

REDACTED

Docket No. DE 22-021
Dated: June 16, 2022
Attachment MBP-1
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**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
ENERGY SERVICE RATE SETTING AUGUST 1, 2022 THROUGH JANUARY 31, 2023
SMALL CUSTOMERS (RATES R, G AND OL)**

Line	Small Customers (Rate R, G, & OL) Weighted Average Energy Service Rate Calculation	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	6 Month Total	Attachment/Reference	
1	Forecasted Small Customer Wholesale Energy Service Load (MWhs)	354,667	283,067	278,026	298,410	362,702	362,280	1,939,152	Attachment LJI-2 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 LJI-2 Page 1
5	Base Small Customer Energy Service Rate (\$/kWh)	\$ 0.16575	\$ 0.14881	\$ 0.14131	\$ 0.18629	\$ 0.29303	\$ 0.34303		Line 2 x Line 4	
6	Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$ (0.00187)	\$ (0.00187)	\$ (0.00187)	\$ (0.00187)	\$ (0.00187)	\$ (0.00187)		Attachment MBP-2 Page 1 Line 19	
7	Renewable Portfolio Standard Adjustment Factor (\$/kWh)	\$ 0.00800	\$ 0.00800	\$ 0.00800	\$ 0.00800	\$ 0.00800	\$ 0.00800		Attachment LJI-3 page 1	
8	Renewable Portfolio Standard Reconciliation Adjustment Factor (\$/kWh)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)		Attachment MBP-2 Page 4 Line 15	
9	A&G Adjustment Factor (\$/kWh)	\$ 0.00058	\$ 0.00058	\$ 0.00058	\$ 0.00058	\$ 0.00058	\$ 0.00058		Attachment MBP-1 Page 3 Line 8	
10	Small Customer Working Capital Adjustment Factor (\$/kWh)	\$ (0.00009)	\$ (0.00009)	\$ (0.00009)	\$ (0.00009)	\$ (0.00009)	\$ (0.00009)		Attachment MBP-1 Page 4 Line 7 + Line 18	
11	Total Small Customer Monthly Calculated Energy Service Rate (\$/kWh)	\$ 0.17155	\$ 0.15461	\$ 0.14711	\$ 0.19209	\$ 0.29883	\$ 0.34883		Sum of Line 5 to Line 10	
12	Forecasted Small Customer Total Energy Service Cost, including Working Capital Requirement	[REDACTED]							\$ 406,075,100	Line 3 x Line 11
13	Weighted Average Small Customer Energy Service Rate for the Period August 1, 2022 through January 31, 2023 (\$/kWh)								\$ 0.22566	Line 12 / Line 3

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**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
ENERGY SERVICE RATE SETTING AUGUST 1, 2022 THROUGH JANUARY 31, 2023
LARGE CUSTOMERS (RATES LG AND GV)**

Line	Large C&I (Rate LG & GV) Monthly Energy Service Rate Calculation	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	6 Month Total	Attachment/Reference	
1	Forecasted Large C&I Wholesale Energy Service Load (MWhs)	20,394	16,277	15,987	17,159	20,856	20,831	111,503	Attachment LJJ-2 Page 1	
2	Loss Factor	[REDACTED]								Company Records
3	Forecasted Large C&I Retail Energy Service Load (MWhs)	[REDACTED]								Line 1 / Line 2
4	Wholesale Contract Price (\$/MWh)	[REDACTED]								Attachment LJJ-2 Page 1
5	Base Large C&I Energy Service Rate (\$/kWh)	\$ 0.22075	\$ 0.18974	\$ 0.17175	\$ 0.24227	\$ 0.41536	\$ 0.48202		Line 2 x Line 4	
6	Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$ (0.00495)	\$ (0.00495)	\$ (0.00495)	\$ (0.00495)	\$ (0.00495)	\$ (0.00495)		Attachment MBP-2 Page 2 Line 15	
7	Renewable Portfolio Standard Adjustment Factor (\$/kWh)	\$ 0.00800	\$ 0.00800	\$ 0.00800	\$ 0.00800	\$ 0.00800	\$ 0.00800		Attachment LJJ-3 page 1	
8	Renewable Portfolio Standard Reconciliation Adjustment Factor (\$/kWh)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)		Attachment MBP-2 Page 4 Line 15	
9	A&G Adjustment Factor (\$/kWh)	\$ 0.00058	\$ 0.00058	\$ 0.00058	\$ 0.00058	\$ 0.00058	\$ 0.00058		Attachment MBP-1 Page 3 Line 8	
10	Large Customer Working Capital Adjustment Factor (\$/kWh)	\$ 0.00067	\$ 0.00067	\$ 0.00067	\$ 0.00067	\$ 0.00067	\$ 0.00067		Attachment MBP-1 Page 4 Line 14 + Line 19	
11	Total Large C&I Monthly Energy Service Rates (\$/kWh)	\$ 0.22423	\$ 0.19322	\$ 0.17523	\$ 0.24575	\$ 0.41884	\$ 0.48550		Sum of Line 5 to Line 10	

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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
FORECASTED ADMINISTRATIVE AND GENERAL EXPENSES
ENERGY SERVICE RATE SETTING AUGUST 1, 2022 THROUGH JANUARY 31, 2023
(\$ in 000's)

Line	Description	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	6 Month Total	Attachment/Reference
1	Internal Company Administrative	\$ 23	\$ 23	\$ 23	\$ 23	\$ 23	\$ 23	\$ 139	Company Forecast
2	Bad Debt Expense	297	253	244	251	289	323	1,656	Company Forecast (47.7% to ES) Per DE 19-057
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 19-057
5	Other	-	-	-	-	-	-	-	
6	Total A&G Expenses	\$ 207	\$ 162	\$ 153	\$ 160	\$ 198	\$ 232	\$ 1,112	Sum of Line 1 to Line 5
7	Forecasted Energy Service Sales August 2022 through January 2023							1,904,771	MBP-1 Page 1 Line 3 + MBP-1 Page 2 Line 3
8	A&G Adjustment Factor (\$/kWh)							\$ 0.00058	Line 6 / Line 7

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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
FORECASTED WORKING CAPITAL
ENERGY SERVICE RATE SETTING AUGUST 1, 2022 THROUGH JANUARY 31, 2023
(\$ in 000's)

