

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2011 ENERGY SERVICE RATE CALCULATION
(Dollars in 000's)

1
2
3
4
5
6
7
8
9

10 Summary of Forecasted Energy Service

11 Cost For January 2011 Through December 2011	TOTAL COST	Cents per KWH	Reference
12			
13 Fossil energy costs	\$ 145,689	\$ 2.70	Attachment RAB-2, page 2
14 F/H O&M, depreciation & taxes	152,339	2.83	Attachment RAB-2, page 2
15 Return on rate base	43,187	0.80	Attachment RAB-2, page 2
16 ISO-NE ancillary	6,624	0.12	Attachment RAB-2, page 2
17 Capacity	13,806	0.26	Attachment RAB-2, page 2
18 NH RPS	10,808	0.20	Attachment RAB-2, page 2
19 RGGI costs	3,707	0.07	Attachment RAB-2, page 2
20 Vermont Yankee	7,602	0.14	Attachment RAB-2, page 2
21 IPP costs (1)	28,836	0.54	Attachment RAB-2, page 2
22 Purchases and sales	56,830	1.05	Attachment RAB-2, page 2
23 Return on ES Deferral	(44)	(0.00)	Attachment RAB-2, page 2
24			
25 Total Forecasted Energy Service Cost	\$ 469,384	\$ 8.71	
26			
27 2009 ES Over/Under Recovery	(1,482)	(0.03)	Attachment RAB-3, page 1
28			
29 Net Forecasted Energy Service Cost	\$ 467,902		
30			
31 Forecasted Retail MWH Sales	5,389,252	8.68	
32			
33			
34 Forecasted Energy Service Rate -			
35 cents Per KWH (line 30 / Line 32)	\$ 8.68		

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

	PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE						
	2011 ENERGY SERVICE RATE CALCULATION						
	(Dollars in 000's)						
	January	February	March	April	May	June	
	2011	2011	2011	2011	2011	2011	
	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Reference
10 <u>Energy Service Cost</u>							
11							
12 Fossil energy costs	\$ 14,923	\$ 12,797	\$ 13,189	\$ 11,989	\$ 12,402	\$ 12,742	RAB-2, P3
13 F/H O&M, depreciation & taxes	10,552	9,968	16,291	12,910	10,695	10,863	RAB-2, P5
14 Return on rate base	3,635	3,625	3,568	3,525	3,548	3,595	RAB-2, P6
15 ISO-NE ancillary (inc. Congestion and Loss Adj.)	577	523	497	493	455	797	RAB-2, P3
16 Capacity	1,258	1,258	883	883	883	1,262	RAB-2, P3
17 NH RPS	999	881	899	826	837	870	RAB-2, P3
18 RGGI costs	376	330	333	329	328	322	RAB-2, P3
19 Vermont Yankee	693	649	692	669	683	645	RAB-2, P3
20 IPP costs (1)	2,714	2,725	2,375	2,276	2,262	2,191	RAB-2, P4
21 Purchases and sales	3,846	3,458	3,170	2,584	2,283	3,405	RAB-2, P3
22 Return on ES Deferral	(4)	(8)	(7)	(4)	(5)	(7)	
23							
24 Total Energy Service Cost	\$ 39,568	\$ 36,207	\$ 41,890	\$ 36,480	\$ 34,372	\$ 36,685	
25							
26 Forecasted Retail MWH Sales	498,004	439,104	448,474	411,956	417,173	433,877	
27							
28 Energy Service Cost - cents per kwh	7.95	8.25	9.34	8.86	8.24	8.46	

(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 000's)

