PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2017 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

Line	Summary of Forecasted Energy Service Cost For January 2017 Through December 2017		TOTAL COST		Cents per KWH	Reference
12	Fossil energy costs	$	45,183	$	1.34	Attachment CJG-2, page 2
13	F/H O&M, depreciation & taxes		116,330		3.44	Attachment CJG-2, page 2
14	Return on rate base		42,450		1.26	Attachment CJG-2, page 2
15	ISO-NE ancillary		2,097		0.06	Attachment CJG-2, page 2
16	Capacity		(21,179)		(0.63)	Attachment CJG-2, page 2
17	NH RPS		27,765		0.82	Attachment CJG-2, page 2
18	RGGI costs		1,679		0.05	Attachment CJG-2, page 2
19	IPP costs (1)		11,961		0.35	Attachment CJG-2, page 2
20	Burgess BioPower		38,452		1.14	Attachment CJG-2, page 2
21	Purchases and sales		46,549		1.38	Attachment CJG-2, page 2
22	Return on ES Deferral		159		0.00	Attachment CJG-2, page 2
24	Total Forecasted Energy Service Cost	$	311,446	$	9.22	
26	2016 ES Over/Under Recovery		7,681		0.23	Attachment CJG-3, page 1
28	Net Forecasted Energy Service Cost	$	319,128			
30	Forecasted Retail MWH Sales		3,377,146		9.45	
33	Forecasted Energy Service Rate -					
34	cents Per KWH (line 28 / Line 30)		9.45			
36	Plus Scrubber ES Rate cents per kwh per DE 11-250		1.72			
38	Total Energy Service Rate - cents per kwh		11.17			

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

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2017 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

Energy Service Cost	January 2017 Estimate	February 2017 Estimate	March 2017 Estimate	April 2017 Estimate	May 2017 Estimate	June 2017 Estimate	Reference
Fossil energy costs	$ 12,876	$ 15,338	$ 3,404	$ 260	$ 1,116	$ 1,576	CJG-2, P3
F/H O&M, depreciation & taxes	8,365	8,046	11,512	11,203	8,085	9,369	CJG-2, P5
Return on rate base	3,688	3,625	3,530	3,481	3,467	3,518	CJG-2, P6
ISO-NE ancillary	111	24	252	189	187	200	CJG-2, P3
Capacity	(684)	(836)	(796)	(1,003)	(1,125)	(2,428)	CJG-2, P3
NH RPS	2,788	2,379	2,514	2,053	1,994	2,164	CJG-2, P3
RGGI costs	607	739	120	-	-	17	CJG-2, P3
IPP costs (1)	1,776	1,424	1,068	974	732	839	CJG-2, P4
Burgess BioPower	3,433	3,128	3,433	2,314	3,433	3,332	CJG-2, P3
Purchases and sales (inc. Congestion and Loss Adj.)	(2,703)	(7,598)	6,377	5,480	3,726	4,538	CJG-2, P3
Return on ES Deferral	12	11	13	17	18	16	
Total Energy Service Cost	$ 30,269	$ 26,280	$ 31,426	$ 24,968	$ 21,635	$ 23,140	
Forecasted Retail MWH Sales	339,064	289,386	305,731	249,691	242,530	263,189	
Energy Service Cost - cents per kwh	8.93	9.08	10.28	10.00	8.92	8.79	

(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 D/B/A EVERSOURCE ENERGY
2017 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