Line	Description	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	6 Month Total	Attachment/Reference
1	Forecasted Small Purchased Power Expense							\$ 395,642	MBP-1 Page 1 (Line 1 * Line 4)
2	Small Purchase Power Working Capital Percent	2.61%	2.70%	2.61%	2.70%	2.61%	2.61%		MBP-3 Page 1 Line 9
3	Forecasted Small Purchased Power Working Capital Requirement							\$ 10,410	Line 1 x Line 2
4	Rate of Return (Prime Rate)	0.3333%	0.3333%	0.3333%	0.3333%	0.3333%	0.3333%		Annual Prime Rate / 12
5	Forecasted Return on Working Capital							\$ 35	Line 3 x Line 4
6	Forecasted Energy Service Sales August 2022 through January 2023								MBP-1 Page 1 Line 3 Total
7	Small Customer Working Capital Adjustment Factor (\$/kWh)							\$ 0.00002	Line 5 / Line 6
8	Forecasted Large Purchased Power Expense							\$ 31,339	MBP-1 Page 2 (Line 1 * Line 4)
9	Large Purchase Power Working Capital Percent	78.32%	80.93%	78.32%	80.93%	78.32%	78.32%		MBP-3 Page 1 Line 10
10	Forecasted Small Purchased Power Working Capital Requirement							\$ 24,722	Line 8 x Line 9
11	Rate of Return (Prime Rate)	0.3333%	0.3333%	0.3333%	0.3333%	0.3333%	0.3333%		Line 4
12	Forecasted Return on Working Capital							\$ 82	Line 10 x Line 11
13	Forecasted Energy Service Sales August 2022 through January 2023								MBP-1 Page 2 Line 3
14	Large Customer Working Capital Adjustment Factor (\$/kWh)							\$ 0.00078	Line 12 / Line 13
15	Forecasted RPS Working Capital Balance	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (63,584)	MBP-3 Page 1 Line 14
16	Rate of Return (Prime Rate)	0.3333%	0.3333%	0.3333%	0.3333%	0.3333%	0.3333%		Line 4
17	Forecasted Return on Working Capital	\$ (35)	\$ (35)	\$ (35)	\$ (35)	\$ (35)	\$ (35)	\$ (212)	Line 15 x Line 16
18	Forecasted Energy Service Sales August 2022 through January 2023							1,904,771	Line 6 + Line 13
19	RPS Working Capital Adjustment Factor (\$/kWh)							\$ (0.00011)	Line 17 / Line 18

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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
ENERGY SERVICE REVENUES AND EXPENSES RECONCILIATION
SMALL CUSTOMERS (RATES R, G, AND OL)
AUGUST 1, 2021 THROUGH JULY 31, 2022
(\$ in 000's)

Line	Description	Balance * Jul-21	Actual Aug-21	Actual Sep-21	Actual Oct-21	Actual Nov-21	Actual Dec-21	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Estimate Jun-22	Estimate Jul-22	12 Month Total	Attachment/Reference	
1	Energy Service Revenues		\$ 26,646	\$ 25,443	\$ 19,605	\$ 21,118	\$ 28,109	\$ 30,725	\$ 30,338	\$ 32,283	\$ 24,899	\$ 26,411	\$ 26,580	\$ 33,017	\$ 325,173	Company Actuals/Forecast	
2	A&G Expense		197	185	187	162	195	377	228	(136)	176	(206)	168	205	1,736	MBP-2, Page 3, Line 9	
3	Purchased Power Energy Expense		22,521	17,131	15,615	19,607	30,021	46,002	54,757	36,507	24,034	20,323	18,960	26,373	331,851	Company Actuals/Forecast	
4	Return on Purchased Power Working Capital Requirement		8	6	5	7	10	16	21	13	9	8	8	11	124	MBP-3, Page 2, Line 17	
5	Total Energy Service Expense		\$ 22,727	\$ 17,322	\$ 15,807	\$ 19,776	\$ 30,226	\$ 46,395	\$ 55,006	\$ 36,384	\$ 24,219	\$ 20,125	\$ 19,137	\$ 26,589	\$ 333,710	Line 2 + Line 3 + Line 4	
6	Monthly (Over)/Under Recovery		(3,919)	(8,122)	(3,797)	(1,342)	2,117	15,669	24,668	4,101	(680)	(6,287)	(7,443)	(6,428)		Line 5 - Line 1	
7	Beginning Monthly Balance		\$ (14,583)	\$ (18,502)	\$ (26,624)	\$ (30,421)	\$ (31,763)	\$ (29,646)	\$ (13,977)	\$ 10,692	\$ 14,792	\$ 14,112	\$ 7,825	\$ 382		Prior Month Line 8	
8	Ending Monthly Balance		\$ (14,583)	(18,502)	(26,624)	(30,421)	(31,763)	(29,646)	(13,977)	10,692	14,792	14,112	7,825	382	(6,046)	(6,046)	Line 6 + Line 7
9	Average Monthly Balance		\$ (16,543)	\$ (22,563)	\$ (28,523)	\$ (31,092)	\$ (30,705)	\$ (21,812)	\$ (1,643)	\$ 12,742	\$ 14,452	\$ 10,969	\$ 4,104	\$ (2,832)		(Line 7 + Line 8) / 2	
10	Carrying Charge Rate (Prime Rate)		0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2808%	0.2917%	0.3283%	0.3333%	0.3333%		Prime Rate/12	
11	Monthly Carrying Charge		(221)	(45)	(61)	(77)	(84)	(83)	(59)	(4)	36	42	36	14	(9)	(517)	Line 9 x Line 10
12	Retail MWH Sales		359,052	283,165	241,580	261,567	347,989	379,965	324,841	305,946	251,487	266,852	268,447	333,460		Company Actuals/Forecast	
13	(Over)/Under Recovery plus Carrying Charge		\$ (14,804)												\$ (6,563)	Line 8 + Line 11	
14	Forecasted Sales August 2022 through July 2023 (MWhs)														3,505,713	Company forecast	
15	Energy Service Reconciliation Factor (\$/kWh)														\$ (0.00187)	Line 13 / Line 14	

16 * Docket No. DE 21-077 12-09-2021 filing, ELM-2, Page 1, Lines 8 and 13

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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
ENERGY SERVICE REVENUES AND EXPENSES RECONCILIATION
LARGE CUSTOMERS (RATES LV AND GV)
AUGUST 1, 2021 THROUGH JULY 31, 2022
(\$ in 000's)