	July 2011 Estimate	August 2011 Estimate	September 2011 Estimate	October 2011 Estimate	November 2011 Estimate	December 2011 Estimate	Total	Reference
10 Energy Service Cost								
12 Fossil energy costs	\$ 14,674	\$ 14,276	\$ 9,524	\$ 7,218	\$ 7,799	\$ 14,158	\$ 145,689	RAB-2, P3
13 F/H O&M, depreciation & taxes	11,782	11,498	17,958	18,536	10,501	10,784	152,339	RAB-2, P5
14 Return on rate base	3,619	3,609	3,601	3,591	3,616	3,655	43,187	RAB-2, P6
15 ISO-NE ancillary (inc. Congestion and Loss Adj.)	862	854	662	171	218	515	6,624	RAB-2, P3
16 Capacity	1,262	1,262	1,262	1,198	1,198	1,198	13,806	RAB-2, P3
17 NH RPS	999	990	863	854	847	943	10,808	RAB-2, P3
18 RGGI costs	366	359	246	172	186	361	3,707	RAB-2, P3
19 Vermont Yankee	679	662	646	221	670	693	7,602	RAB-2, P3
20 IPP costs (1)	2,466	2,495	2,190	2,223	2,339	2,578	28,836	RAB-2, P4
21 Purchases and sales	5,129	5,310	6,899	9,274	8,165	3,308	56,830	RAB-2, P3
22 Return on ES Deferral	(9)	(11)	(7)	4	8	5	(44)	
24 Total Energy Service Cost	\$ 41,829	\$ 41,305	\$ 43,846	\$ 43,460	\$ 35,546	\$ 38,198	\$ 469,384	
26 Forecasted Retail MWH Sales	498,164	493,875	430,279	425,701	422,338	470,308	5,389,252	
28 Energy Service Cost - cents per kwh	8.40	8.36	10.19	10.21	8.42	8.12	8.71	

(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
2011 ENERGY SERVICE RATE CALCULATION

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

		Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Total	
2	Hydro:	Energy	31.124	26.488	34.815	39.686	37.382	28.327	22.178	19.888	16.457	23.078	32.32	31.206	342.949
3															
4	Coal:	Energy	342.744	311.136	303.895	309.375	308.955	295.363	323.238	323.238	231.999	162.181	174.785	335.662	3,422.571
5		Energy Expense	\$ 13,258	12,040	11,727	11,964	11,978	11,488	12,482	12,482	8,762	6,380	6,988	12,970	132,519
6															
7	Wood:	Energy	27.951	25.246	27.951	0.827	14.164	25.436	26.283	26.283	25.436	27.951	27.050	27.951	282.529
8		Energy Expense	\$ 1,353	1,222	1,353	40	686	1,232	1,273	1,273	1,232	1,353	1,310	1,353	13,680
9		Revenue Credit	\$ (516)	(466)	(516)	(15)	(261)	(469)	(485)	(485)	(469)	(516)	(499)	(516)	(5,213)
10															
11	Nuclear:	Energy	15.349	14.374	15.334	14.818	15.126	14.285	15.029	14.664	14.314	4.906	14.846	15.349	168.394
12		Energy Expense	\$ 693	649	692	669	683	645	679	662	646	221	670	693	7,602
13															
14	Newington:	Energy	11.160	0.000	9.300	0.000	0.000	7.440	21.080	14.880	0.000	0.000	0.000	4.340	68.200
15		Energy Expense	\$ 827	-	624	-	-	492	1,404	1,006	-	-	-	350	4,703
16															
17	IPP's:	Energy	49.633	49.633	49.633	49.633	49.633	49.633	49.633	49.633	49.633	49.633	49.633	49.633	595.596
18		Energy Expense	\$ 2,495	2,506	2,156	2,057	2,043	2,094	2,369	2,398	2,093	2,062	2,178	2,417	26,868
19		ICAP	\$ 219	219	219	219	219	97	97	97	97	161	161	161	1,968
20															
21	Peak Purchase:	Energy	17.363	12.458	8.756	1.464	1.197	11.917	34.291	27.477	49.336	64.642	57.084	13.149	299.134
22		Expense	\$ 1,015	792	460	77	75	632	1,974	1,625	2,478	3,009	2,837	832	15,806
23															
24	Known Purchases	Energy	41.635	38.048	42.157	39.432	38.287	39.088	34.678	39.478	37.488	37.618	39.432	40.296	467.637
25		Expense	\$ 3,328	3,086	3,464	3,213	3,152	3,249	2,909	3,324	3,111	3,117	3,213	3,258	38,424
26															
27	Offpeak Purchase:	Energy	13.451	7.900	8.951	2.973	5.579	10.031	20.881	22.795	32.684	80.700	60.820	9.127	275.892
28		Expense	\$ 733	436	405	129	222	408	1,002	1,081	1,375	3,157	2,469	496	11,913
29															
30	Surplus Energy Sales	Energy	(23.423)	(20.624)	(26.218)	(22.275)	(28.870)	(22.391)	(20.135)	(15.718)	(2.026)	(0.232)	(9.052)	(29.033)	(219.997)
31		(Credit)	\$ (1,230)	(856)	(1,159)	(835)	(1,166)	(885)	(756)	(720)	(65)	(9)	(354)	(1,278)	(9,313)
32															
33	Congestion and Loss Adjustment		\$ 319	294	248	229	237	219	253	246	86	(25)	38	312	2,456
34															
35	Total Energy GWH		526.987	464.659	474.574	435.933	441.453	459.129	527.156	522.618	455.321	450.477	446.918	497.680	5,702.905
36	Total Energy Expense		\$ 22,495	19,923	19,674	17,747	17,868	19,202	23,200	22,989	19,346	18,910	19,010	21,049	241,413
37															
38															
39	ISO-NE Ancillary		\$ 258	229	249	264	218	578	610	608	576	196	179	203	4,168
40	NH RPS		\$ 999	881	899	826	837	870	999	990	863	854	847	943	10,808
41	RGGI Costs		\$ 376	330	333	329	328	322	366	359	246	172	186	361	3,707
42															
43	Capacity (sold)/bought MW-mo		294	294	206	206	206	373	373	373	373	354	354	354	3,763
44	Capacity (sold)/bought Cost (\$000)		\$ 1,258	1,258	883	883	883	1,262	1,262	1,262	1,262	1,198	1,198	1,198	13,806

