

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY  
 ENERGY SERVICE RATE SETTING APRIL 1, 2018 THROUGH JULY 31, 2018  
 SMALL CUSTOMERS (RATES R, G AND OL)

Line	Small Customers (Rate R, G, & OL) Weighted Average Energy Service Rate Calculation	April 2018	May 2018	June 2018	July 2018	Total	Comment	
1	Forecasted Small Customer Wholesale Energy Service Load (MWhs)	233,931	227,883	253,080	300,484	1,015,378	Attachment FBW-3 Page 1	
2	Loss Factor	[REDACTED]						Company Records
3	Forecasted Small Customer Retail Energy Service Load (MWhs)	[REDACTED]						Line 1/Line 2
4	Wholesale Contract Price (\$/MWh)	[REDACTED]						Attachment FBW-3 Page 1
5	Base Small Customer Energy Service Rate (\$/kWh)	\$0.07384	\$0.06763	\$0.07143	\$0.07294		Line 2 x Line 4	
6	Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00000	\$0.00000	\$0.00000	\$0.00000		Attachment CJG-2 Page 1	
7	Renewable Portfolio Standard Adjustment Factor (\$/kWh)	\$0.00537	\$0.00537	\$0.00537	\$0.00537		Attachment FBW-4 page 1	
8	A&G Adjustment Factor (\$/kWh)	\$0.00127	\$0.00127	\$0.00127	\$0.00127		Attachment CJG-2 Page 3	
9	<u>Hydro Adjuster (\$/kWh)</u>	<u>\$0.00081</u>	<u>\$0.00081</u>	<u>\$0.00081</u>	<u>\$0.00081</u>		Attachment CJG-3 Page 1	
10	Total Small Customer Monthly Calculated Energy Service Rate (\$/kWh)	\$0.08129	\$0.07508	\$0.07888	\$0.08039		Sum of Line 5 through Line 9	
11	Forecasted Small Customer Total Energy Service Cost	[REDACTED]					\$ 74,472,911	Line 3 x Line 10
12	<b>Weighted Average Small Customer Energy Service Rate for the Period April 1, 2018 through July 31, 2018</b>						<b>\$ 0.07903</b>	<b>Line 11/Line 3</b>

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY  
 ENERGY SERVICE RATE SETTING APRIL 1, 2018 THOUGH JULY 31, 2018  
 LARGE CUSTOMERS (RATES LG AND GV)

Line	Large C&I (Rate LG & GV) Monthly Energy Service Rate Calculation	April 2018	May 2018	June 2018	July 2018	Total	Comment
1	Forecasted Large C&I Wholesale Energy Service Load (MWhs)	19,476	19,870	20,463	23,468	83,276	Attachment FBW-3 Page 1
2	Loss Factor						Company Records
3	Forecasted Large C&I Retail Energy Service Load (MWhs)						Line 1/Line 2
4	Wholesale Contract Price (\$/MWh)						Attachment FBW-3 Page 1
5	Base Large C&I Energy Service Rate (\$/kWh)	\$0.07994	\$0.07407	\$0.07420	\$0.07506		Line 2 x Line 4
6	Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00000	\$0.00000	\$0.00000	\$0.00000		Attachment CJG-2 Page 2
7	Renewable Portfolio Standard Adjustment Factor (\$/kWh)	\$0.00537	\$0.00537	\$0.00537	\$0.00537		Attachment FBW-4 page 1
8	A&G Adjustment Factor (\$/kWh)	\$0.00127	\$0.00127	\$0.00127	\$0.00127		Attachment CJG-2 Page 3
9	Hydro Adjuster (\$/kWh)	\$0.00081	\$0.00081	\$0.00081	\$0.00081		Attachment CJG-3 Page 1
10	<b>Total Large C&amp;I Monthly Energy Service Rates (\$/kWh)</b>	<b>\$0.08739</b>	<b>\$0.08152</b>	<b>\$0.08165</b>	<b>\$0.08251</b>		<b>Line 5 through Line 9</b>

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY  
ENERGY SERVICE REVENUES AND EXPENSES RECONCILIATION  
SMALL CUSTOMERS (RATES R, G, AND OL)  
(\$ in 000's)

