

REDACTED

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
ENERGY SERVICE RATE SETTING AUGUST 1, 2020 THROUGH JANUARY 31, 2021
SMALL CUSTOMERS (RATES R, G AND OL)

Line	Small Customers (Rate R, G, & OL) Weighted Average Energy Service Rate Calculation	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021	Total	Comment
1	Forecasted Small Customer Wholesale Energy Service Load (MWhs)	323,976	261,074	253,936	274,766	330,853	341,346	1,785,951	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-2 Page 1
5	Base Small Customer Energy Service Rate (\$/kWh)	\$0.05117	\$0.05367	\$0.05394	\$0.06282	\$0.07466	\$0.08695		Line 2 x Line 4
6	Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00029	\$0.00029	\$0.00029	\$0.00029	\$0.00029	\$0.00029		Attachment ELM-2 Page 1 Line 19
7	Renewable Portfolio Standard Adjustment Factor (\$/kWh)	\$0.00740	\$0.00740	\$0.00740	\$0.00740	\$0.00740	\$0.00740		Attachment FBW-4 page 1
8	Renewable Portfolio Standard Reconciliation Adjustment Factor (\$/kWh)	(\$0.00258)	(\$0.00258)	(\$0.00258)	(\$0.00258)	(\$0.00258)	(\$0.00258)		Attachment ELM-2 Page 4 Line 15
9	A&G Adjustment Factor (\$/kWh)	\$0.00076	\$0.00076	\$0.00076	\$0.00076	\$0.00076	\$0.00076		Attachment ELM-1 Page 3 Line 8
10	Small Customer Working Capital Adjustment Factor (\$/kWh)	(\$0.00010)	(\$0.00010)	(\$0.00010)	(\$0.00010)	(\$0.00010)	(\$0.00010)		Attachment ELM-1 Page 4 Line 7 + Line 18
11	Total Small Customer Monthly Calculated Energy Service Rate (\$/kWh)	\$0.05694	\$0.05944	\$0.05971	\$0.06859	\$0.08043	\$0.09272		Sum of Line 5 through Line 10
12	Forecasted Small Customer Total Energy Service Cost, including Working Capital Requirement							\$ 117,151,453	Line 3 x Line 11
13	Weighted Average Small Customer Energy Service Rate for the Period August 1, 2020 through January 31, 2021 (\$/kWh)							\$ 0.07068	Line 12 / Line 3

REDACTED

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
ENERGY SERVICE RATE SETTING AUGUST 1, 2020 THROUGH JANUARY 31, 2021
LARGE CUSTOMERS (RATES LG AND GV)

Line	Large C&I (Rate LG & GV) Monthly Energy Service Rate Calculation	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021	Total	Comment
1	Forecasted Large C&I Wholesale Energy Service Load (MWhs)	18,618	15,004	14,593	15,790	19,014	19,617	102,636	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-2 Page 1
5	Base Large C&I Energy Service Rate (\$/kWh)	\$0.05086	\$0.05101	\$0.05196	\$0.06238	\$0.07236	\$0.08328		Line 2 x Line 4
6	Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$0.00378	\$0.00378	\$0.00378	\$0.00378	\$0.00378	\$0.00378		Attachment ELM-2 Page 2 Line 19
7	Renewable Portfolio Standard Adjustment Factor (\$/kWh)	\$0.00740	\$0.00740	\$0.00740	\$0.00740	\$0.00740	\$0.00740		Attachment FBW-4 page 1
8	Renewable Portfolio Standard Reconciliation Adjustment Factor (\$/kWh)	(\$0.00258)	(\$0.00258)	(\$0.00258)	(\$0.00258)	(\$0.00258)	(\$0.00258)		Attachment ELM-2 Page 4 Line 15
9	A&G Adjustment Factor (\$/kWh)	\$0.00076	\$0.00076	\$0.00076	\$0.00076	\$0.00076	\$0.00076		Attachment ELM-1 Page 3 Line 8
10	Large Customer Working Capital Adjustment Factor (\$/kWh)	\$0.00003	\$0.00003	\$0.00003	\$0.00003	\$0.00003	\$0.00003		Attachment ELM-1 Page 4 Line 13 + Line 18
11	Total Large C&I Monthly Energy Service Rates (\$/kWh)	\$0.06025	\$0.06040	\$0.06135	\$0.07177	\$0.08175	\$0.09267		Sum Line 5 through Line 10

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
FORECASTED ADMINSTRATIVE AND GENERAL EXPENSES
ENERGY SERVICE RATE SETTING AUGUST 1, 2020 THROUGH JANUARY 31, 2021
(\$ in 000's)**

Line	Description	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021	Total	Comment
1	Internal Company Administrative	\$ 24	\$ 24	\$ 24	\$ 24	\$ 24	\$ 24	\$ 142	Company Forecast
2	Bad Debt Expense	324	270	258	274	302	442	1,870	Company Forecast (65% to ES) Per DE 09-035
3	Company Usage	(115)	(115)	(115)	(115)	(115)	(115)	(689)	Per DE 09-035
4	PUC Assessment	1	1	1	1	1	1	5	\$10k / 12 months per DE 14-347
5	Other	-	-	-	-	-	-	-	
6	Total A&G Expenses	\$ 233	\$ 179	\$ 168	\$ 183	\$ 212	\$ 352	\$ 1,328	Sum Lines 1 through 5
7	Forecasted Energy Service Sales August 2020 through January 2021							1,754,367	ELM-1 Page 1 Line 3 + ELM-1 Page 2 Line 3
8	A&G Adjustment Factor (\$/kWh)							\$ 0.00076	Line 6 / Line 7

REDACTED

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
 FORECASTED WORKING CAPITAL
 ENERGY SERVICE RATE SETTING AUGUST 1, 2020 THROUGH JANUARY 31, 2021
 (\$ in 000's)

Line	Description	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021	Total	Comment
1	Forecasted Small Purchased Power Expense	\$ 14,279	\$ 12,069	\$ 11,798	\$ 14,867	\$ 21,276	\$ 25,565	\$ 99,853	ELM-1 Page 1 (Line 3 * Line 4)
2	Small Purchase Power Working Capital Percent	4.77%	4.93%	4.77%	4.93%	4.77%	4.77%		ELM-3 Page 1 Line 9
3	Forecasted Small Purchased Power Working Capital Requirement							\$ 4,810	Line 1 * Line 2
4	Rate of Return (Prime Rate)	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%		Annual Prime Rate / 12
5	Forecasted Return on Working Capital							\$ 13	Line 3 * Line 4
6	Forecasted Energy Service Sales August 2020 through January 2021								ELM-1 Page 1 Line 3 Total
7	Small Customer Working Capital Adjustment Factor (\$/kWh)							\$ 0.00001	Line 5 / Line 6
8	Forecasted Large Purchased Power Expense	\$ 843	\$ 682	\$ 675	\$ 878	\$ 1,226	\$ 1,455	\$ 5,759	ELM-1 Page 2 (Line 3 * Line 4)
9	Large Purchase Power Working Capital Percent	83.36%	86.14%	83.36%	86.14%	83.36%	83.36%		ELM-3 Page 1 Line 10
10	Forecasted Small Purchased Power Working Capital Requirement							\$ 4,844	Line 8 * Line 9
11	Rate of Return (Prime Rate)	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%		Line 4
12	Forecasted Return on Working Capital							\$ 13	Line 10 * Line 11
13	Forecasted Energy Service Sales August 2020 through January 2021								ELM-1 Page 2 Line 3
14	Large Customer Working Capital Adjustment Factor (\$/kWh)							\$ 0.00014	Line 12 / Line 13
15	Forecasted RPS Working Capital Balance	\$ (11,862)	\$ (11,862)	\$ (11,862)	\$ (11,862)	\$ (11,862)	\$ (11,862)		ELM-3 Page 1 Line 14
16	Rate of Return (Prime Rate)	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%		Line 4
17	Forecasted Return on Working Capital	\$ (32)	\$ (32)	\$ (32)	\$ (32)	\$ (32)	\$ (32)	\$ (193)	Line 15 * Line 16
18	Forecasted Energy Service Sales August 2020 through January 2021							1,754,367	Line 6 + Line 14
19	RPS Working Capital Adjustment Factor (\$/kWh)							\$ (0.00011)	Line 17 / Line 18

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
ENERGY SERVICE REVENUES AND EXPENSES RECONCILIATION
SMALL CUSTOMERS (RATES R, G, AND OL)
AUGUST 1, 2019 THROUGH JULY 31, 2020
(\$ in 000's)