Energy Service Cost	July 2017 Estimate	August 2017 Estimate	September 2017 Estimate	October 2017 Estimate	November 2017 Estimate	December 2017 Estimate	Total	Reference
Fossil energy costs	$ 1,436	$ 1,116	$ 1,285	$ 1,116	$ 1,080	$ 4,579	$ 45,183	CJG-2, P3
F/H O&M, depreciation & taxes	9,407	9,045	11,222	11,287	9,793	8,996	116,330	CJG-2, P5
Return on rate base	3,569	3,563	3,544	3,516	3,487	3,463	42,450	CJG-2, P6
ISO-NE ancillary	266	262	181	181	182	62	2,097	CJG-2, P3
Capacity	(2,158)	(2,181)	(2,569)	(2,899)	(2,460)	(2,041)	(21,179)	CJG-2, P3
NH RPS	2,551	2,528	2,053	1,974	2,127	2,642	27,765	CJG-2, P3
RGGI costs	10	-	7	-	-	180	1,679	CJG-2, P3
IPP costs (1)	951	752	584	761	854	1,247	11,961	CJG-2, P4
Burgess BioPower	3,433	3,433	3,332	2,415	3,332	3,433	38,452	CJG-2, P3
Purchases and sales (inc. Congestion and Loss Adj.)	8,200	7,728	4,586	4,712	5,506	5,996	46,549	CJG-2, P3
Return on ES Deferral	14	11	10	12	12	11	159	
Total Energy Service Cost	$ 27,679	$ 26,257	$ 24,236	$ 23,076	$ 23,913	$ 28,568	$ 311,446	
Forecasted Retail MWH Sales	310,271	307,451	249,701	240,075	258,745	321,312	3,377,146	
Energy Service Cost - cents per kwh	8.92	8.54	9.71	9.61	9.24	8.89		

(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 D/B/A EVERSOURCE ENERGY
2017 ENERGY SERVICE RATE CALCULATION

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

			Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total
Hydro	Energy		32.015	26.623	34.820	39.777	37.620	30.127	24.247	19.277	15.416	23.465	30.894	32.142	346.422
Coal	Energy		263.417	322.596	50.713	0.000	0.000	2.478	1.239	0.000	1.239	0.000	0.000	75.938	717.621
	Energy Expense	$	11,760	14,330	2,287	0	0	138	71	0	71	0	0	3,462	32,119
Wood	Energy		28.473	25.717	28.473	6.621	28.473	27.554	28.473	28.473	27.554	28.473	27.554	28.473	314.312
	Energy Expense	$	1,694	1,530	1,694	394	1,694	1,639	1,694	1,694	1,639	1,694	1,639	1,694	18,702
	Revenue Credit	$	(578)	(522)	(578)	(134)	(578)	(559)	(578)	(578)	(559)	(578)	(559)	(578)	(6,378)
Newington	Energy		0.000	0.000	0.000	0.000	0.000	6.080	3.800	0.000	1.900	0.000	0.000	0.000	11.780
	Energy Expense	$	0	0	0	0	0	358	249	0	134	0	0	0	740
IPPs	Energy		26.356	20.402	23.690	29.414	24.644	24.781	24.068	19.593	16.662	20.046	20.302	23.222	273.178
	Energy Expense	$	1,701	1,348	993	899	657	689	802	603	428	543	637	1,030	10,328
	ICAP	$	76	76	75	75	74	150	149	149	156	218	217	217	1,633
Burgess BioPower	Energy		44.696	40.370	44.696	28.836	44.696	43.254	44.696	44.696	43.254	30.278	43.254	44.696	497.421
	Expense	$	3,156	2,850	3,156	2,036	3,156	3,054	3,156	3,156	3,054	2,138	3,054	3,156	35,118
	ICAP	$	278	278	278	278	278	278	278	278	278	278	278	278	3,334
Contract Purchases	Energy		7.563	5.914	6.289	5.642	4.549	4.037	3.195	2.740	3.332	5.212	6.829	5.757	61.059
	Expense	$	439	352	330	296	239	212	168	144	175	274	359	302	3,289
	ICAP	$	17	17	17	17	17	16	16	16	17	44	44	44	280
Energy Purchases	Energy		47.100	0.000	151.262	155.339	118.029	141.677	200.357	212.297	156.282	147.926	146.427	152.988	1,629.684
	Expense	$	2,338	0	6,607	5,133	3,425	4,267	7,970	7,544	4,376	4,372	5,054	6,711	57,797
Energy Sales	Energy		(88.913)	(133.766)	(14.696)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(21.393)	(258.768)
	(Credit)	$	(6,142)	(8,712)	(724)	0	0	0	0	0	0	0	0	(1,244)	(16,823)
Congestion and Loss Adjustment		$	644	746	147	34	46	44	46	24	18	23	50	183	2,006
Total Energy GWH			360.706	307.858	325.246	265.629	258.011	279.988	330.075	327.076	265.640	255.399	275.260	341.822	3,592.709
Total Energy Expense		$	15,383	12,292	14,282	9,028	9,007	10,284	14,021	13,030	9,787	9,005	10,772	15,255	142,145
ISO-NE Ancillary		$	111	24	252	189	187	200	266	262	181	181	182	62	2,097
NH RPS		$	2,788	2,379	2,514	2,053	1,994	2,164	2,551	2,528	2,053	1,974	2,127	2,642	27,765
RGGI Costs		$	607	739	120	0	0	17	10	0	7	0	0	180	1,679
Capacity (sold)/bought MW-mo			(245)	(301)	(288)	(365)	(412)	(368)	(328)	(333)	(374)	(423)	(360)	(299)	(4,097)
Capacity (sold)/bought Cost ($000)		$	(684)	(836)	(796)	(1,003)	(1,125)	(2,428)	(2,158)	(2,181)	(2,569)	(2,899)	(2,460)	(2,041)	(21,179)