Line	Description	Balance * Jul-21	Actual Aug-21	Actual Sep-21	Actual Oct-21	Actual Nov-21	Actual Dec-21	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Estimate Jun-22	Estimate Jul-22	12 Month Total	Attachment/Reference
1	Energy Service Revenues		\$ 1,300	\$ 1,029	\$ 1,154	\$ 1,096	\$ 1,744	\$ 2,927	\$ 3,386	\$ 2,686	\$ 1,212	\$ 1,063	\$ 1,019	\$ 1,510	\$ 20,126	Company Actuals/Forecast
2	A&G Expense		11	10	15	10	11	24	12	(7)	12	(13)	9	11	105	MBP-2, Page 3, Line 10
3	Purchased Power Expense		1,428	1,124	1,098	1,076	1,538	2,703	3,753	2,372	1,332	952	1,034	1,529	19,941	Company Actuals/Forecast
4	Return on Purchased Power Working Capital Requirement		3	2	2	2	3	5	8	5	3	2	3	4	44	MBP-3, Page 2, Line 18
5	Total Energy Service Expense		\$ 1,442	\$ 1,136	\$ 1,115	\$ 1,089	\$ 1,552	\$ 2,733	\$ 3,773	\$ 2,370	\$ 1,347	\$ 942	\$ 1,046	\$ 1,544	\$ 20,090	Line 2 + Line 3 + Line 4
6	Monthly (Over)/Under Recovery		142	108	(39)	(7)	(191)	(194)	387	(316)	135	(121)	27	34		Line 5 - Line 1
7	Beginning Monthly Balance		\$ (936)	\$ (794)	\$ (687)	\$ (726)	\$ (733)	\$ (924)	\$ (1,118)	\$ (731)	\$ (1,047)	\$ (912)	\$ (1,033)	\$ (1,006)		Prior Month Line 8
8	Ending Monthly Balance		\$ (936)	(794)	(687)	(726)	(733)	(924)	(1,118)	(731)	(1,047)	(912)	(1,033)	(1,006)	(972)	Line 6 + Line 7
9	Average Monthly Balance		\$ (865)	\$ (740)	\$ (706)	\$ (729)	\$ (828)	\$ (1,021)	\$ (925)	\$ (889)	\$ (979)	\$ (972)	\$ (1,020)	\$ (989)		(Line 7 + Line 8) / 2
10	Carrying Charge Rate (Prime Rate)		0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2808%	0.2917%	0.3283%	0.3333%	0.3333%		Prime Rate/12
11	Monthly Carrying Charge		(13)	(2)	(2)	(2)	(2)	(3)	(3)	(2)	(3)	(3)	(3)	(3)	(44)	Line 9 x Line 10
12	Retail MWH Sales		19,701	15,688	19,778	16,126	19,439	24,701	16,388	15,576	17,081	16,458	14,293	17,754		Company Actuals/Forecast
13	(Over)/Under Recovery plus Carrying Charge		\$ (948)												\$ (1,016)	Line 8 + Line 11
14	Forecasted Sales August 2022 through July 2023 (MWhs)														205,064	Company forecast
15	Energy Service Reconciliation Factor (\$/kWh)														\$ (0.00495)	Line 13 / Line 14

16 * Docket No. DE 21-077 12-09-2021 filing, ELM-2, Page 2, Lines 8 and 13

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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
ADMINISTRATIVE AND GENERAL EXPENSES
AUGUST 1, 2021 THROUGH JULY 31, 2022
(\$ in 000's)

Line	Description	Actual Aug-21	Actual Sep-21	Actual Oct-21	Actual Nov-21	Actual Dec-21	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Estimate Jun-22	Estimate Jul-22	12 Month Total	Attachment/Reference
1	Internal Company Administrative	\$ 21	\$ 11	\$ 34	\$ 22	\$ 32	\$ 19	\$ 21	\$ 24	\$ 31	\$ 15	\$ 23	\$ 23	\$ 278	Company Actuals/Forecast
2	Bad Debt Expense	301	297	282	264	287	496	333	(54)	270	(120)	268	306	2,931	47% to ES per DE 19-057 Settlement Agreement
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/DE 19-057
5	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Total A&G Expenses	\$ 208	195	202	172	206	401	\$ 240	(143)	187	(219)	177	215	1,841	Sum of Line 1 to Line 5
7	Small Customer Retail MWH Sales Ratio*	94.80%	94.75%	92.43%	94.19%	94.71%	93.90%	95.20%	95.16%	93.64%	94.19%	94.94%	94.94%		Company Actual/Forecast
8	Large Customer Retail MWH Sales Ratio**	5.20%	5.25%	7.57%	5.81%	5.29%	6.10%	4.80%	4.84%	6.36%	5.81%	5.06%	5.06%		Company Actual/Forecast
9	Small Customer A&G Expenses	\$ 197	\$ 185	\$ 187	\$ 162	\$ 195	\$ 377	\$ 228	\$ (136)	\$ 176	\$ (206)	\$ 168	\$ 205	\$ 1,736	Line 6 x Line 7
10	Large Customer A&G Expenses	11	10	15	10	11	24	12	(7)	12	(13)	9	11	105	Line 6 x Line 8
11	Total A&G Expenses	208	195	202	172	206	401	240	(143)	187	(219)	177	215	1,841	Line 9 + Line 10

12 * MBP-2, Page 1, Line 12 divided by the sum of MBP-2, Page 1, Line 12 plus MBP-2, Page 2, Line 12.

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

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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
RPS REVENUES AND EXPENSES RECONCILIATION
AUGUST 1, 2021 THROUGH JULY 31, 2022
(\$ in 000's)

Line	Description	Balance * Jul-21	Actual Aug-21	Actual Sep-21	Actual Oct-21	Actual Nov-21	Actual Dec-21	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Estimate Jun-22	Estimate Jul-22	12 Month Total	Attachment/Reference
1	RPS Revenues	\$ 2,818	\$ 2,223	\$ 1,945	\$ 2,066	\$ 2,734	\$ 3,011	\$ 2,621	\$ 2,469	\$ 2,063	\$ 2,176	\$ 2,171	\$ 2,697	\$ 28,993	Company Actuals/Forecast	
2	RPS Expense - Current Month Estimate		2,630	2,719	2,003	2,040	2,553	2,983	2,994	2,608	2,356	2,222	2,244	2,788	30,139	Company Actuals/Forecast
3	RPS Expense - Adjustment		-	-	-	-	-	-	-	-	-	-	-	-	-	Company Actuals/Forecast
4	RPS Expense - Prior Year True-Up (2021)		-	-	-	-	-	-	-	-	-	-	-	-	-	Company Actuals/Forecast
5	RPS Expense - Total		2,630	2,719	2,003	2,040	2,553	2,983	2,994	2,608	2,356	2,222	2,244	2,788	30,139	Line 2 + Line 3 +Line 4
6	Return on RPS Working Capital Requirement		(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(17)	(19)	(19)	(19)	(201)	MBP-3, Page 2, Line 19
7	Monthly (Over)/Under Recovery		(204)	479	42	(42)	(196)	(43)	358	122	277	27	53	71		Line 5 + Line 6 - Line 1
8	Beginning Monthly Balance		\$ (3,445)	\$ (3,649)	\$ (3,169)	\$ (3,127)	\$ (3,169)	\$ (3,365)	\$ (3,408)	\$ (3,050)	\$ (2,928)	\$ (2,651)	\$ (2,624)	\$ (2,570)		Prior Month Line 9
9	Ending Monthly Balance	\$ (3,445)	(3,649)	(3,169)	(3,127)	(3,169)	(3,365)	(3,408)	(3,050)	(2,928)	(2,651)	(2,624)	(2,570)	(2,499)	(2,499)	Line 7 + Line 8
10	Average Monthly Balance		\$ (3,547)	\$ (3,409)	\$ (3,148)	\$ (3,148)	\$ (3,267)	\$ (3,387)	\$ (3,229)	\$ (2,989)	\$ (2,790)	\$ (2,637)	\$ (2,597)	\$ (2,535)		(Line 8 + Line 9) / 2
11	Carrying Charge Rate (Prime Rate)		0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2808%	0.2917%	0.3283%	0.3333%	0.3333%		Prime Rate/12
12	Monthly Carrying Charge	\$ (428)	\$ (10)	\$ (9)	\$ (9)	\$ (9)	\$ (9)	\$ (9)	\$ (9)	\$ (8)	\$ (8)	\$ (9)	\$ (9)	\$ (8)	\$ (533)	Line 10 x Line 11
13	(Over)/Under Recovery plus Carrying Charge	\$ (3,872)													\$ (3,032)	Line 9 + Line 12
14	Forecasted Sales August 2022 through July 2023 (MWhs)														3,710,777	MBP-2, Pg 1, Line 13 + MBP-2, Pg 2, Line 13
15	Renewable Portfolio Standard Reconciliation Factor (\$/kWh)														\$ (0.00082)	Line 13 / Line 14
16	* Docket No. DE 21-077 12-09-2021 filing, Attachment ELM-2, Page 4 (revised)															