Line	Description	Balance 7/31/2019 *	Actual August 2019	Actual September 2019	Actual October 2019	Actual November 2019	Actual December 2019	Actual January 2020	Actual February 2020	Actual March 2020	Actual April 2020	Actual May 2020	Estimate June 2020	Estimate July 2020	12 Months Total August 2019 -- July 2020	Comment
1	Energy Service Revenues		\$ 25,610	\$ 17,393	\$ 17,943	\$ 20,228	\$ 25,881	\$ 25,744	\$ 20,339	\$ 19,691	\$ 17,841	\$ 19,132	\$ 16,771	\$ 21,077	\$ 247,650	Company Actuals
2	A&G Expense		354	250	233	292	323	321	276	224	195	209	256	270	3,203	ELM-2, Page 3, Line 9
3	Net Metering Expense		618	563	565	761	861	851	(0)	-	-	-	-	-	4,219	Company Actuals
4	Purchased Power Energy Expense		18,830	15,078	15,190	18,085	26,860	31,442	27,779	20,545	16,201	15,539	14,663	18,886	239,099	Company Actuals
5	Return on Purchased Power Working Capital Requirement		4	3	3	4	5	6	6	3	2	2	2	2	42	ELM-3, Page 1, Line 17
6	Total Energy Service Expense		\$ 19,806	\$ 15,895	\$ 15,991	\$ 19,140	\$ 28,049	\$ 32,620	\$ 28,061	\$ 20,773	\$ 16,398	\$ 15,750	\$ 14,922	\$ 19,158	\$ 246,562	Line 2 + Line 3 + Line 4 + Line 5
7	Monthly (Over)/Under Recovery	\$ 2,032	(5,804)	(1,498)	(1,952)	(1,088)	2,168	6,876	7,721	1,082	(1,443)	(3,382)	(1,849)	(1,919)	945	Line 6 - Line 1
8	Beginning Monthly Balance		\$ 2,032	\$ (3,772)	\$ (5,270)	\$ (7,222)	\$ (8,310)	\$ (6,142)	\$ 734	\$ 8,455	\$ 9,537	\$ 8,095	\$ 4,713	\$ 2,863		Prior Month Line 9
9	Ending Monthly Balance		(3,772)	(5,270)	(7,222)	(8,310)	(6,142)	734	8,455	9,537	8,095	4,713	2,863	945		Line 7 + Line 8
10	Average Monthly Balance		\$ (870)	\$ (4,521)	\$ (6,246)	\$ (7,766)	\$ (7,226)	\$ (2,704)	\$ 4,595	\$ 8,996	\$ 8,816	\$ 6,404	\$ 3,788	\$ 1,904		(Line 8 + Line 9) / 2
11	Accumulated Deferred Income Tax (ADIT)		(236)	(1,224)	(1,692)	(2,103)	(1,957)	(732)	1,244	2,436	2,388	1,734	1,026	516		Line 10 x ADIT (2019-2020 = 27.083%)
12	Average Monthly Balance Less ADIT		\$ (634)	\$ (3,296)	\$ (4,554)	\$ (5,663)	\$ (5,269)	\$ (1,972)	\$ 3,350	\$ 6,560	\$ 6,428	\$ 4,669	\$ 2,762	\$ 1,388		Line 10 - Line 11
13	Carrying Charge (Prime Rate)		0.4375%	0.4292%	0.4158%	0.3958%	0.3958%	0.3958%	0.3958%	0.3150%	0.2708%	0.2708%	0.2708%	0.2708%		Prime Rate/12
14	Monthly Carrying Charge		\$ (3)	\$ (14)	\$ (19)	\$ (22)	\$ (21)	\$ (8)	\$ 13	\$ 21	\$ 17	\$ 13	\$ 7	\$ 4	\$ (12)	Line 12 x Line 13
15	Retail MWH Sales		301,385	224,472	218,777	246,865	315,808	314,265	267,387	269,754	239,113	256,382	250,621	314,961		Company Actuals
16	(Over)/Under Recovery plus Carrying Charge														\$ 933	Line 7 + Line 14
17	Forecasted Sales August 2020 through July 2021 (MWhs)														3,243,229	Company forecast
18	Energy Service Reconciliation Factor (\$/kWh)														0.00029	Line 16 / Line 17
19	* Docket No. DE 19-082 12-05-2019 filing, ELM-2, Page 1, Line 27															

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
ENERGY SERVICE REVENUES AND EXPENSES RECONCILIATION
LARGE CUSTOMERS (RATES GV AND LG)
AUGUST 1, 2019 THROUGH JULY 31, 2020
(\$ in 000's)

Line	Description	Balance 7/31/2019 *	Actual August 2019	Actual September 2019	Actual October 2019	Actual November 2019	Actual December 2019	Actual January 2020	Actual February 2020	Actual March 2020	Actual April 2020	Actual May 2020	Estimate June 2020	Estimate July 2020	Total August 2019 -- July 2020	Comment
1	Energy Service Revenues		\$ 1,047	\$ 666	\$ 860	\$ 861	\$ 1,293	\$ 2,674	\$ 1,801	\$ 926	\$ 675	\$ 725	\$ 679	\$ 935	\$ 13,142	Company Actuals
2	A&G Expense		16	12	13	13	14	25	16	9	8	12	15	16	170	ELM-2, Page 3, Line 10
3	Net Metering Expense		28	27	31	34	37	66	(0)	-	-	-	-	-	222	Company Actuals
4	Purchased Power Expense		865	879	970	816	1,473	1,788	1,841	1,697	1,059	243	789	1,074	13,493	Company Actuals
5	Return on Purchased Power Working Capital Requirement		3	3	3	3	5	6	6	4	2	1	2	2	42	ELM-3, Page 1, Line 18
6	Total Energy Service Expense		\$ 912	\$ 922	\$ 1,017	\$ 866	\$ 1,528	\$ 1,885	\$ 1,864	\$ 1,711	\$ 1,070	\$ 255	\$ 806	\$ 1,092	\$ 13,927	Line 2 + Line 3 + Line 4 + Line 5
7	Monthly (Over)/Under Recovery	\$ (73)	(135)	256	157	4	235	(790)	63	785	394	(469)	127	156	712	Line 6 - Line 1
8	Beginning Monthly Balance	\$ (73)	(208)	48	205	210	445	(345)	(282)	503	898	429	555	712		Prior Month Line 9
9	Ending Monthly Balance		(208)	48	205	210	445	(345)	(282)	503	898	429	555	712		Line 7 + Line 8
10	Average Monthly Balance		\$ (141)	\$ (80)	\$ 127	\$ 207	\$ 327	\$ 50	\$ (314)	\$ 111	\$ 701	\$ 663	\$ 492	\$ 634		(Line 8 + Line 9) / 2
11	Accumulated Deferred Income Tax (ADIT)		(38)	(22)	34	56	89	13	(85)	30	190	180	133	172		Line 10 x ADIT (2019-2020 = 27.083%)
12	Average Monthly Balance Less ADIT		\$ (103)	\$ (58)	\$ 92	\$ 151	\$ 239	\$ 36	\$ (229)	\$ 81	\$ 511	\$ 484	\$ 359	\$ 462		Line 10 - Line 11
13	Carrying Charge (Prime Rate)		0.4375%	0.4292%	0.4158%	0.3958%	0.3958%	0.3958%	0.3958%	0.3150%	0.2708%	0.2708%	0.2708%	0.2708%		Prime Rate/12
14	Monthly Carrying Charge		\$ (0)	\$ (0)	\$ 0	\$ 1	\$ 1	\$ 0	\$ (1)	\$ 0	\$ 1	\$ 1	\$ 1	\$ 1	\$ 6	Line 12 x Line 13
15	Retail MWH Sales		13,477	10,895	12,052	10,992	13,488	24,277	15,873	11,291	10,271	13,241	14,648	18,408		Company Actuals
16	(Over)/Under Recovery plus Carrying Charge														\$ 717	Line 7 + Line 14
17	Forecasted Sales August 2020 through July 2021 (MWhs)														189,550	Company forecast
18	Energy Service Reconciliation Factor (\$/kWh)														0.00378	Line 16 / Line 17
19	* Docket No. DE 19-082 12-05-2019 filing, ELM-2, Page 2, Line 27															

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
ADMINISTRATIVE AND GENERAL EXPENSES
AUGUST 1, 2019 THROUGH JULY 31, 2020
(\$ in 000's)