Line	Description	Balance 3/31/2017	Actual April 2017	Actual May 2017	Actual June 2017	Actual July 2017	Actual August 2017	Actual September 2017	Actual October 2017	Actual November 2017	Actual December 2017	Actual January 2018	Forecast February 2018	Forecast March 2018	Total
1	Energy Service Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Energy Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	RPS Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	A&G Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Hydro Adjuster Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Total Energy Service Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	Monthly (Over)/Under Recovery	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Beginning Monthly Balance	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Ending Monthly Balance	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Average Monthly Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	Carrying Charge (Prime Rate)	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%
12	Monthly Carrying Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	(Over)/Under Recovery plus Carrying Charge														\$ -

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY  
ENERGY SERVICE REVENUES AND EXPENSES RECONCILIATION  
LARGE CUSTOMERS (RATES GV AND LG)  
(\$ in 000's)

Line	Description	Balance 3/31/2017	Actual April 2017	Actual May 2017	Actual June 2017	Actual July 2017	Actual August 2017	Actual September 2017	Actual October 2017	Actual November 2017	Actual December 2017	Actual January 2018	Forecast February 2018	Forecast March 2018	Total
1	Energy Service Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Energy Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	RPS Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	A&G Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Hydro Adjuster Expense	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Total Energy Service Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	Monthly (Over)/Under Recovery	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Beginning Monthly Balance	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Ending Monthly Balance	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Average Monthly Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	Carrying Charge (Prime Rate)	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%
12	Monthly Carrying Charge	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	(Over)/Under Recovery plus Carrying Charge														\$ -

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY**  
**FORECASTED ADMINSTRATIVE AND GENERAL EXPENSES**  
(\$ in 000's)

<b>Line</b>	<b>Description</b>	<b>April 2018</b>	<b>May 2018</b>	<b>June 2018</b>	<b>July 2018</b>	<b>Total</b>
1	Internal Company Administrative	\$ 14.5	\$ 14.5	\$ 14.5	\$ 14.5	\$ 57.9
2	Bad Debt Expense	309.0	309.0	309.0	309.0	1,235.9
3	PUC Assessment	0.8	0.8	0.8	0.8	3.3
4	Other	-	-	-	-	-
5	<b>Total A&amp;G Expenses</b>	<b>\$ 324.3</b>	<b>\$ 324.3</b>	<b>\$ 324.3</b>	<b>\$ 324.3</b>	<b>\$ 1,297.1</b>
6	Forecasted Energy Service Sales					1,020,879
7	<b>A&amp;G Adjustment Factor (\$/kWh)</b>					<b>\$ 0.00127</b>

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY  
ENERGY SERVICE RATE HYDRO ADJUSTER CALCULATION  
APRIL 1, 2018 THROUGH JULY 31, 2018  
(Dollars in 000s)

Summary of Forecasted Hydro Costs & Revenues

Line	April 2018 through July 2018	Total Costs	Reference
1	Hydro O&M, depreciation & taxes	4,803	Attachment CJK-3, page 2
2	Return on rate base	1,507	Attachment CJK-3, page 2
3	Energy Sales	(3,704)	Attachment CJK-3, page 2
4	ISO-NE ancillary	39	Attachment CJK-3, page 2
5	Capacity Revenues	(1,813)	Attachment CJK-3, page 2
6	Total Forecasted Hydro Costs / (Revenues)	\$ 832	
7	Forecasted Retail MWh Sales	1,020,879	Attachment CJK-3, page 2
8	Forecasted Hydro Adjuster (\$/kWh)	\$ 0.00081	

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY  
ENERGY SERVICE RATE HYDRO ADJUSTER CALCULATION  
APRIL 1, 2018 THROUGH JULY 31, 2018  
(Dollars in 000s)