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Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirement
For the 12 Months Ending July 31, 2023
Monthly Working Capital Allowance Calculation
(\$ in 000s)

Line	Energy Service Cost	Estimate Aug-22	Estimate Sep-22	Estimate Oct-22	Estimate Nov-22	Estimate Dec-22	Estimate Jan-23	Estimate Feb-23	Estimate Mar-23	Estimate Apr-23	Estimate May-23	Estimate Jun-23	Estimate Jul-23	12 Month Total	Reference/Source
1	Days in Month	31	30	31	30	31	31	28	31	30	31	30	31	365	
2	Monthly Expense														
3	Purchased Power - Small							\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 395,642	Attachment MBP-1, page 1
4	Purchase Power - Large							\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,339	Attachment MBP-1, page 2
5	Lead Days														
6	Purchased Power - Small	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8		Attachment MBP-3, page 4, line 2, Col. (C)
7	Purchase Power - Large	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3		Attachment MBP-3, page 4, line 3, Col. (C)
8	Monthly Working Capital Percentage														
9	Purchased Power - Small	2.6%	2.7%	2.6%	2.7%	2.6%	2.6%	2.9%	2.6%	2.7%	2.6%	2.7%	2.6%		Line 6 / Line 1
10	Purchase Power - Large	78.3%	80.9%	78.3%	80.9%	78.3%	78.3%	86.7%	78.3%	80.9%	78.3%	80.9%	78.3%		Line 7 / Line 1
11	Monthly Working Capital Balance														
12	Purchased Power - Small							\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		Line 3 x Line 9
13	Purchase Power - Large							\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		Line 4 x Line 10
14	RPS Annual Working Capital Balance	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)		Attachment MBP-3, page 3, line 4, Col. (F)
15	Carrying Charge Rate (Prime Rate)	0.3333%	0.3333%	0.3333%	0.3333%	0.3333%	0.3333%	0.3333%	0.3333%	0.3333%	0.3333%	0.3333%	0.3333%		
16	Carrying Costs on Working Capital Allowance														
17	Purchased Power - Small							\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35	Line 12 x Line 15
18	Purchase Power - Large							\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 82	Line 13 x Line 15
19	RPS Expense	\$ (35)	\$ (35)	\$ (35)	\$ (35)	\$ (35)	\$ (35)	\$ (35)	\$ (35)	\$ (35)	\$ (35)	\$ (35)	\$ (35)	\$ (424)	Line 14 x Line 15

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Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirement
For the 12 Months Ending July 31, 2022
Monthly Working Capital Allowance Calculation
(\$ in 000s)

Line	Energy Service Cost	Actual Aug-21	Actual Sep-21	Actual Oct-21	Actual Nov-21	Actual Dec-21	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Estimate Jun-22	Estimate Jul-22	12 Month Total	Reference/Source
1	Days in Month	31	30	31	30	31	31	28	31	30	31	30	31	365	
2	Monthly Expense														
3	Purchased Power - Small	\$ 22,521	\$ 17,131	\$ 15,615	\$ 19,607	\$ 30,021	\$ 46,002	\$ 54,757	\$ 36,507	\$ 24,034	\$ 20,323	\$ 18,960	\$ 26,373	\$ 331,851	Attachment MBP-2, page 1, line 3
4	Purchase Power - Large	\$ 1,428	\$ 1,124	\$ 1,098	\$ 1,076	\$ 1,538	\$ 2,703	\$ 3,753	\$ 2,372	\$ 1,332	\$ 952	\$ 1,034	\$ 1,529	\$ 19,941	Attachment MBP-2, page 2, line 3
5	Lead Days														
6	Purchased Power - Small	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9		DE 21-077 (6/17/2021) Attachment ELM-3, page 3, line 2, Col. (C)
7	Purchase Power - Large	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3		DE 21-077 (6/17/2021) Attachment ELM-3, page 3, line 3, Col. (C)
8	Monthly Working Capital Percentage														
9	Purchased Power - Small	12.7%	13.2%	12.7%	13.2%	12.7%	12.7%	14.1%	12.7%	13.2%	12.7%	13.2%	12.7%		Line 6 / Line 1
10	Purchase Power - Large	75.1%	77.6%	75.1%	77.6%	75.1%	75.1%	83.1%	75.1%	77.6%	75.1%	77.6%	75.1%		Line 7 / Line 1
11	Monthly Working Capital Balance														
12	Purchased Power - Small	\$ 2,868	\$ 2,254	\$ 1,988	\$ 2,580	\$ 3,823	\$ 5,857	\$ 7,719	\$ 4,648	\$ 3,162	\$ 2,588	\$ 2,495	\$ 3,358		Line 3 * Line 9
13	Purchase Power - Large	\$ 1,072	\$ 872	\$ 824	\$ 835	\$ 1,155	\$ 2,029	\$ 3,119	\$ 1,780	\$ 1,033	\$ 715	\$ 802	\$ 1,148		Line 4 * Line 10
14	RPS Annual Working Capital Balance	\$ (5,796)	\$ (5,796)	\$ (5,796)	\$ (5,796)	\$ (5,796)	\$ (5,796)	\$ (5,796)	\$ (5,796)	\$ (5,796)	\$ (5,796)	\$ (5,796)	\$ (5,796)		DE 21-077 (6/17/2021) Attachment ELM-3, page 2, line 4, Col. (F)
15	Carrying Charge Rate (Prime Rate)	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2808%	0.2917%	0.3283%	0.3333%	0.3333%		
16	Carrying Costs on Working Capital Allowance														
17	Purchased Power - Small	\$ 8	\$ 6	\$ 5	\$ 7	\$ 10	\$ 16	\$ 21	\$ 13	\$ 9	\$ 8	\$ 8	\$ 11	\$ 124	Line 12 * Line 15
18	Purchase Power - Large	\$ 3	\$ 2	\$ 2	\$ 2	\$ 3	\$ 5	\$ 8	\$ 5	\$ 3	\$ 2	\$ 3	\$ 4	\$ 44	Line 13 * Line 15
19	RPS Expense	\$ (16)	\$ (16)	\$ (16)	\$ (16)	\$ (16)	\$ (16)	\$ (16)	\$ (16)	\$ (17)	\$ (19)	\$ (19)	\$ (19)	\$ (201)	Line 14 * Line 15

