1 **PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY**
2 **2018 ENERGY SERVICE RATE CALCULATION**
3 **(Dollars in 000s)**

Line	Summary of Forecasted Energy Service Cost For January 2018 Through March 2018		TOTAL COST	Cents per kWh	Reference
12	Fossil energy costs	$	37,015	4.18	Attachment CJG-2, page 2
13	F/H O&M, depreciation & taxes		23,394	2.64	Attachment CJG-2, page 2
14	Return on rate base		10,172	1.15	Attachment CJG-2, page 2
15	ISO-NE ancillary		264	0.03	Attachment CJG-2, page 2
16	Capacity		(5,702)	(0.64)	Attachment CJG-2, page 2
17	NH RPS		8,416	0.95	Attachment CJG-2, page 2
18	RGGI costs		1,764	0.20	Attachment CJG-2, page 2
19	IPP costs (1)		4,625	0.52	Attachment CJG-2, page 2
20	Burgess BioPower		9,372	1.06	Attachment CJG-2, page 2
21	Purchases and sales		(10,514)	(1.19)	Attachment CJG-2, page 2
22	Return on ES Deferral		109	0.01	Attachment CJG-2, page 2
24	Total Forecasted Energy Service Cost (January through March 2018)	$	78,914	8.91	
26	2017 ES Over/Under Recovery		5,429	0.61	Attachment CJG-3, page 1
28	Net Forecasted Energy Service Cost	$	84,342		
30	Forecasted Retail MWh Sales (January through March 2018)		885,429	9.53	
33–34	Forecasted Energy Service Rate - cents Per kWh (Line 28 / Line 30)		9.53		
36	Plus Scrubber ES Rate cents per kWh per DE 11-250		1.72		
38	Total Energy Service Rate - cents per kWh		11.25		

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

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2018 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

Line	Summary of Forecasted Energy Service Cost For January 2018 Through December 2018		TOTAL COST	Cents per kWh	Reference
12	Fossil energy costs	$	50,847	1.57	Attachment CJG-2, page 2
13	F/H O&M, depreciation & taxes		105,831	3.27	Attachment CJG-2, page 2
14	Return on rate base		39,900	1.23	Attachment CJG-2, page 2
15	ISO-NE ancillary		2,199	0.07	Attachment CJG-2, page 2
16	Capacity		(34,428)	(1.06)	Attachment CJG-2, page 2
17	NH RPS		30,729	0.95	Attachment CJG-2, page 2
18	RGGI costs		2,015	0.06	Attachment CJG-2, page 2
19	IPP costs (1)		12,135	0.38	Attachment CJG-2, page 2
20	Burgess BioPower		36,074	1.12	Attachment CJG-2, page 2
21	Purchases and sales		37,038	1.15	Attachment CJG-2, page 2
22	Return on ES Deferral		264	0.01	Attachment CJG-2, page 2
24	Total Forecasted Energy Service Cost	$	282,604	8.74	
26	2017 ES Over/Under Recovery		19,821	0.61	Attachment CJG-3, page 1
28	Net Forecasted Energy Service Cost	$	302,425		
30	Forecasted Retail MWh Sales		3,232,864	9.35	
33	Forecasted Energy Service Rate -				
34	cents Per kWh (Line 28 / Line 30)		9.35		
36	Plus Scrubber ES Rate cents per kWh per DE 11-250		1.72		
38	Total Energy Service Rate - cents per kwh		11.07		

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

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2018 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

Energy Service Cost	January 2018 Estimate	February 2018 Estimate	March 2018 Estimate	April 2018 Estimate	May 2018 Estimate	June 2018 Estimate	Reference
Fossil energy costs	$ 14,613	$ 16,655	$ 5,746	$ 362	$ 1,057	$ 1,502	CJG-2, P3, Lines 11+14+15+18
F/H O&M, depreciation & taxes	7,628	7,686	8,080	11,934	8,729	8,171	CJG-2, P5, Line 19
Return on rate base	3,472	3,367	3,333	3,298	3,264	3,330	CJG-2, P6, Line 27
ISO-NE ancillary	46	(46)	264	154	144	226	CJG-2, P3, Line 44
Capacity	(1,662)	(2,074)	(1,966)	(2,538)	(2,874)	(3,482)	CJG-2, P3, Line 49
NH RPS	3,096	2,605	2,715	2,238	2,188	2,416	CJG-2, P3, Line 45
RGGI costs	705	815	244	7	-	17	CJG-2, P3, Line 46
IPP costs (1)	1,904	1,542	1,178	978	800	699	CJG-2, P3, Line 21+22
Burgess BioPower	3,219	2,934	3,219	2,175	3,219	3,124	CJG-2, P3, Line 25+26
Purchases and sales (inc. Congestion and Loss Adj.)	(4,887)	(9,176)	3,548	4,991	3,492	4,390	CJG-2, P3, Lines 29+30+33+36+38
Return on ES Deferral	39	36	34	35	35	30	
Total Energy Service Cost	$ 28,174	$ 24,343	$ 26,397	$ 23,635	$ 20,052	$ 20,424	
Forecasted Retail MWh Sales	325,717	274,048	285,665	235,472	230,230	254,174	
Energy Service Cost - cents per kWh	8.65	8.88	9.24	10.04	8.71	8.04	

(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
2018 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

Energy Service Cost	July 2018 Estimate	August 2018 Estimate	September 2018 Estimate	October 2018 Estimate	November 2018 Estimate	December 2018 Estimate	Total	Reference
Fossil energy costs	$ 1,554	$ 1,135	$ 1,224	$ 1,057	$ 1,022	$ 4,919	$ 50,847	CJG-2, P3, Lines 11+14+15+18
F/H O&M, depreciation & taxes	8,047	8,124	9,150	10,131	9,838	8,313	105,831	CJG-2, P5, Line 19
Return on rate base	3,392	3,354	3,321	3,290	3,263	3,215	39,900	CJG-2, P6, Line 27
ISO-NE ancillary	299	294	207	184	177	250	2,199	CJG-2, P3, Line 44
Capacity	(3,090)	(3,148)	(3,516)	(3,927)	(3,323)	(2,828)	(34,428)	CJG-2, P3, Line 49
NH RPS	2,861	2,837	2,290	2,226	2,391	2,865	30,729	CJG-2, P3, Line 45
RGGI costs	16	2	7	-	-	203	2,015	CJG-2, P3, Line 46
IPP costs (1)	771	690	566	791	893	1,323	12,135	CJG-2, P3, Line 21+22
Burgess BioPower	3,219	3,219	3,124	2,270	3,124	3,229	36,074	CJG-2, P3, Line 25+26
Purchases and sales (inc. Congestion and Loss Adj.)	7,477	7,178	4,526	4,627	5,351	5,521	37,038	CJG-2, P3, Lines 29+30+33+36+38
Return on ES Deferral	23	14	8	5	3	1	264	
Total Energy Service Cost	$ 24,569	$ 23,700	$ 20,907	$ 20,653	$ 22,740	$ 27,011	$ 282,604	
Forecasted Retail MWh Sales	301,002	298,488	240,918	234,207	251,549	301,393	3,232,864	
Energy Service Cost - cents per kWh	8.16	7.94	8.68	8.82	9.04	8.96		