57872

Line	Hydro Fleet Cost	April 2018 Estimate	May 2018 Estimate	June 2018 Estimate	July 2018 Estimate	Total	Reference
1	Hydro, depreciation & taxes	824	1,295	1,230	1,454	4,803	CJG-3, P4, Line 6
2	Return on rate base	376	378	377	377	1,507	CJG-3, P5, Line 8
3	Energy Sales	(1,231)	(978)	(765)	(730)	(3,704)	CJG-3, P3, Line 2
4	ISO-NE ancillary	12	11	9	7	39	CJG-3, P3, Line 3
5	Capacity	(421)	(420)	(486)	(485)	(1,813)	CJG-3, P3, Line 4
6	Total Hydro Costs/Revenues	\$ (441)	\$ 285	\$ 364	\$ 623	\$ 832	
7	Forecasted Retail MWh Sales	235,472	230,230	254,174	301,002	1,020,879	

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY**  
**ENERGY SERVICE RATE HYDRO ADJUSTER CALCULATION**  
**APRIL 1, 2018 THROUGH JULY 31, 2018**  
**HYDRO GENERATION (MWh) and EXPENSE (\$000)**

<b>Line</b>	<b>Description</b>	<b>April 2018</b>	<b>May 2018</b>	<b>June 2018</b>	<b>July 2018</b>	<b>Total</b>
1	Hydro Energy Sales (MWh)	39,653	37,217	29,528	22,952	129,349
2	Hydro Energy Revenues	\$ (1,231)	\$ (978)	\$ (765)	\$ (730)	\$ (3,704)
3	ISO-NE Ancillary	12	11	9	7	39
4	Capacity Revenues	(421)	(420)	(486)	(485)	(1,813)
5	Net Energy (Revenues) / Expense	\$ (1,641)	\$ (1,387)	\$ (1,242)	\$ (1,208)	\$ (5,478)



**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY**  
**ENERGY SERVICE RATE HYDRO ADJUSTER CALCULATION**  
**APRIL 1, 2018 THROUGH JULY 31, 2018**  
**HYDRO O&M, DEPRECIATION & TAXES DETAIL**  
(Dollars in 000s)

<b>Line</b>	<b>Hydro O&amp;M, Depr. &amp; Taxes</b>	<b>April 2018 Estimate</b>	<b>May 2018 Estimate</b>	<b>June 2018 Estimate</b>	<b>July 2018 Estimate</b>	<b>Total</b>
1	Hydro Operation & Maintenance Cost	\$ 481	\$ 940	\$ 877	\$ 1,093	\$ 3,390
2	Hydro Depreciation Cost	73	73	73	73	292
3	Hydro Property Taxes	259	259	259	259	1,034
4	Hydro Payroll and Other Taxes	9	21	19	27	76
5	Amort. of Asset Retirement Obligation	2	2	2	2	10
6	<b>Total Hydro O&amp;M, Depr. and Taxes</b>	<b>\$ 824</b>	<b>\$ 1,295</b>	<b>\$ 1,230</b>	<b>\$ 1,454</b>	<b>\$ 4,803</b>

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE D/B/A EVERSOURCE ENERGY**  
**ENERGY SERVICE RATE HYDRO ADJUSTER CALCULATION**  
**APRIL 1, 2018 THROUGH JULY 31, 2018**  
**HYDRO RETURN ON RATE BASE**  
(Dollars in 000s)

<b>Line</b>	<b>Return on Rate Base</b>	<b>April 2018 Estimate</b>	<b>May 2018 Estimate</b>	<b>June 2018 Estimate</b>	<b>July 2018 Estimate</b>	<b>Total</b>
1	Hydro Net Plant	53,270	53,554	54,021	54,465	
2	Working Capital Allow. (45 days of O&M)	1,052	1,052	1,052	1,052	
3	Mat'ls and Supplies	306	306	306	306	
4	Deferred Taxes	(7,940)	(7,745)	(8,807)	(8,679)	
5	Total Rate Base (L1 thru L4)	<u>46,688</u>	<u>47,168</u>	<u>46,572</u>	<u>47,145</u>	
6	Average Rate Base ( prev + curr month)	46,696	46,928	46,870	46,858	
7	x Return	0.8046%	0.8046%	0.8046%	0.8046%	
8	Return (L6 x L7)	<u>\$ 376</u>	<u>\$ 378</u>	<u>\$ 377</u>	<u>\$ 377</u>	<u>\$ 1,507</u>