

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

Summary of Forecasted Energy Service				
Cost For January 2012 Through December 2012	TOTAL COST	Cents per KWH	Reference	
Fossil energy costs	\$ 130,410	\$ 2.49	Attachment RAB-2, page 2	
F/H O&M, depreciation & taxes	131,955	2.52	Attachment RAB-2, page 2	
Return on rate base	42,641	0.82	Attachment RAB-2, page 2	
ISO-NE ancillary	5,082	0.10	Attachment RAB-2, page 2	
Capacity	11,097	0.21	Attachment RAB-2, page 2	
NH RPS	14,796	0.28	Attachment RAB-2, page 2	
RGGI costs	4,173	0.08	Attachment RAB-2, page 2	
Vermont Yankee	2,103	0.04	Attachment RAB-2, page 2	
IPP costs (1)	30,913	0.59	Attachment RAB-2, page 2	
Purchases and sales	67,413	1.29	Attachment RAB-2, page 2	
Return on ES Deferral	33	0.00	Attachment RAB-2, page 2	
Total Forecasted Energy Service Cost	\$ 440,617	\$ 8.42		
2011 ES Over/Under Recovery	(1,708)	(0.03)	Attachment RAB-3, page 1	
Net Forecasted Energy Service Cost	\$ 438,909			
Forecasted Retail MWH Sales	5,230,952	8.39		
Forecasted Energy Service Rate - cents Per KWH (line 29 / Line 31)	\$ 8.39			

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

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

	January 2012 Estimate	February 2012 Estimate	March 2012 Estimate	April 2012 Estimate	May 2012 Estimate	June 2012 Estimate	Reference
Energy Service Cost							
Fossil energy costs	\$ 17,081	\$ 15,339	\$ 13,636	\$ 7,810	\$ 485	\$ 8,708	RAB-2, P3
F/H O&M, depreciation & taxes	10,956	9,775	10,377	12,834	10,540	10,968	RAB-2, P5
Return on rate base	3,669	3,644	3,595	3,555	3,530	3,533	RAB-2, P6
ISO-NE ancillary (inc. Congestion and Loss Adj.)	752	689	510	332	119	301	RAB-2, P3
Capacity	1,003	1,003	1,003	1,068	1,068	878	RAB-2, P3
NH RPS	1,348	1,229	1,228	1,123	1,121	1,215	RAB-2, P3
RGGI costs	546	502	463	255	-	265	RAB-2, P3
Vermont Yankee	716	671	716	-	-	-	RAB-2, P3
IPP costs (1)	3,800	3,428	2,876	2,451	2,110	1,913	RAB-2, P4
Purchases and sales	502	772	1,110	6,555	13,662	7,884	RAB-2, P3
Return on ES Deferral	(1)	1	1	2	4	3	
Total Energy Service Cost	\$ 40,374	\$ 37,053	\$ 35,514	\$ 35,985	\$ 32,640	\$ 35,667	
Forecasted Retail MWH Sales	476,707	434,674	434,169	397,180	396,382	429,451	
Energy Service Cost - cents per kwh	8.47	8.52	8.18	9.06	8.23	8.31	

(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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Energy Service Cost

	July 2012 Estimate	August 2012 Estimate	September 2012 Estimate	October 2012 Estimate	November 2012 Estimate	December 2012 Estimate	Total	Reference
Fossil energy costs	\$ 15,497	\$ 14,736	\$ 442	\$ 8,447	\$ 12,186	\$ 16,043	\$ 130,410	RAB-2, P3
F/H O&M, depreciation & taxes	11,242	11,173	12,292	11,680	10,078	10,041	131,955	RAB-2, P5
Return on rate base	3,531	3,521	3,516	3,513	3,515	3,519	42,641	RAB-2, P6
ISO-NE ancillary (inc. Congestion and Loss Adj.)	494	473	99	301	414	598	5,082	RAB-2, P3
Capacity	878	878	878	812	814	814	11,097	RAB-2, P3
NH RPS	1,397	1,337	1,169	1,154	1,174	1,299	14,796	RAB-2, P3
RGGI costs	489	463	-	263	403	525	4,173	RAB-2, P3
Vermont Yankee	-	-	-	-	-	-	2,103	RAB-2, P3
IPP costs (1)	2,318	2,278	1,855	2,281	2,502	3,102	30,913	RAB-2, P4
Purchases and sales	4,994	4,804	16,173	6,815	2,851	1,291	67,413	RAB-2, P3
Return on ES Deferral	2	2	3	6	6	4	33	
Total Energy Service Cost	\$ 40,843	\$ 39,665	\$ 36,427	\$ 35,273	\$ 33,942	\$ 37,235	\$ 440,617	
Forecasted Retail MWH Sales	493,997	472,803	413,157	408,160	415,056	459,216	5,230,952	
Energy Service Cost - cents per kwh	8.27	8.39	8.82	8.64	8.18	8.11	8.42	