(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
2018 ENERGY SERVICE RATE CALCULATION

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

			Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
Hydro	Energy		32.201	26.666	35.103	39.664	37.156	29.207	22.833	18.681	14.963	22.736	30.128	31.364	340.702
Coal	Energy		281.082	327.348	95.670	1.507	0.000	2.478	2.478	0.000	1.239	0.000	0.000	78.575	790.378
	Energy Expense	$	13,556	15,701	4,707	99	0	138	141	0	71	0	0	3,863	38,276
Wood	Energy		28.473	25.717	28.014	7.080	28.473	27.554	28.473	28.473	27.554	28.473	27.554	28.473	314.312
	Energy Expense	$	1,555	1,404	1,530	387	1,555	1,504	1,555	1,555	1,504	1,555	1,504	1,555	17,161
	Revenue Credit	$	(498)	(450)	(490)	(124)	(498)	(482)	(498)	(498)	(482)	(498)	(482)	(498)	(5,498)
Newington	Energy		0.000	0.000	0.000	0.000	0.000	6.080	5.320	1.520	1.900	0.000	0.000	0.000	14.820
	Energy Expense	$	0	0	0	0	0	342	356	79	131	0	0	0	908
IPPs	Energy		24.142	19.684	20.912	25.287	21.938	17.860	17.627	15.929	13.682	18.466	19.170	21.370	236.066
	Energy Expense	$	1,683	1,322	959	759	581	490	562	482	358	505	608	1,037	9,347
	ICAP	$	221	220	220	219	219	209	209	208	208	285	285	285	2,788
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	$	2,941	2,656	2,941	1,897	2,941	2,846	2,941	2,941	2,846	1,992	2,846	2,941	32,730
	ICAP	$	278	278	278	278	278	278	278	278	278	278	278	288	3,344
Contract Purchases	Energy		6.804	5.750	7.078	5.235	4.463	4.216	2.913	2.767	3.318	5.697	6.300	5.991	60.532
	Expense	$	427	348	372	275	234	221	153	145	174	299	331	315	3,294
	ICAP	$	44	44	44	44	44	23	23	23	23	60	60	60	492
Energy Purchases	Energy		37.904	0.000	104.388	141.832	107.163	138.604	194.518	204.130	149.300	142.451	140.065	136.020	1,496.373
	Expense	$	2,049	0	4,789	4,621	3,151	4,089	7,241	6,965	4,292	4,227	4,891	6,581	52,895
Energy Sales	Energy		(110.263)	(155.231)	(33.250)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(27.217)	(325.960)
	(Credit)	$	(8,171)	(10,363)	(1,907)	0	0	0	0	0	0	0	0	(1,670)	(22,110)
Congestion and Loss Adjustment		$	763	795	250	51	63	57	60	44	37	41	70	236	2,467
Total Energy GWh			345.039	290.305	302.611	249.441	243.888	269.253	318.858	316.195	255.210	248.100	266.472	319.272	3,424.644
Total Energy Expense		$	14,849	11,957	13,692	8,506	8,567	9,715	13,021	12,222	9,440	8,744	10,390	14,992	136,094
ISO-NE Ancillary		$	46	(46)	264	154	144	226	299	294	207	184	177	250	2,199
NH RPS		$	3,096	2,605	2,715	2,238	2,188	2,416	2,861	2,837	2,290	2,226	2,391	2,865	30,729
RGGI Costs		$	705	815	244	7	0	17	16	2	7	0	0	203	2,015
Capacity (sold)/bought MW-mo			(239)	(299)	(284)	(367)	(417)	(370)	(329)	(335)	(375)	(420)	(355)	(302)	(4,090)
Capacity (sold)/bought Cost ($000)		$	(1,662)	(2,074)	(1,966)	(2,538)	(2,874)	(3,482)	(3,090)	(3,148)	(3,516)	(3,927)	(3,323)	(2,828)	(34,428)

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2018 ENERGY SERVICE RATE CALCULATION

1 Forecasted PSNH IPP Market Value - January - December 2018

2

			IPP Energy at					
3			IPP Energy at					
4		IPP	Mkt Value	Capacity	ICAP Value	ICAP	Total	Total
5	Month	GWh	($000)	MW	$/kW-mo	($000)	($000)	$/MWh
6	January	24.142	1,683	31.7	6.96	221	1,904	78.87
7	February	19.684	1,322	31.7	6.95	220	1,542	78.36
8	March	20.912	959	31.7	6.93	220	1,178	56.34
9	April	25.287	759	31.7	6.92	219	978	38.66
10	May	21.938	581	31.7	6.90	219	800	36.46
11	June	17.860	490	22.2	9.42	209	699	39.13
12	July	17.627	562	22.2	9.40	209	771	43.74
13	August	15.929	482	22.2	9.39	208	690	43.34
14	September	13.682	358	22.2	9.37	208	566	41.35
15	October	18.466	505	30.5	9.36	285	791	42.81
16	November	19.170	608	30.5	9.36	285	893	46.59
17	December	21.370	1,037	30.5	9.36	285	1,323	61.90
18	Total	236.066	9,347			2,788	12,135	51.40

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2018 ENERGY SERVICE RATE CALCULATION
FOSSIL / HYDRO O&M, DEPRECIATION & TAXES DETAIL
(Dollars in 000s)

Fossil / Hydro O&M, Depr. & Taxes	January 2018 Estimate	February 2018 Estimate	March 2018 Estimate	April 2018 Estimate	May 2018 Estimate	June 2018 Estimate	July 2018 Estimate	August 2018 Estimate	September 2018 Estimate	October 2018 Estimate	November 2018 Estimate	December 2018 Estimate	Total
F/H Operation & Maintenance Cost	$ 4,780	$ 4,799	$ 5,132	$ 9,166	$ 5,856	$ 5,321	$ 5,128	$ 5,265	$ 6,300	$ 7,241	$ 6,995	$ 5,590	$ 71,573
F/H Depreciation Cost	1,873	1,873	1,873	1,873	1,873	1,873	1,873	1,873	1,873	1,873	1,873	1,873	22,475
F/H Property Taxes	752	752	752	752	752	752	752	752	752	752	752	752	9,025
F/H Payroll and Other Taxes	159	198	259	77	182	159	227	167	158	196	149	29	1,960
Amort. of Asset Retirement Obligation	64	64	64	66	66	66	67	67	67	69	69	69	798
Total F/H O&M, Depr. and Taxes	$ 7,628	$ 7,686	$ 8,080	$ 11,934	$ 8,729	$ 8,171	$ 8,047	$ 8,124	$ 9,150	$ 10,131	$ 9,838	$ 8,313	$ 105,831

Amounts shown above may not add due to rounding.

