

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

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10 **Summary of Forecasted Energy Service**

11 Cost For January 2013 Through December 2013	TOTAL COST	Cents per KWH	Reference
12			
13 Fossil energy costs	\$ 64,982	\$ 1.45	Attachment RAB-2, page 2
14 F/H O&M, depreciation & taxes	116,796	2.61	Attachment RAB-2, page 2
15 Return on rate base	41,367	0.92	Attachment RAB-2, page 2
16 ISO-NE ancillary	3,968	0.09	Attachment RAB-2, page 2
17 Capacity	3,531	0.08	Attachment RAB-2, page 2
18 NH RPS	19,217	0.43	Attachment RAB-2, page 2
19 RGGI costs	1,122	0.03	Attachment RAB-2, page 2
20 IPP costs (1)	24,104	0.54	Attachment RAB-2, page 2
21 Wood IPPs (1)	18,332	0.41	Attachment RAB-2, page 2
22 Purchases and sales	77,401	1.73	Attachment RAB-2, page 2
23 Return on ES Deferral	<u>(50)</u>	(0.00)	Attachment RAB-2, page 2
24			
25 Total Forecasted Energy Service Cost	\$ 370,770	\$ 8.28	
26			
27 2012 ES Over/Under Recovery	<u>12,497</u>	<u>0.28</u>	Attachment RAB-3, page 1
28			
29 Net Forecasted Energy Service Cost	\$ 383,267		
30			
31 Forecasted Retail MWH Sales	<u>4,476,904</u>	<u>8.56</u>	
32			
33			
34 Forecasted Energy Service Rate -			
35 cents Per KWH (line 29 / Line 31)		8.56	
36			
37 Plus Scrubber ES Rate cents per kwh per DE 11-250	<u>0.98</u>		
38			
39 Total Energy Service Rate - cents per kwh	<u><u>9.54</u></u>		

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

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

	January 2013 Estimate	February 2013 Estimate	March 2013 Estimate	April 2013 Estimate	May 2013 Estimate	June 2013 Estimate	Reference
Energy Service Cost							
Fossil energy costs	\$ 15,555	\$ 13,071	\$ 6,122	\$ 145	\$ 312	\$ 930	RAB-2, P3
F/H O&M, depreciation & taxes	9,020	7,494	8,613	19,935	12,464	5,184	RAB-2, P5
Return on rate base	3,461	3,398	3,376	3,348	3,319	3,362	RAB-2, P6
ISO-NE ancillary	359	316	334	311	301	336	RAB-2, P3
Capacity	248	248	248	248	248	352	RAB-2, P3
NH RPS	1,746	1,543	1,583	1,442	1,474	1,600	RAB-2, P3
RGGI costs	288	243	105	-	-	6	RAB-2, P3
IPP costs (1)	3,430	2,446	2,467	1,881	1,546	1,339	RAB-2, P3
Wood IPPs (1)	3,848	3,087	2,623	2,076	1,907	756	RAB-2, P3
Purchases and sales (inc. Congestion and Loss Adj.)	(3,248)	(1,746)	4,910	8,614	7,670	10,443	RAB-2, P3
Return on ES Deferral	10	(1)	(2)	4	11	5	
Total Energy Service Cost	\$ 34,719	\$ 30,098	\$ 30,381	\$ 38,006	\$ 29,252	\$ 24,314	
Forecasted Retail MWH Sales	406,796	359,435	368,788	335,981	343,384	372,788	
Energy Service Cost - cents per kwh	8.53	8.37	8.24	11.31	8.52	6.52	

(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
2013 ENERGY SERVICE RATE CALCULATION
(Dollars in 000's)

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	July 2013 Estimate	August 2013 Estimate	September 2013 Estimate	October 2013 Estimate	November 2013 Estimate	December 2013 Estimate	Total	Reference
Energy Service Cost								
Fossil energy costs	\$ 5,720	\$ 7,489	\$ 592	\$ 376	\$ 364	\$ 14,305	\$ 64,982	RAB-2, P3
F/H O&M, depreciation & taxes	8,433	9,323	7,998	12,962	7,755	7,615	116,796	RAB-2, P5
Return on rate base	3,420	3,455	3,492	3,525	3,579	3,633	41,367	RAB-2, P6
ISO-NE ancillary	393	370	322	297	299	329	3,968	RAB-2, P3
Capacity	352	352	352	293	293	293	3,531	RAB-2, P3
NH RPS	1,866	1,759	1,532	1,503	1,515	1,653	19,217	RAB-2, P3
RGGI costs	85	127	2	-	-	266	1,122	RAB-2, P3
IPP costs (1)	1,556	1,457	1,336	1,696	2,082	2,867	24,104	RAB-2, P4
Wood IPP costs (1)	924	876	616	447	489	684	18,332	RAB-2, P3
Purchases and sales (inc. Congestion and Loss Adj.)	10,688	7,428	10,681	10,716	11,666	(420)	77,401	RAB-2, P3
Return on ES Deferral	(4)	(9)	(14)	(15)	(16)	(19)	(50)	
Total Energy Service Cost	\$ 33,434	\$ 32,627	\$ 26,908	\$ 31,800	\$ 28,025	\$ 31,206	\$ 370,770	
Forecasted Retail MWH Sales	434,717	409,748	356,932	350,222	352,932	385,181	4,476,904	
Energy Service Cost - cents per kwh	7.69	7.96	7.54	9.08	7.94	8.10	8.28	

(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
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	31.661	26.362	35.472	39.938	37.420	27.979	21.771	19.511	16.272	23.923	32.760	31.817	344.886
4	Coal:													
5	Energy	319.911	273.996	117.990	0.000	0.000	1.186	82.023	135.183	0.000	0.000	0.000	301.349	1,231.637
6	Energy Expense	\$ 14,591	12,273	5,354	-	-	79	3,935	6,135	-	-	-	13,481	55,848
7	Wood:													
8	Energy	28.633	25.862	28.633	11.045	23.746	26.056	26.925	26.925	26.056	28.633	27.710	28.633	308.856
9	Energy Expense	\$ 1,632	1,474	1,632	630	1,354	1,485	1,535	1,535	1,485	1,632	1,580	1,632	17,608
10	Revenue Credit	\$ (1,256)	(1,135)	(1,256)	(485)	(1,042)	(1,143)	(1,182)	(1,182)	(1,143)	(1,256)	(1,216)	(1,256)	(13,553)
11	Newington:													
12	Energy	4.836	4.232	4.836	0.000	0.000	9.068	23.576	16.926	4.232	0.000	0.000	4.232	71.936
13	Energy Expense	\$ 588	459	392	-	-	510	1,432	1,001	250	-	-	448	5,079
14	IPP's:													
15	Energy	47.308	37.354	49.119	44.966	40.870	34.791	34.537	33.992	34.726	40.975	45.193	46.818	490.650
16	Energy Expense	\$ 3,295	2,311	2,332	1,746	1,411	1,250	1,467	1,368	1,246	1,562	1,948	2,733	22,668
17	ICAP	\$ 135	135	135	135	135	90	90	90	90	134	134	134	1,436
18	Wood IPPs:													
19	Energy	55.242	49.896	55.242	53.46	55.242	21.06	21.762	21.762	17.172	11.718	11.34	11.718	385.614
20	Energy Expense	\$ 3,848	3,087	2,623	2,076	1,907	756	924	876	616	447	489	684	18,332
21	Peak Purchase:													
22	Energy	4.161	4.980	66.932	129.861	125.799	150.374	135.345	99.037	153.140	154.544	136.378	13.702	1,174.253
23	Expense	\$ 363	366	3,449	5,782	5,094	6,476	6,519	4,483	6,567	6,818	6,810	917	53,644
24	Known Purchases													
25	Energy	5.815	6.572	5.793	6.093	4.252	3.412	2.997	2.846	4.121	6.170	5.457	7.113	60.643
26	Expense	\$ 365	366	304	320	223	179	157	149	216	324	286	374	3,264
27	Offpeak Purchase:													
28	Energy	0.129	1.006	51.227	69.801	75.663	120.149	113.292	81.245	121.594	104.256	114.247	3.423	856.033
29	Expense	\$ 10	74	2,295	2,525	2,378	3,845	4,165	2,938	3,962	3,626	4,603	236	30,656
30	Surplus Energy Sales													
31	Energy	(67.672)	(50.300)	(25.400)	0.000	0.000	0.000	(2.687)	(4.282)	0.000	0.000	0.000	(41.630)	(191.972)
32	(Credit)	\$ (4,477)	(2,909)	(1,263)	0	0	0	(160)	(183)	0	0	0	(2,275)	(11,268)
33	Congestion and Loss Adjustment	\$ 492	357	126	(13)	(24)	(57)	7	40	(65)	(52)	(34)	328	1,105
34	Total Energy GWH	430.024	379.959	389.846	355.165	362.991	394.074	459.540	433.145	377.313	370.219	373.085	407.175	4,732.535
35	Total Energy Expense	\$ 19,585	16,857	16,123	12,717	11,435	13,469	18,889	17,249	13,224	13,235	14,600	17,436	184,819
36	ISO-NE Ancillary	\$ 359	316	334	311	301	336	393	370	322	297	299	329	3,968
37	NH RPS	\$ 1,746	1,543	1,583	1,442	1,474	1,600	1,866	1,759	1,532	1,503	1,515	1,653	19,217
38	RGGI Costs	\$ 288	243	105	0	0	6	85	127	2	0	0	266	1,122
39	Capacity (sold)/bought MW-mo	84	84	84	84	84	119	119	119	119	99	99	99	1,197
40	Capacity (sold)/bought Cost (\$000)	\$ 248	248	248	248	248	352	352	352	352	293	293	293	3,531