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 - January - December 2011**

2	IPP Energy at							
3		IPP	Mkt Value	Capacity	ICAP Value	ICAP	Total	Total
4		GWh	(\$000)	MW	\$/kw-mo	(\$000)	(\$000)	\$/MWh
5	Month							
6	January	49.633	2,495	51.3	4.28	219	2,714	54.69
7	February	49.633	2,506	51.3	4.28	219	2,725	54.91
8	March	49.633	2,156	51.3	4.28	219	2,375	47.86
9	April	49.633	2,057	51.3	4.28	219	2,276	45.87
10	May	49.633	2,043	51.3	4.28	219	2,262	45.58
11	June	49.633	2,094	28.7	3.38	97	2,191	44.14
12	July	49.633	2,369	28.7	3.38	97	2,466	49.68
13	August	49.633	2,398	28.7	3.38	97	2,495	50.27
14	September	49.633	2,093	28.7	3.38	97	2,190	44.12
15	October	49.633	2,062	47.6	3.38	161	2,223	44.79
16	November	49.633	2,178	47.6	3.38	161	2,339	47.12
17	December	49.633	2,417	47.6	3.38	161	2,578	51.94
18	Total	595.596	26,868			1,968	28,836	48.41

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

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19

	January 2011 Estimate	February 2011 Estimate	March 2011 Estimate	April 2011 Estimate	May 2011 Estimate	June 2011 Estimate	July 2011 Estimate	August 2011 Estimate	September 2011 Estimate	October 2011 Estimate	November 2011 Estimate	December 2011 Estimate	Total
<u>Fossil / Hydro O&M, Depr. & Taxes</u>													
F/H Operation & Maintenance Cost	\$ 7,736	\$ 7,138	\$ 13,343	\$ 9,891	\$ 7,695	\$ 7,700	\$ 8,648	\$ 8,477	\$ 14,788	\$ 15,524	\$ 7,521	\$ 7,599	\$ 116,060
F/H Depreciation Cost	1,862	1,862	1,863	1,863	1,870	1,885	1,887	1,889	1,889	1,898	1,902	1,933	22,603
F/H Property Taxes	762	762	762	962	962	962	962	962	962	962	962	962	10,941
F/H Payroll Taxes	191	205	177	195	169	168	286	172	169	153	117	137	2,137
Amort. of Asset Retirement Obligation	-	-	145	-	-	148	-	-	151	-	-	153	597
Total F/H O&M, Depr. and Taxes	\$ 10,552	\$ 9,968	\$ 16,291	\$ 12,910	\$ 10,695	\$ 10,863	\$ 11,782	\$ 11,498	\$ 17,958	\$ 18,536	\$ 10,501	\$ 10,784	\$ 152,339