1 **PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY**
2 **2018 ENERGY SERVICE RATE CALCULATION**
3 **FOSSIL/HYDRO RETURN ON RATE BASE**
4 **(Dollars in 000s)**
5
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Line		January	February	March	April	May	June	July	August	September	October	November	December	
9		January	February	March	April	May	June	July	August	September	October	November	December	
10		2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	Total
11	**Return on Rate Base**	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	
12														
13														
14	Rate base													
15	Net Plant	270,346	268,504	266,661	264,818	262,975	261,133	259,290	257,448	255,607	253,766	251,924	250,083	
16														
17	Working Capital Allow. (45 days of O&M)	9,093	9,093	9,093	9,093	9,093	9,093	9,093	9,093	9,093	9,093	9,093	9,093	
18	Fossil Fuel Inventory	92,870	92,870	92,870	92,870	92,870	92,870	92,870	92,870	92,870	92,870	92,870	92,870	
19	Mat'ls and Supplies	55,765	55,765	55,765	55,765	55,765	55,765	55,765	55,765	55,765	55,765	55,765	55,765	
20	Prepayments	1,724	1,724	1,724	1,724	1,724	1,724	1,724	1,724	1,724	1,724	1,724	1,724	
21	Deferred Taxes	(42,482)	(41,526)	(40,032)	(39,986)	(39,004)	(44,354)	(43,707)	(42,689)	(41,725)	(40,830)	(38,927)	(41,480)	
22	Other Regulatory Obligations	(37,389)	(40,271)	(43,043)	(45,330)	(47,573)	(23,499)	(26,405)	(29,283)	(31,634)	(33,903)	(36,356)	(39,357)	
23	Total Rate Base (L15 thru L22)	349,927	346,159	343,038	338,954	335,850	352,732	348,630	344,928	341,700	338,485	336,093	328,698	
24														
25	Average Rate Base (prev + curr month)	358,943	348,043	344,598	340,996	337,402	344,291	350,681	346,779	343,314	340,092	337,289	332,395	
26	x Return	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	
27	Return (L25 x L26)	$ 3,472	$ 3,367	$ 3,333	$ 3,298	$ 3,264	$ 3,330	$ 3,392	$ 3,354	$ 3,321	$ 3,290	$ 3,263	$ 3,215	$ 39,900

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2018 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

Summary of Forecasted Energy Service Cost For January 2017 Through December 2017		TOTAL COST	Cents per kWh	Reference
Fossil energy costs	$	38,183	1.18	Attachment CJG-4, page 2
F/H O&M, depreciation & taxes		111,040	3.44	Attachment CJG-4, page 2
Return on rate base		43,374	1.34	Attachment CJG-4, page 2
ISO-NE ancillary		745	0.02	Attachment CJG-4, page 2
Capacity		(17,590)	(0.54)	Attachment CJG-4, page 2
NH RPS		32,016	0.99	Attachment CJG-4, page 2
Seabrook costs / (credits)		-	-	Attachment CJG-4, page 2
Vermont Yankee		(12)	(0.00)	Attachment CJG-4, page 2
RGGI costs		911	0.03	Attachment CJG-4, page 2
IPP costs (*)		7,978	0.25	Attachment CJG-4, page 2
Burgess BioPower		34,624	1.07	Attachment CJG-4, page 2
Purchases and sales		69,566	2.15	Attachment CJG-4, page 2
Return on ES Deferral		423	0.01	Attachment CJG-4, page 2
2016 Actual ES under recovery (**)		10,732		
Total Updated Energy Service Cost	$	331,989		
Total Updated Revenue		312,168		
2017 ES (Over)/Under Recovery		19,821		

(*) The IPP costs represent the forecasted market value of IPP generation.
(**) Excludes cost associated with the CSL Settlement being reviewed in DE 17-075

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2018 ENERGY SERVICE RATE CALCULATION
(Dollars in 000s)

Line	Energy Service Cost	January 2017 Actual	February 2017 Actual	March 2017 Actual	April 2017 Actual	May 2017 Actual	June 2017 Actual	Reference
11	Fossil energy costs	$ 3,505	$ 4,093	$ 2,128	$ 2,409	$ 3,835	$ 4,643	CJG-4, P3, Lines 11+14+15+18+21
12	F/H O&M, depreciation & taxes	9,129	7,920	8,239	10,221	9,635	9,856	CJG-4, P5, Line 19
13	Return on rate base	3,743	3,728	3,675	3,712	3,720	3,427	CJG-4, P6, Line 27
14	ISO-NE ancillary	315	492	428	359	(1,568)	(310)	CJG-4, P3, Line 47
15	Capacity	(942)	(961)	(990)	(1,009)	(993)	(1,018)	CJG-4, P3, Line 52
16	NH RPS	2,315	2,314	2,286	2,260	2,474	6,145	CJG-4, P3, Line 48
17	Seabrook costs / (credits)	-	-	-	-	-	-	
18	Vermont Yankee	(0)	3	1	(20)	3	(7)	
19	RGGI costs	96	109	32	6	49	115	CJG-4, P3, Line 49
20	IPP costs (*)	790	499	620	718	586	566	CJG-4, P3, Line 24+25
21	Burgess BioPower	2,857	2,304	3,545	2,466	3,582	3,455	CJG-4, P3, Line 28+29
22	Purchases and sales (inc. Congestion and Loss Adj.)	6,449	4,749	7,201	6,180	6,305	5,235	CJG-4, P3, Lines 32+33+36+39+41
23	Return on ES Deferral	17	14	16	21	32	49	
24	2016 Actual ES under recovery	10,732	-	-	-	-	-	
26	Total Energy Service Cost	$ 39,005	$ 25,265	$ 27,182	$ 27,322	$ 27,660	$ 32,155	
28	Total Energy Service Revenue at 9.45 cents/kWh	$ 31,732	$ 25,122	$ 26,234	$ 22,499	$ 21,389	$ 24,738	
30	ES Under/(Over) Recovery	7,273	143	948	4,823	6,272	7,416	
32	Forecasted Retail MWh Sales	340,041	263,673	279,703	238,992	227,365	262,768	
34	Energy Service Cost - cents per kWh	11.47	9.58	9.72	11.43	12.17	12.24	

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

Amounts shown above may not add due to rounding.

1 **PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY**
2 **2018 ENERGY SERVICE RATE CALCULATION**
3 **(Dollars in 000s)**