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 - January - 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
January	47.308	3,295	45.8	2.95	135	3,430	72.51
February	37.354	2,311	45.8	2.95	135	2,446	65.48
March	49.119	2,332	45.8	2.95	135	2,467	50.23
April	44.966	1,746	45.8	2.95	135	1,881	41.84
May	40.870	1,411	45.8	2.95	135	1,546	37.83
June	34.791	1,250	30.3	2.95	90	1,339	38.49
July	34.537	1,467	30.3	2.95	90	1,556	45.07
August	33.992	1,368	30.3	2.95	90	1,457	42.87
September	34.726	1,246	30.3	2.95	90	1,336	38.46
October	40.975	1,562	45.4	2.95	134	1,696	41.39
November	45.193	1,948	45.4	2.95	134	2,082	46.06
December	46.818	2,733	45.4	2.95	134	2,867	61.23
Total	490.650	22,668			1,436	24,104	49.13

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 000's)

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	January 2013	February 2013	March 2013	April 2013	May 2013	June 2013	July 2013	August 2013	September 2013	October 2013	November 2013	December 2013	Total
Fossil / Hydro O&M, Depr. & Taxes	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	
F/H Operation & Maintenance Cost	\$ 6,256	\$ 4,749	\$ 5,898	\$ 17,087	\$ 9,532	\$ 2,497	\$ 5,589	\$ 6,486	\$ 5,149	\$ 10,027	\$ 4,898	\$ 4,767	\$ 82,935
F/H Depreciation Cost	1,548	1,551	1,551	1,552	1,554	1,555	1,557	1,560	1,573	1,574	1,591	1,594	18,759
F/H Property Taxes	912	912	912	1,025	1,025	1,025	1,026	1,026	1,026	1,026	1,026	1,026	11,966
F/H Payroll and Other Taxes	248	226	195	213	294	49	202	193	190	275	180	168	2,433
Amort. of Asset Retirement Obligation	57	57	57	58	58	58	59	59	59	60	60	60	703
Total F/H O&M, Depr. and Taxes	\$ 9,020	\$ 7,494	\$ 8,613	\$ 19,935	\$ 12,464	\$ 5,184	\$ 8,433	\$ 9,323	\$ 7,998	\$ 12,962	\$ 7,755	\$ 7,615	\$ 116,796

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 000's)

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	January 2013 Estimate	February 2013 Estimate	March 2013 Estimate	April 2013 Estimate	May 2013 Estimate	June 2013 Estimate	July 2013 Estimate	August 2013 Estimate	September 2013 Estimate	October 2013 Estimate	November 2013 Estimate	December 2013 Estimate	Total
Return on Rate Base													
Rate base													
Net Plant	302,485	301,342	300,451	299,777	298,731	298,712	299,728	304,249	304,840	310,515	310,646	311,186	
Working Capital Allow. (45 days of O&M)	10,225	10,225	10,225	10,225	10,225	10,225	10,225	10,225	10,225	10,225	10,225	10,225	10,225
Fossil Fuel Inventory	56,340	54,940	53,239	53,239	53,239	53,239	51,537	51,537	51,537	51,537	54,940	57,740	
Mat'ls and Supplies (1)	54,535	54,641	54,901	55,205	55,649	56,460	56,654	56,893	57,500	57,713	58,390	60,141	
Prepayments	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	1,694	
Deferred Taxes	(36,176)	(35,974)	(33,870)	(36,881)	(36,935)	(40,131)	(36,971)	(34,022)	(30,248)	(29,808)	(26,576)	(23,498)	
Other Regulatory Obligations	(18,808)	(19,848)	(21,170)	(22,307)	(23,462)	(9,823)	(11,210)	(12,524)	(15,824)	(16,839)	(17,864)	(20,758)	
Total Rate Base (L15 thru L22)	370,295	367,020	365,469	360,950	359,141	370,375	371,657	378,052	379,723	385,038	391,455	396,730	
Average Rate Base (prev + curr month)	375,499	368,658	366,245	363,210	360,045	364,758	371,016	374,855	378,888	382,380	388,246	394,092	
x Return	0.9217%	0.9217%	0.9217%	0.9217%	0.9217%	0.9217%	0.9217%	0.9217%	0.9217%	0.9217%	0.9217%	0.9217%	
Return (L25 x L26)	\$ 3,461	\$ 3,398	\$ 3,376	\$ 3,348	\$ 3,319	\$ 3,362	\$ 3,420	\$ 3,455	\$ 3,492	\$ 3,525	\$ 3,579	\$ 3,633	\$ 41,367

(1) As addressed in Data Request OCA-01, Q-OCA-007, PSNH has removed the estimated Clean Air Project spare parts inventory from Materials and Supplies of \$2.65M.