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 000's)

	January 2011 Estimate	February 2011 Estimate	March 2011 Estimate	April 2011 Estimate	May 2011 Estimate	June 2011 Estimate	July 2011 Estimate	August 2011 Estimate	September 2011 Estimate	October 2011 Estimate	November 2011 Estimate	December 2011 Estimate	Total
Return on Rate Base													
Rate base													
Net Plant	304,337	302,924	301,512	303,316	307,464	306,320	305,437	304,437	306,740	308,994	316,113	315,713	
Working Capital Allow. (45 days of O&M)	14,309	14,309	14,309	14,309	14,309	14,309	14,309	14,309	14,309	14,309	14,309	14,309	
Fossil Fuel Inventory	55,326	54,628	47,108	47,141	47,178	47,216	47,253	47,291	47,321	47,353	47,396	47,446	
Mat'l's and Supplies	55,501	55,552	55,677	55,823	56,037	56,427	56,520	56,635	56,927	57,029	57,355	58,198	
Prepayments	2,428	2,428	2,428	2,428	2,428	2,428	2,428	2,428	2,428	2,428	2,428	2,428	
Deferred Taxes	(17,123)	(15,961)	(16,020)	(15,918)	(14,905)	(18,194)	(17,048)	(15,788)	(17,418)	(20,177)	(19,210)	(17,099)	
Other Regulatory Obligations	(17,551)	(18,844)	(20,337)	(21,549)	(22,778)	(12,567)	(14,034)	(15,487)	(17,158)	(18,411)	(19,653)	(20,936)	
Total Rate Base (L15 thru L22)	397,226	395,035	384,676	385,549	389,732	395,938	394,865	393,824	393,148	391,524	398,736	400,058	
Average Rate Base (prev + curr month)	397,226	396,131	389,856	385,113	387,641	392,835	395,401	394,345	393,486	392,336	395,130	399,397	
x Return	0.9152%	0.9152%	0.9152%	0.9152%	0.9152%	0.9152%	0.9152%	0.9152%	0.9152%	0.9152%	0.9152%	0.9152%	
Return (L25 x L26)	\$ 3,635	\$ 3,625	\$ 3,568	\$ 3,525	\$ 3,548	\$ 3,595	\$ 3,619	\$ 3,609	\$ 3,601	\$ 3,591	\$ 3,616	\$ 3,655	\$ 43,187

Amounts shown above may not add due to rounding.

1	PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE			
2	ENERGY SERVICE RATE CALCULATION			
3	(Dollars in 000's)			
4				
5				
6				
7				
8				
9				
10	Summary of Actual and Forecasted Energy Service			
11	Cost For January 2010 Through December 2010	TOTAL COST	Cents per KWH (2)	Reference
12				
13	Fossil energy costs	\$ 175,892	3.21	Attachment RAB-2, page 2
14	F/H O&M, depreciation & taxes	132,404	2.42	Attachment RAB-2, page 2
15	Return on rate base	41,129	0.75	Attachment RAB-2, page 2
16	ISO-NE ancillary	1,542	0.03	Attachment RAB-2, page 2
17	Capacity	14,179	0.26	Attachment RAB-2, page 2
18	NH RPS	9,256	0.17	Attachment RAB-2, page 2
19	RGGI costs	5,339	0.10	Attachment RAB-2, page 2
20	Vermont Yankee	6,990	0.13	Attachment RAB-2, page 2
21	IPP costs (1)	26,973	0.49	Attachment RAB-2, page 2
22	Purchases and sales	81,281	1.48	Attachment RAB-2, page 2
23	Return on ES Deferral	358	0.01	Attachment RAB-2, page 2
24	Merrimack projected O&M insurance proceeds	(6,500)	(0.12)	Attachment RAB-2, page 2
25	Merrimack projected RPC insurance proceeds	(8,700)	(0.16)	Attachment RAB-2, page 2
26	2009 Actual ES under/(over) recovery	4,442	0.08	Attachment RAB-2, page 2
27				
28	Total Updated Energy Service Cost	\$ 484,585	8.84	
29	Total Updated Revenue at 8.96 cents per kwh	486,067		
30	Energy Service (Over)/Under Recovery	(1,482)		
31				

Amounts shown above may not add due to rounding.

	PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE						
	ENERGY SERVICE RATE CALCULATION						
	(Dollars in 000's)						
	January	February	March	April	May	June	
	2010	2010	2010	2010	2010	2010	
	Actual	Actual	Actual	Actual	Actual	Actual	Reference
10 Energy Service Cost							
11							
12 Fossil energy costs	\$ 17,238	\$ 16,427	\$ 16,133	\$ 11,963	\$ 12,131	\$ 15,568	RAB-2, P3
13 F/H O&M, depreciation & taxes	10,525	9,974	10,983	12,916	12,943	13,037	RAB-2, P5
14 Return on rate base	3,514	3,513	3,206	3,343	3,343	3,427	RAB-2, P6
15 ISO-NE ancillary (inc. Congestion and Loss Adj.)	(591)	124	154	(142)	109	(79)	RAB-2, P3
16 Capacity	2,290	1,673	1,779	1,086	1,264	1,092	RAB-2, P3
17 NH RPS	994	994	994	994	994	(609)	RAB-2, P3
18 RGGI costs	550	528	538	493	466	523	RAB-2, P3
19 Vermont Yankee	646	563	655	485	46	636	RAB-2, P3
20 IPP costs (1)	3,743	2,244	2,089	2,315	2,340	2,146	RAB-2, P4
21 Purchases and sales	9,062	5,537	4,264	6,501	8,400	5,528	RAB-2, P3
22 Return on ES Deferral	15	18	22	26	32	38	
23 Merrimack projected O&M insurance proceeds	-	-	-	-	-	-	
24 Merrimack projected RPC insurance proceeds	-	-	-	-	-	-	
25 2009 Actual ES under/(over) recovery	4,442	-	-	-	-	-	
26							
27 Total Energy Service Cost Re-estimate	\$ 52,428	\$ 41,595	\$ 40,817	\$ 39,980	\$ 42,068	\$ 41,307	
28							
29 Total Energy Service Revenue	47,803	39,681	39,333	34,987	37,497	40,506	
30							
31 ES Under/(Over) Recovery	4,625	1,914	1,484	4,993	4,571	801	
32							
33 Retail MWH Sales	533,440	442,851	438,928	390,467	418,512	452,042	
34							
35 Energy Service Cost - cents per kwh	9.83	9.39	9.30	10.24	10.05	9.14	

(1) January 2010 IPP costs include \$305k of ES true-up to actual.

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2010 ENERGY SERVICE RATE CALCULATION
(Dollars in 000's)

	July 2010 Actual	August 2010 Actual	September 2010 Re-Estimate	October 2010 Re-Estimate	November 2010 Re-Estimate	December 2010 Re-Estimate	Total	Reference
Energy Service Cost								
Fossil energy costs	\$ 18,394	\$ 16,605	\$ 12,283	\$ 8,150	\$ 15,016	\$ 15,984	\$ 175,892	RAB-2, P3
F/H O&M, depreciation & taxes	10,988	10,453	13,810	9,037	8,615	9,122	132,404	RAB-2, P5
Return on rate base	3,511	3,511	3,438	3,361	3,424	3,538	41,129	RAB-2, P6
ISO-NE ancillary (inc. Congestion and Loss Adj.)	162	460	526	108	342	369	1,542	RAB-2, P3
Capacity	366	801	923	843	843	1,218	14,179	RAB-2, P3
NH RPS	828	828	798	786	779	875	9,256	RAB-2, P3
RGGI costs	578	550	264	176	328	346	5,339	RAB-2, P3
Vermont Yankee	634	653	624	663	648	670	6,990	RAB-2, P3
IPP costs	2,133	1,610	1,474	1,843	2,287	2,747	26,973	RAB-2, P4
Purchases and sales	9,113	7,608	7,921	9,991	3,071	4,284	81,281	RAB-2, P3
Return on ES Deferral	37	35	38	40	37	21	358	
Merrimack projected O&M insurance proceeds	-	-	-	-	-	(6,500)	(6,500)	
Merrimack projected RPC insurance proceeds	-	-	-	-	-	(8,700)	(8,700)	
2009 Actual ES under/(over) recovery	-	-	-	-	-	-	4,442	
Total Energy Service Cost Re-estimate	\$ 46,744	\$ 43,114	\$ 42,099	\$ 34,999	\$ 35,390	\$ 23,975	\$ 484,585	
Total Energy Service Revenue at 8.78	\$ 48,875	\$ 43,978	\$ 37,812	\$ 37,242	\$ 36,906	\$ 41,447	\$ 486,067	
ES Under/(Over) Recovery	\$ (2,131)	\$ (864)	\$ 4,287	\$ (2,243)	\$ (1,515)	\$ (17,473)	\$ (1,482)	
Retail MWH Sales	556,540	501,151	430,666	424,165	420,336	472,067	5,481,165	
Energy Service Cost - cents per kwh	8.40	8.60	9.78	8.25	8.42	5.08	8.84	