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2017 ENERGY SERVICE RATE CALCULATION

1 **Forecasted PSNH IPP Market Value - January - December 2017**

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3–5	Month	IPP GWh	IPP Energy at Mkt Value ($000)	Capacity MW	ICAP Value $/kw-mo	ICAP ($000)	Total ($000)	Total $/MWh
6	January	26.356	1,701	27.3	2.79	76	1,776	67.40
7	February	20.402	1,348	27.3	2.78	76	1,424	69.78
8	March	23.690	993	27.3	2.76	75	1,068	45.09
9	April	29.414	899	27.3	2.75	75	974	33.11
10	May	24.644	657	27.3	2.73	74	732	29.69
11	June	24.781	689	22.7	6.59	150	839	33.85
12	July	24.068	802	22.7	6.57	149	951	39.53
13	August	19.593	603	22.7	6.56	149	752	38.38
14	September	16.662	428	22.7	6.86	156	584	35.04
15	October	20.046	543	31.8	6.85	218	761	37.96
16	November	20.302	637	31.8	6.83	217	854	42.05
17	December	23.222	1,030	31.8	6.83	217	1,247	53.70
18	Total	273.178	10,328			1,633	11,961	43.79

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2017 ENERGY SERVICE RATE CALCULATION
FOSSIL / HYDRO O&M, DEPRECIATION & TAXES DETAIL
(Dollars in 000s)

Fossil / Hydro O&M, Depr. & Taxes	January 2017 Estimate	February 2017 Estimate	March 2017 Estimate	April 2017 Estimate	May 2017 Estimate	June 2017 Estimate	July 2017 Estimate	August 2017 Estimate	September 2017 Estimate	October 2017 Estimate	November 2017 Estimate	December 2017 Estimate	Total
F/H Operation & Maintenance Cost	$ 5,401	$ 5,040	$ 8,505	$ 7,749	$ 4,740	$ 6,009	$ 6,056	$ 5,702	$ 7,956	$ 7,830	$ 6,455	$ 5,644	$ 77,087
F/H Depreciation Cost	1,940	1,940	1,940	1,940	1,935	1,937	1,937	1,934	1,927	1,926	1,926	1,926	23,206
F/H Property Taxes	757	757	757	1,165	1,165	1,165	1,165	1,165	1,165	1,165	1,165	1,165	12,756
F/H Payroll and Other Taxes	210	251	252	290	186	199	188	182	114	303	184	199	2,558
Amort. of Asset Retirement Obligation	58	58	58	60	60	60	61	61	61	62	62	62	723
Total F/H O&M, Depr. and Taxes	$ 8,365	$ 8,046	$ 11,512	$ 11,203	$ 8,085	$ 9,369	$ 9,407	$ 9,045	$ 11,222	$ 11,287	$ 9,793	$ 8,996	$ 116,330

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2017 ENERGY SERVICE RATE CALCULATION
FOSSIL/HYDRO RETURN ON RATE BASE
(Dollars in 000s)