(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	
2	Hydro:	Energy	31.468	26.462	35.094	39.74	37.08	27.954	21.994	19.476	15.922	23.576	32.825	31.697	343.288
3															
4	Coal:	Energy	344.472	322.248	307.054	183.490	0.000	183.490	300.581	289.798	0.000	189.606	273.856	339.002	2,733.596
5		Energy Expense	\$ 14,667	13,721	13,150	7,705	-	7,716	12,932	12,465	-	7,962	11,717	14,426	116,461
6															
7	Wood:	Energy	27.951	26.148	27.951	6.049	27.951	25.436	26.283	26.283	25.436	27.951	27.050	27.951	302.442
8		Energy Expense	\$ 1,380	1,291	1,380	299	1,380	1,256	1,298	1,298	1,256	1,380	1,336	1,380	14,933
9		Revenue Credit	\$ (895)	(837)	(895)	(194)	(895)	(814)	(841)	(841)	(814)	(895)	(866)	(895)	(9,682)
10															
11	Nuclear:	Energy	15.349	14.379	15.334	0	0	0	0	0	0	0	0	0	45.062
12		Energy Expense	\$ 716	671	716	-	-	-	-	-	-	-	-	-	2,103
13															
14	Newington:	Energy	22.971	13.904	0.000	0.000	0.000	9.068	34.457	29.621	0.000	0.000	0.000	13.904	123.923
15		Energy Expense	\$ 1,929	1,163	-	-	-	550	2,109	1,815	-	-	-	1,131	8,698
16															
17	IPP's:	Energy	56.640	50.538	58.113	52.325	46.703	42.718	46.733	45.669	42.355	48.492	51.178	54.130	595.594
18		Energy Expense	\$ 3,629	3,256	2,704	2,280	1,939	1,828	2,233	2,193	1,770	2,139	2,360	2,960	29,290
19		ICAP	\$ 171	171	171	171	171	85	85	85	85	142	142	142	1,623
20															
21	Peak Purchase:	Energy	29.390	29.173	20.788	82.449	176.665	105.416	59.551	52.637	191.492	85.056	31.507	32.019	896.144
22		Expense	\$ 2,038	2,142	1,206	4,180	8,534	5,350	3,395	3,029	9,655	4,371	1,764	1,982	47,647
23															
24	Known Purchases	Energy	5.570	7.086	6.016	5.997	4.601	3.342	3.176	2.959	4.506	6.340	5.277	7.325	62.193
25		Expense	\$ 332	424	316	315	242	175	167	155	237	333	277	385	3,357
26															
27	Offpeak Purchase:	Energy	7.874	4.841	5.656	49.816	126.015	56.672	34.603	39.824	157.038	50.444	18.901	9.278	560.961
28		Expense	\$ 581	364	278	2,060	4,886	2,362	1,624	1,871	6,282	2,111	881	570	23,869
29															
30	Surplus Energy Sales	Energy	(37.759)	(35.285)	(17.045)	(0.006)	0.000	(0.122)	(5.173)	(6.467)	0.000	0.000	(1.838)	(29.869)	(133.564)
31		(Credit)	\$ (2,448)	(2,158)	(690)	(0)	0	(4)	(192)	(252)	0	0	(71)	(1,646)	(7,460)
32															
33	Congestion and Loss Adjustment		\$ 522	481	281	107	(68)	92	249	240	(102)	114	223	384	2,523
34															
35	Total Energy GWH		503.927	459.493	458.960	419.859	419.015	453.973	522.204	499.800	436.748	431.466	438.756	485.437	5,529.639
36	Total Energy Expense		\$ 22,621	20,690	18,618	16,923	16,189	18,596	23,059	22,059	18,368	17,658	17,762	20,820	233,362
37															
38															
39	ISO-NE Ancillary		\$ 231	208	229	225	187	210	244	233	201	187	190	214	2,559
40	NH RPS		\$ 1,348	1,229	1,228	1,123	1,121	1,215	1,397	1,337	1,169	1,154	1,174	1,299	14,796
41	RGGI Costs		\$ 546	502	463	255	0	265	489	463	0	263	403	525	4,173
42															
43	Capacity (sold)/bought MW-mo		279	279	279	297	297	298	298	298	298	275	276	276	3,446
44	Capacity (sold)/bought Cost (\$000)		\$ 1,003	1,003	1,003	1,068	1,068	878	878	878	878	812	814	814	11,097