Line	Description	Actual August 2019	Actual September 2019	Actual October 2019	Actual November 2019	Actual December 2019	Actual January 2020	Actual February 2020	Actual March 2020	Actual April 2020	Actual May 2020	Estimate June 2020	Estimate July 2020	12 Months Total August 2019 -- July 2020	Comment
1	Internal Company Administrative	\$ 26	\$ 12	\$ 25	\$ 42	\$ 26	\$ 18	\$ 20	\$ 21	\$ 20	\$ 26	\$ 24	\$ 24	\$ 283	Company Actuals
2	Bad Debt Expense	458	364	335	377	425	442	386	327	298	309	362	332	4,413	Company Forecast (65% to ES) Per DE 09-035
3	Company Usage	(115)	(115)	(115)	(115)	(115)	(115)	(115)	(115)	(115)	(115)	(115)	(115)	(1,378)	Per DE 09-035
4	PUC Assessment	1	1	1	1	1	1	1	1	1	1	1	1	10	\$10k / 12 months per DE 14-347
5	Other	-	-	-	-	-	-	-	-	-	-	-	-	44	Hydro Adjuster Reconciliation Balance
6	Total A&G Expenses	\$ 370	262	246	304	337	346	\$ 292	234	203	221	271	285	3,372	Sum Lines 1 through 5
7	Small Customer Retail MWH Sales Ratio*	95.72%	95.37%	94.78%	95.74%	95.90%	92.83%	94.40%	95.98%	95.88%	94.39%	94.48%	94.48%		Company Actuals
8	Large Customer Retail MWH Sales Ratio**	4.28%	4.63%	5.22%	4.26%	4.10%	7.17%	5.60%	4.02%	4.12%	5.61%	5.52%	5.52%		Company Actuals
9	Small Customer A&G Expenses	\$ 354	\$ 250	\$ 233	\$ 292	\$ 323	\$ 321	\$ 276	\$ 224	\$ 195	\$ 209	\$ 256	\$ 270		Line 6 x Line 7
10	Large Customer A&G Expenses	16	12	13	13	14	25	16	9	8	12	15	16		Line 6 x Line 8
11	Total A&G Expenses	370	262	246	304	337	346	292	234	203	221	271	285		Line 9 + Line 10

12 * ELM-2, Page 1, Line 16 divided by the sum of ELM-2, Page 1, Line 13 plus ELM-2, Page 2, Line 13.

13 ** ELM-2, Page 2, Line 16 divided by the sum of ELM-2, Page 1, Line 13 plus ELM-2, Page 2, Line 13.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
RPS REVENUES AND EXPENSES RECONCILIATION
AUGUST 1, 2019 THROUGH JULY 31, 2020
(\$ in 000's)

Line	Description	Balance 7/31/2019 *	Actual August 2019	Actual September 2019	Actual October 2019	Actual November 2019	Actual December 2019	Actual January 2020	Actual February 2020	Actual March 2020	Actual April 2020	Actual May 2020	Estimate June 2020	Estimate July 2020	12 Months Total August 2019 – July 2020	Comment
1	RPS Revenues		\$ 1,757	\$ 1,313	\$ 1,288	\$ 1,439	\$ 1,837	\$ 1,889	\$ 2,184	\$ 2,167	\$ 1,923	\$ 2,094	\$ 2,045	\$ 2,570	\$ 22,507	Company Actuals
2	RPS Expense		1,845	1,490	1,435	1,549	1,859	2,442	2,244	2,181	1,839	1,818	2,066	2,597	23,366	Company Actuals
3	Return on RPS Working Capital Requirement		(52)	(51)	(49)	(47)	(47)	(47)	(47)	(37)	(32)	(32)	(32)	(32)	(506)	ELM-3, Page 1, Line 19
4	Monthly (Over)/Under Recovery	\$ (8,907)	37	126	98	63	(25)	506	13	(23)	(116)	(309)	(11)	(6)	(8,555)	Line 2 + Line 3 - Line 1
5	Beginning Monthly Balance		\$ (8,907)	\$ (8,871)	\$ (8,745)	\$ (8,647)	\$ (8,584)	\$ (8,609)	\$ (8,103)	\$ (8,090)	\$ (8,113)	\$ (8,229)	\$ (8,538)	\$ (8,549)		Prior Month Line 6
6	Ending Monthly Balance		(8,871)	(8,745)	(8,647)	(8,584)	(8,609)	(8,103)	(8,090)	(8,113)	(8,229)	(8,538)	(8,549)	(8,555)		Line 4 + Line 5
7	Average Monthly Balance		\$ (8,889)	\$ (8,808)	\$ (8,696)	\$ (8,616)	\$ (8,596)	\$ (8,356)	\$ (8,096)	\$ (8,101)	\$ (8,171)	\$ (8,383)	\$ (8,543)	\$ (8,552)		(Line 5 + Line 6) / 2
8	Accumulated Deferred Income Tax (ADIT)		(2,407)	(2,385)	(2,355)	(2,333)	(2,328)	(2,263)	(2,193)	(2,194)	(2,213)	(2,270)	(2,314)	(2,316)		Line 7 x ADIT (2019-2020 = 27.083%)
9	Average Monthly Balance Less ADIT		\$ (6,482)	\$ (6,423)	\$ (6,341)	\$ (6,282)	\$ (6,268)	\$ (6,093)	\$ (5,904)	\$ (5,907)	\$ (5,958)	\$ (6,113)	\$ (6,230)	\$ (6,236)		Line 7 - Line 8
10	Carrying Charge (Prime Rate)		0.4375%	0.4292%	0.4158%	0.3958%	0.3958%	0.3958%	0.3958%	0.3150%	0.2708%	0.2708%	0.2708%	0.2708%		Prime Rate/12
11	Monthly Carrying Charge		\$ (28)	\$ (28)	\$ (26)	\$ (25)	\$ (25)	\$ (24)	\$ (23)	\$ (26)	\$ (22)	\$ (23)	\$ (23)	\$ (23)	(296)	Line 9 x Line 10
12	(Over)/Under Recovery plus Carrying Charge														(8,851)	Line 4 + Line 11
13	Forecasted Sales August 2020 through July 2021 (MWhs)														3,432,779	ELM-2, Pg 1, Line 13 + ELM-2, Pg 2, Line 13
14	Renewable Portfolio Standard Reconciliation Factor (\$/kWh)														\$ (0.00258)	Line 13 / Line 12
15	* Docket No. DE 19-082 12-05-2019 filing, ELM-2, Page 4, Line 21															

Public Service Company of New Hampshire d/b/a Eversource Energy
 Energy Service Cash Working Capital Requirement
 For the 12 Months Ending July 31, 2020
 Monthly Working Capital Allowance Calculation
 (\$ in 000s)

Line	Energy Service Cost	Aug 2019	Sept 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	Jul 2020	Aug-Jul Total	Source
1	Days in Month	31	30	31	30	31	31	29	31	30	31	30	31		Calendar days
2	Monthly Expense														
3	Purchased Power - Small	18,830	15,078	15,190	18,085	26,860	31,442	27,779	20,545	16,201	15,539	14,663	18,886		Attachment ELM-2, page 1, line 4
4	Purchase Power - Large	865	879	970	816	1,473	1,788	1,841	1,697	1,059	243	789	1,074		Attachment ELM-2, page 2, line 4
5	Lead Days														
6	Purchased Power - Small	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5		ELM-3, Page 3, Line 2
7	Purchase Power - Large	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8		ELM-3, Page 3, Line 3
8	Monthly Working Capital Percentage														
9	Purchased Power - Small	4.8%	4.9%	4.8%	4.9%	4.8%	4.8%	5.1%	4.8%	4.9%	4.8%	4.9%	4.8%		Line 1 / Line 6
10	Purchase Power - Large	83.4%	86.1%	83.4%	86.1%	83.4%	83.4%	89.1%	83.4%	86.1%	83.4%	86.1%	83.4%		Line 1 / Line 7
11	Monthly Working Capital Balance														
12	Purchased Power - Small	899	744	725	892	1,282	1,501	1,418	981	799	742	723	902		Line 3 x Line 9
13	Purchase Power - Large	721	757	809	703	1,228	1,490	1,640	1,415	912	202	680	895		Line 4 x Line 10
14	RPS Annual Working Capital Balance	(11,862)	(11,862)	(11,862)	(11,862)	(11,862)	(11,862)	(11,862)	(11,862)	(11,862)	(11,862)	(11,862)	(11,862)		ELM-3, Page 2, Line 4
15	Carrying Charge (Prime Rate)	0.4375%	0.4292%	0.4158%	0.3958%	0.3958%	0.3958%	0.3958%	0.3150%	0.2708%	0.2708%	0.2708%	0.2708%		Prime Rate / 12
16	Carrying Costs on Working Capital Allowance														
17	Purchased Power - Small	4	3	3	4	5	6	6	3	2	2	2	2	42	Line 12 x Line 15
18	Purchase Power - Large	3	3	3	3	5	6	6	4	2	1	2	2	42	Line 13 x Line 15
19	RPS Expense	(52)	(51)	(49)	(47)	(47)	(47)	(47)	(37)	(32)	(32)	(32)	(32)	(506)	Line 14 x Line 15

Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
For the 12 Months Ending July 31, 2020

Line No.	Description	Revenue	Cost	Net	Net	Expense ¹	Cash WC
		Lag Days	Lead Days	Lag Days	Lag %		Requirement
		(A)	(B)	(C) = (A) - (B)	(D) = (C) / 365	(E)	(F) = (D) * (E)
1	<u>Purchase Power Expense</u>						
2	Small Customers	46.10	44.62	1.48	0.41%	\$ 239,099	\$ 969
3	Large Customers	65.30	39.45	25.84	7.08%	\$ 13,493	\$ 955
4	RPS Expense	47.15	232.45	(185.29)	-50.77%	\$ 23,366	\$ (11,862)
5	Total working capital					<u>\$ 275,958</u>	<u>\$ (9,937)</u>
6	1 Attachment ELM-2, page 1&2, line 4 & page 4, line 2						
7	Column A: ELM-3, Page 4, Line 4						
8	Column B: ELM-3, Page 8, Line 3, Line 47 (Small); ELM-3, Page 9, Line 3, Line 24 (Large); ELM-3, Page 10, Line 3, Line 3 (RECs)						
9	Note: Numbers may not add due to rounding						

Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Net Lag
Year Ending December 31, 2019

<u>Line No.</u>	<u>Description</u>	<u>Revenue Lag Days</u> (A)	<u>Cost Lead Days</u> (B)	<u>Net Lag Days</u> (C) = (A) - (B)	<u>Net Lag %</u> (D) = (C) / 365	<u>Expense</u> (E)	<u>Cash WC Requirement</u> (F) = (D) * (E)
1	<u>Purchase Power Expense</u>						
2	Small Customers	46.10	44.62	1.48	0.41%	\$ 276,446	\$ 1,121
3	Large Customers	65.30	39.45	25.84	7.08%	\$ 17,219	\$ 1,219
4	<u>RPS Expense</u>	47.15	232.45	(185.29)	-50.77%	\$ 18,094	\$ (9,186)
5	Total working capital					<u>\$ 311,760</u>	<u>\$ (6,846)</u>
6	Column A: ELM-3, Page 4, Line 4, Line 21						
7	Column B: ELM-3, Page 8, Line 3, Line 47 (Small); ELM-3, Page 9, Line 3, Line 24 (Large); ELM-3, Page 10, Line 3, Line 3 (RECs)						
8	Column E: ELM-3, Page 8, Line 3, Line 47 (Small); ELM-3, Page 9, Line 3, Line 24 (Large); ELM-3, Page 10, Line 3, Line 3 (RECs)						
9	Note: Numbers may not add due to rounding						

Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2019
Revenue Lag Calculation

<u>Line No.</u>	<u>Description</u>	<u>Small Customers</u>	<u>Large Customers</u>	<u>Combined</u>	<u>Reference</u>
		(A)	(B)	(C)	(D)
1	Collection Lag	29.43	48.63	30.49	ELM-3 Page 5, Line 22
2	Meter Reading Lag	15.2	15.2	15.2	365/12/2
3	Billing Lag	<u>1.46</u>	<u>1.46</u>	<u>1.46</u>	ELM-3 Pages 6 and 7, Line 13
4	Total Revenue Lag	<u><u>46.10</u></u>	<u><u>65.30</u></u>	<u><u>47.15</u></u>	Line 1 + Line 2 + Line 3

Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2019
Collection Lag Calculation

Line No.	Customer Accounts Receivable Balance	Small Customers	Large Customers	Combined
		(A)	(B)	(C)
1	December	\$ 16,995,281	\$ 9,739,453	\$ 26,734,734
2	January	\$ 26,658,231	\$ 1,860,870	\$ 28,519,101
3	February	\$ 28,985,123	\$ 2,183,866	\$ 31,168,989
4	March	\$ 28,346,983	\$ 2,223,457	\$ 30,570,440
5	April	\$ 24,503,924	\$ 1,882,039	\$ 26,385,963
6	May	\$ 23,033,473	\$ 1,706,297	\$ 24,739,770
7	June	\$ 24,818,340	\$ 1,784,181	\$ 26,602,521
8	July	\$ 25,658,477	\$ 1,732,093	\$ 27,390,570
9	August	\$ 27,497,119	\$ 1,756,224	\$ 29,253,343
10	September	\$ 25,506,330	\$ 1,571,342	\$ 27,077,672
11	October	\$ 19,285,436	\$ 1,165,449	\$ 20,450,885
12	November	\$ 19,678,787	\$ 1,165,435	\$ 20,844,222
13	December	\$ 23,945,971	\$ 1,393,810	\$ 25,339,781
14	Average Receivable Balance	\$ 24,224,114	\$ 2,320,347	\$ 26,544,461
15	Customer Sales	Small Customers	Large Customers	Combined
		(A)	(B)	(C)
16	Commercial Sales	\$ 63,392,030	\$ 13,317,909	\$ 76,709,938
17	Industrial Sales	\$ 3,277,595	\$ 4,097,721	\$ 7,375,316
18	Public Street + Highway Lighting	\$ 451,965	\$ -	\$ 451,965
19	Residential Sales	\$ 233,270,661	\$ -	\$ 233,270,661
20	Total Revenues in A/R	\$ 300,392,251	\$ 17,415,630	\$ 317,807,881
21	Receivables Turnover	12.40	7.51	11.97 Line 20 / Line 14
22	Average age of Receivables - Age (Collection Lag)	29.43	48.63	30.49 365 / Line 21

Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2019
Billing Lag - Small Customers

<u>Line No.</u>	<u>Month</u>	<u>Billing Days</u>	<u>Accounts Receivable Balance</u>	<u>Month Weight</u>	<u>Weighted Billing Days</u>
	(A)	(B)	(C)	(D)	(E) = (B)*(D)
1	January	1.39	\$ 26,658,231	0.09	0.12
2	February	1.43	28,985,123	0.10	0.14
3	March	1.48	28,346,983	0.10	0.14
4	April	1.40	24,503,924	0.08	0.12
5	May	1.48	23,033,473	0.08	0.11
6	June	1.50	24,818,340	0.08	0.12
7	July	1.42	25,658,477	0.09	0.12
8	August	1.48	27,497,119	0.09	0.14
9	September	1.50	25,506,330	0.09	0.13
10	October	1.39	19,285,436	0.06	0.09
11	November	1.60	19,678,787	0.07	0.11
12	December	1.45	23,945,971	0.08	0.12
13				Lead Lag Days	<u><u>1.46</u></u>

Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2019
Billing Lag - Large Customers

<u>Line No.</u>	<u>Month</u>	<u>Billing Days</u>	<u>Accounts Receivable Balance</u>	<u>Month Weight</u>	<u>Weighted Billing Days</u>
	(A)	(B)	(C)	(D)	(E) = (B)*(D)
1	January	1.39	\$ 1,860,870	0.09	0.13
2	February	1.43	2,183,866	0.11	0.15
3	March	1.48	2,223,457	0.11	0.16
4	April	1.40	1,882,039	0.09	0.13
5	May	1.48	1,706,297	0.08	0.12
6	June	1.50	1,784,181	0.09	0.13
7	July	1.42	1,732,093	0.08	0.12
8	August	1.48	1,756,224	0.09	0.13
9	September	1.50	1,571,342	0.08	0.12
10	October	1.39	1,165,449	0.06	0.08
11	November	1.60	1,165,435	0.06	0.09
12	December	1.45	1,393,810	0.07	0.10
13				Lead Lag Days	<u><u>1.46</u></u>

Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2019
Purchased Power - Small Customers