Line	Return on Rate Base	January 2017 Estimate	February 2017 Estimate	March 2017 Estimate	April 2017 Estimate	May 2017 Estimate	June 2017 Estimate	July 2017 Estimate	August 2017 Estimate	September 2017 Estimate	October 2017 Estimate	November 2017 Estimate	December 2017 Estimate	Total
12														
13														
14	Rate base													
15	Net Plant	295,754	294,268	292,815	291,375	290,894	289,411	289,550	288,070	286,598	285,125	283,472	281,819	
16														
17	Working Capital Allow. (45 days of O&M)	9,831	9,831	9,831	9,831	9,831	9,831	9,831	9,831	9,831	9,831	9,831	9,831	
18	Fossil Fuel Inventory	90,942	82,212	77,290	77,290	78,274	80,243	82,212	84,181	84,181	84,181	84,181	84,181	
19	Mat'ls and Supplies	57,603	57,603	57,603	57,603	57,603	57,603	57,603	57,603	57,603	57,603	57,603	57,603	
20	Prepayments	1,741	1,741	1,741	1,741	1,741	1,741	1,741	1,741	1,741	1,741	1,741	1,741	
21	Deferred Taxes	(36,880)	(36,639)	(35,697)	(34,597)	(33,138)	(36,871)	(36,348)	(35,163)	(35,107)	(34,586)	(33,719)	(32,060)	
22	Other Regulatory Obligations	(26,452)	(29,078)	(31,327)	(33,629)	(35,871)	(21,629)	(24,429)	(27,207)	(28,573)	(30,797)	(33,175)	(35,132)	
23	Total Rate Base (L15 thru L22)	392,539	379,939	372,255	369,613	369,335	380,330	380,160	379,056	376,274	373,098	369,934	367,984	
24														
25	Average Rate Base (prev + curr month)	392,939	386,239	376,097	370,934	369,474	374,832	380,245	379,608	377,665	374,686	371,516	368,959	
26	x Return	0.9385%	0.9385%	0.9385%	0.9385%	0.9385%	0.9385%	0.9385%	0.9385%	0.9385%	0.9385%	0.9385%	0.9385%	
27	Return (L25 x L26)	$ 3,688	$ 3,625	$ 3,530	$ 3,481	$ 3,467	$ 3,518	$ 3,569	$ 3,563	$ 3,544	$ 3,516	$ 3,487	$ 3,463	$ 42,450

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2016 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

Line	Summary of Forecasted Energy Service Cost For January 2016 Through December 2016	TOTAL COST	Cents per KWH	Reference
10				
11	Fossil energy costs	$ 35,540	$ 1.00	Attachment CJG-4, page 2
12	F/H O&M, depreciation & taxes	114,234	$ 3.22	Attachment CJG-4, page 2
13	Return on rate base	44,287	$ 1.25	Attachment CJG-4, page 2
14	ISO-NE ancillary	(439)	$ (0.01)	Attachment CJG-4, page 2
15	Capacity	(9,900)	$ (0.28)	Attachment CJG-4, page 2
16	NH RPS	14,006	$ 0.40	Attachment CJG-4, page 2
17	Seabrook costs / (credits)	(182)	$ (0.01)	Attachment CJG-4, page 2
18	Vermont Yankee	(57)	$ (0.00)	Attachment CJG-4, page 2
19	RGGI costs	913	$ 0.03	Attachment CJG-4, page 2
20	IPP costs (*)	7,442	$ 0.21	Attachment CJG-4, page 2
21	Burgess BioPower	40,052	$ 1.13	Attachment CJG-4, page 2
22	Purchases and sales	66,453	$ 1.88	Attachment CJG-4, page 2
23	Return on ES Deferral	191	$ 0.01	Attachment CJG-4, page 2
24	2015 Actual ES under recovery	5,937		
25				
26	Total Updated Energy Service Cost	$ 318,476		
27	Total Updated Revenue	310,795		
28	2016 ES (Over)/Under Recovery	7,681		

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

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2016 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

