

REDACTED

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

Line	Large C&I (Rate LG & GV) Monthly Energy Service Rate Calculation	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	6 Month Total	Attachment/Reference
1	Forecasted Large C&I Wholesale Energy Service Load (MWhs)	20,488	19,920	17,263	17,262	19,967	24,152	119,052	Attachment LJI-11 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 LJI-11 Page 1
5	Base Large C&I Energy Service Rate (\$/kWh)	\$ 0.47925	\$ 0.31687	\$ 0.21216	\$ 0.16607	\$ 0.14383	\$ 0.17702		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 (June 16, 2022)
7	Renewable Portfolio Standard Adjustment Factor (\$/kWh)	\$ 0.00811	\$ 0.00811	\$ 0.00811	\$ 0.00811	\$ 0.00811	\$ 0.00811		Attachment LJI-13 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 (June 16, 2022)
9	A&G Adjustment Factor (\$/kWh)	\$ 0.00063	\$ 0.00063	\$ 0.00063	\$ 0.00063	\$ 0.00063	\$ 0.00063		Attachment MBP-1 Page 3 Line 8
10	Large Customer Working Capital Adjustment Factor (\$/kWh)	\$ 0.00099	\$ 0.00099	\$ 0.00099	\$ 0.00099	\$ 0.00099	\$ 0.00099		Attachment MBP-7 Page 2 Line 14 + Line 19
11	Total Large C&I Monthly Energy Service Rates (\$/kWh)	\$ 0.48321	\$ 0.32083	\$ 0.21612	\$ 0.17003	\$ 0.14779	\$ 0.18098		Sum of Line 5 to Line 10

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Docket No. DE 22-021

Dated: January 12, 2023

Attachment MBP-7

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

Line	Description	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	6 Month Total	Attachment/Reference
1	Forecasted Small Purchased Power Expense							\$ 345,702	MBP-1 Page 1 (Line 1 * Line 4)
2	Small Purchase Power Working Capital Percent	2.89%	2.61%	2.70%	2.61%	2.70%	2.61%		MBP-4 Page 1 Line 9
3	Forecasted Small Purchased Power Working Capital Requirement							\$ 9,431	Line 1 x Line 2
4	Rate of Return (Prime Rate)	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%		Prime Rate / 12
5	Forecasted Return on Working Capital							\$ 55	Line 3 x Line 4
6	Forecasted Energy Service Sales February 2023 through July 2023								MBP-1 Page 1 Line 3 Total
7	Small Customer Working Capital Adjustment Factor (\$/kWh)							\$ 0.00003	Line 5 / Line 6
8	Forecasted Large Purchased Power Expense							\$ 28,139	MBP-7 Page 1 (Line 1 * Line 4)
9	Large Purchase Power Working Capital Percent	86.71%	78.32%	80.93%	78.32%	80.93%	78.32%		MBP-4 Page 1 Line 10
10	Forecasted Large Purchased Power Working Capital Requirement							\$ 22,976	Line 8 x Line 9
11	Rate of Return (Prime Rate)	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%		Prime Rate / 12
12	Forecasted Return on Working Capital							\$ 134	Line 10 x Line 11
13	Forecasted Energy Service Sales February 2023 through July 2023								MBP-1 Page 2 Line 3
14	Large Customer Working Capital Adjustment Factor (\$/kWh)							\$ 0.00119	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-4 Page 1 Line 14
16	Rate of Return (Prime Rate)	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%		Prime Rate / 12
17	Forecasted Return on Working Capital	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (371)	Line 15 x Line 16
18	Forecasted Energy Service Sales February 2023 through July 2023							1,873,244	Line 6 + Line 13
19	RPS Working Capital Adjustment Factor (\$/kWh)							\$ (0.00020)	Line 17 / Line 18

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**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
ENERGY SERVICE REVENUES AND EXPENSES RECONCILIATION
LARGE CUSTOMERS (RATES LG AND GV)
AUGUST 1, 2022 THROUGH JULY 31, 2023
(\$ in 000's)**