Line		July	August	September	October	November	December		
8		2017	2017	2017	2017	2017	2017		
9	**Energy Service Cost**	Actual	Actual	Actual	Actual	Estimate	Estimate	Total	Reference
10									
11	Fossil energy costs	$ 2,617	$ 1,807	$ 1,192	$ 2,141	$ 1,662	$ 8,150	$ 38,183	CJG-4, P3, Lines 11+14+15+18+21
12	F/H O&M, depreciation & taxes	9,660	8,392	7,714	10,344	9,492	10,438	111,040	CJG-4, P5, Line 19
13	Return on rate base	3,556	3,565	3,505	3,608	3,581	3,555	43,374	CJG-4, P6, Line 27
14	ISO-NE ancillary	65	281	247	226	187	21	745	CJG-4, P3, Line 47
15	Capacity	(2,328)	(1,517)	(1,519)	(1,940)	(2,309)	(2,064)	(17,590)	CJG-4, P3, Line 52
16	NH RPS	2,316	2,314	2,293	2,316	2,233	2,750	32,016	CJG-4, P3, Line 48
17	Seabrook costs / (credits)	-	-	-	-	-	-	-	
18	Vermont Yankee	(1)	5	1	4	-	-	(12)	
19	RGGI costs	67	14	16	12	21	376	911	CJG-4, P3, Line 49
20	IPP costs (*)	559	428	440	581	872	1,318	7,978	CJG-4, P3, Line 24+25
21	Burgess BioPower	2,983	2,838	2,850	1,909	2,614	3,219	34,624	CJG-4, P3, Line 28+29
22	Purchases and sales (inc. Congestion and Loss Adj.)	6,514	7,102	6,176	5,868	5,168	2,618	69,566	CJG-4, P3, Lines 32+33+36+39+41
23	Return on ES Deferral	54	46	42	45	46	42	423	
24	2016 Actual ES under recovery	-	-	-	-	-	-	10,732	
25									
26	Total Energy Service Cost	$ 26,063	$ 25,276	$ 22,957	$ 25,113	$ 23,568	$ 30,423	$ 331,989	
27									
28	Total Energy Service Revenue at 9.94 cents/kWh	$ 28,786	$ 29,139	$ 23,005	$ 22,399	$ 25,598	$ 31,527	$ 312,168	
29									
30	ES Under/(Over) Recovery	(2,723)	(3,863)	(48)	2,715	(2,030)	(1,104)	$ 19,821	
31									
32	Forecasted Retail MWh Sales	294,826	290,263	232,928	225,507	257,525	317,177	3,230,768	
33									
34	Energy Service Cost - cents per kWh	8.84	8.71	9.86	11.14	9.15	9.59	10.28	

(*) 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
2018 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		30.536	25.810	36.939	41.781	45.005	34.519	29.573	15.740	9.859	13.467	30.128	31.364	344.721
Coal:	Energy		42.955	49.862	11.567	(1.100)	3.358	35.127	23.833	(0.716)	1.620	0.044	11.945	149.425	327.919
	Energy Expense	$	2,553	3,125	1,061	2,318	1,650	2,342	1,683	461	403	818	635	7,093	24,143
Wood:	Energy		26.259	25.430	27.849	4.390	26.004	29.654	29.648	29.182	10.404	29.474	27.670	28.473	294.439
	Energy Expense	$	1,325	1,341	1,470	308	1,150	1,426	1,446	1,351	913	1,482	1,511	1,555	15,278
	Revenue Credit	$	(519)	(509)	(539)	(244)	(516)	245	(562)	(556)	(320)	(560)	(483)	(497)	(5,060)
IC/Jets	Energy		0.088	0.110	0.051	0.047	0.439	0.174	0.054	0.097	0.248	0.254	0.000	0.000	1.561
	Energy Expense	$	23	31	17	8	118	64	17	27	62	71	0	0	439
Newington:	Energy		(1.089)	(0.647)	(1.093)	(0.896)	19.940	5.494	(0.746)	5.930	2.585	3.646	0.000	0.000	33.124
	Energy Expense	$	122	105	119	18	1,432	566	32	525	134	331	0	0	3,383
IPP's:	Energy		19.002	15.137	17.113	21.675	22.010	18.477	15.489	11.975	12.473	13.862	19.170	21.370	207.753
	Energy Expense	$	738	447	569	666	534	460	453	323	329	434	650	1,096	6,699
	ICAP	$	52	52	52	52	52	106	106	106	111	147	222	222	1,278
Burgess BioPower	Energy		45.022	36.758	48.835	33.240	50.195	48.269	41.016	38.818	38.999	25.279	35.506	44.696	486.632
	Expense	$	2,579	2,026	3,268	2,188	3,304	3,177	2,706	2,561	2,573	1,631	2,336	2,941	31,289
	ICAP	$	278	278	278	278	278	278	278	278	278	278	278	278	3,334
Contract Purchases	Energy		5.726	5.690	8.894	5.739	5.013	4.471	34.805	39.904	27.937	6.553	6.300	5.991	157.024
	Expense	$	825	863	1,109	1,086	1,163	1,068	1,982	2,010	1,402	786	331	315	12,938
	ICAP	$	25	25	25	25	25	20	19	19	20	51	45	45	344
Energy Purchases	Energy		181.708	169.165	175.287	171.080	131.929	138.104	167.253	185.734	178.177	169.098	144.346	107.069	1,918.950
	Expense	$	7,324	5,449	6,830	5,810	4,990	4,650	5,143	5,374	5,159	5,651	4,847	5,157	66,383
Energy Sales	Energy		(39.204)	(48.831)	(26.878)	(29.450)	(20.438)	(28.569)	(23.621)	(16.108)	(19.506)	(21.770)	(2.264)	(52.396)	(329.035)
	(Credit)	$	(1,724)	(1,589)	(763)	(741)	126	(502)	(630)	(301)	(405)	(619)	(131)	(3,249)	(10,528)
Congestion and Loss Adjustment		$	0	0	0	0	0	0	0	0	0	0	77	352	429
Total Energy GWh			311.003	278.484	298.564	246.505	283.455	285.719	317.304	310.556	262.796	239.907	272.802	335.992	3,443.087
Total Energy Expense		$	13,601	11,645	13,495	11,772	14,310	13,899	12,673	12,176	10,659	10,500	10,317	15,305	150,350
ISO-NE Ancillary		$	315	492	428	359	(1,568)	(310)	65	281	247	226	187	21	745
NH RPS		$	2,315	2,314	2,286	2,260	2,474	6,145	2,316	2,314	2,293	2,316	2,233	2,750	32,016
RGGI Costs		$	96	109	32	6	49	115	67	14	16	12	21	376	911
Capacity (sold)/bought MW-mo			(338)	(342)	(351)	(410)	(459)	(323)	(322)	(323)	(327)	(340)	(330)	(296)	(4,160)
Capacity (sold)/bought Cost ($000)		$	(942)	(961)	(990)	(1,009)	(993)	(1,018)	(2,328)	(1,517)	(1,519)	(1,940)	(2,309)	(2,064)	(17,590)

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2018 ENERGY SERVICE RATE CALCULATION

Forecasted PSNH IPP Market Value - November - December 2017

Month	IPP GWh	IPP Energy at Mkt Value ($000)	Capacity MW	ICAP Value $/kW-mo	ICAP ($000)	Total ($000)	Total $/MWh
November	19.170	650	31.8	7.00	222	872	45.49
December	21.370	1,096	31.8	6.98	222	1,318	61.66
Total	40.540	1,745			444	2,190	54.01

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2018 ENERGY SERVICE RATE CALCULATION
Fossil / Hydro O&M, Depreciation & Taxes Detail
(Dollars in 000s)