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 - January - December 2012**

IPP Energy at							
Month	IPP GWh	Mkt Value (\$000)	Capacity MW	ICAP Value \$/kw-mo	ICAP (\$000)	Total (\$000)	Total \$/MWh
January	56.640	3,629	47.6	3.60	171	3,800	67.09
February	50.538	3,256	47.6	3.60	171	3,428	67.83
March	58.113	2,704	47.6	3.60	171	2,876	49.48
April	52.325	2,280	47.6	3.60	171	2,451	46.84
May	46.703	1,939	47.6	3.60	171	2,110	45.18
June	42.718	1,828	28.8	2.95	85	1,913	44.78
July	46.733	2,233	28.8	2.95	85	2,318	49.60
August	45.669	2,193	28.8	2.95	85	2,278	49.88
September	42.355	1,770	28.8	2.95	85	1,855	43.80
October	48.492	2,139	48.1	2.95	142	2,281	47.04
November	51.178	2,360	48.1	2.95	142	2,502	48.88
December	54.130	2,960	48.1	2.95	142	3,102	57.30
Total	595.594	29,290			1,623	30,913	51.90

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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4															
5															
6															
7															
8															
9		January	February	March	April	May	June	July	August	September	October	November	December		
10		2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	Total	
11	Fossil / Hydro O&M, Depr. & Taxes	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate		
12															
13	F/H Operation & Maintenance Cost	\$ 7,992	\$ 6,831	\$ 7,372	\$ 9,726	\$ 7,425	\$ 7,852	\$ 8,124	\$ 8,056	\$ 9,099	\$ 8,577	\$ 6,962	\$ 6,936	\$ 94,953	
14	F/H Depreciation Cost	1,877	1,877	1,878	1,878	1,879	1,880	1,881	1,882	1,888	1,888	1,897	1,899	22,604	
15	F/H Property Taxes	818	818	818	1,015	1,015	1,015	1,015	1,015	1,015	1,015	1,015	1,015	11,587	
16	F/H Payroll Taxes	217	196	258	162	167	168	168	166	236	144	148	135	2,165	
17	Amort. of Asset Retirement Obligation	52	52	52	53	53	53	54	54	54	55	55	55	647	
18															
19	Total F/H O&M, Depr. and Taxes	\$ 10,956	\$ 9,775	\$ 10,377	\$ 12,834	\$ 10,540	\$ 10,968	\$ 11,242	\$ 11,173	\$ 12,292	\$ 11,680	\$ 10,078	\$ 10,041	\$ 131,955	

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)