Energy Service Cost	January 2016 Actual	February 2016 Actual	March 2016 Actual	April 2016 Actual	May 2016 Actual	June 2016 Actual	Reference
Fossil energy costs	$ 5,104	$ 4,505	$ 1,670	$ 1,661	$ 1,123	$ 1,354	CJG-4, P3
F/H O&M, depreciation & taxes	8,978	8,490	9,724	12,664	8,883	9,325	CJG-4, P5
Return on rate base	3,527	3,661	3,649	3,680	3,703	3,701	CJG-4, P6
ISO-NE ancillary	331	506	389	300	(973)	(50)	CJG-4, P3
Capacity	(610)	(668)	(674)	(714)	(890)	(915)	CJG-4, P3
NH RPS	1,011	(1,719)	1,023	1,279	1,025	1,848	CJG-4, P3
Seabrook costs / (credits)	-	-	-	(182)	-	-	
Vermont Yankee	(8)	(6)	(4)	(26)	(6)	(12)	
RGGI costs	128	226	31	29	6	6	CJG-4, P3
IPP costs (*)	992	727	567	773	542	380	CJG-4, P3
Burgess BioPower	3,934	2,913	3,690	2,137	3,765	3,464	CJG-4, P3
Purchases and sales (inc. Congestion and Loss Adj.)	6,666	5,234	4,782	6,000	4,133	5,190	CJG-4, P3
Return on ES Deferral	11	10	8	13	19	21	
2015 Actual ES under recovery	5,937						
Total Energy Service Cost	$ 36,001	$ 23,878	$ 24,854	$ 27,615	$ 21,329	$ 24,313	
Total Energy Service Revenue at 8.27 cents/kwh	$ 28,880	$ 26,813	$ 24,512	$ 21,135	$ 20,966	$ 22,760	
ES Under/(Over) Recovery	7,121	(2,935)	342	6,480	364	1,552	
Forecasted Retail MWH Sales	348,059	311,831	296,997	255,963	253,951	275,848	
Energy Service Cost - cents per kwh	10.34	7.66	8.37	10.79	8.40	8.81	

(*) 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 D/B/A EVERSOURCE ENERGY
2016 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

Energy Service Cost	July 2016 Actual	August 2016 Actual	September 2016 Actual	October 2016 Actual	November 2016 Estimate	December 2016 Estimate	Total	Reference
Fossil energy costs	$ 7,337	$ 4,386	$ 1,993	$ 1,409	$ 918	$ 4,080	$ 35,540	CJG-4, P3
F/H O&M, depreciation & taxes	9,462	9,614	10,445	12,629	5,333	8,687	114,234	CJG-4, P5
Return on rate base	3,787	3,803	3,660	3,716	3,709	3,693	44,287	CJG-4, P6
ISO-NE ancillary	10	(1,215)	122	80	93	(33)	(439)	CJG-4, P3
Capacity	(898)	(894)	(1,095)	(708)	(991)	(843)	(9,900)	CJG-4, P3
NH RPS	1,023	1,023	1,007	1,025	2,469	2,993	14,006	CJG-4, P3
Seabrook costs / (credits)	-	-	-	-	-	-	(182)	
Vermont Yankee	(3)	2	3	4	-	-	(57)	
RGGI costs	169	133	20	1	-	164	913	CJG-4, P3
IPP costs (*)	495	529	446	423	575	993	7,442	CJG-4, P3
Burgess BioPower	3,401	3,765	3,637	2,688	3,280	3,380	40,052	CJG-4, P3
Purchases and sales (inc. Congestion and Loss Adj.)	6,044	7,196	6,225	4,551	4,731	5,701	66,453	CJG-4, P3
Return on ES Deferral	22	18	15	20	20	14	191	
2015 Actual ES under recovery							5,937	
Total Energy Service Cost	$ 30,848	$ 28,360	$ 26,477	$ 25,837	$ 20,136	$ 28,827	$ 318,476	
Total Energy Service Revenue at 9.23 cents/kwh	$ 30,822	$ 33,426	$ 24,912	$ 21,506	$ 24,889	$ 30,172	$ 310,795	
ES Under/(Over) Recovery	26	(5,067)	1,565	4,331	(4,753)	(1,344)	$ 7,681	
Forecasted Retail MWH Sales	346,512	352,377	270,580	234,355	269,656	326,887	3,543,015	
Energy Service Cost - cents per kwh	8.90	8.05	9.79	11.02	7.47	8.82	8.99	