Line No.	Vendor	Beginning of	End of	Midpoint of	Payment	Lead-	Payment	Dollar
		Service Period	Service Period	Service Period	Date	Lag Days		Weighted Days
		(A)	(B)	(C) = [(A)+(B)]/2	(D)	(E) = (D)-(C)	(F)	(G) = (F)*(E)
1	EXELON GENERATION COMPANY	01/01/2019	01/31/2019	01/16/2019	02/28/2019	43.0	\$ 36,005,793	\$ 1,548,249,108
2	EXELON GENERATION COMPANY	01/01/2019	01/31/2019	01/16/2019	05/31/2019	135.0	820,286	110,738,642
3	NEXTERA ENERGY POWER MARKETING	02/01/2019	02/28/2019	02/14/2019	03/29/2019	42.5	18,993,269	807,213,943
4	NEXTERA ENERGY POWER MARKETING	02/01/2019	02/28/2019	02/14/2019	06/28/2019	133.5	345,490	46,122,900
5	EXELON GENERATION COMPANY	02/01/2019	02/28/2019	02/14/2019	03/29/2019	42.5	18,381,957	781,233,167
6	EXELON GENERATION COMPANY	02/01/2019	02/28/2019	02/14/2019	06/28/2019	133.5	334,370	44,638,402
7	NEXTERA ENERGY POWER MARKETING	03/01/2019	03/31/2019	03/16/2019	04/30/2019	45.0	14,068,219	633,069,842
8	NEXTERA ENERGY POWER MARKETING	03/01/2019	03/31/2019	03/16/2019	07/31/2019	137.0	258,007	35,346,959
9	EXELON GENERATION COMPANY	03/01/2019	03/31/2019	03/16/2019	04/30/2019	45.0	14,503,670	652,665,153
10	EXELON GENERATION COMPANY	03/01/2019	03/31/2019	03/16/2019	07/31/2019	137.0	265,993	36,441,048
11	EXELON GENERATION COMPANY	04/01/2019	04/30/2019	04/15/2019	05/31/2019	45.5	9,584,618	436,100,131
12	EXELON GENERATION COMPANY	04/01/2019	04/30/2019	04/15/2019	08/30/2019	136.5	7,312	998,042
13	NEXTERA ENERGY POWER MARKETING	04/01/2019	04/30/2019	04/15/2019	05/31/2019	45.5	9,231,555	420,035,771
14	NEXTERA ENERGY POWER MARKETING	04/01/2019	04/30/2019	04/15/2019	08/30/2019	136.5	7,042	961,277
15	NEXTERA ENERGY POWER MARKETING	05/01/2019	05/31/2019	05/16/2019	06/28/2019	43.0	8,459,733	363,768,522
16	NEXTERA ENERGY POWER MARKETING	05/01/2019	05/31/2019	05/16/2019	09/30/2019	137.0	(223,210)	(30,579,810)
17	EXELON GENERATION COMPANY	05/01/2019	05/31/2019	05/16/2019	06/28/2019	43.0	8,737,188	375,699,096
18	EXELON GENERATION COMPANY	05/01/2019	05/31/2019	05/16/2019	09/30/2019	137.0	(230,531)	(31,582,742)
19	EXELON GENERATION COMPANY	06/01/2019	06/30/2019	06/15/2019	07/31/2019	45.5	8,532,117	388,211,309
20	EXELON GENERATION COMPANY	06/01/2019	06/30/2019	06/15/2019	10/31/2019	137.5	(202,570)	(27,853,422)
21	NEXTERA ENERGY POWER MARKETING	06/01/2019	06/30/2019	06/15/2019	07/31/2019	45.5	8,497,780	386,648,974
22	NEXTERA ENERGY POWER MARKETING	06/01/2019	06/30/2019	06/15/2019	10/31/2019	137.5	(201,755)	(27,741,328)
23	EXELON GENERATION COMPANY	07/01/2019	07/31/2019	07/16/2019	08/30/2019	45.0	12,722,484	572,511,780
24	EXELON GENERATION COMPANY	07/01/2019	07/31/2019	07/16/2019	11/29/2019	136.0	(13,022)	(1,770,948)
25	NEXTERA ENERGY POWER MARKETING	07/01/2019	07/31/2019	07/16/2019	08/30/2019	45.0	12,278,574	552,535,821
26	NEXTERA ENERGY POWER MARKETING	07/01/2019	07/31/2019	07/16/2019	11/29/2019	136.0	(12,567)	(1,709,158)
27	EXELON GENERATION COMPANY	08/01/2019	08/31/2019	08/16/2019	09/30/2019	45.0	4,987,870	224,454,148
28	EXELON GENERATION COMPANY	08/01/2019	08/31/2019	08/16/2019	12/31/2019	137.0	(186,599)	(25,564,012)
29	NEXTERA ENERGY POWER MARKETING	08/01/2019	08/31/2019	08/16/2019	09/30/2019	45.0	14,295,930	643,316,841
30	NEXTERA ENERGY POWER MARKETING	08/01/2019	08/31/2019	08/16/2019	12/31/2019	137.0	(534,818)	(73,270,019)
31	EXELON GENERATION COMPANY	09/01/2019	09/30/2019	09/15/2019	10/31/2019	45.5	3,996,556	181,843,300
32	EXELON GENERATION COMPANY	09/01/2019	09/30/2019	09/15/2019	01/31/2020	137.5	(119,114)	(16,378,116)
33	NEXTERA ENERGY POWER MARKETING	09/01/2019	09/30/2019	09/15/2019	10/31/2019	45.5	11,486,054	522,615,478
34	NEXTERA ENERGY POWER MARKETING	09/01/2019	09/30/2019	09/15/2019	01/31/2020	137.5	(342,331)	(47,070,507)
35	NEXTERA ENERGY POWER MARKETING	10/01/2019	10/31/2019	10/16/2019	11/29/2019	44.0	11,327,887	498,427,033
36	NEXTERA ENERGY POWER MARKETING	10/01/2019	10/31/2019	10/16/2019	02/28/2020	135.0	(125,622)	(16,958,957)
37	EXELON GENERATION COMPANY	10/01/2019	10/31/2019	10/16/2019	11/29/2019	44.0	3,887,465	171,048,467
38	EXELON GENERATION COMPANY	10/01/2019	10/31/2019	10/16/2019	02/28/2020	135.0	(43,110)	(5,819,916)
39	EXELON GENERATION COMPANY	11/01/2019	11/30/2019	11/15/2019	12/31/2019	45.5	4,736,265	215,500,065
40	EXELON GENERATION COMPANY	11/01/2019	11/30/2019	11/15/2019	03/31/2020	136.5	85,374	11,653,570
41	NEXTERA ENERGY POWER MARKETING	11/01/2019	11/30/2019	11/15/2019	12/31/2019	45.5	13,837,256	629,595,143
42	NEXTERA ENERGY POWER MARKETING	11/01/2019	11/30/2019	11/15/2019	03/31/2020	136.5	251,228	34,292,587
43	NEXTERA ENERGY POWER MARKETING	12/01/2019	12/31/2019	12/16/2019	01/31/2020	46.0	20,383,182	937,626,369
44	NEXTERA ENERGY POWER MARKETING	12/01/2019	12/31/2019	12/16/2019	04/30/2020	136.0	323,032	43,932,323
45	EXELON GENERATION COMPANY	12/01/2019	12/31/2019	12/16/2019	01/31/2020	46.0	6,938,071	319,151,256
46	EXELON GENERATION COMPANY	12/01/2019	12/31/2019	12/16/2019	04/30/2020	136.0	109,954	14,953,778
47	Average					44.62	\$ 276,446,333	\$12,335,301,309

Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2019
Purchased Power - Large Customers