	January 2012 Estimate	February 2012 Estimate	March 2012 Estimate	April 2012 Estimate	May 2012 Estimate	June 2012 Estimate	July 2012 Estimate	August 2012 Estimate	September 2012 Estimate	October 2012 Estimate	November 2012 Estimate	December 2012 Estimate	Total
Return on Rate Base													
Rate base													
Net Plant	303,842	302,176	300,642	299,221	297,607	296,527	295,988	297,276	296,516	298,402	297,401	296,614	
Working Capital Allow. (45 days of O&M)	11,707	11,707	11,707	11,707	11,707	11,707	11,707	11,707	11,707	11,707	11,707	11,707	
Fossil Fuel Inventory	60,698	57,571	54,289	54,310	54,331	52,595	50,868	50,905	50,982	51,097	51,212	51,375	
Mat'ls and Supplies	54,826	54,957	55,278	55,654	56,202	57,203	57,443	57,739	58,488	58,751	59,588	61,751	
Prepayments	2,575	2,575	2,575	2,575	2,575	2,575	2,575	2,575	2,575	2,575	2,575	2,575	
Deferred Taxes	(29,707)	(29,666)	(29,228)	(30,874)	(31,277)	(35,427)	(35,623)	(36,006)	(35,994)	(36,793)	(36,715)	(35,571)	
Other Regulatory Obligations	(10,377)	(10,948)	(12,279)	(12,853)	(13,431)	(4,901)	(5,565)	(6,193)	(7,865)	(8,378)	(8,895)	(10,389)	
Total Rate Base (L15 thru L22)	393,563	388,371	382,983	379,738	377,713	380,278	377,392	378,003	376,408	377,360	376,873	378,063	
Average Rate Base (prev + curr month)	393,563	390,967	385,677	381,361	378,726	378,996	378,835	377,698	377,205	376,884	377,117	377,468	
x Return	0.9322%	0.9322%	0.9322%	0.9322%	0.9322%	0.9322%	0.9322%	0.9322%	0.9322%	0.9322%	0.9322%	0.9322%	
Return (L25 x L26)	\$ 3,669	\$ 3,644	\$ 3,595	\$ 3,555	\$ 3,530	\$ 3,533	\$ 3,531	\$ 3,521	\$ 3,516	\$ 3,513	\$ 3,515	\$ 3,519	\$ 42,641

Amounts shown above may not add due to rounding.

1	PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE			
2	2011 ENERGY SERVICE RATE CALCULATION			
3	(Dollars in 000s)			
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10	Summary of Forecasted and Actual Energy Service			
11	Cost For January 2011 Through December 2011	TOTAL COST	Cents per KWH	Reference
12				
13	Fossil energy costs	\$ 124,817	2.40	Attachment RAB-4, page 2
14	F/H O&M, depreciation & taxes	144,161	2.78	Attachment RAB-4, page 2
15	Return on rate base	42,871	0.83	Attachment RAB-4, page 2
16	ISO-NE ancillary	938	0.02	Attachment RAB-4, page 2
17	Capacity	10,884	0.21	Attachment RAB-4, page 2
18	NH RPS	10,719	0.21	Attachment RAB-4, page 2
19	RGGI costs	3,496	0.07	Attachment RAB-4, page 2
20	Vermont Yankee	7,437	0.14	Attachment RAB-4, page 2
21	IPP costs (1)	27,120	0.52	Attachment RAB-4, page 2
22	Purchases and sales	74,668	1.44	Attachment RAB-4, page 2
23	Return on ES Deferral	191	0.00	Attachment RAB-4, page 2
24	Merrimack projected RPC insurance proceeds	(3,200)	(0.06)	Attachment RAB-4, page 2
25	2010 Actual ES underrecovery	10,366	0.20	Attachment RAB-4, page 2
26				
27	Total Updated Energy Service Cost	\$ 454,468	8.75	
28	Total Updated Revenue	456,176		
29	2011 ES (Over)/Under Recovery	(1,708)		

(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 2011 ENERGY SERVICE RATE CALCULATION (Dollars in 000s)						
	January 2011 Actual	February 2011 Actual	March 2011 Actual	April 2011 Actual	May 2011 Actual	June 2011 Actual	Reference
10 Energy Service Cost							
12 Fossil energy costs (1)	\$ 19,112	\$ 14,554	\$ 13,178	\$ 7,744	\$ 5,087	\$ 9,294	RAB-4, P3
13 F/H O&M, depreciation & taxes	9,386	8,886	10,811	14,989	13,338	10,049	RAB-4, P5
14 Return on rate base	3,636	3,645	3,486	3,582	3,582	3,616	RAB-4, P6
15 ISO-NE ancillary (inc. Congestion and Loss Adj.)	(561)	184	(798)	165	245	245	RAB-4, P3
16 Capacity	1,200	1,085	1,049	257	601	962	RAB-4, P3
17 NH RPS	873	864	869	869	869	901	RAB-4, P3
18 RGGI costs	567	115	279	202	114	(4)	RAB-4, P3
19 Vermont Yankee	688	623	648	668	655	642	RAB-4, P3
20 IPP costs (2)	4,115	2,090	2,341	2,638	2,232	1,581	RAB-4, P4
21 Purchases and sales (3)	495	2,505	3,655	5,670	11,938	6,831	RAB-4, P3
22 Return on ES Deferral	22	17	13	14	23	26	
23 Merrimack projected RPC insurance proceeds	-	-	-	-	-	-	
24 2010 Actual ES underrecovery	10,366	-	-	-	-	-	
26 Total Energy Service Cost	\$ 49,899	\$ 34,568	\$ 35,531	\$ 36,798	\$ 38,684	\$ 34,143	
28 Total Energy Service Revenue	43,283	37,414	38,054	32,084	32,551	36,407	
30 ES Under/(Over) Recovery	6,616	(2,846)	(2,523)	4,714	6,133	(2,264)	
32 Retail MWH Sales	499,353	431,507	438,899	370,023	375,429	419,953	

