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**THE STATE OF NEW HAMPSHIRE
BEFORE THE
PUBLIC UTILITIES COMMISSION**

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
D/B/A EVERSOURCE ENERGY**

Docket No. DE 23-043

**PETITION FOR ADJUSTMENT TO ENERGY SERVICE RATES FOR
EFFECT ON FEBRUARY 1, 2024**

Pursuant to Puc 202.01(a) and Puc 203.06, Public Service Company of New Hampshire d/b/a Eversource Energy (“Eversource”) hereby petitions the New Hampshire Public Utilities Commission (“Commission”) to approve an adjustment to its default Energy Service (“ES”) rates for effect on February 1, 2024. In support of its Petition, Eversource says the following:

1. Historically, customers taking ES from Eversource were billed an ES rate reflecting Eversource’s actual, prudent, and reasonable costs of providing power from its generating assets and supplemental market purchases, as approved by the Commission. On June 10, 2015, following extensive negotiations, Eversource and other parties filed the 2015 PSNH Restructuring and Rate Stabilization Agreement (the “2015 Agreement”), which was approved by the Commission in Order No. 25,920 (July 1, 2016), and which called for Eversource to transition to a new means of providing ES.

2. Consistent with the 2015 Agreement, on June 29, 2017, in Docket No. DE 17-113, Eversource sought Commission approval of a proposed process for procuring ES for customers on a competitive basis, rather than through its traditional method. Following discussions among parties to that docket, a Settlement Agreement was reached which set forth the method of and timing for Eversource’s transition to competitively procured ES following the sale of its thermal generating assets. That Settlement Agreement was approved by Order No. 26,092 (December 29, 2017).

3. Pursuant to the settlement in Docket No. DE 17-113, following the sale of its thermal assets, Eversource issued a Request for Proposals (“RFP”) on January 12, 2018, seeking suppliers for its competitively procured ES. Eversource has procured and provided ES through the same method since that time. By this Petition, Eversource now seeks Commission approval of the bids received from its most recent solicitation and the resulting retail rates for both the small and large ES customer groups for the period of February 1, 2024 through July 31, 2024.

4. Enclosed with this Petition are the pre-filed testimony, attachments, and exhibits of Parker Littlehale and Luann J. Lamontagne, explaining the RFP process used by Eversource and the results of the recent RFP, as well as how the RFP conformed with the settlement agreement in Docket No. DE 17-113 and Order No. 26,104. Additionally, enclosed with this Petition are the pre-filed testimony, attachments, and exhibits of Yi-An Chen and Scott R. Anderson describing Eversource’s proposed rates for both the Small customer group and the Large customer group, as well as the calculations underlying those proposed rates. For the Small customer group, the proposed fixed ES rate is \$0.08285 per kWh. For the Large customer group, the proposed monthly ES rates are:

<u>Month</u>	<u>Rate (\$/kWh)</u>
February 2024	\$0.18173
March 2024	\$0.12061
April 2024	\$0.09495
May 2024	\$0.09004
June 2024	\$0.09443
July 2024	\$0.11602

5. A hearing is scheduled for December 19, 2023 to review this submission and Eversource requests that the Commission issue an order as soon as possible thereafter, and preferably by Thursday, December 21, 2023, approving the bids and the proposed rates based on those bids and other associated rate components.

6. Consistent with the procedures in Puc 201.06 and Puc 201.07, Eversource requests that certain material, which has been filed confidentially, remain confidential and not be publicly disclosed. Specifically, Eversource seeks confidential treatment of the redacted portions of Attachments LJL-2, LJL-3, LJL-4, LJL-5, LJL-6, LJL-7, LJL-8, YC/SRA-1, and YC/SRA-4.

WHEREFORE, Eversource respectfully requests that the Commission issue a final order as soon as possible, but no later than December 21, 2023, containing the following:

1. A finding that Eversource followed the competitive solicitation process approved by the Commission, and that Eversource's analysis of bids and selection of suppliers was reasonable and appropriate;
2. A finding that the proposed retail rates are appropriately calculated and consistent with Commission precedent;
3. A finding that the proposed retail rates are just and reasonable and consistent with the public interest, subject to the ongoing obligations of Eversource to act prudently, according to law and in conformity with Commission orders;
4. Approval of the tariff changes necessary to incorporate the new rates, effective for service rendered on and after February 1, 2024; and
5. Approval of Eversource's request for confidential treatment of the designated confidential material pursuant to Puc 201.06 and Puc 201.07.

Respectfully submitted this 14th day of December, 2023.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
D/B/A EVERSOURCE ENERGY

By: /s/ David K. Wiesner
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CERTIFICATE OF SERVICE

I hereby certify that, on the date written below, I caused the attached to be served pursuant to N.H. Code Admin. Rule Puc 203.11.

Dated: December 14, 2023

/s/ David K. Wiesner
David K. Wiesner

STATE OF NEW HAMPSHIRE
BEFORE THE PUBLIC UTILITIES COMMISSION

Public Service Company of New Hampshire
d/b/a Eversource Energy
Energy Service Solicitation for
February 2024 through July 2024

DIRECT TESTIMONY OF
LUANN J. LAMONTAGNE and
PARKER LITTLEHALE

1 **I. INTRODUCTION**

2

3 **Q. Please state your name.**

4 A. My name is Luann J. LaMontagne.

5 **Q. Ms. LaMontagne, please provide your business address and title.**

6 A. My business address is 107 Selden Street, Berlin, Connecticut. I am a Senior
7 Analyst in the Electric Supply department of Eversource Energy Service Company.