Fossil / Hydro O&M, Depr. & Taxes	January 2017 Actual	February 2017 Actual	March 2017 Actual	April 2017 Actual	May 2017 Actual	June 2017 Actual	July 2017 Actual	August 2017 Actual	September 2017 Actual	October 2017 Actual	November 2017 Estimate	December 2017 Estimate	Total
F/H Operation & Maintenance Cost	$ 5,898	$ 5,189	$ 5,353	$ 7,123	$ 6,214	$ 6,035	$ 5,722	$ 5,617	$ 4,794	$ 7,262	$ 6,684	$ 7,630	$ 73,520
F/H Depreciation Cost	2,073	2,076	2,077	2,116	2,436	2,902	2,908	1,846	1,974	1,978	1,873	1,873	26,131
F/H Property Taxes	922	425	572	764	762	701	754	732	740	753	752	752	8,629
F/H Payroll and Other Taxes	177	172	179	159	164	159	215	136	145	288	121	121	2,037
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	$ 9,129	$ 7,920	$ 8,239	$ 10,221	$ 9,635	$ 9,856	$ 9,660	$ 8,392	$ 7,714	$ 10,344	$ 9,492	$ 10,438	$ 111,040

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2018 ENERGY SERVICE RATE CALCULATION
FOSSIL/HYDRO RETURN ON RATE BASE
(Dollars in 000s)

Line	Return on Rate Base	January 2017 Actual	February 2017 Actual	March 2017 Actual	April 2017 Actual	May 2017 Actual	June 2017 Actual	July 2017 Actual	August 2017 Actual	September 2017 Actual	October 2017 Actual	November 2017 Estimate	December 2017 Estimate	Total
14	Rate base													
15	Net Plant	289,781	291,079	285,433	286,730	288,027	279,486	280,821	282,119	274,299	275,597	272,890	274,188	
17	Working Capital Allow. (45 days of O&M)	9,438	9,438	9,438	9,438	9,438	9,438	9,438	9,438	9,438	9,438	9,438	9,438	
18	Fossil Fuel Inventory	99,864	99,864	98,311	98,311	98,311	94,621	94,621	94,621	92,870	92,870	92,870	92,870	
19	Mat'ls and Supplies	62,590	62,590	68,167	68,167	68,167	55,765	55,765	55,765	63,354	63,354	63,354	63,354	
20	Prepayments	1,724	1,724	1,736	1,736	1,736	1,433	1,433	1,433	741	741	741	741	
21	Deferred Taxes	(48,091)	(48,483)	(43,888)	(44,280)	(44,672)	(44,513)	(44,905)	(45,297)	(40,233)	(40,625)	(44,260)	(44,651)	
22	Other Regulatory Obligations	(18,921)	(18,921)	(26,028)	(26,028)	(26,028)	(21,681)	(21,681)	(21,681)	(27,981)	(27,981)	(27,981)	(27,981)	
23	Total Rate Base (L15 thru L22)	396,386	397,291	393,169	394,074	394,979	374,550	375,493	376,398	372,488	373,394	367,053	367,959	
25	Average Rate Base (prev + curr month)	398,444	396,838	395,230	393,621	394,527	384,764	375,021	375,945	374,443	372,941	370,223	367,506	
26	x Return	0.9395%	0.9395%	0.9395%	0.9430%	0.9430%	0.9430%	0.9482%	0.9482%	0.9482%	0.9673%	0.9673%	0.9673%	
27	Return (L25 x L26)	$ 3,743	$ 3,728	$ 3,675	$ 3,712	$ 3,720	$ 3,427	$ 3,556	$ 3,565	$ 3,505	$ 3,608	$ 3,581	$ 3,555	$ 43,374

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2018 ENERGY SERVICE RATE CALCULATION
RATE EFFECTIVE JANUARY 1, 2018

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

Line	September 29th Filing		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
1	Hydro:		32.201	26.666	35.103	39.664	37.156	29.207	22.833	18.681	14.963	22.736	30.128	31.364	340.702
2															
3	Coal:		280.765	325.764	38.819	1.901	0.000	0.000	2.478	0.000	1.239	0.000	0.000	74.691	725.658
4		$	13,506	15,585	1,921	113	0	0	141	0	71	0	0	3,667	35,004
5															
6	Wood:		28.473	25.717	28.014	7.080	28.473	27.554	28.473	28.473	27.554	28.473	27.554	28.473	314.312
7		$	1,555	1,404	1,530	387	1,555	1,504	1,555	1,555	1,504	1,555	1,504	1,555	17,161
8		$	(500)	(451)	(492)	(124)	(500)	(484)	(500)	(500)	(484)	(500)	(484)	(500)	(5,518)
9															
10	IC/Jets														-
11		$													-
12															
13	Newington:		7.448	0.000	0.000	0.000	0.000	0.000	4.940	1.520	1.900	0.000	0.000	0.000	15.808
14		$	1,268	0	0	0	0	0	343	81	134	0	0	0	1,825
15															
16	IPP's:		24.137	19.669	20.910	25.321	21.946	17.853	17.609	15.926	13.667	18.460	19.183	21.385	236.066
17		$	1,664	1,326	918	721	547	455	540	470	331	459	561	975	8,968
18		$	220	220	219	219	218	209	209	208	208	285	285	285	2,787
19															
20	Burgess BioPower		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
21		$	2,941	2,656	2,941	1,897	2,941	2,846	2,941	2,941	2,846	1,992	2,846	2,941	32,730
22		$	278	278	278	278	278	278	278	278	278	278	278	288	3,344
23															
24	Contract Purchases		6.801	5.750	7.078	5.642	4.549	4.037	3.195	2.740	3.320	5.606	6.300	5.991	61.010
25		$	422	349	372	296	239	212	168	144	174	294	331	315	3,315
26		$	44	44	44	44	44	23	23	23	23	60	60	60	492
27															
28	Energy Purchases		37.441	0.000	137.515	139.563	106.121	145.650	192.616	201.543	149.003	140.077	139.619	143.659	1,532.807
29		$	2,014	0	6,341	4,261	2,875	4,289	6,960	6,787	3,921	3,786	4,501	6,485	52,220
30															
31	Energy Sales		(116.815)	(129.424)	(9.879)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(23.088)	(279.206)
32		$	(8,924)	(8,549)	(529)	0	0	0	0	0	0	0	0	(1,391)	(19,393)
33															
34	Congestion and Loss Adjustment	$	761	785	161	39	52	39	50	36	26	29	56	206	2,239
35															
36	Total Energy GWH		345.147	314.512	302.257	248.008	242.940	267.555	316.840	313.579	254.901	245.629	266.038	327.172	3,444.578
37	Total Energy Expense	$	15,249	13,648	13,704	8,130	8,249	9,371	12,707	12,022	9,032	8,239	9,938	14,886	135,177
38															
39															
40	ISO-NE Ancillary	$	35	7	208	110	103	178	237	233	163	140	131	200	1,745
41	NH RPS	$	3,093	2,818	2,708	2,222	2,177	2,397	2,839	2,810	2,284	2,201	2,384	2,932	30,866
42	RGGI Costs	$	718	810	103	8	0	0	16	2	7	0	0	193	1,856
43															
44	Capacity (sold)/bought MW-mo		(246)	(235)	(318)	(388)	(426)	(380)	(339)	(346)	(386)	(431)	(366)	(313)	(4,174)
45	Capacity (sold)/bought Cost ($000)	$	(1,714)	(1,628)	(2,204)	(2,683)	(2,941)	(3,577)	(3,188)	(3,242)	(3,615)	(4,041)	(3,428)	(2,933)	(35,194)