(*) 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 D/B/A EVERSOURCE ENERGY
2016 ENERGY SERVICE RATE CALCULATION

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

			Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Total
Hydro:	Energy		39.496	37.401	43.267	37.784	31.558	15.075	12.077	8.557	4.860	8.282	30.894	32.142	301.392
Coal:	Energy		81.695	65.146	1.642	3.419	(2.980)	(1.041)	59.214	48.881	5.167	(1.313)	0.000	70.901	330.731
	Energy Expense	$	4,037	3,449	696	972	328	206	2,875	2,671	876	603	0	3,131	19,845
Wood:	Energy		30.454	27.873	22.963	(0.497)	26.340	30.012	30.725	30.613	23.273	30.862	27.554	28.473	308.646
	Energy Expense	$	1,793	1,779	1,492	440	1,406	1,553	1,461	1,465	1,367	1,496	1,605	1,658	17,516
	Revenue Credit	$	(917)	(857)	(743)	(210)	(821)	(906)	739	(920)	(750)	(926)	(687)	(710)	(7,706)
IC/Jets	Energy		0.272	(0.063)	0.224	0.030	0.095	0.200	0.161	0.348	0.112	0.008	0.000	0.000	1.387
	Energy Expense	$	88	5	70	17	39	66	25	104	41	13	0	0	468
Newington:	Energy		(0.782)	0.883	(1.186)	4.725	(1.279)	3.822	21.547	12.332	3.076	(0.904)	0.000	0.000	42.233
	Energy Expense	$	102	128	154	442	171	434	2,238	1,065	458	223	0	0	5,416
IPP's:	Energy		26.379	23.864	26.071	24.688	19.299	14.598	14.659	13.155	13.728	15.572	20.303	23.217	235.532
	Energy Expense	$	898	635	476	709	477	333	449	483	404	371	499	917	6,650
	ICAP	$	94	92	91	64	65	48	46	46	41	53	77	76	791
Burgess BioPower	Energy		50.196	36.175	46.847	25.470	47.773	43.658	45.037	50.287	48.449	34.748	43.254	44.696	516.588
	Expense	$	3,656	2,635	3,412	1,859	3,487	3,186	3,123	3,487	3,359	2,410	3,002	3,102	36,718
	ICAP	$	278	278	278	278	278	278	278	278	278	278	278	278	3,334
Contract Purchases	Energy		8.083	7.568	7.062	4.909	4.300	4.744	3.888	40.502	4.071	31.618	23.629	39.357	179.731
	Expense	$	569	534	567	488	587	735	470	1,875	535	1,372	1,005	1,621	10,358
	ICAP	$	25	26	26	26	79	12	12	12	11	25	17	17	289
Energy Purchases	Energy		201.476	190.616	212.064	220.884	184.714	208.989	229.952	208.507	213.163	171.492	141.233	135.895	2,318.985
	Expense	$	8,047	5,782	4,885	6,725	4,397	5,284	7,574	7,244	6,722	4,007	3,687	5,328	69,682
Energy Sales	Energy		(51.282)	(44.913)	(32.631)	(40.684)	(40.349)	(30.169)	(57.903)	(50.665)	(35.350)	(36.763)	0.000	(26.928)	(447.637)
	(Credit)	$	(1,975)	(1,107)	(697)	(1,239)	(930)	(841)	(2,012)	(1,934)	(1,043)	(854)	0	(1,411)	(14,042)
Congestion and Loss Adjustment		$	0	0	0	0	0	0	0	0	0	0	22	145	167
Total Energy GWH			385.987	344.548	326.323	280.727	269.472	289.887	359.357	362.517	280.547	253.602	286.868	347.752	3,787.587
Total Energy Expense		$	16,696	13,379	10,708	10,571	9,562	10,389	17,277	15,876	12,301	9,071	9,504	14,153	149,487
ISO-NE Ancillary		$	331	506	389	300	(973)	(50)	10	(1,215)	122	80	93	(33)	(439)
NH RPS		$	1,011	(1,719)	1,023	1,279	1,025	1,848	1,023	1,023	1,007	1,025	2,469	2,993	14,006
RGGI Costs		$	128	226	31	29	6	6	169	133	20	1	0	164	913
Capacity (sold)/bought MW-mo			(203)	(205)	(217)	(252)	(260)	(262)	(265)	(272)	(301)	(326)	(353)	(302)	(3,217)
Capacity (sold)/bought Cost ($000)		$	(610)	(668)	(674)	(714)	(890)	(915)	(898)	(894)	(1,095)	(708)	(991)	(843)	(9,900)

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2016 ENERGY SERVICE RATE CALCULATION

Forecasted PSNH IPP Market Value - November - December 2016

Month	IPP GWh	IPP Energy at Mkt Value ($000)	Capacity MW	ICAP Value $/kw-mo	ICAP ($000)	Total ($000)	Total $/MWh
November	20.303	499	27.3	2.81	77	575	28.33
December	23.217	917	27.3	2.79	76	993	42.77
Total	43.520	1,415			153	1,568	36.03