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**Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
For the 12 Months Ending July 31, 2022**

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	45.93	45.12	0.81	0.22%	\$ 331,851	\$ 736
3	Large Customers	64.77	40.50	24.28	6.65%	\$ 19,941	\$ 1,326
4	RPS Expense	46.88	175.21	(128.34)	-35.16%	\$ 30,139	\$ (10,597)
5	Total working capital					<u>\$ 381,931</u>	<u>\$ (8,535)</u>

Expense¹ Attachment MBP-2, Pages 1 & 2, line 4; Page 4, line 2

Column A: MBP-3, Page 5, Line 4

Column B: MBP-3, Page 9, Line 43 (Small); MBP-3, Page 10, Line 24 (Large); MBP-3, Page 11, Line 3 (RECs)

Note: Numbers may not add due to rounding

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Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Net Lag
Year Ending December 31, 2021

Line No.	Description	Revenue Lag Days (A)	Cost Lead Days (B)	Net Lag Days (C) = (A) - (B)	Net Lag % (D) = (C) / 365	Expense (E)	Cash WC Requirement (F) = (D) * (E)
1	<u>Purchase Power Expense</u>						
2	Small Customers	45.93	45.12	0.81	0.22%	\$ 225,608	\$ 500
3	Large Customers	64.77	40.50	24.28	6.65%	\$ 12,273	\$ 816
4	RPS Expense	46.88	175.21	(128.34)	-35.16%	\$ 17,268	\$ (6,072)
5	Total Working Capital					<u>\$ 255,149</u>	<u>\$ (4,755)</u>

6 Column A: MBP-3, Page 5, Line 4

7 Column B: MBP-3, Page 9, Line 43 (Small); MBP-3, Page 10, Line 24 (Large); MBP-3, Page 11, Line 3 (RECs)

8 Column E: MBP-3, Page 9, Line 43 (Small); MBP-3, Page 10, Line 24 (Large); MBP-3, Page 11, Line 3 (RECs)

9 Note: Numbers may not add due to rounding

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**Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2021
Revenue Lag Calculation**

Line No.	Description	Small Customers	Large Customers	Combined	Reference
		(A)	(B)	(C)	(D)
1	Collection Lag	29.24	48.06	30.17	MBP-3 Page 6, Line 22
2	Meter Reading Lag	15.2	15.2	15.2	365/12/2
3	Billing Lag	<u>1.48</u>	<u>1.50</u>	<u>1.49</u>	MBP-3 Pages 7 and 8, Line 13
4	Total Revenue Lag	<u>45.93</u>	<u>64.77</u>	<u>46.88</u>	Sum of Line 1 to Line 3

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Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2021
Collection Lag Calculation

Line No.	Customer Accounts Receivable Balance	Small Customers	Large Customers	Combined	
		(A)	(B)	(C)	
1	December 2020	\$ 25,943,556	\$ 1,313,066	\$ 27,256,621	
2	January 2021	26,090,126	1,513,731	27,603,857	
3	February	25,433,141	1,409,440	26,842,581	
4	March	22,574,812	1,225,723	23,800,536	
5	April	20,524,712	1,110,809	21,635,520	
6	May	19,908,267	1,076,929	20,985,196	
7	June	21,146,466	1,120,535	22,267,002	
8	July	21,403,317	1,119,519	22,522,836	
9	August	21,199,705	1,098,572	22,298,277	
10	September	21,798,393	4,157,169	25,955,562	
11	October	17,940,420	3,153,011	21,093,431	
12	November	17,982,802	2,938,516	20,921,318	
13	December 2021	19,726,766	2,991,182	22,717,947	
14	Average Receivable Balance	\$ 21,667,114	\$ 1,863,708	\$ 23,530,822	Average of Line 1 to Line 13
15	Customer Sales	Small Customers	Large Customers	Combined	
		(A)	(B)	(C)	
16	Commercial Sales	\$ 53,318,490	\$ 10,730,441	\$ 64,048,931	
17	Industrial Sales	2,680,418	3,423,026	6,103,444	
18	Public Street + Highway Lighting	244,958	-	244,958	
19	Residential Sales	214,240,808	-	214,240,808	
20	Total Revenues in A/R	\$ 270,484,675	\$ 14,153,466	\$ 284,638,142	Sum of Line 16 to Line 19
21	Receivables Turnover	12.48	7.59	12.10	Line 20 / Line 14
22	Average age of Receivables - Age (Collection Lag)	29.24	48.06	30.17	365 Days / Line 21

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Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2021
Billing Lag - Small Customers

Line No.	Month	Billing Days	Accounts Receivable Balance	Month Weight	Weighted Billing Days
	(A)	(B)	(C)	(D)	(E) = (B)*(D)
1	January	1.48	\$ 26,090,126	0.10	0.15
2	February	1.54	25,433,141	0.10	0.15
3	March	1.42	22,574,812	0.09	0.13
4	April	1.40	20,524,712	0.08	0.11
5	May	1.58	19,908,267	0.08	0.12
6	June	1.40	21,146,466	0.08	0.12
7	July	1.45	21,403,317	0.08	0.12
8	August	1.42	21,199,705	0.08	0.12
9	September	1.50	21,798,393	0.09	0.13
10	October	1.58	17,940,420	0.07	0.11
11	November	1.47	17,982,802	0.07	0.10
12	December	1.58	19,726,766	0.08	<u>0.12</u>
13	Lead Lag Days	Sum of Col. (E), Line 1 to Line 12			<u>1.48</u>

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Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2021
Billing Lag - Large Customers

Line No.	Month	Billing Days	Accounts Receivable Balance	Month Weight	Weighted Billing Days
	(A)	(B)	(C)	(D)	(E) = (B)*(D)
1	January	1.48	\$ 1,513,731	0.07	0.10
2	February	1.54	1,409,440	0.06	0.09
3	March	1.42	1,225,723	0.05	0.08
4	April	1.40	1,110,809	0.05	0.07
5	May	1.58	1,076,929	0.05	0.07
6	June	1.40	1,120,535	0.05	0.07
7	July	1.45	1,119,519	0.05	0.07
8	August	1.42	1,098,572	0.05	0.07
9	September	1.50	4,157,169	0.18	0.27
10	October	1.58	3,153,011	0.14	0.22
11	November	1.47	2,938,516	0.13	0.19
12	December	1.58	2,991,182	0.13	<u>0.21</u>
13	Lead Lag Days	Sum of Col. (E), Line 1 to Line 12			<u>1.50</u>

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Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2021
Purchased Power - Small Customers