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2018 ENERGY SERVICE RATE CALCULATION
RATE EFFECTIVE JANUARY 1, 2018

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

Line	December 8th Filing		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
1	Hydro:		32.201	26.666	35.103	39.664	37.156	29.207	22.833	18.681	14.963	22.736	30.128	31.364	340.702
2															
3	Coal:		281.082	327.348	95.670	1.507	0.000	2.478	2.478	0.000	1.239	0.000	0.000	78.575	790.378
4		$	13,556	15,701	4,707	99	0	138	141	0	71	0	0	3,863	38,276
5															
6	Wood:		28.473	25.717	28.014	7.080	28.473	27.554	28.473	28.473	27.554	28.473	27.554	28.473	314.312
7		$	1,555	1,404	1,530	387	1,555	1,504	1,555	1,555	1,504	1,555	1,504	1,555	17,161
8		$	(498)	(450)	(490)	(124)	(498)	(482)	(498)	(498)	(482)	(498)	(482)	(498)	(5,498)
9															
10	IC/Jets														-
11		$													-
12															
13	Newington:		0.000	0.000	0.000	0.000	0.000	6.080	5.320	1.520	1.900	0.000	0.000	0.000	14.820
14		$	0	0	0	0	0	342	356	79	131	0	0	0	908
15															
16	IPP's:		24.142	19.684	20.912	25.287	21.938	17.860	17.627	15.929	13.682	18.466	19.170	21.370	236.066
17		$	1,683	1,322	959	759	581	490	562	482	358	505	608	1,037	9,347
18		$	221	220	220	219	219	209	209	208	208	285	285	285	2,788
19															
20	Burgess BioPower		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
21		$	2,941	2,656	2,941	1,897	2,941	2,846	2,941	2,941	2,846	1,992	2,846	2,941	32,730
22		$	278	278	278	278	278	278	278	278	278	278	278	288	3,344
23															
24	Contract Purchases		6.804	5.750	7.078	5.235	4.463	4.216	2.913	2.767	3.318	5.697	6.300	5.991	60.532
25		$	427	348	372	275	234	221	153	145	174	299	331	315	3,294
26		$	44	44	44	44	44	23	23	23	23	60	60	60	492
27															
28	Energy Purchases		37.904	0.000	104.388	141.832	107.163	138.604	194.518	204.130	149.300	142.451	140.065	136.020	1,496.373
29		$	2,049	0	4,789	4,621	3,151	4,089	7,241	6,965	4,292	4,227	4,891	6,581	52,895
30															
31	Energy Sales		(110.263)	(155.231)	(33.250)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	(27.217)	(325.960)
32		$	(8,171)	(10,363)	(1,907)	0	0	0	0	0	0	0	0	(1,670)	(22,110)
33															
34	Congestion and Loss Adjustment	$	763	795	250	51	63	57	60	44	37	41	70	236	2,467
35															
36	Total Energy GWH		345.039	290.305	302.611	249.441	243.888	269.253	318.858	316.195	255.210	248.100	266.472	319.272	3,424.644
37	Total Energy Expense	$	14,849	11,957	13,692	8,506	8,567	9,715	13,021	12,222	9,440	8,744	10,390	14,992	136,094
38															
39															
40	ISO-NE Ancillary	$	46	(46)	264	154	144	226	299	294	207	184	177	250	2,199
41	NH RPS	$	3,096	2,605	2,715	2,238	2,188	2,416	2,861	2,837	2,290	2,226	2,391	2,865	30,729
42	RGGI Costs	$	705	815	244	7	0	17	16	2	7	0	0	203	2,015
43															
44	Capacity (sold)/bought MW-mo		(239)	(299)	(284)	(367)	(417)	(370)	(329)	(335)	(375)	(420)	(355)	(302)	(4,090)
45	Capacity (sold)/bought Cost ($000)	$	(1,662)	(2,074)	(1,966)	(2,538)	(2,874)	(3,482)	(3,090)	(3,148)	(3,516)	(3,927)	(3,323)	(2,828)	(34,428)

Amounts shown above may not add due to rounding.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2018 ENERGY SERVICE RATE CALCULATION
RATE EFFECTIVE JAMUARY 1, 2018

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

Line	Variance		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
1	Hydro:		-	-	-	-	-	-	-	-	-	-	-	-	-
2															
3	Coal:		0.317	1.584	56.851	(0.394)	-	2.478	-	-	-	-	-	3.884	64.720
4		$	51	116	2,786	(13)	-	138	0	-	0	-	-	195	3,272
5															
6	Wood:		-	-	-	-	-	-	-	-	-	-	-	-	-
7		$	-	-	-	-	-	-	-	-	-	-	-	-	-
8		$	2	2	2	0	2	2	2	2	2	2	2	2	20
9															
10	IC/Jets		-	-	-	-	-	-	-	-	-	-	-	-	-
11		$	-	-	-	-	-	-	-	-	-	-	-	-	-
12															
13	Newington:		(7.448)	-	-	-	-	6.080	0.380	-	-	-	-	-	(0.988)
14		$	(1,268)	-	-	-	-	342	13	(2)	(3)	-	-	-	(917)
15															
16	IPP's:		0.005	0.015	0.002	(0.035)	(0.008)	0.007	0.018	0.002	0.015	0.006	(0.013)	(0.015)	(0.000)
17		$	19	(4)	40	38	35	35	22	12	27	46	47	62	379
18		$	0	0	0	0	0	0	0	0	0	(0)	(0)	(0)	1
19															
20	Burgess BioPower		-	-	-	-	-	-	-	-	-	-	-	-	-
21		$	-	-	-	-	-	-	-	-	-	-	-	-	-
22		$	-	-	-	-	-	-	-	-	-	-	-	-	-
23															
24	Contract Purchases		0.002	-	-	(0.407)	(0.087)	0.179	(0.282)	0.027	(0.002)	0.091	-	-	(0.478)
25		$	4.896	(1.293)	-	(21.347)	(4.542)	9.399	(14.813)	1.428	(0.112)	4.783	-	-	(22)
26		$	0	0	0	0	0	0	0	0	0	(0)	(0)	(0)	0
27															
28	Energy Purchases		0.463	-	(33.128)	2.268	1.042	(7.046)	1.902	2.587	0.297	2.374	0.446	(7.640)	(36.434)
29		$	35	-	(1,552)	360	275	(200)	281	178	371	440	390	96	675
30															
31	Energy Sales		6.552	(25.806)	(23.371)	-	-	-	-	-	-	-	-	(4.129)	(46.754)
32		$	753	(1,814)	(1,378)	-	-	-	-	-	-	-	-	(279)	(2,718)
33															
34	Congestion and Loss Adjustment	$	2	10	89	11	11	18	10	8	11	12	14	30	228
35															
36	Total Energy GWH		(0.108)	(24.207)	0.355	1.433	0.948	1.697	2.018	2.616	0.309	2.472	0.434	(7.899)	(19.934)
37	Total Energy Expense	$	(401)	(1,691)	(13)	376	318	344	314	200	408	504	453	106	917
38															
39															
40	ISO-NE Ancillary	$	11	(54)	57	44	41	49	61	61	44	44	46	50	454
41	NH RPS	$	3	(213)	7	16	11	18	22	27	6	25	7	(67)	(137)
42	RGGI Costs	$	(14)	4	141	(1)	-	17	0	-	(0)	-	-	10	159
43															
44	Capacity (sold)/bought MW-mo		7.402	(63.532)	34.362	21.040	9.460	10.329	10.378	10.647	10.834	11.294	11.050	10.924	84
45	Capacity (sold)/bought Cost ($000)	$	52	(446)	238	145	67	95	98	94	99	114	105	105	766