Line No.	Vendor	Beginning of	End of	Midpoint of	Payment	Lead-	Payment	Dollar
		Service Period	Service Period	Service Period	Date	Lag Days		Weighted Days
		(A)	(B)	(C) = [(A)+(B)]/2	(D)	(E) = (D)-(C)	(F)	(G) = (F)*(E)
1	EXELON GENERATION COMPANY	01/01/2019	01/31/2019	01/16/2019	02/28/2019	43.0	\$ 2,415,539	\$ 103,868,195
2	EXELON GENERATION COMPANY	01/01/2019	01/31/2019	01/16/2019	05/31/2019	135.0	(239,065)	(32,273,814)
3	EXELON GENERATION COMPANY	02/01/2019	02/28/2019	02/14/2019	03/29/2019	42.5	2,742,876	116,572,231
4	EXELON GENERATION COMPANY	02/01/2019	02/28/2019	02/14/2019	06/28/2019	133.5	(349,227)	(46,621,855)
5	EXELON GENERATION COMPANY	03/01/2019	03/31/2019	03/16/2019	04/30/2019	45.0	2,201,392	99,062,625
6	EXELON GENERATION COMPANY	03/01/2019	03/31/2019	03/16/2019	07/31/2019	137.0	(248,141)	(33,995,273)
7	EXELON GENERATION COMPANY	04/01/2019	04/30/2019	04/15/2019	05/31/2019	45.5	1,551,307	70,584,470
8	EXELON GENERATION COMPANY	04/01/2019	04/30/2019	04/15/2019	08/30/2019	136.5	(182,917)	(24,968,191)
9	EXELON GENERATION COMPANY	05/01/2019	05/31/2019	05/16/2019	06/28/2019	43.0	1,405,053	60,417,293
10	EXELON GENERATION COMPANY	05/01/2019	05/31/2019	05/16/2019	09/30/2019	137.0	(77,688)	(10,643,234)
11	EXELON GENERATION COMPANY	06/01/2019	06/30/2019	06/15/2019	07/31/2019	45.5	1,073,451	48,842,031
12	EXELON GENERATION COMPANY	06/01/2019	06/30/2019	06/15/2019	10/31/2019	137.5	(10,059)	(1,383,069)
13	EXELON GENERATION COMPANY	07/01/2019	07/31/2019	07/16/2019	08/30/2019	45.0	1,497,893	67,405,184
14	EXELON GENERATION COMPANY	07/01/2019	07/31/2019	07/16/2019	11/29/2019	136.0	132,720	18,049,974
15	DYNEGY MARKETING & TRADE LLC	08/01/2019	08/31/2019	08/16/2019	09/30/2019	45.0	942,867	42,429,005
16	DYNEGY MARKETING & TRADE LLC	08/01/2019	08/31/2019	08/16/2019	12/31/2019	137.0	(32,017)	(4,386,261)
17	DYNEGY MARKETING & TRADE LLC	09/01/2019	09/30/2019	09/15/2019	10/31/2019	45.5	889,164	40,456,962
18	DYNEGY MARKETING & TRADE LLC	09/01/2019	09/30/2019	09/15/2019	01/31/2020	137.5	(137,669)	(18,929,543)
19	DYNEGY MARKETING & TRADE LLC	10/01/2019	10/31/2019	10/16/2019	11/29/2019	44.0	837,253	36,839,119
20	DYNEGY MARKETING & TRADE LLC	10/01/2019	10/31/2019	10/16/2019	02/28/2020	135.0	(56,945)	(7,687,605)
21	DYNEGY MARKETING & TRADE LLC	11/01/2019	11/30/2019	11/15/2019	12/31/2019	45.5	980,809	44,626,790
22	DYNEGY MARKETING & TRADE LLC	12/01/2019	12/31/2019	12/16/2019	01/31/2020	46.0	1,610,500	74,083,017
23	DYNEGY MARKETING & TRADE LLC	12/01/2019	12/31/2019	12/16/2019	04/30/2020	136.0	272,374	37,042,888
24	Average					39.45	\$ 17,219,471	\$ 679,390,940

Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2019
Renewable Energy Certificate Lead Summary

<u>Line No.</u>	<u>Source</u>	<u>Lead Days</u> (A)	<u>Total Payments</u> (B)	<u>Dollar Weighted Days</u> (C) = (A) * (B)	
1	Market Purchases	254.1	\$ 15,155,379	\$ 3,850,816,465	ELM-3, Page 12
2	Contract Purchases	120.8	2,939,094	355,153,668	ELM-3, Page 13
3	Average	232.4	\$ 18,094,472	\$ 4,205,970,133	

Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2019
Renewable Energy Certificate Service Period Midpoint

<u>Line No.</u>		Billed Sales (MWh) (A)	Midpoint Date (B)
1	Jan-19	321,095	1/16/19
2	Feb-19	315,763	2/14/19
3	Mar-19	287,917	3/16/19
4	Apr-19	258,487	4/15/19
5	May-19	237,335	5/16/19
6	Jun-19	236,171	6/15/19
7	Jul-19	298,222	7/16/19
8	Aug-19	339,310	8/16/19
9	Sep-19	270,585	9/15/19
10	Oct-19	221,983	10/16/19
11	Nov-19	235,221	11/15/19
12	Dec-19	310,094	12/16/19
13		Weighted Average	06/27/2019

Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2019
Renewable Energy Certificate Market Purchases

Line No.	Vendor	Transfer	Compliance Period	Payment	Lead	Dollar	
		Date	Midpoint	Date	Lag Days	Payment	Weighted Days
		(A)	(B)	(C)	(D) = (C) - (B)	(E)	(F) = (D)*(E)
1	WHITE MOUNTAIN HYDROELECTRIC	07/17/2019	06/27/2019	07/26/2019	29	\$ 16,640	\$ 482,560
2	BRIDGEWATER POWER CO	07/22/2019	06/27/2019	08/07/2019	41	194,250	7,964,250
3	BRIDGEWATER POWER CO	07/22/2019	06/27/2019	08/07/2019	41	318,800	13,070,800
4	HYDRO MANAGEMENT GROUP LLC	07/23/2019	06/27/2019	08/08/2019	42	196,773	8,264,470
5	COMMON WEALTH NEW BEDFORD ENERGY LLC	07/22/2019	06/27/2019	08/08/2019	42	64,680	2,716,560
6	COMMON WEALTH NEW BEDFORD ENERGY LLC	10/15/2019	06/27/2019	10/28/2019	123	13,611	1,674,153
7	WHITE MOUNTAIN HYDROELECTRIC	10/15/2019	06/27/2019	10/28/2019	123	43,680	5,372,640
8	WES ENERGY AND ENVIRONMENT LLC	10/15/2019	06/27/2019	10/28/2019	123	206,125	25,353,375
9	HYDRO MANAGEMENT GROUP LLC	10/18/2019	06/27/2019	10/31/2019	126	244,090	30,755,302
10	ASHUELOT RIVER HYDRO INC	11/07/2019	06/27/2019	11/22/2019	148	153,363	22,697,724
11	VITOL INC	12/12/2019	06/27/2019	12/19/2019	175	4,172,400	730,170,000
12	DIRECT ENERGY BUSINESS MARKETING	12/12/2019	06/27/2019	12/19/2019	175	1,125,000	196,875,000
13	WHITE MOUNTAIN HYDROELECTRIC	01/15/2020	06/27/2019	01/28/2020	215	11,934	2,565,810
14	COMMON WEALTH NEW BEDFORD ENERGY LLC	01/15/2020	06/27/2019	01/31/2020	218	59,609	12,994,762
15	HYDRO MANAGEMENT GROUP LLC	01/21/2020	06/27/2019	02/06/2020	224	52,411	11,740,154
16	KNOLLWOOD ENERGY OF MA LLC	01/17/2020	06/27/2019	01/31/2020	218	131,200	28,601,600
17	ASHUELOT RIVER HYDRO INC	01/27/2020	06/27/2019	02/06/2020	224	16,187	3,625,776
18	BROOKFIELD RENEWABLE TRADING & MARKETING LP	01/21/2020	06/27/2019	02/20/2020	238	135,000	32,130,000
19	BROOKFIELD RENEWABLE TRADING & MARKETING LP	03/06/2020	06/27/2019	03/26/2020	273	260,245	71,046,885
20	HYDRO MANAGEMENT GROUP LLC	03/13/2020	06/27/2019	04/10/2020	288	4,580	1,319,011
21	WES ENERGY AND ENVIRONMENT LLC	04/15/2020	06/27/2019	04/28/2020	306	398,258	121,866,872
22	WES ENERGY AND ENVIRONMENT LLC	04/15/2020	06/27/2019	04/28/2020	306	41,395	12,666,794
22	SKYVIEW VENTURES	04/22/2020	06/27/2019	05/04/2020	312	47,775	14,905,800
23	COMMON WEALTH NEW BEDFORD ENERGY LLC	01/15/2020	06/27/2019	04/28/2020	306	35,100	10,740,600
23	WHITE MOUNTAIN HYDROELECTRIC	04/15/2020	06/27/2019	04/28/2020	306	31,746	9,714,276
24	WHITE MOUNTAIN HYDROELECTRIC	04/20/2020	06/27/2019	05/05/2020	313	2,808	878,904
25	ASHUELOT RIVER HYDRO INC	04/24/2020	06/27/2019	05/07/2020	315	62,076	19,553,783
26	HYDRO MANAGEMENT GROUP LLC	04/20/2020	06/27/2019	04/29/2020	307	179,646	55,151,291
27	VITOL INC	05/27/2020	06/27/2019	06/03/2020	342	1,000,000	342,000,000
28	ENGIE ENERGY MARKETING NA, INC	05/28/2020	06/27/2019	06/04/2020	343	1,065,998	365,637,314
27	ENGIE ENERGY MARKETING NA, INC	05/28/2020	06/27/2019	06/05/2020	344	4,350,000	1,496,400,000
29	ACP		06/27/2019	06/30/2020	369	520,000	191,880,000
30	Average				254.1	\$ 15,155,379	\$ 3,850,816,465

Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2019
Renewable Energy Certificate Contract Purchases