Line No.	Vendor	Beginning of Service Period (A)	End of Service Period (B)	Midpoint of Service Period (C) = [(A)+(B)]/2	Payment Date (D)	Lead-Lag Days (E) = (D)-(C)	Payment (F)	Dollar Weighted Days (G) = (F)*(E)
1	Consolidated Edison Energy, Inc.	12/1/2020	12/31/2020	12/16/2020	1/29/2021	44.00	\$ 11,338,871	\$ 498,910,330
2	Consolidated Edison Energy, Inc.	9/1/2020	10/1/2020	9/16/2020	1/29/2021	135.00	(60,754)	(8,201,779)
3	Consolidated Edison Energy, Inc.	1/1/2021	1/31/2021	1/16/2021	2/26/2021	41.00	12,968,996	531,728,853
4	Consolidated Edison Energy, Inc.	10/1/2020	10/31/2020	10/16/2020	2/26/2021	133.00	89,422	11,893,110
5	Consolidated Edison Energy, Inc.	11/1/2020	11/30/2020	11/15/2020	3/31/2021	135.50	133,717	18,118,694
6	Consolidated Edison Energy, Inc.	12/1/2020	12/31/2020	12/16/2020	4/30/2021	135.00	291,531	39,356,669
7	Consolidated Edison Energy, Inc.	1/1/2021	1/30/2021	1/15/2021	5/28/2021	132.50	503,468	66,709,563
8	Subtotal: Consolidated Edison Energy, Inc.					45.85	\$ 25,265,252	\$ 1,158,515,440
9	NextEra Energy Marketing, LLC	12/1/2020	12/31/2020	12/16/2020	1/29/2021	44.00	\$ 11,456,487	\$ 504,085,448
10	NextEra Energy Marketing, LLC	9/1/2020	9/30/2020	9/15/2020	1/29/2021	135.50	(61,490)	(8,331,919)
11	NextEra Energy Marketing, LLC	1/1/2021	1/31/2021	1/16/2021	2/26/2021	41.00	13,319,180	546,086,366
12	NextEra Energy Marketing, LLC	10/1/2020	10/31/2020	10/16/2020	2/26/2021	133.00	89,932	11,961,012
13	NextEra Energy Marketing, LLC	2/1/2021	2/28/2021	2/14/2021	3/31/2021	44.50	19,713,330	877,243,169
14	NextEra Energy Marketing, LLC	11/1/2020	11/30/2020	11/15/2020	3/31/2021	135.50	133,901	18,143,575
15	NextEra Energy Marketing, LLC	3/1/2021	3/31/2021	3/16/2021	4/30/2021	45.00	16,857,559	758,590,165
16	NextEra Energy Marketing, LLC	12/1/2020	12/31/2020	12/16/2020	4/30/2021	135.00	294,555	39,764,910
17	NextEra Energy Marketing, LLC	4/1/2021	4/30/2021	4/15/2021	5/28/2021	42.50	13,746,834	584,240,464
18	NextEra Energy Marketing, LLC	1/1/2021	1/31/2021	1/16/2021	5/28/2021	132.00	517,063	68,252,295
19	NextEra Energy Marketing, LLC	5/1/2021	5/31/2021	5/16/2021	6/30/2021	45.00	14,325,740	644,658,318
20	NextEra Energy Marketing, LLC	2/1/2021	2/28/2021	2/14/2021	6/30/2021	135.50	649,855	88,055,357
21	NextEra Energy Marketing, LLC	6/1/2021	6/30/2021	6/15/2021	7/30/2021	44.50	16,374,804	728,678,776
22	NextEra Energy Marketing, LLC	3/1/2021	3/31/2021	3/16/2021	7/30/2021	136.00	445,871	60,638,452
23	NextEra Energy Marketing, LLC	7/1/2021	7/31/2021	7/16/2021	8/31/2021	46.00	17,467,528	803,506,275
24	NextEra Energy Marketing, LLC	4/1/2021	4/30/2021	4/15/2021	8/31/2021	137.50	137,807	18,948,453
25	NextEra Energy Marketing, LLC	8/1/2021	8/31/2021	8/16/2021	9/30/2021	45.00	17,461,731	785,777,875
26	NextEra Energy Marketing, LLC	5/1/2021	5/31/2021	5/16/2021	9/30/2021	137.00	(813,855)	(111,498,114)
27	NextEra Energy Marketing, LLC	9/1/2021	9/30/2021	9/15/2021	10/29/2021	43.50	12,336,709	536,646,860
28	NextEra Energy Marketing, LLC	6/1/2021	6/30/2021	6/15/2021	10/29/2021	135.50	602,712	81,667,513
29	NextEra Energy Marketing, LLC	10/1/2021	10/31/2021	10/16/2021	11/30/2021	45.00	11,751,656	528,824,523
30	NextEra Energy Marketing, LLC	7/1/2021	7/31/2021	7/16/2021	11/30/2021	137.00	(114,376)	(15,669,524)
31	NextEra Energy Marketing, LLC	11/1/2021	11/30/2021	11/15/2021	12/31/2021	45.50	14,623,002	665,346,596
32	NextEra Energy Marketing, LLC	8/1/2021	8/31/2021	8/16/2021	12/31/2021	137.00	47,816	6,550,784
33	Subtotal: NextEra Energy Marketing, LLC					45.34	\$ 181,364,352	\$ 8,222,167,628
34	Vitol Inc.	8/1/2021	8/31/2021	8/16/2021	9/30/2021	45.00	\$ 5,945,019	\$ 267,525,833
35	Vitol Inc.	5/1/2021	5/31/2021	5/16/2021	9/30/2021	137.00	(71,441)	(9,787,458)
36	Vitol Inc.	9/1/2021	9/30/2021	9/15/2021	10/29/2021	43.50	4,236,401	184,283,454
37	Vitol Inc.	6/1/2021	6/30/2021	6/15/2021	10/29/2021	135.50	(44,964)	(6,092,634)
38	Vitol Inc.	10/1/2021	10/31/2021	10/16/2021	11/30/2021	45.00	4,099,864	184,493,896
39	Vitol Inc.	7/1/2021	7/31/2021	7/16/2021	11/30/2021	137.00	(121,982)	(16,711,563)
40	Vitol Inc.	11/1/2021	11/30/2021	11/15/2021	12/31/2021	45.50	5,256,655	239,177,792
41	Vitol Inc.	8/1/2021	8/31/2021	8/16/2021	12/31/2021	137.00	(320,874)	(43,959,676)
42	Subtotal: Vitol Inc.					42.10	\$ 18,978,678	\$ 798,929,645
43	Total - Average					45.12	\$ 225,608,282	\$ 10,179,612,713

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**Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2021
Purchased Power - Large Customers**

