

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)						Attachment FBW-3 Page 1
2	Loss Factor						Company Records
3	Forecasted Small Customer Retail Energy Service Load (MWhs)						Line 1/Line 2
4	Wholesale Contract Price (\$/MWh)						Attachment FBW-3 Page 1
5	Base Small Customer Energy Service Rate (\$/kWh)						Line 2 x Line 4
6	Energy Service Reconciliation Adjustment Factor (\$/kWh)						Attachment CJG-2 Page 1
7	Renewable Portfolio Standard Adjustment Factor (\$/kWh)						Attachment FBW-4 page 1
8	A&G Adjustment Factor (\$/kWh)						Attachment CJG-2 Page 3
9	Hydro Adjuster (\$/kWh)						Attachment CJG-3 Page 1
10	Total Small Customer Monthly Calculated Energy Service Rate (\$/kWh)						Sum of Line 5 through Line 9
11	Forecasted Small Customer Total Energy Service Cost						Line 3 x Line 10
12	Weighted Average Small Customer Energy Service Rate for the Period April 1, 2018 through July 31, 2018					\$ 0.07903	Line 11/Line 3

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
 ENERGY SERVICE RATE SETTING APRIL 1, 2018 THROUGH 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)						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)						Line 2 x Line 4
6	Energy Service Reconciliation Adjustment Factor (\$/kWh)						Attachment CJG-2 Page 2
7	Renewable Portfolio Standard Adjustment Factor (\$/kWh)						Attachment FBW-4 page 1
8	A&G Adjustment Factor (\$/kWh)						Attachment CJG-2 Page 3
9	Hydro Adjuster (\$/kWh)						Attachment CJG-3 Page 1
10	Total Large C&I Monthly Energy Service Rates (\$/kWh)	\$0.08739	\$0.08152	\$0.08165	\$0.08251		Line 5 through Line 9

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)

Line	Description	April 2018	May 2018	June 2018	July 2018	Total
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	Total A&G Expenses	\$ 324.3	\$ 324.3	\$ 324.3	\$ 324.3	\$ 1,297.1
6	Forecasted Energy Service Sales					
7	A&G Adjustment Factor (\$/kWh)					



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 CJG-3, page 2
2	Return on rate base	1,507	Attachment CJG-3, page 2
3	Energy Sales	(3,704)	Attachment CJG-3, page 2
4	ISO-NE ancillary	39	Attachment CJG-3, page 2
5	Capacity Revenues	(1,813)	Attachment CJG-3, page 2
6	Total Forecasted Hydro Costs / (Revenues)	\$ 832	
7	Forecasted Retail MWh Sales		Attachment CJG-3, page 2
8	Forecasted Hydro Adjuster (\$/kWh)		

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	[REDACTED]						

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)

Line	Description	April 2018	May 2018	June 2018	July 2018	Total
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)

Line	Hydro O&M, Depr. & Taxes	April 2018 Estimate	May 2018 Estimate	June 2018 Estimate	July 2018 Estimate	Total
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	Total Hydro O&M, Depr. and Taxes	\$ 824	\$ 1,295	\$ 1,230	\$ 1,454	\$ 4,803

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)

Line	Return on Rate Base	April 2018 Estimate	May 2018 Estimate	June 2018 Estimate	July 2018 Estimate	Total
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)	46,688	47,168	46,572	47,145	
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)	\$ 376	\$ 378	\$ 377	\$ 377	\$ 1,507