Line	Description	Balance * Jul-22	Actual Aug-22	Actual Sep-22	Actual 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	Attachment/Reference
1	Energy Service Revenues	\$ 3,951	\$ 3,984	\$ 2,928	\$ 3,864	\$ 8,105	\$ 9,406	\$ 9,205	\$ 5,896	\$ 3,403	\$ 2,652	\$ 2,648	\$ 3,960	\$ 60,004	Company Actuals/Forecast	
2	A&G Expense		10	(5)	19	8	11	13	12	12	10	10	12	13	128	Company Actuals/Forecast
3	Purchased Power Expense		4,502	3,804	3,428	3,924	8,178	9,479							61,454	Company Actuals/Forecast
4	Return on Purchased Power Working Capital Requirement		16	15	14	18	37	43	47	27	16	12	13	18	278	MBP-7, Page 5, Line 18
5	Total Energy Service Expense	\$ 4,529	\$ 3,814	\$ 3,461	\$ 3,951	\$ 8,226	\$ 9,536	\$ 9,328	\$ 5,998	\$ 3,484	\$ 2,729	\$ 2,736	\$ 4,068	\$ 61,860	Line 2 + Line 3 + Line 4	
6	Monthly (Over)/Under Recovery		578	(171)	533	87	121	129	124	102	81	77	88	108	Line 5 - Line 1	
7	Beginning Monthly Balance	\$ (1,060)	\$ (482)	\$ (653)	\$ (120)	\$ (33)	\$ 88	\$ 217	\$ 341	\$ 443	\$ 524	\$ 600	\$ 688		Prior Month Line 8	
8	Ending Monthly Balance	\$ (1,060)	(482)	(653)	(120)	(33)	88	217	341	443	524	600	688	796	Line 6 + Line 7	
9	Average Monthly Balance	\$ (771)	\$ (568)	\$ (386)	\$ (76)	\$ 27	\$ 153	\$ 279	\$ 392	\$ 483	\$ 562	\$ 644	\$ 742		(Line 7 + Line 8) / 2	
10	Carrying Charge Rate (Prime Rate)	0.45833%	0.4775%	0.5208%	0.5792%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	Prime Rate / 12	
11	Monthly Carrying Charge	(46)	(4)	(3)	(2)	(0)	0	1	2	2	3	3	4	4	(35)	Line 9 x Line 10
12	Retail MWH Sales		20,444	15,789	16,642	16,198	19,688	19,665								Company Actuals/Forecast
13	(Over)/Under Recovery plus Carrying Charge	\$ (1,106)												\$ 761	Line 8 + Line 11	
14	* Attachment MBP-7, Page 4															

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
ENERGY SERVICE REVENUES AND EXPENSES RECONCILIATION
LARGE CUSTOMERS (RATES LG 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	Actual Jun-22	Actual 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	\$ 1,404	\$ 1,728	\$ 20,729	Company Actuals	
2	A&G Expense		11	10	15	10	11	24	12	(7)	12	(13)	15	(7)	94	MBP-3, 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	1,218	1,870	20,465	Company Actuals	
4	Return on Purchased Power Working Capital Requirement		3	2	2	2	3	5	8	5	3	2	3	6	46	Company Actuals	
5	Total Energy Service Expense		\$ 1,442	\$ 1,136	\$ 1,115	\$ 1,089	\$ 1,552	\$ 2,733	\$ 3,773	\$ 2,369	\$ 1,347	\$ 942	\$ 1,236	\$ 1,869	\$ 20,605	Line 2 + Line 3 + Line 4	
6	Monthly (Over)/Under Recovery		142	108	(39)	(7)	(191)	(194)	387	(316)	135	(121)	(168)	141		Line 5 - Line 1	
7	Beginning Monthly Balance		\$ (936)	\$ (794)	\$ (687)	\$ (726)	\$ (733)	\$ (924)	\$ (1,118)	\$ (731)	\$ (1,047)	\$ (912)	\$ (1,033)	\$ (1,201)		Prior Month Line 8	
8	Ending Monthly Balance		\$ (936)	(794)	(687)	(726)	(733)	(924)	(1,118)	(731)	(1,047)	(912)	(1,033)	(1,201)	(1,060)	(1,060)	Line 6 + Line 7
9	Average Monthly Balance		\$ (865)	\$ (740)	\$ (706)	\$ (729)	\$ (828)	\$ (1,021)	\$ (925)	\$ (889)	\$ (979)	\$ (973)	\$ (1,117)	\$ (1,130)		(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%	0.3650%	0.4042%		Prime Rate / 12	
11	Monthly Carrying Charge		(13)	(2)	(2)	(2)	(2)	(3)	(3)	(2)	(3)	(3)	(4)	(5)	(46)	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	20,166	19,858		Company Actuals	
13	(Over)/Under Recovery plus Carrying Charge		\$ (948)												\$ (1,106)	Line 8 + Line 11	

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

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Docket No. DE 22-021
Dated: January 12, 2023
Attachment MBP-7
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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	Actual Aug-22	Actual Sep-22	Actual 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	Calendar Days
2	Monthly Expense														
3	Purchased Power - Small	\$ 57,062	\$ 32,173	\$ 30,653										\$ 731,132	Attachment MBP-2, page 1
4	Purchase Power - Large	\$ 4,502	\$ 3,804	\$ 3,428										\$ 61,454	Attachment MBP-2, 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		Based on Lead/Lag Study per Order No. 26,645 (June 23, 2022)
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		Based on Lead/Lag Study per Order No. 26,645 (June 23, 2022)
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	\$ 1,490	\$ 868	\$ 800											Line 3 x Line 9
13	Purchase Power - Large	\$ 3,526	\$ 3,078	\$ 2,685											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)		Based on Lead/Lag Study per Order No. 26,645 (June 23, 2022)
15	Carrying Charge Rate (Prime Rate)	0.4583%	0.4775%	0.5208%	0.5792%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%		Prime Rate / 12
16	Carrying Costs on Working Capital Allowance														
17	Purchased Power - Small	\$ 7	\$ 4	\$ 4	\$ 8	\$ 15	\$ 18	\$ 21	\$ 10	\$ 6	\$ 5	\$ 5	\$ 8	\$ 111	Line 12 x Line 15
18	Purchase Power - Large	\$ 16	\$ 15	\$ 14	\$ 18	\$ 37	\$ 43	\$ 47	\$ 27	\$ 16	\$ 12	\$ 13	\$ 18	\$ 278	Line 13 x Line 15
19	RPS Expense	\$ (49)	\$ (51)	\$ (55)	\$ (61)	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (710)	Line 14 x Line 15