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	Estimate May 2013	Estimate June 2013	Estimate July 2013	Estimate August 2013	Estimate September 2013	Estimate October 2013	Estimate November 2013	Estimate December 2013	Total 2013
1 Detail of Wood IPP Purchases													
2 Generation - MWH													
3 Alexandria	10,044	9,072	10,044	9,720	10,044	0	0	0	0	0	0	0	48,924
4 Bethlehem	10,044	9,072	10,044	9,720	10,044	0	0	0	0	0	0	0	48,924
5 Bridgewater	10,044	9,072	10,044	9,720	10,044	9,720	10,044	10,044	5,832	0	0	0	84,564
6 Springfield	11,718	10,584	11,718	11,340	11,718	11,340	11,718	11,718	11,340	11,718	11,340	11,718	137,970
7 Tamworth	13,392	12,096	13,392	12,960	13,392	0	0	0	0	0	0	0	65,232
8	55,242	49,896	55,242	53,460	55,242	21,060	21,762	21,762	17,172	11,718	11,340	11,718	385,614
9 Contract Price Incl. Fuel Price Adj.													
10 Alexandria	\$ 734	\$ 663	\$ 734	\$ 710	\$ 734	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	3,574
11 Bethlehem	706	637	706	683	706	0	0	0	0	0	0	0	3,437
12 Bridgewater	742	670	742	718	742	718	742	742	431	0	0	0	6,246
13 Springfield	834	753	834	807	834	807	834	834	834	834	807	834	9,818
14 Tamworth	941	850	941	911	941	0	0	0	0	0	0	0	4,583
15	\$ 3,956	\$ 3,573	\$ 3,956	\$ 3,828	\$ 3,956	\$ 1,525	\$ 1,576	\$ 1,576	\$ 1,238	\$ 834	\$ 807	\$ 834	27,658
16 Contract Nodal Market Value													
17 Alexandria	\$ 700	\$ 561	\$ 477	\$ 377	\$ 347	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,462
18 Bethlehem	700	561	477	377	347	-	-	-	-	-	-	-	2,462
19 Bridgewater	700	561	477	377	347	349	427	404	209	-	-	-	3,851
20 Springfield	816	655	556	440	404	407	498	471	407	447	489	684	6,275
21 Tamworth	933	748	636	503	462	-	-	-	-	-	-	-	3,282
22	\$ 3,848	\$ 3,087	\$ 2,623	\$ 2,076	\$ 1,907	\$ 756	\$ 924	\$ 876	\$ 616	\$ 447	\$ 489	\$ 684	18,332
23 Fuel Price Adjustment													
24 Alexandria	\$ 41	\$ 37	\$ 41	\$ 39	\$ 41	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	198
25 Bethlehem	13	11	13	12	13	-	-	-	-	-	-	-	62
26 Bridgewater	49	44	49	47	49	47	49	49	28	-	-	-	411
27 Springfield	25	23	25	24	25	24	25	25	24	25	24	25	298
28 Tamworth	17	15	17	16	17	-	-	-	-	-	-	-	82
29	\$ 144	\$ 130	\$ 144	\$ 140	\$ 144	\$ 72	\$ 74	\$ 74	\$ 53	\$ 25	\$ 24	\$ 25	1,051
30 Over-Market													
31 Alexandria	\$ 34	\$ 102	\$ 257	\$ 333	\$ 387	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,112
32 Bethlehem	6	76	229	305	359	-	-	-	-	-	-	-	976
33 Bridgewater	42	109	265	340	395	369	315	338	221	-	-	-	2,395
34 Springfield	18	98	277	367	429	400	336	362	400	387	318	150	3,543
35 Tamworth	8	102	305	407	479	-	-	-	-	-	-	-	1,301
	\$ 108	\$ 487	\$ 1,333	\$ 1,753	\$ 2,049	\$ 768	\$ 651	\$ 700	\$ 622	\$ 387	\$ 318	\$ 150	9,327

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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2012 ENERGY SERVICE RATE CALCULATION
(Dollars in 000's)

**Summary of Actual and Forecasted Energy Service
Cost For January 2012 Through December 2012**

	TOTAL COST	Cents per KWH	Reference
Fossil energy costs	\$ 61,131	1.33	Attachment RAB-4, page 2
F/H O&M, depreciation & taxes	113,107	2.46	Attachment RAB-4, page 2
Return on rate base	40,883	0.89	Attachment RAB-4, page 2
ISO-NE ancillary	2,352	0.05	Attachment RAB-4, page 2
Capacity	6,403	0.14	Attachment RAB-4, page 2
NH RPS	19,111	0.42	Attachment RAB-4, page 2
RGGI costs	1,670	0.04	Attachment RAB-4, page 2
Vermont Yankee	1,727	0.04	Attachment RAB-4, page 2
IPP costs (1)	17,128	0.37	Attachment RAB-4, page 2
Wood IPPs (1)	21,435	0.47	Attachment RAB-4, page 2
Purchases and sales	55,005	1.20	Attachment RAB-4, page 2
Return on ES Deferral	(212)	0.00	Attachment RAB-4, page 2
2011 Actual ES under-recovery	204	0.00	Attachment RAB-4, page 2
Total Updated Energy Service Cost	\$ 339,944	7.39	
Total Updated Revenue	327,447		
2012 ES (Over)/Under Recovery	12,497		

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

Amounts may not add due to rounding.

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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2012 ENERGY SERVICE RATE CALCULATION
(Dollars in 000's)

	January 2012 Actual	February 2012 Actual	March 2012 Actual	April 2012 Actual	May 2012 Actual	June 2012 Actual	Reference
Energy Service Cost							
Fossil energy costs	\$ 14,138	\$ 6,303	\$ 3,671	\$ (3,396)	\$ (4,685)	\$ 4,872	RAB-4, P3
F/H O&M, depreciation & taxes	9,837	8,958	9,984	10,124	8,909	8,296	RAB-4, P5
Return on rate base	3,648	3,646	3,682	3,476	3,476	3,386	RAB-4, P6
ISO-NE ancillary	248	(674)	299	207	244	336	RAB-4, P3
Capacity	736	709	683	719	743	653	RAB-4, P3
NH RPS	1,517	1,517	1,853	1,629	1,319	2,989	RAB-4, P3
RGGI costs	180	145	124	101	99	108	RAB-4, P3
Vermont Yankee	674	629	444	(1)	(3)	(8)	RAB-4, P3
IPP costs (1)	1,623	1,070	1,159	931	1,310	1,442	RAB-4, P3
Wood IPPs (1)	543	1,213	1,100	989	1,299	1,894	RAB-4, P3
Purchases and sales (inc. Congestion and Loss Adj.)	2,329	3,999	4,448	6,426	5,908	2,773	RAB-4, P3
Return on ES Deferral	(2)	(9)	(17)	(25)	(37)	(45)	
2011 Actual ES under-recovery	204	-	-	-	-	-	
Total Energy Service Cost	\$ 35,676	\$ 27,506	\$ 27,431	\$ 21,181	\$ 18,582	\$ 26,696	
Total Energy Service Revenue at 8.31 ¢/kwh for Jan - Apr 15; 7.77 ¢/kwh for Apr 16 - June 30 & 6.13 ¢/kwh for Jul 1 - Dec	\$ 38,486	\$ 32,906	\$ 32,005	\$ 26,733	\$ 27,494	\$ 28,873	
ES Under/(Over) Recovery	\$ (2,810)	\$ (5,400)	\$ (4,574)	\$ (5,552)	\$ (8,913)	\$ (2,178)	
Forecasted Retail MWH Sales	463,101	395,978	385,598	332,495	353,851	371,597	
Energy Service Cost - cents per kwh	7.70	6.95	7.11	6.37	5.25	7.18	

(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
2012 ENERGY SERVICE RATE CALCULATION
(Dollars in 000's)