Line No.	Vendor	Generation Period	Compliance Midpoint	Payment Date	Lead Lag Days	Total REC Quantity	Energy Service REC Quantity	Contract Price	Transfer Price	Energy Service Cash Basis	Energy Service Payment	Dollar Weighted Days
		(A)	(B)	(C)	(D) = (C) - (B)						(E)	(F) = (D)*(E)
1	BURGESS BIOPOWER LLC	1Q2019	06/27/2019	07/22/2019	25	139,057	63,664	56.36	15.82	15.82	\$ 1,007,469	\$ 25,186,718
2	BURGESS BIOPOWER LLC	2Q2019	06/27/2019	10/21/2019	116	136,098	62,309	56.36	10.50	10.50	654,243	75,892,131
3	BURGESS BIOPOWER LLC	3Q2019	06/27/2019	01/20/2020	207	78,947	36,144	56.36	14.36	14.36	518,968	107,426,333
4	BURGESS BIOPOWER LLC	4Q2019	06/27/2019	04/20/2020	298	50,053	22,915	56.36	19.75	19.75	452,580	134,868,706
5	LEMPSTER WIND LLC	Jan-19	06/27/2019	02/25/2019	(122)	7,441	3,407	10.0	25.25	10.00	34,067	(4,156,127)
6	LEMPSTER WIND LLC	Feb-19	06/27/2019	03/25/2019	(94)	6,001	2,747	10.0	10.50	10.00	27,474	(2,582,553)
7	LEMPSTER WIND LLC	Mar-19	06/27/2019	04/23/2019	(65)	6,909	3,163	10.0	10.50	10.00	31,631	(2,056,015)
8	LEMPSTER WIND LLC	Apr-19	06/27/2019	05/23/2019	(35)	6,741	3,086	10.0	10.50	10.00	30,862	(1,080,165)
9	LEMPSTER WIND LLC	May-19	06/27/2019	06/24/2019	(3)	5,048	2,311	10.0	10.50	10.00	23,111	(69,333)
10	LEMPSTER WIND LLC	Jun-19	06/27/2019	07/23/2019	26	4,162	1,905	10.0	10.50	10.00	19,055	495,420
11	LEMPSTER WIND LLC	Jul-19	06/27/2019	08/23/2019	57	2,436	1,115	10.0	10.50	10.00	11,153	635,697
12	LEMPSTER WIND LLC	Aug-19	06/27/2019	09/21/2019	86	3,039	1,391	10.0	19.75	10.00	13,913	1,196,539
13	LEMPSTER WIND LLC	Sep-19	06/27/2019	10/23/2019	118	4,644	2,126	10.0	19.75	10.00	21,261	2,508,834
14	LEMPSTER WIND LLC	Oct-19	06/27/2019	11/23/2019	149	6,296	2,882	10.0	19.75	10.00	28,825	4,294,857
15	LEMPSTER WIND LLC	Nov-19	06/27/2019	12/21/2019	177	6,282	2,876	10.0	19.75	10.00	28,760	5,090,599
16	LEMPSTER WIND LLC	Dec-19	06/27/2019	01/23/2020	210	7,803	3,572	10.0	19.75	10.00	35,724	7,502,027
17	Average					120.8	470,957	215,615			\$ 2,939,094	\$ 355,153,668

**Public Service Company of New Hampshire d/b/a Eversource Energy
 Energy Service Cash Working Capital Requirements
 Year Ending December 31, 2019
 Renewable Energy Certificate Contract Purchase Disposition**

<u>Line No.</u>	Vendor	REC Quantity (A)
	<u>Sources</u>	
1	BURGESS BIOPOWER LLC	404,155
2	LEMPSTER WIND LLC	66,802
3	Total	<hr/> 470,957
	<u>Uses</u>	
4	Contract resale	27,542
5	Market resale	227,800
6	RPS compliance	215,615
7	Total	<hr/> 470,957
8	Ratio used for RPS compliance	45.8% Line 6 / Line 3

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**Comparison of Rates Effective February 1, 2020 and Proposed Rates for Effect August 1, 2020
for Residential Service Rate R**

(A) Effective Date	(B) Charge	(C) Distribution Charge	(D) Transmission Charge	(E) Stranded Cost Recovery Charge	(F) System Benefits Charge	(G) Electricity Consumption Tax	(H) Energy Service Charge	(I) Total Rate
February 1, 2020	Customer charge (per month)	\$ 13.81						\$ 13.81
	Charge per kWh	\$ 0.04508	\$ 0.02241	\$ 0.01018	\$ 0.00743	\$ -	\$ 0.08306	\$ 0.16816
August 1, 2020 (Proposed)	Customer charge (per month)	\$ 13.81						\$ 13.81
	Charge per kWh	\$ 0.04508	\$ 0.02241	\$ 0.01018	\$ 0.00743	\$ -	\$ 0.07068	\$ 0.15578

Calculation of 550 kWh monthly bill, by rate component:

	02/01/2020	08/01/2020	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 38.60	\$ 38.60	\$ -	0.0%	0.0%
Transmission	12.33	12.33	-	0.0%	0.0%
Stranded Cost Recovery Charge	5.60	5.60	-	0.0%	0.0%
System Benefits Charge	4.09	4.09	-	0.0%	0.0%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 60.62	\$ 60.62	\$ -	0.0%	0.0%
Energy Service	45.68	38.87	(6.81)	-14.9%	-6.4%
Total	\$ 106.30	\$ 99.49	\$ (6.81)	-6.4%	-6.4%

Calculation of 600 kWh monthly bill, by rate component:

	02/01/2020	08/01/2020	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 40.86	\$ 40.86	\$ -	0.0%	0.0%
Transmission	13.45	13.45	-	0.0%	0.0%
Stranded Cost Recovery Charge	6.11	6.11	-	0.0%	0.0%
System Benefits Charge	4.46	4.46	-	0.0%	0.0%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 64.88	\$ 64.88	\$ -	0.0%	0.0%
Energy Service	49.84	42.41	(7.43)	-14.9%	-6.5%
Total	\$ 114.72	\$ 107.29	\$ (7.43)	-6.5%	-6.5%

Calculation of 650 kWh monthly bill, by rate component:

	02/01/2020	08/01/2020	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 43.11	\$ 43.11	\$ -	0.0%	0.0%
Transmission	14.57	14.57	-	0.0%	0.0%
Stranded Cost Recovery Charge	6.62	6.62	-	0.0%	0.0%
System Benefits Charge	4.83	4.83	-	0.0%	0.0%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 69.13	\$ 69.13	\$ -	0.0%	0.0%
Energy Service	53.99	45.94	(8.05)	-14.9%	-6.5%
Total	\$ 123.12	\$ 115.07	\$ (8.05)	-6.5%	-6.5%

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**Comparison of Rates Effective August 1, 2019 and Proposed Rates for Effect August 1, 2020
for Residential Service Rate R**

(A) Effective Date	(B) Charge	(C) Distribution Charge	(D) Transmission Charge	(E) Stranded Cost Recovery Charge	(F) System Benefits Charge	(G) Electricity Consumption Tax	(H) Energy Service Charge	(I) Total Rate
August 1, 2019	Customer charge (per month)	\$ 13.81						\$ 13.81
	Charge per kWh	\$ 0.04508	\$ 0.02241	\$ 0.01764	\$ 0.00586	\$ -	\$ 0.08825	\$ 0.17924
August 1, 2020 (Proposed)	Customer charge (per month)	\$ 13.81						\$ 13.81
	Charge per kWh	\$ 0.04508	\$ 0.02241	\$ 0.01018	\$ 0.00743	\$ -	\$ 0.07068	\$ 0.15578

Calculation of 550 kWh monthly bill, by rate component:

	08/01/2019	08/01/2020	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 38.60	\$ 38.60	\$ -	0.0%	0.0%
Transmission	12.33	12.33	-	0.0%	0.0%
Stranded Cost Recovery Charge	9.70	5.60	(4.10)	-42.3%	-3.6%
System Benefits Charge	3.22	4.09	0.87	27.0%	0.8%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 63.85	\$ 60.62	\$ (3.23)	-5.1%	-2.9%
Energy Service	48.54	38.87	(9.67)	-19.9%	-8.6%
Total	\$ 112.39	\$ 99.49	\$ (12.90)	-11.5%	-11.5%

Calculation of 600 kWh monthly bill, by rate component:

	08/01/2019	08/01/2020	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 40.86	\$ 40.86	\$ -	0.0%	0.0%
Transmission	13.45	13.45	-	0.0%	0.0%
Stranded Cost Recovery Charge	10.58	6.11	(4.47)	-42.2%	-3.7%
System Benefits Charge	3.52	4.46	0.94	26.7%	0.8%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 68.41	\$ 64.88	\$ (3.53)	-5.2%	-2.9%
Energy Service	52.95	42.41	(10.54)	-19.9%	-8.7%
Total	\$ 121.36	\$ 107.29	\$ (14.07)	-11.6%	-11.6%