Line No.	Vendor	Beginning of Service Period	End of Service Period	Midpoint of Service Period	Payment Date	Lead-Lag Days	Payment	Dollar Weighted Days
		(A)	(B)	(C) = [(A)+(B)]/2	(D)	(E) = (D)-(C)	(F)	(G) = (F)*(E)
1	Exelon Generation Company, LLC	2/1/2021	2/28/2021	2/14/2021	3/31/2021	44.50	\$ 1,075,677	47,867,604
2	Exelon Generation Company, LLC	3/1/2021	3/31/2021	3/16/2021	4/30/2021	45.00	1,085,257	48,836,586
3	Exelon Generation Company, LLC	4/1/2021	4/30/2021	4/15/2021	5/28/2021	42.50	888,989	37,782,031
4	Exelon Generation Company, LLC	5/1/2021	5/31/2021	5/16/2021	6/30/2021	45.00	639,828	28,792,267
5	Exelon Generation Company, LLC	2/1/2021	2/28/2021	2/14/2021	6/30/2021	135.50	(143,599)	(19,457,613)
6	Exelon Generation Company, LLC	6/1/2021	6/30/2021	6/15/2021	7/30/2021	44.50	835,637	37,185,851
7	Exelon Generation Company, LLC	3/1/2021	3/31/2021	3/16/2021	7/30/2021	136.00	(226,527)	(30,807,653)
8	Exelon Generation Company, LLC	7/1/2021	7/31/2021	7/16/2021	8/31/2021	46.00	878,111	40,393,123
9	Exelon Generation Company, LLC	4/1/2021	4/30/2021	4/15/2021	8/31/2021	137.50	(131,649)	(18,101,669)
10	Exelon Generation Company, LLC	8/1/2021	8/31/2021	8/16/2021	9/30/2021	45.00	1,314,148	59,136,673
11	Exelon Generation Company, LLC	5/1/2021	5/31/2021	5/16/2021	9/30/2021	137.00	114,027	15,621,729
12	Exelon Generation Company, LLC	9/1/2021	9/30/2021	9/15/2021	10/29/2021	43.50	1,089,888	47,410,138
13	Exelon Generation Company, LLC	6/1/2021	6/30/2021	6/15/2021	10/29/2021	135.50	33,904	4,594,048
14	Exelon Generation Company, LLC	10/1/2021	10/31/2021	10/16/2021	11/30/2021	45.00	1,065,047	47,927,101
15	Exelon Generation Company, LLC	7/1/2021	7/31/2021	7/16/2021	11/30/2021	137.00	32,653	4,473,495
16	Exelon Generation Company, LLC	11/1/2021	11/30/2021	11/15/2021	12/31/2021	45.50	1,191,220	54,200,530
17	Exelon Generation Company, LLC	8/1/2021	8/31/2021	8/16/2021	12/31/2021	137.00	(114,856)	(15,735,273)
18	Subtotal: Exelon Generation Company, LLC					<u>40.52</u>	<u>\$ 9,627,758</u>	<u>\$ 390,118,969</u>
19	HQUS Energy Inc.	12/1/2020	12/31/2020	12/16/2020	1/29/2021	44.00	\$ 1,283,102	\$ 56,456,508
20	HQUS Energy Inc.	9/1/2020	9/30/2020	9/15/2020	1/29/2021	135.50	\$ (52,140)	(7,065,009)
21	HQUS Energy Inc.	1/1/2021	1/31/2021	1/16/2021	2/26/2021	41.00	1,419,316	58,191,938
22	HQUS Energy Inc.	10/1/2020	10/31/2020	10/16/2020	2/26/2021	<u>133.00</u>	<u>(5,407)</u>	<u>(719,072)</u>
23	Subtotal: HQUS Energy Inc.					<u>40.40</u>	<u>\$ 2,644,871</u>	<u>\$ 106,864,364</u>
24	Total - Average					<u>40.50</u>	<u>\$ 12,272,629</u>	<u>\$ 496,983,333</u>

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**Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2021
Renewable Energy Certificate Lead Summary**

Line No.	Source	Lead Days (A)	Total Payments (B)	Dollar Weighted Days (C) = (A) * (B)	
1	Market Purchases	345.8	\$ 4,615,496	\$ 1,595,984,023	MBP-3, Page 13
2	Contract Purchases	113.0	<u>12,652,430</u>	<u>1,429,578,126</u>	MBP-3, Page 14
3	Average	<u>175.2</u>	<u>\$ 17,267,925</u>	<u>\$ 3,025,562,150</u>	

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Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2021
Renewable Energy Certificate Service Period Midpoint

Line No.	Month/Year	Billed Sales (MWh)	Midpoint Date
		(A)	(B)
1	Jan-21	347,802	1/16/21
2	Feb-21	323,441	2/14/21
3	Mar-21	322,415	3/16/21
4	Apr-21	278,956	4/15/21
5	May-21	240,700	5/16/21
6	Jun-21	297,616	6/15/21
7	Jul-21	348,883	7/16/21
8	Aug-21	357,369	8/16/21
9	Sep-21	263,245	9/15/21
10	Oct-21	268,119	10/16/21
11	Nov-21	335,669	11/15/21
12	Dec-21	382,714	12/16/21
13	Jan-22		
14	Total/Weighted Average	3,766,928	7/3/2021

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**Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2021
Renewable Energy Certificate Market Purchases**

Line No.	Vendor	RPS Class	REC Vintage Year	Transfer Date	Compliance Period Midpoint	Payment Date	Lead Lag Days	# of RECs Delivered	REC Price	Payment	Dollar Weighted Days	
	(A)	(B)	(C)	(D)	(E)	(F)	(G) = (F) - (E) (G) = (K) / (J)	(H)	(I)	(J) = (H) * (I)	(K) = (G) * (J)	
1	Knollwood Energy of MA LLC	I Thermal	2021	4/15/2022	7/3/2021	4/25/2022	296	18	\$ 24.50	\$ 441	\$ 130,536	
2	WES Energy & Environment, LLC	I Thermal	2021	4/28/2022	7/3/2021	5/6/2022	307	20,707	\$ 25.75	533,205	163,694,012	
3	Subtotal	I Thermal						20,725		\$ 533,646	\$ 163,824,548	
4	Knollwood Energy of MA LLC	II	2021	6/8/2022	7/3/2021	6/15/2022	347	4,376	\$ 36.00	\$ 157,536	\$ 54,664,992	
5	3Degrees Group, Inc.	IV	2021	3/2/2022	7/3/2021	3/17/2022	257	5,155	\$ 28.99	\$ 149,443	\$ 38,406,967	
6	Knollwood Energy of MA LLC	IV	2021	4/15/2022	7/3/2021	4/25/2022	296	1,736	\$ 28.00	48,608	14,387,968	
7	Blackstone Hydro Inc	IV	2021	4/22/2022	7/3/2021	5/4/2022	305	3,940	\$ 26.25	103,425	31,544,625	
8	Blackstone Hydro Inc	IV	2021	4/22/2022	7/3/2021	5/4/2022	305	4	\$ 26.25	105	32,025	
9	Ashuelot River Hydro, Inc.	IV	2021	4/26/2022	7/3/2021	5/5/2022	306	1,200	\$ 28.00	33,600	10,281,600	
10	Hydro Management Group	IV	2021	4/25/2022	7/3/2021	5/6/2022	307	7,406	\$ 27.50	203,665	62,525,155	
11	NDGCAP LLC	IV	2021	4/29/2022	7/3/2021	5/10/2022	311	500	\$ 28.74	14,370	4,469,070	
12	NDGCAP LLC	IV	2021	4/29/2022	7/3/2021	5/10/2022	311	1,000	\$ 29.24	29,240	9,093,640	
13	NDGCAP LLC	IV	2021	4/29/2022	7/3/2021	5/10/2022	311	2,000	\$ 29.40	58,800	18,286,800	
14	Subtotal	IV						22,941		\$ 641,256	\$ 189,027,850	
15	Total REC Market Purchases							306	48,042		\$ 1,332,439	\$ 407,517,389
16	Annual Compliance Payment (ACP) (estimate)		2021		7/3/2021	6/30/2022	362			3,283,057	1,188,466,634	
17	Total - Average							345.8	48,042		\$ 4,615,496	\$ 1,595,984,023