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	July 2012 Actual	August 2012 Actual	September 2012 Actual	October 2012 Actual	November 2012 Estimate	December 2012 Estimate	Total	Reference
Energy Service Cost								
Fossil energy costs	\$ 12,979	\$ 6,167	\$ 752	\$ 1,036	\$ 4,846	\$ 14,448	\$ 61,131	RAB-4, P3
F/H O&M, depreciation & taxes	9,511	9,138	9,847	10,423	9,059	9,022	113,107	RAB-4, P5
Return on rate base	3,359	3,359	3,115	3,245	3,245	3,245	40,883	RAB-4, P6
ISO-NE ancillary	402	226	404	293	175	192	2,352	RAB-4, P3
Capacity	368	503	386	407	248	248	6,403	RAB-4, P3
NH RPS	1,513	1,191	1,473	1,473	1,262	1,375	19,111	RAB-4, P3
RGGI costs	164	131	98	99	107	314	1,670	RAB-4, P3
Vermont Yankee	(6)	(3)	1	0	-	-	1,727	RAB-4, P3
IPP costs (1)	1,043	1,090	779	1,339	2,479	2,863	17,128	RAB-4, P3
Wood IPPs (1)	2,396	2,402	1,705	1,773	2,860	3,260	21,435	RAB-4, P3
Purchases and sales (inc. Congestion and Loss Adj.)	5,480	8,407	8,719	7,622	3,739	(4,845)	55,005	RAB-4, P3
Return on ES Deferral	(40)	(29)	(19)	(7)	4	14	(212)	
2011 Actual ES under-recovery	-	-	-	-	-	-	204	
Total Energy Service Cost	\$ 37,169	\$ 32,582	\$ 27,259	\$ 27,704	\$ 28,025	\$ 30,135	\$ 339,944	
Total Energy Service Revenue at 8.31 ¢/kwh for Jan - Apr 15; 7.77 ¢/kwh for Apr 16 - June 30 & 6.13 ¢/kwh for Jul 1 - Dec	\$ 28,463	\$ 27,382	\$ 20,165	\$ 19,820	\$ 21,591	\$ 23,529	327,447	
ES Under/(Over) Recovery	8,706	5,200	7,094	7,884	6,434	6,606	12,497	
Forecasted Retail MWH Sales	464,326	446,688	328,956	323,326	352,213	383,840	4,601,969	
Energy Service Cost - cents per kwh	8.00	7.29	8.29	8.57	7.96	7.85	7.39	

(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
2012 ENERGY SERVICE RATE CALCULATION

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

		Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Total	
1															
2	Hydro:	Energy	36.924	25.001	37.914	25.245	42.958	36.822	13.565	15.788	12.946	27.819	32.760	31.817	339.559
3															
4	Coal:	Energy	292.118	172.233	89.887	8.136	0.114	51.939	205.923	105.187	(1.228)	0.782	111.221	344.472	1,380.784
5		Energy Expense	\$ 12,297	5,767	3,588	(185)	369	3,585	9,758	5,154	243	530	4,631	14,225	59,961
6															
7	Wood:	Energy	30.492	28.584	22.693	17.363	31.541	4.812	21.488	31.736	30.790	31.729	27.710	28.633	307.571
8		Energy Expense	\$ 1,507	1,397	1,106	996	1,443	1,456	968	1,431	1,398	1,500	1,544	1,595	16,340
9		Revenue Credit	\$ (1,101)	(1,051)	(895)	(753)	(1,665)	(1,092)	(863)	(1,134)	(1,109)	(1,134)	(1,328)	(1,372)	(13,496)
10															
11	Nuclear:	Energy	14.732	13.668	9.610	0	0	0	0	0	0	0	0	0	38.010
12		Energy Expense	\$ 674	629	444	(1)	(3)	(8)	(6)	(3)	1	0	-	-	1,727
13															
14	IC/Jets	Energy	(0.051)	0.075	(0.007)	0.001	(0.021)	(0.039)	0.033	0.106	0.063	(0.357)	0.000	0.000	(0)
15		Energy Expense	\$ 6	30	8	7	5	3	18	35	22	2	-	-	136
16															
17	Newington:	Energy	12.141	(2.537)	1.104	(0.975)	(0.885)	8.113	42.186	5.831	1.002	(0.943)	0.000	0.000	65.037
18		Energy Expense	\$ 1,429	160	(136)	50	110	920	3,098	681	198	138	-	-	6,648
19		Oil Sale	-	-	-	(3,511)	(4,947)	-	-	-	-	-	-	-	(8,458)
20															
21	IPP's:	Energy	38.901	31.579	40.437	29.418	42.560	41.332	22.657	25.042	21.982	34.016	43.814	46.213	417.951
22		Energy Expense	\$ 1,450	897	986	758	1,137	1,352	953	1,000	689	1,204	2,344	2,727	15,498
23		ICAP	\$ 173	173	173	173	173	90	90	90	90	135	135	135	1,630
24															
25	Wood IPPs:	Energy	17.073	41.227	44.747	39.500	47.407	57.104	57.137	56.185	49.386	51.047	53.460	55.242	569.515
26		Energy Expense	\$ 543	1,213	1,100	989	1,299	1,894	2,396	2,402	1,705	1,773	2,860	3,260	21,435
27															
28	Peak Purchase:	Energy	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	26.245	1.396	27.641
29		Expense	\$ -	-	-	-	-	-	-	-	-	-	1,461	139	1,600
30															
31	Known Purchases	Energy	10.478	22.584	64.123	124.692	103.602	125.634	33.119	148.332	147.392	98.168	70.249	7.113	955.487
32		Expense	\$ 565	1,862	1,853	3,676	3,031	1,116	1,619	5,691	5,405	3,704	2,709	378	31,609
33															
34	Offpeak Purchase:	Energy	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	36.024	0.000	36.024
35		Expense	\$ 0	0	0	0	0	0	0	0	0	0	1,684	0	1,684
36															
37	ISO-NE, Net	Energy	26.127	88.922	105.968	119.371	112.477	79.011	89.392	70.649	102.300	104.700	(29.159)	(109.129)	760.629
38		Net Expense	\$ 1,764	2,137	2,595	2,750	2,877	1,657	3,861	2,716	3,314	3,918	(2,227)	(5,786)	19,576
39															
40	Congestion and Loss Adjustment		\$ 0	0	0	0	0	0	0	0	0	0	112	424	536
41															
42	Total Energy GWH		478.935	421.336	416.476	362.751	379.753	404.728	485.500	458.856	364.633	346.961	372.324	405.757	4,898.011
43	Total Energy Expense		\$ 19,307	13,214	10,822	4,950	3,828	10,973	21,892	18,063	11,956	11,770	13,925	15,726	156,426
44															
45															
46	ISO-NE Ancillary		\$ 248	(674)	299	207	244	336	402	226	404	293	175	192	2,352
47	NH RPS		\$ 1,517	1,517	1,853	1,629	1,319	2,989	1,513	1,191	1,473	1,473	1,262	1,375	19,111
48	RGCI Costs		\$ 180	145	124	101	99	108	164	131	98	99	107	314	1,670
49															
50	Capacity (sold)/bought MW		229	217	210	216	196	200	186	164	156	121	84	84	2,063
51	Capacity (sold)/bought Cost (\$000)		\$ 736	709	683	719	743	653	368	503	386	407	248	248	6,403

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2012 ENERGY SERVICE RATE CALCULATION

1 **Forecasted PSNH IPP Market Value - November - December 2012**

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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
November	43.814	2,344	45.8	2.95	135	2,479	56.59
December	46.213	2,727	45.8	2.95	135	2,863	61.95
Total	90.027	5,072			270	5,342	59.34

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2012 ENERGY SERVICE RATE CALCULATION
Fossil / Hydro O&M, Depreciation & Taxes Detail
(Dollars in 000's)