Amounts shown above may not add due to rounding.

PUBLIC SERVICE RATE COMPANY OF NEW HAMPSHIRE
ENERGY SERVICE RATE CALCULATION

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

			Sep-10	Oct-10	Nov-10	Dec-10	Total
2	Hydro:	Energy	16.457	23.078	32.320	31.206	103.061
3							
4	Coal:	Energy	267.834	178.355	333.690	344.813	1,124.692
5		Energy Expense	\$ 11,478	7,266	14,160	14,631	47,535
6							
7	Wood:	Energy	25.435	27.951	27.050	27.951	108.387
8		Energy Expense	\$ 1,263	1,388	1,343	1,388	5,380
9		Revenue Credit	\$ (458)	(503)	(487)	(503)	(1,951)
10							
11	Nuclear:	Energy	14.314	15.207	14.846	15.349	59.716
12		Energy Expense	\$ 624	663	648	670	2,605
13							
14	Newington:	Energy	0.000	0.000	0.000	6.400	6.400
15		Energy Expense	\$ -	-	-	469	469
16							
17	IPP's:	Energy	33.454	42.086	51.937	56.294	183.771
18		Energy Expense	\$ 1,334	1,624	2,068	2,528	7,554
19		ICAP	\$ 140	219	219	219	799
20							
21	Peak Purchase:	Energy	38.546	44.063	0.000	1.714	84.323
22		Expense	\$ 1,846	1,966	-	111	3,923
23							
24	Known Purchases	Energy	78.206	79.133	80.150	86.612	324.101
25		Expense	\$ 6,493	6,546	6,595	7,159	26,793
26							
27	Offpeak Purchase:	Energy	20.394	56.541	0.583	3.271	80.789
28		Expense	\$ 789	2,109	28	174	3,100
29							
30	Surplus Energy Sales	Energy	(38.909)	(17.562)	(95.777)	(74.069)	(226.317)
31		(Credit)	\$ (1,207)	(630)	(3,552)	(3,160)	(8,548)
32							
33	Congestion and Loss Adjustment		\$ (54)	(155)	122	124	38
34							
35	Total Energy GWH		455.731	448.852	444.799	499.541	1,848.923
36	Total Energy Expense	\$	22,249	20,493	21,145	23,810	87,696
37							
38							
39	ISO-NE Ancillary	\$	580	262	220	245	1,307
40	NH RPS	\$	798	786	779	875	3,239
41	RGGI Costs	\$	264	176	328	346	1,113
42							
43	Capacity (sold)/bought MW-mo		216	197	197	285	894
44	Capacity (sold)/bought Cost (\$000)	\$	923	843	843	1,218	3,828

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
ENERGY SERVICE RATE CALCULATION

1 **Forecasted PSNH IPP Market Value - September - December 2010**

2							
3		IPP Energy at					
4		IPP	Mkt Value	Capacity	ICAP Value	ICAP	Total
5	Month	GWh	(\$000)	MW	\$/kw-mo	(\$000)	(\$000) \$/MWh
6	September	33.454	1,334	32.8	4.28	140	1,474 44.07
7	October	42.086	1,624	51.3	4.28	219	1,843 43.80
8	November	51.937	2,068	51.3	4.28	219	2,287 44.04
9	December	56.294	2,528	51.3	4.28	219	2,747 48.81
10	Total	183.771	7,554			799	8,353 45.45

Amounts shown above may not add due to rounding.

