	-	-	140	-	-	28,344	-	-	-	28,631
27 Springfield	8	-	(10)	8	-	(2)	-	-	24,494	25,311	24,494	25,311	99,615
28 Tamworth	(0)	-	78	-	-	71	-	-	-	-	-	-	149
29	\$ 5	\$ -	\$ 372	\$ 11	\$ -	\$ 325	\$ (3)	\$ -	\$ 52,838	\$ 25,311	\$ 24,494	\$ 25,311	\$ 128,665
<b>30 Over-Market</b>													
31 Alexandria	\$ (128)	\$ (295)	\$ 236	\$ 258	\$ 313	\$ 61	\$ (3)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 443
32 Bethlehem	(136)	(351)	278	286	364	55	-	-	-	-	-	-	496
33 Bridgewater	(158)	(367)	323	247	347	464	160	375	241	-	-	-	1,633
34 Springfield	(153)	(394)	169	291	314	353	156	416	439	446	359	79	2,474
35 Tamworth	(155)	(415)	301	395	471	71	-	-	-	-	-	-	669
	\$ (729)	\$ (1,822)	\$ 1,307	\$ 1,477	\$ 1,810	\$ 1,005	\$ 313	\$ 791	\$ 680	\$ 446	\$ 359	\$ 79	\$ 5,716

Amounts shown above may not add due to rounding.