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	January 2012 Actual	February 2012 Actual	March 2012 Actual	April 2012 Actual	May 2012 Actual	June 2012 Actual	July 2012 Actual	August 2012 Actual	September 2012 Actual	October 2012 Actual	November 2012 Estimate	December 2012 Estimate	Total
Fossil / Hydro O&M, Depr. & Taxes													
F/H Operation & Maintenance Cost	\$ 7,216	\$ 6,318	\$ 7,425	\$ 7,620	\$ 6,098	\$ 5,706	\$ 6,698	\$ 6,395	\$ 7,072	\$ 7,642	\$ 6,365	\$ 6,339	\$ 80,894
F/H Depreciation Cost	1,509	1,500	1,500	1,461	1,514	1,523	1,530	1,530	1,581	1,585	1,499	1,501	18,233
F/H Property Taxes	847	847	847	836	1,007	976	976	976	1,006	976	991	991	11,276
F/H Payroll and Other Taxes	227	255	174	168	251	52	268	198	148	180	148	135	2,204
Amort. of Asset Retirement Obligation	38	38	38	39	39	39	39	39	39	40	55	55	500
Total F/H O&M, Depr. and Taxes	\$ 9,837	\$ 8,958	\$ 9,984	\$ 10,124	\$ 8,909	\$ 8,296	\$ 9,511	\$ 9,138	\$ 9,847	\$ 10,423	\$ 9,059	\$ 9,022	\$ 113,107

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2012 ENERGY SERVICE RATE CALCULATION
FOSSIL/HYDRO RETURN ON RATE BASE
(Dollars in 000's)

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	January 2012 Actual	February 2012 Actual	March 2012 Actual	April 2012 Actual	May 2012 Actual	June 2012 Actual	July 2012 Actual	August 2012 Actual	September 2012 Actual	October 2012 Actual	November 2012 Estimate	December 2012 Estimate	Total
Return on Rate Base													
Rate base													
Net Plant	304,879	304,879	303,395	303,395	303,395	301,303	301,303	301,303	296,421	296,421	296,421	296,421	
Working Capital Allow. (45 days of O&M)	9,973	9,973	9,973	9,973	9,973	9,973	9,973	9,973	9,973	9,973	9,973	9,973	9,973
Fossil Fuel Inventory	67,674	67,674	57,505	57,505	57,505	50,015	50,015	50,015	44,611	44,611	44,611	44,611	44,611
Mat'ls and Supplies	53,406	53,406	54,547	54,547	54,547	50,349	50,349	50,349	51,469	51,469	51,469	51,469	51,469
Prepayments	2,590	2,590	2,243	2,243	2,243	1,884	1,884	1,884	892	892	892	892	892
Deferred Taxes	(28,324)	(28,324)	(27,213)	(27,213)	(27,213)	(35,671)	(35,671)	(35,671)	(34,388)	(34,388)	(34,388)	(34,388)	(34,388)
Other Regulatory Obligations	(15,391)	(15,391)	(22,055)	(22,055)	(22,055)	(12,624)	(12,624)	(12,624)	(16,913)	(16,913)	(16,913)	(16,913)	(16,913)
Total Rate Base (L15 thru L22)	394,807	394,807	378,395	378,395	378,395	365,229	365,229	365,229	352,065	352,065	352,065	352,065	
Average Rate Base (prev + curr month)	395,037	394,807	386,601	378,395	378,395	371,812	365,229	365,229	358,647	352,065	352,065	352,065	352,065
x Return	0.9235%	0.9235%	0.9235%	0.9186%	0.9186%	0.9186%	0.9196%	0.9196%	0.9196%	0.9217%	0.9217%	0.9217%	0.9217%
Return (L25 x L26)	\$ 3,648	\$ 3,646	\$ 3,682	\$ 3,476	\$ 3,476	\$ 3,386	\$ 3,359	\$ 3,359	\$ 3,115	\$ 3,245	\$ 3,245	\$ 3,245	\$ 40,883

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2012 ENERGY SERVICE RATE CALCULATION
DETAIL OF WOOD IPP PURCHASES
(000s)

	Actual January 2012	Actual February 2012	Actual March 2012	Actual April 2012	Actual May 2012	Actual June 2012	Actual July 2012	Actual August 2012	Actual September 2012	Actual October 2012	Estimate November 2012	Estimate December 2012	Total 2012
1 Detail of Wood IPP Purchases													
2 Generation - MWH													
3 Alexandria	3,180	7,485	8,069	10,259	10,268	10,128	9,638	9,433	7,009	8,528	9,720	10,044	103,761
4 Bethlehem	4,455	10,718	11,384	11,174	11,517	11,165	11,501	11,493	7,293	10,964	9,720	10,044	121,430
5 Bridgewater	4,015	9,874	11,248	9,413	10,948	10,557	11,009	10,755	10,419	10,304	9,720	10,044	118,305
6 Springfield	0	0	0	0	0	11,721	11,152	9,974	11,340	8,648	11,340	11,718	75,893
7 Tamworth	5,422	13,150	14,047	8,654	14,673	13,533	13,837	14,530	13,325	12,602	12,960	13,392	150,126
8	17,073	41,227	44,748	39,500	47,407	57,103	57,137	56,185	49,386	51,047	53,460	55,242	569,514
9 Contract Price Incl. Fuel Price Adj.													
10 Alexandria	\$ 219	\$ 516	\$ 633	\$ 689	\$ 708	\$ 792	\$ 664	\$ 651	\$ 484	\$ 669	\$ 710	\$ 734	7,470
11 Bethlehem	307	740	990	771	795	950	794	793	610	756	683	706	8,895
12 Bridgewater	277	681	868	649	755	842	789	742	866	711	718	742	8,641
13 Springfield	0	0	0	0	0	809	759	688	861	518	807	834	5,275
14 Tamworth	374	907	1,009	597	1,012	978	955	1,003	970	870	911	941	10,527
15	\$ 1,178	\$ 2,845	\$ 3,500	\$ 2,707	\$ 3,271	\$ 4,371	\$ 3,961	\$ 3,877	\$ 3,792	\$ 3,524	\$ 3,828	\$ 3,956	40,809
16 Contract Nodal Market Value													
17 Alexandria	\$ 102	\$ 222	\$ 205	\$ 261	\$ 286	\$ 337	\$ 412	\$ 406	\$ 250	\$ 301	\$ 520	\$ 593	3,895
18 Bethlehem	140	312	273	274	310	365	473	488	262	373	520	593	4,382
19 Bridgewater	129	295	280	243	304	353	462	464	352	357	520	593	4,353
20 Springfield	0	0	0	0	0	396	472	431	388	311	607	691	3,295
21 Tamworth	171	386	342	211	399	442	578	613	453	431	693	790	5,509
22	\$ 543	\$ 1,214	\$ 1,100	\$ 988	\$ 1,299	\$ 1,894	\$ 2,396	\$ 2,402	\$ 1,705	\$ 1,773	\$ 2,860	\$ 3,260	21,434
23 Fuel Price Adjustment													
24 Alexandria	\$ -	\$ -	\$ 76	\$ (19)	\$ -	\$ 93	\$ (0)	\$ -	\$ -	\$ 80	\$ 39	\$ 41	310
25 Bethlehem	-	-	204	-	-	180	-	-	107	-	12	13	516
26 Bridgewater	-	-	92	-	-	113	143	-	147	-	47	49	591
27 Springfield	-	-	-	-	-	-	(113)	-	79	(79)	24	25	-63
28 Tamworth	-	-	40	-	-	44	(11)	-	51	-	16	17	158
29	\$ -	\$ -	\$ 413	\$ (19)	\$ -	\$ 430	\$ 18	\$ -	\$ 384	\$ 1	\$ 140	\$ 144	1,512
30 Over-Market													
31 Alexandria	\$ 117	\$ 295	\$ 428	\$ 428	\$ 423	\$ 455	\$ 252	\$ 245	\$ 234	\$ 367	\$ 190	\$ 141	3,574
32 Bethlehem	167	428	717	497	485	585	321	305	348	384	163	113	4,513
33 Bridgewater	148	387	588	406	451	488	328	278	514	354	198	149	4,289
34 Springfield	-	-	-	-	-	413	287	257	474	206	200	143	1,980
35 Tamworth	203	522	667	386	613	536	377	390	517	439	218	151	5,019
	\$ 635	\$ 1,631	\$ 2,400	\$ 1,719	\$ 1,972	\$ 2,477	\$ 1,564	\$ 1,475	\$ 2,087	\$ 1,751	\$ 968	\$ 696	19,376