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2018 ENERGY SERVICE RATE CALCULATION
RATE EFFECTIVE JANUARY 1, 2018
(Dollars in 000s)

Forecasted PSNH IPP Market Value - January - December 2018

Line	September 29 filing	IPP GWh	IPP Energy at Mkt Value ($000)	Capacity MW	ICAP Value $/kw-mo	ICAP ($000)	Total ($000)	Total $/MWh
1	January (Actual)	24.137	1,664	31.7	6.96	220	1,885	78.09
2	February (Actual)	19.669	1,326	31.7	6.94	220	1,546	78.61
3	March (Actual)	20.910	918	31.7	6.93	219	1,138	54.40
4	April	25.321	721	31.7	6.91	219	939	37.10
5	May	21.946	547	31.7	6.89	218	765	34.86
6	June	17.853	455	22.2	9.41	209	664	37.20
7	July	17.609	540	22.2	9.40	209	749	42.52
8	August	15.926	470	22.2	9.38	208	679	42.61
9	September	13.667	331	22.2	9.37	208	539	39.43
10	October	18.460	459	30.5	9.37	285	745	40.36
11	November	19.183	561	30.5	9.37	285	846	44.11
12	December	21.385	975	30.5	9.37	285	1,261	58.96
13	Total	236.066	8,968			2,787	11,755	49.80

Forecasted PSNH IPP Market Value - June - December 2018

Line	December 8 filing	IPP GWh	IPP Energy at Mkt Value ($000)	Capacity MW	ICAP Value $/kw-mo	ICAP ($000)	Total ($000)	Total $/MWh
14	January (Actual)	24.142	1,683	31.7	6.96	221	1,904	78.87
15	February (Actual)	19.684	1,322	31.7	6.95	220	1,542	78.36
16	March (Actual)	20.912	959	31.7	6.93	220	1,178	56.34
17	April (Actual)	25.287	759	31.7	6.92	219	978	38.66
18	May (Actual)	21.938	581	31.7	6.90	219	800	36.46
19	June	17.860	490	22.2	9.42	209	699	39.13
20	July	17.627	562	22.2	9.40	209	771	43.74
21	August	15.929	482	22.2	9.39	208	690	43.34
22	September	13.682	358	22.2	9.37	208	566	41.35
23	October	18.466	505	30.5	9.36	285	791	42.81
24	November	19.170	608	30.5	9.36	285	893	46.59
25	December	21.370	1,037	30.5	9.36	285	1,323	61.90
26	Total	236.066	9,347			2,788	12,135	51.40

Forecasted PSNH IPP Market Value

Line	Variance	IPP GWh	IPP Energy at Mkt Value ($000)	Capacity MW	ICAP Value $/kw-mo	ICAP ($000)	Total ($000)	Total $/MWh
27	January (Actual)	0.005	19	0.0	0.01	0	19	0.78
28	February (Actual)	0.015	(4)	0.0	0.01	0	(4)	(0.25)
29	March (Actual)	0.002	40	0.0	0.01	0	41	1.94
30	April	(0.035)	38	0.0	0.01	0	38	1.56
31	May	(0.008)	35	0.0	0.01	0	35	1.60
32	June	0.007	35	0.0	0.01	0	35	1.93
33	July	0.018	22	0.0	0.00	0	22	1.21
34	August	0.002	12	0.0	0.00	0	12	0.73
35	September	0.015	27	0.0	0.00	0	27	1.92
36	October	0.006	46	0.0	(0.01)	(0)	46	2.46
37	November	(0.013)	47	0.0	(0.01)	(0)	47	2.48
38	December	(0.015)	62	0.0	(0.01)	(0)	62	2.94
39	Total	(0.000)	379			1	379	1.61

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2018 ENERGY SERVICE RATE CALCULATION
Fossil / Hydro O&M, Depreciation & Taxes Detail
RATE EFFECTIVE JANUARY 1, 2018
(Dollars in 000s)

Line	September 29th Filing	Actual Jan 2018	Actual Feb 2018	Actual Mar 2018	Forecast Apr 2018	Forecast May 2018	Forecast Jun 2018	Forecast Jul 2018	Forecast Aug 2018	Forecast Sep 2018	Forecast Oct 2018	Forecast Nov 2018	Forecast Dec 2018	Total
1	F/H Operation & Maintenance Cost	$ 5,346	$ 5,082	$ 7,041	$ 9,531	$ 6,385	$ 5,147	$ 5,807	$ 5,437	$ 5,412	$ 5,699	$ 4,863	$ 5,823	$ 71,573
2	F/H Depreciation Cost	1,873	1,873	1,873	1,873	1,873	1,873	1,873	1,873	1,873	1,873	1,873	1,873	22,475
3	F/H Property Taxes	732	732	732	732	732	732	732	732	732	732	732	732	8,785
4	F/H Payroll and Other Taxes	159	198	259	77	182	159	227	167	158	196	149	29	1,960
5	Amort. of Asset Retirement Obligation	64	64	64	66	66	66	67	67	67	69	69	69	798
6														
7	**Total F/H O&M, Depr. and Taxes**	**$ 8,174**	**$ 7,949**	**$ 9,969**	**$ 12,279**	**$ 9,238**	**$ 7,977**	**$ 8,706**	**$ 8,276**	**$ 8,242**	**$ 8,569**	**$ 7,686**	**$ 8,526**	**$ 105,591**

Line	December 8th Filing	Actual Jan 2018	Actual Feb 2018	Actual Mar 2018	Actual Apr 2018	Actual May 2018	Forecast Jun 2018	Forecast Jul 2018	Forecast Aug 2018	Forecast Sep 2018	Forecast Oct 2018	Forecast Nov 2018	Forecast Dec 2018	Total
8	F/H Operation & Maintenance Cost	$ 4,780	$ 4,799	$ 5,132	$ 9,166	$ 5,856	$ 5,321	$ 5,128	$ 5,265	$ 6,300	$ 7,241	$ 6,995	$ 5,590	$ 71,573
9	F/H Depreciation Cost	1,873	1,873	1,873	1,873	1,873	1,873	1,873	1,873	1,873	1,873	1,873	1,873	22,475
10	F/H Property Taxes	752	752	752	752	752	752	752	752	752	752	752	752	9,025
11	F/H Payroll and Other Taxes	159	198	259	77	182	159	227	167	158	196	149	29	1,960
12	Amort. of Asset Retirement Obligation	64	64	64	66	66	66	67	67	67	69	69	69	798
13														
14	**Total F/H O&M, Depr. and Taxes**	**$ 7,628**	**$ 7,686**	**$ 8,080**	**$ 11,934**	**$ 8,729**	**$ 8,171**	**$ 8,047**	**$ 8,124**	**$ 9,150**	**$ 10,131**	**$ 9,838**	**$ 8,313**	**$ 105,831**