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2016 ENERGY SERVICE RATE CALCULATION
Fossil / Hydro O&M, Depreciation & Taxes Detail
(Dollars in 000's)

Fossil / Hydro O&M, Depr. & Taxes	January 2016 Actual	February 2016 Actual	March 2016 Actual	April 2016 Actual	May 2016 Actual	June 2016 Actual	July 2016 Actual	August 2016 Actual	September 2016 Actual	October 2016 Actual	November 2016 Estimate	December 2016 Estimate	Total
F/H Operation & Maintenance Cost	$ 5,820	$ 5,420	$ 6,530	$ 9,588	$ 5,729	$ 5,118	$ 5,880	$ 6,317	$ 6,887	$ 9,136	$ 6,570	$ 5,759	$ 78,755
F/H Depreciation Cost	1,795	1,857	1,855	1,856	1,857	1,863	1,876	1,932	1,935	1,940	1,940	1,940	22,645
F/H Property Taxes	1,121	964	1,031	1,098	1,063	2,130	1,419	1,140	1,412	1,376	(3,408)	757	10,102
F/H Payroll and Other Taxes	189	196	255	68	180	160	231	170	156	120	176	176	2,076
Amort. of Asset Retirement Obligation	53	53	53	54	54	54	55	55	55	57	56	56	656
Total F/H O&M, Depr. and Taxes	$ 8,978	$ 8,490	$ 9,724	$ 12,664	$ 8,883	$ 9,325	$ 9,462	$ 9,614	$ 10,445	$ 12,629	$ 5,333	$ 8,687	$ 114,234

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2016 ENERGY SERVICE RATE CALCULATION
FOSSIL/HYDRO RETURN ON RATE BASE
(Dollars in 000s)

Line	Return on Rate Base	January 2016 Actual	February 2016 Actual	March 2016 Actual	April 2016 Actual	May 2016 Actual	June 2016 Actual	July 2016 Actual	August 2016 Actual	September 2016 Actual	October 2016 Actual	November 2016 Estimate	December 2016 Estimate	Total
14	Rate base													
15	Net Plant	277,383	278,681	286,750	288,047	289,344	287,338	288,636	289,895	282,478	283,738	285,072	286,369	
16														
17	Working Capital Allow. (45 days of O&M)	10,077	10,077	10,077	10,077	10,077	10,077	10,077	10,077	10,077	10,077	10,077	10,077	
18	Fossil Fuel Inventory	103,397	103,397	96,014	96,014	96,014	100,509	100,509	100,509	102,887	102,887	102,887	102,887	
19	Mat'ls and Supplies	57,603	57,603	57,827	57,827	57,827	53,530	53,530	53,530	59,039	59,039	59,039	59,039	
20	Prepayments	1,741	1,741	1,926	1,926	1,926	1,463	1,463	1,463	962	962	962	962	
21	Deferred Taxes	(34,520)	(34,074)	(33,527)	(32,360)	(31,195)	(35,560)	(35,117)	(34,674)	(44,680)	(44,233)	(43,786)	(43,339)	
22	Other Regulatory Obligations	(16,145)	(16,145)	(19,363)	(19,363)	(19,363)	(12,466)	(12,466)	(12,466)	(15,692)	(15,692)	(20,667)	(22,657)	
23	Total Rate Base (L15 thru L22)	399,536	401,280	399,703	402,167	404,629	404,891	406,632	408,334	395,071	396,778	393,585	393,339	
24														
25	Average Rate Base (prev + curr month)	385,809	400,408	400,491	400,935	403,398	404,760	405,761	407,483	401,703	395,925	395,182	393,462	
26	x Return	0.9142%	0.9142%	0.9142%	0.9178%	0.9178%	0.9178%	0.9333%	0.9333%	0.9333%	0.9385%	0.9385%	0.9385%	
27	Return (L25 x L26)	$ 3,527	$ 3,661	$ 3,649	$ 3,680	$ 3,703	$ 3,701	$ 3,787	$ 3,803	$ 3,660	$ 3,716	$ 3,709	$ 3,693	$ 44,287

Amounts shown above may not add due to rounding.