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
PROJECTED JANUARY THROUGH DECEMBER 2013 SCRC RATE CALCULATION

000s

	<u>Total 2013 Stranded Cost</u>	<u>Source</u>
1 Part 1 - Rate Recovery Bonds (RRB)	\$ 20,319	Attachment RAB-1, Page 3
2 Part 2 - Ongoing SCRC Costs	40,059	Attachment RAB-1, Page 3
3 Projected Constellation Refund	(1,293)	Attachment RAB-1, Page 3
4 Part 2 - 2012 Estimated SCRC under/(over) Recovery	<u>(7,212)</u>	Attachment RAB-2, Page 1
5 Total Updated SCRC Cost (L1+L2+L3)	\$ 51,873	
6 Forecasted Retail MWH Sales	7,785,920	
7 Forecasted SCRC Rate - cents per kWh	<u><u>0.67</u></u>	

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
PROJECTED JANUARY THROUGH DECEMBER 2013 SCRC RATE CALCULATION

000s

<u>SCRC Cost</u>	<u>January 2013</u>	<u>February 2013</u>	<u>March 2013</u>	<u>April 2013</u>	<u>May 2013</u>	<u>June 2013</u>	<u>Total for the six months ended 6/30/13</u>	<u>Source</u>
1 SCRC Part 1 Costs	\$ 4,974	\$ 5,115	\$ 5,115	\$ 5,115	\$ -	\$ -	\$ 20,319	Attachment RAB-1, Page 4
2 SCRC Part 2 Costs	2,007	2,443	4,061	4,585	4,883	3,482	21,462	Attachment RAB-1, Page 6
3 Projected Constellation Refund	-	-	-	-	-	-	-	
4 2012 Estimated SCRC Under(Over) Recovery	<u>(7,212)</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(7,212)</u>	Attachment RAB-2, Page 1
5 Total SCRC Cost	\$ (230)	\$ 7,557	\$ 9,176	\$ 9,700	\$ 4,883	\$ 3,482	\$ 34,569	
6 Total SCRC Revenue @ .67 cents/kwh	<u>4,740</u>	<u>4,188</u>	<u>4,297</u>	<u>3,915</u>	<u>4,001</u>	<u>4,344</u>	<u>25,485</u>	
7 SCRC Under/(Over) Recovery	\$ (4,970)	\$ 3,369	\$ 4,879	\$ 5,785	\$ 882	\$ (862)	\$ 9,084	
8 Retail MWH Sales	707,472	625,104	641,370	584,314	597,190	648,327	3,803,777	

9 Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
PROJECTED JANUARY THROUGH DECEMBER 2013 SCRC RATE CALCULATION

000s

<u>SCRC Cost</u>	<u>July 2013</u>	<u>August 2013</u>	<u>September 2013</u>	<u>October 2013</u>	<u>November 2013</u>	<u>December 2013</u>	<u>Total for the twelve months ended 12/31/13</u>	<u>Source</u>
1 SCRC Part 1 Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,319	Attachment RAB-1, Page 5
2 SCRC Part 2 Costs	3,163	3,221	3,142	3,272	3,187	2,612	40,059	Attachment RAB-1, Page 7
3 Projected Constellation Refund (1)	-	-	-	-	-	(1,293)	(1,293)	
4 2012 Estimated SCRC Under(Over) Recovery	-	-	-	-	-	-	(7,212)	Attachment RAB-2, Page 1
5 Total SCRC Cost	\$ 3,163	\$ 3,221	\$ 3,142	\$ 3,272	\$ 3,187	\$ 1,319	\$ 51,873	
6 Total SCRC Revenue @ .67 cents/kwh	5,065	4,774	4,159	4,081	4,112	4,488	52,166	
7 SCRC Under/(Over) Recovery	\$ (1,902)	\$ (1,553)	\$ (1,017)	\$ (809)	\$ (926)	\$ (3,169)	\$ (293)	
8 Retail MWH Sales	756,030	712,606	620,751	609,081	613,795	669,880	7,785,920	

9 Amounts shown above may not add due to rounding.

(1) PSNH's projected share of Constellation Energy Commodities Group, Inc. refund to ISO-NE as agreed to in DK. NO. IN12-7-000.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
PROJECTED JANUARY THROUGH DECEMBER 2013 SCRC RATE CALCULATION
SECURITIZED COSTS

000s

SCRC Part 1 Amortization of Securitized Assets	January 2013	February 2013	March 2013	April 2013	May 2013	June 2013	Total for the six months ended 6/30/13
1 Principal							
2 Amortization of Seabrook cost	\$ 4,524	\$ 4,730	\$ 4,730	\$ 4,730	\$ -	\$ -	\$ 18,714
3 Amortization of MP 3	143	150	150	150	-	-	594
4 Amortization of RRB1 financing cost	106	111	111	111	-	-	440
5 Total	4,773	4,991	4,991	4,991	-	-	19,748
6 Interest and Fees							
7 RRB1 Interest	158	81	81	81	-	-	401
8 RRB fees	43	43	43	43	-	-	171
9 Total	201	124	124	124	-	-	571
10 Total SCRC Part 1 cost	<u>\$ 4,974</u>	<u>\$ 5,115</u>	<u>\$ 5,115</u>	<u>\$ 5,115</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 20,319</u>

11 Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
PROJECTED JANUARY THROUGH DECEMBER 2013 SCRC RATE CALCULATION

SECURITIZED COSTS

000s

SCRC Part 1	July	August	September	October	November	December	Total for the
<u>Amortization of Securitized Assets</u>	<u>2013</u>	<u>2013</u>	<u>2013</u>	<u>2013</u>	<u>2013</u>	<u>2013</u>	<u>twelve months</u>
							<u>ended</u>
							<u>12/31/13</u>
1 <u>Principal</u>							
2 Amortization of Seabrook cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,714
3 Amortization of MP 3	-	-	-	-	-	-	594
4 Amortization of RRB1 financing cost	-	-	-	-	-	-	440
5 Total	-	-	-	-	-	-	19,748
6 <u>Interest and Fees</u>							
7 RRB1 Interest	-	-	-	-	-	-	401
8 RRB fees	-	-	-	-	-	-	171
9 Total	-	-	-	-	-	-	571
10 Total SCRC Part 1 cost	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 20,319</u>