Line	Variance	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
15	F/H Operation & Maintenance Cost	$ (566)	$ (283)	$ (1,909)	$ (365)	$ (529)	$ 174	$ (679)	$ (172)	$ 888	$ 1,542	$ 2,132	$ (233)	$ -
16	F/H Depreciation Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
17	F/H Property Taxes	20	20	20	20	20	20	20	20	20	20	20	20	240
18	F/H Payroll and Other Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Amort. of Asset Retirement Obligation	0	0	0	0	0	0	0	0	0	0	0	0	0
20														
21	**Total F/H O&M, Depr. and Taxes**	**$ (546)**	**$ (263)**	**$ (1,889)**	**$ (345)**	**$ (509)**	**$ 194**	**$ (659)**	**$ (152)**	**$ 908**	**$ 1,562**	**$ 2,152**	**$ (213)**	**$ 240**

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY
2018 ENERGY SERVICE RATE CALCULATION
FOSSIL/HYDRO RETURN ON RATE BASE
RATE EFFECTIVE JANUARY 1, 2018
(Dollars in 000s)

Line	September 29th Filing	Actual Jan 2018	Actual Feb 2018	Actual Mar 2018	Forecast Apr 2018	Forecast May 2018	Forecast Jun 2018	Forecast Jul 2018	Forecast Aug 2018	Forecast Sep 2018	Forecast Oct 2018	Forecast Nov 2018	Forecast Dec 2018	Total
	Rate base													
1	Net Plant	270,346	268,504	266,661	264,818	262,975	261,133	259,290	257,448	255,607	253,766	251,924	250,083	
2														
3	Working Capital Allow. (45 days of O&M)	9,093	9,093	9,093	9,093	9,093	9,093	9,093	9,093	9,093	9,093	9,093	9,093	
4	Fossil Fuel Inventory	94,621	94,621	94,621	94,621	94,621	94,621	94,621	94,621	94,621	94,621	94,621	94,621	
5	Mat'ls and Supplies	55,765	55,765	55,765	55,765	55,765	55,765	55,765	55,765	55,765	55,765	55,765	55,765	
6	Prepayments	1,724	1,724	1,724	1,724	1,724	1,724	1,724	1,724	1,724	1,724	1,724	1,724	
7	Deferred Taxes	(42,482)	(41,526)	(40,032)	(39,986)	(39,004)	(44,354)	(43,707)	(42,689)	(41,725)	(40,830)	(38,927)	(41,480)	
8	Other Regulatory Obligations	(37,389)	(40,271)	(43,043)	(45,330)	(47,573)	(23,499)	(26,405)	(29,283)	(31,634)	(33,903)	(36,356)	(39,357)	
9	Total Rate Base (L1 thru L8)	351,678	347,910	344,789	340,705	337,601	354,483	350,381	346,679	343,451	340,236	337,844	330,449	
10														
11	Average Rate Base (prev + curr month)	359,464	349,794	346,349	342,747	339,153	346,042	352,432	348,530	345,065	341,843	339,040	334,146	
12	x Return	0.9482%	0.9482%	0.9482%	0.9482%	0.9482%	0.9482%	0.9482%	0.9482%	0.9482%	0.9482%	0.9482%	0.9482%	
13	Return on Rate Base (L11 x L12)	$ 3,408	$ 3,317	$ 3,284	$ 3,250	$ 3,216	$ 3,281	$ 3,342	$ 3,305	$ 3,272	$ 3,241	$ 3,215	$ 3,168	$ 39,298

Line	December 8th Filing	Actual Jan 2018	Actual Feb 2018	Actual Mar 2018	Actual Apr 2018	Actual May 2018	Forecast Jun 2018	Forecast Jul 2018	Forecast Aug 2018	Forecast Sep 2018	Forecast Oct 2018	Forecast Nov 2018	Forecast Dec 2018	Total
	Rate base													
14	Net Plant	270,346	268,504	266,661	264,818	262,975	261,133	259,290	257,448	255,607	253,766	251,924	250,083	
15														
16	Working Capital Allow. (45 days of O&M)	9,093	9,093	9,093	9,093	9,093	9,093	9,093	9,093	9,093	9,093	9,093	9,093	
17	Fossil Fuel Inventory	92,870	92,870	92,870	92,870	92,870	92,870	92,870	92,870	92,870	92,870	92,870	92,870	
18	Mat'ls and Supplies	55,765	55,765	55,765	55,765	55,765	55,765	55,765	55,765	55,765	55,765	55,765	55,765	
19	Prepayments	1,724	1,724	1,724	1,724	1,724	1,724	1,724	1,724	1,724	1,724	1,724	1,724	
20	Deferred Taxes	(42,482)	(41,526)	(40,032)	(39,986)	(39,004)	(44,354)	(43,707)	(42,689)	(41,725)	(40,830)	(38,927)	(41,480)	
21	Other Regulatory Obligations	(37,389)	(40,271)	(43,043)	(45,330)	(47,573)	(23,499)	(26,405)	(29,283)	(31,634)	(33,903)	(36,356)	(39,357)	
22	Total Rate Base (L14 thru L22)	349,927	346,159	343,038	338,954	335,850	352,732	348,630	344,928	341,700	338,485	336,093	328,698	
23														
24	Average Rate Base (prev + curr month)	358,943	348,043	344,598	340,996	337,402	344,291	350,681	346,779	343,314	340,092	337,289	332,395	
25	x Return	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	0.9673%	
26	Return on Rate Base (L24 x L25)	$ 3,472	$ 3,367	$ 3,333	$ 3,298	$ 3,264	$ 3,330	$ 3,392	$ 3,354	$ 3,321	$ 3,290	$ 3,263	$ 3,215	$ 39,900

Line	Variance	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Total
	Rate base													
27	Net Plant	-	-	-	-	-	-	-	-	-	-	-	-	
28														
29	Working Capital Allow. (45 days of O&M)	-	-	-	-	-	-	-	-	-	-	-	-	
30	Fossil Fuel Inventory	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	
31	Mat'ls and Supplies	-	-	-	-	-	-	-	-	-	-	-	-	
32	Prepayments	-	-	-	-	-	-	-	-	-	-	-	-	
33	Deferred Taxes	-	-	-	-	-	-	-	-	-	-	-	-	
34	Other Regulatory Obligations	-	-	-	-	-	-	-	-	-	-	-	-	
35	Total Rate Base	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	
36														
37	Average Rate Base (prev + curr month)	(522)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	(1,751)	
38	x Return	0.0191%	0.0191%	0.0191%	0.0191%	0.0191%	0.0191%	0.0191%	0.0191%	0.0191%	0.0191%	0.0191%	0.0191%	
39	Return on Rate Base (Line 26 - Line 13)	$ 64	$ 50	$ 49	$ 49	$ 48	$ 49	$ 50	$ 50	$ 49	$ 48	$ 48	$ 47	$ 602