(1) February includes a credit of \$1.4M for resale of 30,000 tons of coal.

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

(3) June includes credit of \$150.4 for Seabrook related activity.

	PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE 2011 ENERGY SERVICE RATE CALCULATION (Dollars in 000s)							
	July 2011 Actual	August 2011 Actual	September 2011 Estimate	October 2011 Estimate	November 2011 Estimate	December 2011 Estimate	Total	Reference
10 Energy Service Cost								
12 Fossil energy costs (1)	\$ 9,379	\$ 8,674	\$ 7,781	\$ 7,011	\$ 7,037	\$ 15,967	\$ 124,817	RAB-4, P3
13 F/H O&M, depreciation & taxes	10,506	9,631	20,296	14,014	11,214	11,041	144,161	RAB-4, P5
14 Return on rate base	3,571	3,571	3,506	3,459	3,552	3,665	42,871	RAB-4, P6
15 ISO-NE ancillary (inc. Congestion and Loss Adj.)	41	(88)	303	255	297	651	938	RAB-4, P3
16 Capacity	795	886	1,043	1,001	1,001	1,003	10,884	RAB-4, P3
17 NH RPS	1,048	901	857	848	861	959	10,719	RAB-4, P3
18 RGGI costs	251	1,067	190	170	171	374	3,496	RAB-4, P3
19 Vermont Yankee	643	639	646	221	670	693	7,437	RAB-4, P3
20 IPP costs (2)	1,597	1,061	1,725	2,135	2,411	3,194	27,120	RAB-4, P4
21 Purchases and sales	9,147	11,937	7,532	8,033	7,695	(770)	74,668	RAB-4, P3
22 Return on ES Deferral	17	9	12	16	14	8	191	
23 Merrimack projected RPC insurance proceeds	-	-	-	-	-	(3,200)	(3,200)	
24 2010 Actual ES underrecovery	-	-	-	-	-	-	10,366	
26 Total Energy Service Cost	\$ 36,994	\$ 38,288	\$ 43,891	\$ 37,165	\$ 34,924	\$ 33,584	\$ 454,468	
28 Total Energy Service Revenue	44,709	41,525	36,509	36,119	36,677	40,844	456,176	
30 ES Under/(Over) Recovery	(7,715)	(3,237)	7,381	1,046	(1,753)	(7,260)	(1,708)	
32 Retail MWH Sales	503,355	467,473	410,678	406,290	412,566	459,440	5,194,966	

(1) July includes a credit of \$5.2M for resale of 120,000 tons of coal.