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

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19

	January 2010 Actual	February 2010 Actual	March 2010 Actual	April 2010 Actual	May 2010 Actual	June 2010 Actual	July 2010 Actual	August 2010 Actual	September 2010 Estimate	October 2010 Estimate	November 2010 Estimate	December 2010 Estimate	Total
Fossil / Hydro O&M, Depr. & Taxes													
F/H Operation & Maintenance Cost	\$ 7,812	\$ 7,297	\$ 8,200	\$ 10,262	\$ 10,218	\$ 10,314	\$ 8,130	\$ 7,690	\$ 11,011	\$ 6,368	\$ 5,980	\$ 6,311	\$ 99,594
F/H Depreciation Cost	1,752	1,750	1,753	1,748	1,748	1,765	1,799	1,811	1,792	1,797	1,794	1,831	21,340
F/H Property Taxes	720	720	773	687	795	751	751	751	723	723	723	723	8,840
F/H Payroll Taxes	205	171	194	173	136	161	262	155	168	149	118	139	2,031
Amort. of Asset Retirement Obligation	36	36	63	46	46	46	46	46	116	-	-	118	599
Total F/H O&M, Depr. and Taxes	\$ 10,525	\$ 9,974	\$ 10,983	\$ 12,916	\$ 12,943	\$ 13,037	\$ 10,988	\$ 10,453	\$ 13,810	\$ 9,037	\$ 8,615	\$ 9,122	\$ 132,404

Amounts shown above may not add due to rounding.

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

	January 2010	February 2010	March 2010	April 2010	May 2010	June 2010	July 2010	August 2010	September 2010	October 2010	November 2010	December 2010	Total
Return on Rate Base	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estimate	Estimate	Estimate	Estimate	
Rate base													
Net Plant	283,340	283,340	277,517	277,517	277,517	295,754	295,754	295,754	281,702	281,655	295,480	304,837	
Working Capital Allow. (45 days of O&M)	12,543	12,543	12,543	12,543	12,543	12,543	12,543	12,543	12,605	12,605	12,605	12,605	
Fossil Fuel Inventory	81,748	81,748	65,480	65,480	65,480	55,298	55,298	55,298	55,000	55,000	55,000	55,000	
Mat'l's and Supplies	53,616	53,616	53,762	53,762	53,762	48,299	48,299	48,299	48,000	48,000	48,000	48,000	
Prepayments	2,428	2,428	2,292	2,292	2,292	1,755	1,755	1,755	1,789	1,789	1,789	1,789	
Deferred Taxes	(20,454)	(20,454)	(18,780)	(18,780)	(18,780)	(21,295)	(21,295)	(21,295)	(20,487)	(20,105)	(18,856)	(16,535)	
Other Regulatory Obligations	(12,409)	(12,409)	(15,521)	(15,521)	(15,521)	(8,696)	(8,696)	(8,696)	(11,055)	(11,946)	(12,846)	(13,643)	
Total Rate Base (L15 thru L22)	400,812	400,812	377,293	377,293	377,293	383,658	383,658	383,658	367,554	366,998	381,172	392,053	
Average Rate Base (prev + curr month)	400,924	400,812	389,053	377,293	377,293	380,476	383,658	383,658	375,606	367,276	374,085	386,613	
x Return	0.8765%	0.8765%	0.8765%	0.8860%	0.8860%	0.8860%	0.9152%	0.9152%	0.9152%	0.9152%	0.9152%	0.9152%	
Return (L25 x L26)	\$ 3,514	\$ 3,513	\$ 3,206	\$ 3,343	\$ 3,343	\$ 3,427	\$ 3,511	\$ 3,511	\$ 3,438	\$ 3,361	\$ 3,424	\$ 3,538	\$ 41,129

Amounts shown above may not add due to rounding.