11 Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
PROJECTED JANUARY THROUGH DECEMBER 2013 SCRC RATE CALCULATION

PART 2 ONGOING COSTS

000s

SCRC Part 2 Ongoing Costs	January 2013	February 2013	March 2013	April 2013	May 2013	June 2013	Total for the six months ended 06/30/13
Ongoing Costs - IPP							
1 Amortization and return on IPP							
2 Buydown/Buyout Savings	\$ 168	\$ 169	\$ 181	\$ 184	\$ 181	\$ 170	\$ 1,054
3 IPP Ongoing costs:							
4 Total IPP Cost	5,248	4,294	5,044	4,522	4,170	3,854	27,132
5 less: IPP at Market Cost	3,430	2,446	2,467	1,881	1,546	1,340	13,110
6 Above Market IPP Cost	1,818	1,848	2,577	2,641	2,624	2,514	14,022
7 Above Market Wood IPP Costs	108	487	1,333	1,752	2,049	768	6,498
8 Total Above Market IPP Costs	1,926	2,335	3,910	4,393	4,673	3,282	20,520
9 Total Part 2 Costs	<u>\$ 2,095</u>	<u>\$ 2,504</u>	<u>\$ 4,091</u>	<u>\$ 4,578</u>	<u>\$ 4,855</u>	<u>\$ 3,452</u>	<u>\$ 21,574</u>
Ongoing Costs - Return							
10 Return on ADIT - Securitized							
11 Stranded Costs	(48)	(35)	(21)	(7)	-	-	(110)
12 Return on Yankee Decommissioning							
13 Obligations and CVEC, net of deferred taxes	(14)	(13)	(12)	(11)	(10)	(10)	(71)
14 Return on SCRC deferred balance	(25)	(13)	4	26	39	39	69
15 Total Part 2 Return	<u>\$ (87)</u>	<u>\$ (61)</u>	<u>\$ (29)</u>	<u>\$ 7</u>	<u>\$ 29</u>	<u>\$ 30</u>	<u>\$ (112)</u>
16 Total Part 2 Ongoing Costs and Return	<u>\$ 2,007</u>	<u>\$ 2,443</u>	<u>\$ 4,061</u>	<u>\$ 4,585</u>	<u>\$ 4,883</u>	<u>\$ 3,482</u>	<u>\$ 21,462</u>
17 Amounts shown above may not add due to rounding.							

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
PROJECTED JANUARY THROUGH DECEMBER 2013 SCRC RATE CALCULATION

PART 2 ONGOING COSTS

000s

SCRC Part 2 Ongoing Costs	July 2013	August 2013	September 2013	October 2013	November 2013	December 2013	Total for the twelve months ended 12/31/13
Ongoing Costs - IPP							
1 Amortization and return on IPP							
2 Buydown/Buyout Savings	\$ 160	\$ 158	\$ 159	\$ 163	\$ 168	\$ 167	\$ 2,029
3 IPP Ongoing costs:							
4 Total IPP Cost	3,884	3,803	3,684	4,406	4,774	5,161	52,844
5 less: IPP at Market Cost	1,557	1,458	1,336	1,696	2,082	2,867	24,106
6 Above Market IPP Cost	2,327	2,345	2,348	2,710	2,692	2,294	28,738
7 Above Market Wood IPP Costs	651	700	622	387	318	150	9,326
8 Total Above Market IPP Costs	2,978	3,045	2,970	3,097	3,010	2,444	38,064
9 Total Part 2 Costs	<u>\$ 3,139</u>	<u>\$ 3,203</u>	<u>\$ 3,129</u>	<u>\$ 3,261</u>	<u>\$ 3,178</u>	<u>\$ 2,611</u>	<u>\$ 40,094</u>
Ongoing Costs - Return							
10 Return on ADIT - Securitized							
11 Stranded Costs	-	-	-	-	-	-	(110)
12 Return on Yankee Decommissioning							
13 Obligations and CVEC, net of deferred taxes	(9)	(8)	(7)	(6)	(5)	(4)	(108)
14 Return on SCRC deferred balance	33	26	21	17	13	5	184
15 Total Part 2 Return	<u>\$ 25</u>	<u>\$ 18</u>	<u>\$ 14</u>	<u>\$ 11</u>	<u>\$ 8</u>	<u>\$ 1</u>	<u>\$ (35)</u>
16 Total Part 2 Ongoing Costs and Return	<u>\$ 3,163</u>	<u>\$ 3,221</u>	<u>\$ 3,142</u>	<u>\$ 3,272</u>	<u>\$ 3,187</u>	<u>\$ 2,612</u>	<u>\$ 40,059</u>

17 Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

2012 SCRC RECONCILIATION

000s

	<u>Stranded Cost</u>	<u>Source</u>
1 Part 1 - Rate Recovery Bonds (RRB)	\$ 59,965	Attachment RAB-2, Page 3
2 Part 2 - Ongoing SCRC Costs	53,385	Attachment RAB-2, Page 3
3 Part 2 - 2011 Actual SCRC under/(over) Recovery	<u>1,461</u>	Attachment RAB-2, Page 3
4 Total Updated SCRC Cost (L1+L2+L3)	\$ 114,810	
5 Total Updated SCRC Revenue	<u>122,022</u>	Attachment RAB-2, Page 3
6 Total 2012 Estimated SCRC under/(over) Recovery (L4 - L5)	<u><u>(7,212)</u></u>	

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

2012 SCRC RECONCILIATION

000s

SCRC Cost	Actual January 2012	Actual February 2012	Actual March 2012	Actual April 2012	Actual May 2012	Actual June 2012	Total for the six months ended 6/30/12	Source
1 SCRC Part 1 Costs	\$ 4,917	\$ 5,078	\$ 5,078	\$ 5,078	\$ 4,820	\$ 4,820	\$ 29,793	Attachment RAB-2, Page 4
2 SCRC Part 2 Costs	2,470	4,475	5,946	4,610	5,340	5,824	28,664	Attachment RAB-2, Page 6
3 2011 Actual SCRC under(over) Recovery	1,461	-	-	-	-	-	1,461	
4 Total SCRC Cost	\$ 8,848	\$ 9,554	\$ 11,024	\$ 9,688	\$ 10,160	\$ 10,644	\$ 59,918	
5 Total SCRC Revenue @ 1.23 cents/kwh	<u>8,456</u>	<u>7,691</u>	<u>7,654</u>	<u>7,021</u>	<u>7,575</u>	<u>7,906</u>	46,303	
6 SCRC under/(over) Recovery	\$ 392	\$ 1,863	\$ 3,370	\$ 2,667	\$ 2,585	\$ 2,738	\$ 13,614	
7 Retail MWH Sales	687,896	626,942	622,454	568,906	610,284	644,640	3,761,122	

8 Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

2012 SCRC RECONCILIATION

000s

<u>SCRC Cost</u>	<u>Actual July 2012</u>	<u>Actual August 2012</u>	<u>Actual September 2012</u>	<u>Actual October 2012</u>	<u>Estimate November 2012</u>	<u>Estimate December 2012</u>	<u>Total for the twelve months ended 12/31/12</u>	<u>Source</u>
1 SCRC Part 1 Costs	\$ 4,820	\$ 5,144	\$ 5,137	\$ 5,137	\$ 4,967	\$ 4,967	\$ 59,965	Attachment RAB-2, Page 5
2 SCRC Part 2 Costs	3,794	4,272	4,694	4,896	3,724	3,340	53,385	Attachment RAB-2, Page 7
3 2011 Actual SCRC under(over) Recovery	-	-	-	-	-	-	1,461	
4 Total SCRC Cost	\$ 8,614	\$ 9,416	\$ 9,830	\$ 10,033	\$ 8,691	\$ 8,308	\$ 114,810	
5 Total SCRC Revenue @ 1.88 cents/kwh	<u>14,479</u>	<u>13,979</u>	<u>11,524</u>	<u>11,670</u>	<u>11,516</u>	<u>12,550</u>	122,022	
6 SCRC under/(over) Recovery	\$ (5,865)	\$ (4,563)	\$ (1,693)	\$ (1,637)	\$ (2,825)	\$ (4,242)	\$ (7,212)	
7 Retail MWH Sales	756,185	758,294	612,533	625,021	612,544	667,548	7,793,248	