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**Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2021
Class I Renewable Energy Certificate Contract Purchases**

<u>Line No.</u>	<u>Vendor</u>	<u>Generation Period</u>	<u>Compliance Period Midpoint</u>	<u>Payment Date</u>	<u>Lead Lag Days</u> (E) = (D) - (C)	<u>Total REC Quantity</u> (F)	<u>Energy Service REC Quantity</u> (G)	<u>Contract Price</u> (H)	<u>Transfer Price</u> (I)	<u>Energy Service Cash Basis</u> (J)	<u>Energy Service Payment</u> (K) = (G) * (J)	<u>Dollar Weighted Days</u> (L) = (E)*(K)
	(A)	(B)	(C)	(D)	(E) = (D) - (C)	(F)	(G)	(H)	(I)	(J)	(K) = (G) * (J)	(L) = (E)*(K)
1	(a) Burgess Biopower LLC	1Q2021	07/03/2021	07/20/2021	17.00	142,276	116,859	\$ 54.38	\$ 36.63	\$ 36.63	\$ 4,280,793	\$ 72,773,485
2	(b) Burgess Biopower LLC	2Q2021	07/03/2021	10/20/2021	109.00	133,078	109,304	\$ 54.38	\$ 37.25	\$ 37.25	4,071,585	443,802,790
3	(c) Burgess Biopower LLC	3Q2021	07/03/2021	01/20/2022	201.00	74,662	61,324	\$ 54.38	\$ 37.49	\$ 37.49	2,299,258	462,150,876
4	(d) Burgess Biopower LLC	4Q2021	07/03/2021	04/20/2022	291.00	47,822	39,279	\$ 54.38	\$ 38.00	\$ 38.00	1,492,596	434,345,482
5	Subtotal				116.36	397,838	326,766				\$ 12,144,233	\$ 1,413,072,633
6	Lempster Wind LLC	Jan-21	07/03/2021	02/23/2021	(130.00)	5,380	4,419	\$ 10.00	\$ 35.50	\$ 10.00	44,189	(5,744,558)
7	Lempster Wind LLC	Feb-21	07/03/2021	03/23/2021	(102.00)	5,350	4,394	\$ 10.00	\$ 37.25	\$ 10.00	43,943	(4,482,135)
8	Lempster Wind LLC	Mar-21	07/03/2021	04/23/2021	(71.00)	8,078	6,635	\$ 10.00	\$ 37.25	\$ 10.00	66,349	(4,710,784)
9	Lempster Wind LLC	Apr-21	07/03/2021	05/24/2021	(40.00)	6,192	5,086	\$ 10.00	\$ 37.25	\$ 10.00	50,858	(2,034,332)
10	Lempster Wind LLC	May-21	07/03/2021	06/23/2021	(10.00)	4,836	3,972	\$ 10.00	\$ 37.25	\$ 10.00	39,721	(397,207)
11	Lempster Wind LLC	Jun-21	07/03/2021	07/23/2021	20.00	4,104	3,371	\$ 10.00	\$ 37.25	\$ 10.00	33,708	674,168
12	Lempster Wind LLC	Jul-21	07/03/2021	08/23/2021	51.00	3,296	2,707	\$ 10.00	\$ 37.25	\$ 10.00	27,072	1,380,665
13	Lempster Wind LLC	Aug-21	07/03/2021	09/23/2021	82.00	2,580	2,119	\$ 10.00	\$ 38.00	\$ 10.00	21,191	1,737,659
14	Lempster Wind LLC	Sep-21	07/03/2021	10/25/2021	114.00	4,031	3,311	\$ 10.00	\$ 38.00	\$ 10.00	33,109	3,774,406
15	Lempster Wind LLC	Oct-21	07/03/2021	11/23/2021	143.00	4,915	4,037	\$ 10.00	\$ 38.00	\$ 10.00	40,370	5,772,854
16	Lempster Wind LLC	Nov-21	07/03/2021	12/23/2021	173.00	5,864	4,816	\$ 10.00	\$ 38.00	\$ 10.00	48,164	8,332,418
17	Lempster Wind LLC	Dec-21	07/03/2021	01/24/2022	205.00	7,247	5,952	\$ 10.00	\$ 38.00	\$ 10.00	59,524	12,202,340
18	Subtotal				32.48	61,873	50,820				\$ 508,197	\$ 16,505,494
19	Total - Average				112.99	459,711	377,586				\$ 12,652,430	\$ 1,429,578,126
	(a) Burgess Biopower LLC	Jan-21				50,237			\$ 35.50			
		Feb-21				45,368			\$ 37.25			
		Mar-21				46,671			\$ 37.25			
	Q1 Subtotal					142,276						
	(b) Burgess Biopower LLC	Apr-21				36,203			\$ 37.25			
		May-21				49,702			\$ 37.25			
		Jun-21				47,173			\$ 37.25			
	Q2 Subtotal					133,078						
	(c) Burgess Biopower LLC	Jul-21				50,412			\$ 37.25			
		Aug-21				24,250			\$ 38.00			
		Sep-21				-			\$ 38.00			
	Q3 Subtotal					74,662						
	(d) Burgess Biopower LLC	Oct-21				-			\$ 38.00			
		Nov-21				-			\$ 38.00			
		Dec-21				47,822			\$ 38.00			
	Q4 Subtotal					47,822						
	Total					397,838						

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Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirements
Year Ending December 31, 2021
Illustrative Class I REC Contract Purchase Disposition

Line No.	Vendor	REC Quantity	
1	<u>Sources of REC Quantity</u>		
2	Burgess Biopower LLC	397,838	
3	Lempster Wind LLC	61,873	
4	Total	459,711	Line 2 + Line 3
5	<u>Uses of REC Quantity</u>		
6	Contract resale - Lempster (a)	37,125	
7	Market resale - Burgess	45,000	
8	RPS compliance	377,586	Line 4 - Line 6 - Line 7
9	Total	459,711	Line 6 + Line 7 + Line 8
10	Lead Lag illustrative RPS Ratio	82.1%	Line 8 / Line 4
(a)	Less: NHEC Lempster	6,188	
	Less: Lempster option	30,937	
	Contract resale - Lempster	37,125	