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

PUBLIC SERVICE RATE COMPANY OF NEW HAMPSHIRE
2011 ENERGY SERVICE RATE CALCULATION

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

			Actual								Estimate				Total
			Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	
1															
2	Hydro:	Energy	31.741	24.119	40.788	42.160	43.359	28.186	13.543	20.186	15.922	23.576	32.825	31.697	348.102
3															
4	Coal:	Energy	331.457	326.273	280.045	185.219	76.663	209.390	264.146	155.851	183.490	170.109	170.974	344.472	2,698.089
5		Energy Expense	\$ 14,253	12,069	12,267	7,898	4,584	8,526	6,054	7,157	6,980	6,615	6,654	13,216	106,272
6															
7	Wood:	Energy	30.013	26.223	26.449	0.859	12.252	29.138	30.985	30.698	25.436	27.951	27.050	27.951	295.005
8		Energy Expense	\$ 1,546	1,294	1,350.0	49	390	1,358	1,380	1,398	1,232	1,353	1,310	1,353	14,013
9		Revenue Credit	\$ (749)	(694)	(698)	(327)	50	(737)	(763)	(759)	(871)	(957)	(926)	(957)	(8,389)
10															
11	Nuclear:	Energy	15.523	13.875	15.487	14.959	14.980	14.600	14.687	14.579	14.314	4.906	14.846	15.349	168.104
12		Energy Expense	\$ 688	623	648	668	655	642	643	639	646	221	670	693	7,437
13															
11	IC/Jets	Energy	0.174	0.033	(0.056)	0.080	0.042	(0.047)	0.200	0.041	0.000	0.000	0.000	0.000	0.467
12		Energy Expense	\$ 55	16	5	29	11	1	60	23	-	-	-	-	200
13															
14	Newington:	Energy	43.646	14.348	1.433	0.000	0.000	0.781	25.890	8.731	7.859	0.000	0.000	34.457	137.144
15		Energy Expense	\$ 4,007	1,869	254	95	52	146	2,648	855	441	-	-	2,355	12,722
16															
17	IPP's:	Energy	53.858	35.862	51.296	55.585	48.494	35.174	25.947	24.469	42.349	48.492	51.180	54.130	526.836
18		Energy Expense	\$ 3,853	1,885	2,136	2,432	2,026	1,487	1,502	961	1,624	1,964	2,240	3,023	25,133
19		ICAP	\$ 262	205	205	206	206	94	95	100	100	171	171	171	1,987
20															
21	Peak Purchase:	Energy	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	57.264	54.329	52.632	3.195	167.421
22		Expense	\$ -	-	-	-	-	-	-	-	2,581	2,565	2,643	202	7,992
23															
24	Known Purchases	Energy	55.906	43.997	51.050	86.658	184.299	52.734	41.575	74.549	38.106	39.940	38.877	40.925	748.615
25		Expense	\$ 3,964	4,009	4,466	4,645	10,839	3,732	3,073	4,992	3,143	3,239	3,183	3,291	52,577
26															
27	Offpeak Purchase:	Energy	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	47.717	61.410	55.355	5.272	169.754
28		Expense	\$ 0	0	0	0	0	0	0	0	1,840	2,376	2,312	341	6,869
29															
30	ISO-NE Net	Energy	(42.994)	(28.000)	(9.809)	25.133	31.859	76.918	220.376	165.238	(0.976)	(3.844)	(10.274)	(74.736)	348.891
31		(Credit)	\$ (3,469)	(1,504)	(811)	1,025	1,099	3,249	6,074	6,945	(33)	(147)	(443)	(4,604)	7,381
32															
33	Congestion and Loss Adjustment		\$ 0	0	0	0	0	0	0	0	60	64	102	431	657
34															
35	Total Energy GWH		519.324	456.730	456.683	410.653	411.948	446.874	637.349	494.342	431.479	426.870	433.464	482.712	5,608.429
36	Total Energy Expense	\$	24,410	19,772	19,822	16,720	19,912	18,498	20,766	22,311	17,743	17,465	17,916	19,514	234,850
37															
38															
39	ISO-NE Ancillary	\$	(561)	184	(798)	165	245	245	41	(88)	243	191	195	220	282
40	NH RPS	\$	873	864	869	869	869	901	1,048	901	857	848	861	959	10,719
41	RGGI Costs	\$	567	115	279	202	114	(4)	251	1,067	190	170	171	374	3,496
42															
43	Capacity (sold)/bought MW		262	262	174	174	174	268	268	268	298	279	279	279	2,984
44	Capacity (sold)/bought Cost (\$000)	\$	1,200	1,085	1,049	257	601	962	795	886	1,043	1,001	1,001	1,003	10,884

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2011 ENERGY SERVICE RATE CALCULATION

1 **Forecasted PSNH IPP Market Value - September - December 2011**
2
3

		IPP Energy at					
4	Month	IPP GWh	Mkt Value (\$000)	Capacity MW	ICAP Value \$/kw-mo	ICAP (\$000)	Total (\$000)
5							Total \$/MWh
6	September	42.349	1,624	28.7	3.50	100	1,725
7	October	48.492	1,964	47.6	3.59	171	2,135
8	November	51.180	2,240	47.6	3.59	171	2,411
9	December	54.130	3,023	47.6	3.60	171	3,194
10	Total	196.151	8,852			614	9,465