8 Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

2012 SCRC RECONCILIATION

SECURITIZED COSTS

000s

SCRC Part 1 Amortization of Securitized Assets	Actual January 2012	Actual February 2012	Actual March 2012	Actual April 2012	Actual May 2012	Actual June 2012	Total for the six months ended 6/30/12
1 Principal							
2 Amortization of Seabrook cost	\$ 4,252	\$ 4,474	\$ 4,474	\$ 4,474	\$ 4,308	\$ 4,308	\$ 26,289
3 Amortization of MP 3	135	142	142	142	137	137	835
4 Amortization of RRB1 financing cost	100	105	105	105	101	101	619
5 Total	4,488	4,721	4,721	4,721	4,546	4,546	27,743
6 Interest and Fees							
7 RRB1 Interest	385	315	316	315	235	235	1,802
8 RRB fees	44	42	42	42	39	39	247
9 Total	430	357	357	357	274	274	2,049
10 Total SCRC Part 1 cost	<u>\$ 4,917</u>	<u>\$ 5,078</u>	<u>\$ 5,078</u>	<u>\$ 5,078</u>	<u>\$ 4,820</u>	<u>\$ 4,820</u>	<u>\$ 29,793</u>

11 Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

2012 SCRC RECONCILIATION

SECURITIZED COSTS

000s

SCRC Part 1 Amortization of Securitized Assets	Actual July 2012	Actual August 2012	Actual September 2012	Actual October 2012	Estimate November 2012	Estimate December 2012	Total for the twelve months ended 12/31/12
1 Principal							
2 Amortization of Seabrook cost	\$ 4,308	\$ 4,678	\$ 4,678	\$ 4,678	\$ 4,524	\$ 4,524	\$ 53,678
3 Amortization of MP 3	137	149	149	149	143	143	1,705
4 Amortization of RRB1 financing cost	101	110	110	110	106	106	1,263
5 Total	4,546	4,936	4,936	4,936	4,773	4,773	56,645
6 Interest and Fees							
7 RRB1 Interest	235	164	164	164	158	158	2,847
8 RRB fees	39	43	36	36	36	36	472
9 Total	274	207	200	200	194	194	3,320
10 Total SCRC Part 1 cost	<u>\$ 4,820</u>	<u>\$ 5,144</u>	<u>\$ 5,137</u>	<u>\$ 5,137</u>	<u>\$ 4,967</u>	<u>\$ 4,967</u>	<u>\$ 59,965</u>

11 Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

2012 SCRC RECONCILIATION

PART 2 ONGOING COSTS

000s

SCRC Part 2 Ongoing Costs	Actual January 2012	Actual February 2012	Actual March 2012	Actual April 2012	Actual May 2012	Actual June 2012	Total for the six months ended 06/30/12
Ongoing Costs - IPP							
1 Amortization and return on IPP							
2 Buydown/Buyout Savings	\$ 200	\$ 207	\$ 218	\$ 225	\$ 218	\$ 198	\$ 1,266
3 IPP Ongoing costs:							
4 Total IPP Cost	3,825	3,913	4,671	3,758	4,595	4,702	25,463
5 less: IPP at Market Cost	<u>1,623</u>	<u>1,069</u>	<u>1,159</u>	<u>932</u>	<u>1,310</u>	<u>1,443</u>	<u>7,536</u>
6 Above Market IPP Cost	2,202	2,844	3,511	2,826	3,285	3,259	17,927
7 Above Market Wood IPP Costs	<u>635</u>	<u>1,631</u>	<u>2,400</u>	<u>1,718</u>	<u>1,972</u>	<u>2,477</u>	<u>10,834</u>
8 Total Above Market IPP Costs	2,837	4,475	5,912	4,544	5,257	5,736	28,761
9 Total Part 2 Costs	<u>\$ 3,037</u>	<u>\$ 4,682</u>	<u>\$ 6,130</u>	<u>\$ 4,769</u>	<u>\$ 5,475</u>	<u>\$ 5,934</u>	<u>\$ 30,027</u>
Ongoing Costs - Return							
10 2011 Adjustment	(345)	-	-	-	-	-	(345)
11 Return on ADIT - Securitized							
12 Stranded Costs	(200)	(188)	(177)	(167)	(154)	(141)	(1,027)
13 Return on Yankee Decommissioning							
14 Obligations and CVEC, net of deferred taxes	(25)	(24)	(23)	(22)	(21)	(20)	(134)
15 Yankee Contract Obligations Adjustment	-	-	-	-	-	-	-
16 Return on SCRC deferred balance	<u>4</u>	<u>5</u>	<u>16</u>	<u>29</u>	<u>39</u>	<u>50</u>	<u>144</u>
17 Total Part 2 Return	<u>\$ (567)</u>	<u>\$ (206)</u>	<u>\$ (184)</u>	<u>\$ (159)</u>	<u>\$ (135)</u>	<u>\$ (111)</u>	<u>\$ (1,362)</u>
18 Total Part 2 Ongoing Costs and Return	<u>\$ 2,470</u>	<u>\$ 4,475</u>	<u>\$ 5,946</u>	<u>\$ 4,610</u>	<u>\$ 5,340</u>	<u>\$ 5,824</u>	<u>\$ 28,664</u>

19 Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

2012 SCRC RECONCILIATION

PART 2 ONGOING COSTS

000s

SCRC Part 2 Ongoing Costs	Actual July 2012	Actual August 2012	Actual September 2012	Actual October 2012	Estimate November 2012	Estimate December 2012	Total for the twelve months ended 12/31/12
Ongoing Costs - IPP							
1 Amortization and return on IPP							
2 Buydown/Buyout Savings	\$ 184	\$ 173	\$ 175	\$ 181	\$ 165	\$ 165	\$ 2,310
3 IPP Ongoing costs:							
4 Total IPP Cost	3,193	3,826	3,322	4,407	5,171	5,445	50,827
5 less: IPP at Market Cost	<u>1,043</u>	<u>1,090</u>	<u>780</u>	<u>1,339</u>	<u>2,479</u>	<u>2,862</u>	<u>17,129</u>
6 Above Market IPP Cost	2,150	2,736	2,542	3,068	2,692	2,583	33,698
7 Above Market Wood IPP Costs	<u>1,564</u>	<u>1,475</u>	<u>2,087</u>	<u>1,751</u>	<u>968</u>	<u>696</u>	<u>19,374</u>
8 Total Above Market IPP Costs	3,714	4,211	4,629	4,818	3,660	3,279	53,072
9 Total Part 2 Costs	<u>\$ 3,898</u>	<u>\$ 4,384</u>	<u>\$ 4,804</u>	<u>\$ 4,999</u>	<u>\$ 3,825</u>	<u>\$ 3,444</u>	<u>\$ 55,382</u>
Ongoing Costs - Return							
10 2011 Adjustment	-	-	-	-	-	-	(345)
11 Return on ADIT - Securitized							
12 Stranded Costs	(128)	(115)	(102)	(88)	(73)	(60)	(1,593)
13 Return on Yankee Decommissioning							
14 Obligations and CVEC, net of deferred taxes	(19)	(18)	(18)	(17)	(22)	(22)	(250)
15 Yankee Contract Obligations Adjustment	-	-	-	-	-	-	-
16 Return on SCRC Deferred Balance	<u>44</u>	<u>22</u>	<u>9</u>	<u>2</u>	<u>(7)</u>	<u>(22)</u>	<u>191</u>
17 Total Part 2 Return	<u>\$ (104)</u>	<u>\$ (112)</u>	<u>\$ (110)</u>	<u>\$ (103)</u>	<u>\$ (102)</u>	<u>\$ (104)</u>	<u>\$ (1,997)</u>
18 Total Part 2 Ongoing Costs and Return	<u>\$ 3,794</u>	<u>\$ 4,272</u>	<u>\$ 4,694</u>	<u>\$ 4,896</u>	<u>\$ 3,724</u>	<u>\$ 3,340</u>	<u>\$ 53,385</u>

19 Amounts shown above may not add due to rounding.