Rate Changes Proposed for Effect on February 1, 2023

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

Class	Distribution	Regulatory Reconciliation Adjustment	Transmission	SCRC	System Benefits	Consumption Tax	Total Energy Service	Total Delivery and Energy
Residential	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-7.0%	-7.0%
General Service	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-7.4%	-7.4%
Primary General Service	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-10.7%	-10.7%
GV Rate B	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-8.5%	-8.5%
Total General Service	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-10.7%	-10.7%
		0.0%						
Large General Service	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-11.1%	-11.1%
LG Rate B	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-10.2%	-10.2%
Total Large General Service	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-11.0%	-11.0%
Outdoor Lighting Rate OL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-4.5%	-4.5%
Energy Efficient Outdoor Lt. Rate EOL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-5.3%	-5.3%
Total Outdoor Lighting	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-4.8%	-4.8%
Total Retail	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-8.5%	-8.5%

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. 10 - ELECTRICITY DELIVERY
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
DBA EVERSOURCE ENERGY

5th Revised Page 87
Superseding 4th Page 87
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

	February 2023	March 2023	April 2023	May 2023	June 2023	July 2023
Base Rate	47.925¢	31.687¢	21.216¢	16.607¢	14.383¢	17.702¢
RPS Adjustment Factor	0.811¢	0.811¢	0.811¢	0.811¢	0.811¢	0.811¢
Administrative and General	0.063¢	0.063¢	0.063¢	0.063¢	0.063¢	0.063¢
Reconciliation Adjustment Factor	-0.478¢	-0.478¢	-0.478¢	-0.478¢	-0.478¢	-0.478¢
Total Rate Per Month	48.321¢	32.083¢	21.612¢	17.003¢	14.779¢	18.098¢

Applicable to all other customers:

February 2023 – July 2023
Per Kilowatt-Hour

Base Rate	19.633¢
Reconciliation Adjustment	-0.286¢
Renewable Portfolio Standard	0.811¢
<u>Administrative & General</u>	<u>0.063¢</u>
Total Rate Per Month	20.221¢

Issued: January 12, 2023

Issued by: /s/ Douglas W. Foley
Douglas W. Foley

Effective: February 1, 2023

Title: President, NH Electric Operations

NHPUC NO. 10 - ELECTRICITY DELIVERY

54th Revised Page 87

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
DBA EVERSOURCE ENERGY

Superseding 43^{thrd} Page 87
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.

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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>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>
	<u>2022</u>	<u>2022</u>	<u>2022</u>	<u>2022</u>	<u>2022</u>	<u>2023</u>
<u>Base Rate</u>	22.075¢	18.974¢	17.175¢	24.227¢	41.536¢	48.202¢
<u>RPS Adjustment Factor</u>	0.800¢	0.800¢	0.800¢	0.800¢	0.800¢	0.800¢
<u>Administrative and General</u>	-.0580¢	-.0580¢	-.0580¢	-.0580¢	-.0580¢	-.0580¢
<u>Reconciliation Adjustment Factor</u>	-.0510¢	-.0510¢	-.0510¢	-.0510¢	-.0510¢	-.0510¢
<u>Total Rate Per Month</u>	22.423¢	19.322	17.523¢	24.575¢	41.884¢	48.550¢

	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>
	<u>2023</u>	<u>2023</u>	<u>2023</u>	<u>2023</u>	<u>2023</u>	<u>2023</u>
<u>Base Rate</u>	47.925¢	31.687¢	21.216¢	16.607¢	14.383¢	17.702¢
<u>RPS Adjustment Factor</u>	0.811¢	0.811¢	0.811¢	0.811¢	0.811¢	0.811¢
<u>Administrative and General</u>	0.063¢	0.063¢	0.063¢	0.063¢	0.063¢	0.063¢
<u>Reconciliation Adjustment Factor</u>	-.0478¢	-.0478¢	-.0478¢	-.0478¢	-.0478¢	-.0478¢
<u>Total Rate Per Month</u>	48.321¢	32.083¢	21.612¢	17.003¢	14.779¢	18.098¢

Applicable to all other customers:

February 2023 – July 2023
Per Kilowatt-Hour

Base Rate	19.633¢
Reconciliation Adjustment	-0.286¢
Renewable Portfolio Standard	0.811¢
<u>Administrative & General</u>	<u>0.063¢</u>
Total Rate Per Month	20.221¢

| Issued: January ~~3~~12, 2023

Issued by: /s/ Douglas W. Foley
Douglas W. Foley

Effective: February 1, 2023

Title: President, NH Electric Operations