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2011 ENERGY SERVICE RATE CALCULATION
Fossil / Hydro O&M, Depreciation & Taxes Detail
(Dollars in 000s)

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	January 2011 Actual	February 2011 Actual	March 2011 Actual	April 2011 Actual	May 2011 Actual	June 2011 Actual	July 2011 Actual	August 2011 Actual	September 2011 Estimate	October 2011 Estimate	November 2011 Estimate	December 2011 Estimate	Total
Fossil / Hydro O&M, Depr. & Taxes													
F/H Operation & Maintenance Cost	\$ 6,646	\$ 6,098	\$ 8,025	\$ 12,102	\$ 10,426	\$ 7,022	\$ 7,593	\$ 6,728	\$ 17,311	\$ 10,970	\$ 8,246	\$ 8,051	\$ 109,217
F/H Depreciation Cost	1,812	1,814	1,841	1,839	1,851	1,851	1,851	1,852	1,855	1,856	1,856	1,891	22,169
F/H Property Taxes	666	744	661	862	847	884	847	847	915	915	915	915	10,018
F/H Payroll Taxes	213	182	236	137	165	243	165	154	165	222	146	133	2,161
Amort. of Asset Retirement Obligation	48	48	48	49	49	49	50	50	50	51	51	51	594
Total F/H O&M, Depr. and Taxes	\$ 9,386	\$ 8,886	\$ 10,811	\$ 14,989	\$ 13,338	\$ 10,049	\$ 10,506	\$ 9,631	\$ 20,296	\$ 14,014	\$ 11,214	\$ 11,041	\$ 144,161

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2011 ENERGY SERVICE RATE CALCULATION
FOSSIL/HYDRO RETURN ON RATE BASE
(Dollars in 000s)

	January 2011 Actual	February 2011 Actual	March 2011 Actual	April 2011 Actual	May 2011 Actual	June 2011 Actual	July 2011 Actual	August 2011 Actual	September 2011 Estimate	October 2011 Estimate	November 2011 Estimate	December 2011 Estimate	Total
Return on Rate Base													
Rate base													
Net Plant	301,381	301,381	310,157	310,157	310,157	312,102	312,102	312,102	299,922	300,971	313,246	313,311	
Working Capital Allow. (45 days of O&M)	14,428	14,428	14,428	14,428	14,428	14,428	14,428	14,428	14,428	14,428	14,428	14,428	
Fossil Fuel Inventory	57,962	57,962	41,641	41,641	41,641	48,402	48,402	48,402	46,156	49,221	51,802	59,442	
Materials and Supplies	51,799	51,799	53,325	53,325	53,325	49,058	49,058	49,058	53,318	53,420	53,746	54,589	
Prepayments	2,563	2,563	2,235	2,235	2,235	1,893	1,893	1,893	2,575	2,575	2,575	2,575	
Deferred Taxes	(25,536)	(25,536)	(26,090)	(26,090)	(26,090)	(34,619)	(34,619)	(34,619)	(37,460)	(37,386)	(36,192)	(35,401)	
Other Regulatory Obligations	(12,303)	(12,303)	(15,050)	(15,050)	(15,050)	(8,223)	(8,223)	(8,223)	(9,782)	(10,143)	(10,507)	(11,792)	
Total Rate Base (L15 thru L22)	390,294	390,294	380,646	380,646	380,646	383,041	383,041	383,041	369,157	373,086	389,098	397,152	
Average Rate Base (prev + curr month)	389,285	390,294	385,470	380,646	380,646	381,844	383,041	383,041	376,099	371,122	381,092	393,125	
x Return	0.9339%	0.9339%	0.9339%	0.9411%	0.9411%	0.9411%	0.9322%	0.9322%	0.9322%	0.9322%	0.9322%	0.9322%	
Return (L25 x L26) (1)	\$ 3,636	\$ 3,645	\$ 3,486	\$ 3,582	\$ 3,582	\$ 3,616	\$ 3,571	\$ 3,571	\$ 3,506	\$ 3,459	\$ 3,552	\$ 3,665	\$ 42,871

(1) Line 27 includes quarterly true-up adjustments.

Amounts shown above may not add due to rounding.