Calculation of 650 kWh monthly bill, by rate component:

	08/01/2019	08/01/2020	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 43.11	\$ 43.11	\$ -	0.0%	0.0%
Transmission	14.57	14.57	-	0.0%	0.0%
Stranded Cost Recovery Charge	11.47	6.62	(4.85)	-42.3%	-3.7%
System Benefits Charge	3.81	4.83	1.02	26.8%	0.8%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 72.96	\$ 69.13	\$ (3.83)	-5.2%	-2.9%
Energy Service	57.36	45.94	(11.42)	-19.9%	-8.8%
Total	\$ 130.32	\$ 115.07	\$ (15.25)	-11.7%	-11.7%

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Rate Changes Proposed for Effect on August 1, 2020

Impact of Each Change on Bills including Energy Service
Rate Changes Expressed as a Percentage of Total Revenue for Each Class

Class	Distribution	Transmission	SCRC	System Benefits	Consumption Tax	Energy Service	Total Delivery and Energy
Residential	0.0%	0.0%	0.0%	0.0%	0.0%	-6.5%	-6.5%
General Service	0.0%	0.0%	0.0%	0.0%	0.0%	-7.2%	-7.2%
Primary General Service	0.0%	0.0%	0.0%	0.0%	0.0%	-7.1%	-7.1%
GV Rate B	0.0%	0.0%	0.0%	0.0%	0.0%	-3.1%	-3.1%
Total General Service	0.0%	0.0%	0.0%	0.0%	0.0%	-7.1%	-7.1%
Large General Service	0.0%	0.0%	0.0%	0.0%	0.0%	-7.8%	-7.8%
LG Rate B	0.0%	0.0%	0.0%	0.0%	0.0%	-6.7%	-6.7%
Total Large General Service	0.0%	0.0%	0.0%	0.0%	0.0%	-7.7%	-7.7%
Outdoor Lighting Rate OL	0.0%	0.0%	0.0%	0.0%	0.0%	-3.1%	-3.1%
Energy Efficient Outdoor Lt. Rate EOL	0.0%	0.0%	0.0%	0.0%	0.0%	-3.4%	-3.4%
Total Outdoor Lighting	0.0%	0.0%	0.0%	0.0%	0.0%	-3.3%	-3.3%
Total Retail	0.0%	0.0%	0.0%	0.0%	0.0%	-6.9%	-6.9%

Note:

- Residential rate impacts represent the average impact across Rate R, Water Heating and Time of Day residential rates
- General Service rate impacts represent the average impact across Rate G, Water Heating, Space Heating and Time of Day rates
- Primary General Service rate impacts represent the average impact across Rate GV, GV Rate B and Space Heating

NHPUC NO. 9 - ELECTRICITY DELIVERY
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
DBA EVERSOURCE ENERGY

11th Revised Page 90
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Rate DE

DEFAULT ENERGY SERVICE RATE DE

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Default Energy Service in conjunction with the applicable Delivery Service Rate Schedule. It is available to Customers who are not receiving Supplier Service or Self-Supply Service.

Notwithstanding any other Tariff provision or Special Contract terms, no discount shall be applied to this rate.

RATE PER MONTH

Applicable to customers receiving Delivery Service under Primary General Delivery Service Rate GV, Large General Delivery Service Rate LG and Backup Delivery Service Rate B, including any outdoor area lighting taken in conjunction with these accounts under Outdoor Lighting Delivery Service Rate OL:

	<u>Per Kilowatt-Hour</u>					
	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021
Base Rate	5.086¢	5.101¢	5.196¢	6.238¢	7.236¢	8.328¢
Reconciliation Adjustment	0.378¢	0.378¢	0.378¢	0.378¢	0.378¢	0.378¢
Renewable Portfolio Standard	0.740¢	0.740¢	0.740¢	0.740¢	0.740¢	0.740¢
RPS Adjustment Reconciliation	-0.258¢	-0.258¢	-0.258¢	-0.258¢	-0.258¢	-0.258¢
Administrative & General	0.076¢	0.076¢	0.076¢	0.076¢	0.076¢	0.076¢
<u>Large Customer Working Capital</u>	<u>0.003¢</u>	<u>0.003¢</u>	<u>0.003¢</u>	<u>0.003¢</u>	<u>0.003¢</u>	<u>0.003¢</u>
Total Rate Per Month	6.025¢	6.040¢	6.135¢	7.177¢	8.175¢	9.267¢

Applicable to all other customers:

August 2020 – January 2021
Per Kilowatt-Hour

Base Rate	6.491¢
Reconciliation Adjustment	0.029¢
Renewable Portfolio Standard	0.740¢
Renewable Portfolio Reconciliation	-0.258¢
Administrative & General	0.076¢
<u>Small Customer Working Capital</u>	<u>-0.010¢</u>
Total Rate Per Month	7.068¢

Issued: June 11, 2020

Issued by: /s/ Joseph A. Purington
Joseph A. Purington

Effective: August 1, 2020

Title: President, NH Electric Operations 000125

NHPUC NO. 9 - ELECTRICITY DELIVERY
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
DBA EVERSOURCE ENERGY

~~1140~~th Revised Page 90
Superseding ~~109~~th Revised Page 90
Rate DE

DEFAULT ENERGY SERVICE RATE DE

AVAILABILITY

Subject to the Terms and Conditions of the Tariff of which it is a part, this rate is for Default Energy Service in conjunction with the applicable Delivery Service Rate Schedule. It is available to Customers who are not receiving Supplier Service or Self-Supply Service.

Notwithstanding any other Tariff provision or Special Contract terms, no discount shall be applied to this rate.

RATE PER MONTH

Applicable to customers receiving Delivery Service under Primary General Delivery Service Rate GV, Large General Delivery Service Rate LG and Backup Delivery Service Rate B, including any outdoor area lighting taken in conjunction with these accounts under Outdoor Lighting Delivery Service Rate OL:

Per Kilowatt-Hour

	<u>February</u> <u>2020</u>	<u>March</u> <u>2020</u>	<u>April</u> <u>2020</u>	<u>May</u> <u>2020</u>	<u>June</u> <u>2020</u>	<u>July</u> <u>2020</u>
Base Rate	10.228¢	7.674¢	7.127¢	6.143¢	5.384¢	5.830¢
Reconciliation Adjustment	0.195¢	0.195¢	0.195¢	0.195¢	0.195¢	0.195¢
Renewable Portfolio Standard	0.779¢	0.779¢	0.779¢	0.779¢	0.779¢	0.779¢
Administrative & General	0.095¢	0.095¢	0.095¢	0.095¢	0.095¢	0.095¢
Total Rate Per Month	11.297¢	8.743¢	8.196¢	7.212¢	6.453¢	6.899¢

	<u>August</u> <u>2020</u>	<u>September</u> <u>2020</u>	<u>October</u> <u>2020</u>	<u>November</u> <u>2020</u>	<u>December</u> <u>2020</u>	<u>January</u> <u>2021</u>
<u>Base Rate</u>	5.086¢	5.101¢	5.196¢	6.238¢	7.236¢	8.328¢
<u>Reconciliation Adjustment</u>	0.378¢	0.378¢	0.378¢	0.378¢	0.378¢	0.378¢
<u>Renewable Portfolio Standard</u>	0.740¢	0.740¢	0.740¢	0.740¢	0.740¢	0.740¢
<u>RPS Adjustment Reconciliation</u>	-0.258¢	-0.258¢	-0.258¢	-0.258¢	-0.258¢	-0.258¢
<u>Administrative & General</u>	0.076¢	0.076¢	0.076¢	0.076¢	0.076¢	0.076¢
<u>Large Customer Working Capital</u>	0.003¢	0.003¢	0.003¢	0.003¢	0.003¢	0.003¢
<u>Total Rate Per Month</u>	6.025¢	6.040¢	6.135¢	7.177¢	8.175¢	9.267¢

Applicable to all other customers:

February-August 2020 – July 2020/January 2021
Per Kilowatt-Hour

Base Rate 7.4046.491¢

Reconciliation Adjustment	0.0298¢
Renewable Portfolio Standard	0.779740¢
<u>Renewable Portfolio Reconciliation</u>	<u>-0.258¢</u>
Administrative & General	0.07695¢
<u>Small Customer Working Capital</u>	<u>-0.0100¢</u>
Total Rate Per Month	8.3067.068¢¢

Issued: ~~December 5, 2019~~ June 11, 2020
~~William J. Quinlan~~

Issued by: /s/ Joseph A. Purington ~~/s/~~

William J. Quinlan Joseph A. Purington

Effective: ~~February~~ August 1, 2020
Electric Operations

Title: ~~President and Chief Operating Officer~~ President, NH