8 **Q. Ms. LaMontagne, please describe your responsibilities at Eversource Energy.**

9 A. I perform the activities required to fulfill the power supply requirement obligations
10 of Public Service of New Hampshire, d/b/a Eversource Energy (“Eversource” or the
11 “Company”), including conducting solicitations for the competitive procurement of
12 power for Energy Service (at times referred to herein as “ES”) and for fulfilling
13 Renewable Portfolio Standards (“RPS”) obligations. I am also responsible for
14 ongoing activities associated with independent power producers and purchase
15 power agreements.

16

17 **Q. Please state your name.**

18 A. My name is Parker Littlehale.

19 **Q. Mr. Littlehale, please provide your business address and title.**

1 A. My business address is 247 Station Drive, Westwood, MA. I am a Manager,
2 Wholesale Power Supply, in the Electric Supply department of Eversource Energy
3 Service Company.

4 **Q. Mr. Littlehale, please describe your power procurement responsibilities at**
5 **Eversource Energy.**

6 A. I oversee the process required to fulfill the power supply requirement obligations of
7 the Company, including overseeing solicitations for the competitive procurement of
8 power for ES, and supervising the fulfillment of RPS obligations. I also manage
9 this process for Eversource Energy affiliate NSTAR of Massachusetts.

10

11 **II. PURPOSE**

12

13 **Q. What is the purpose of your testimony?**

14 A. The purpose of our testimony is to support the Company's request for Commission
15 approval of Eversource's planned procurements of full requirements power from
16 wholesale energy providers and ES rates for both the Large and Small Customer
17 groups for the period of February 1, 2024 through July 31, 2024. ES is provided to
18 retail Eversource customers who are not taking service from a competitive electric
19 power supplier or through a community power aggregation and is currently
20 provided to approximately 70% of residential customers, 22% of commercial
21 customers, and under 4% of industrial customers, which in the aggregate represent
22 about 39% of Eversource's total distribution load. Load requirements may change
23 from time to time—with a greater likelihood now that community power
24 aggregations have launched and are continuing to launch—and winning suppliers
25 are responsible for their share of Large or Small Energy Service supply regardless
26 of changes in customer demand for any reason, including daily load fluctuations,
27 increased or decreased usage, demand-side management activities, load migration
28 as community power aggregations come online, extreme weather and similar
29 events. Suppliers are required to supply their share of load for the full delivery term
30 of February 2024 through July 2024. Our testimony will describe the solicitation
31 process used by Eversource to procure full requirements power, the results of the
32 solicitation and selection of suppliers, and the development of the RPS rate adder.

1 **Q. Please provide a list of attachments to your testimony.**

- 2 A. LJL-1 Energy Service RFP for February 1, 2024 through July 31, 2024
3 LJL-2 RFP Results and Selection of Suppliers
4 LJL-3 Eversource Proxy Price
5 LJL-4 RPS Rate Adder
6 LJL-5 Executed Transaction Confirmation – HQUS Large
7 LJL-6 Executed Transaction Confirmation – Constellation Small
8 LJL-7 Executed Transaction Confirmation – NextEra Small
9 LJL-8 Table: Weighted Customer Energy Service

10 **III. ENERGY SERVICE SOLICITATION PROCESS**

11 **Q. What is the background leading to Eversource procuring Energy Service from**
12 **competitive wholesale suppliers?**

13 A. On June 10, 2015, and following extensive negotiations, Eversource and numerous
14 other parties filed the 2015 PSNH Restructuring and Rate Stabilization Agreement
15 (the “2015 Agreement”), which was approved by the Commission along with a
16 related litigation settlement in Order No. 25,920 (July 1, 2016).

17 Consistent with the 2015 Agreement, on June 29, 2017, Eversource filed a petition
18 and supporting testimony with the Commission seeking approval of a proposed
19 process for procuring and providing default ES to customers on a competitive basis,
20 rather than through its previous paradigm of a managed portfolio with owned
21 generation resources. That filing initiated Docket No. DE 17-113, “Petition for
22 Approval of Energy Service Supply Proposal.” Following discussions among the
23 parties to that docket, a Settlement Agreement was reached which described the
24 method of and timing for Eversource’s transition to competitively procured Energy
25 Service. That Settlement Agreement was approved by Order No. 26,092
26 (December 29, 2017).

27 Consistent with the Settlement Agreement in Docket No. DE 17-113, Eversource
28 conducted its initial solicitation for full requirements ES (not including RPS
29 obligations) for the period April 1 through July 31, 2018. Also consistent with that
30 Settlement Agreement, going forward, subsequent solicitations would be made for

1 service effective in the August through January, and February through July service
2 periods.

3
4 The Company has continued its procurement process consistent with the Settlement
5 Agreement in Docket No. DE 17-113, adhering to a process which includes a single
6 procurement for 100% of the ES load for each of the two six-month service periods
7 spanning February through July and August through January. Eversource's service
8 periods were established for the purpose of splitting the typically highest-cost
9 months of January and February in order to reduce price volatility.

10 **Q. Please describe the process Eversource used to procure its Energy Service**
11 **supply for February 1, 2024 through July 31, 2024.**

12 A. Eversource conducted its procurement of ES supply in accordance with applicable
13 law, Commission directives, and the Settlement Agreement approved by the
14 Commission in Order No. 26,092, and consistent with the manner of similar
15 solicitations for other companies throughout New England. On November 2, 2023,
16 Eversource issued a request for proposals ("RFP" – Attachment L JL-1) for power
17 supply services for Eversource's ES load covering both the Large and Small
18 Customer groups. Notices of the issuance of the RFP were sent to prior participants
19 in Eversource's wholesale supply solicitations and to numerous other ISO-NE
20 wholesale market participants and potential suppliers, and the RFP was posted on
21 Eversource's Wholesale Supply (New Hampshire) website. Therefore, the RFP had
22 wide distribution throughout the New England energy supply marketplace.

23 Proposals were to be stated on an "as-delivered" energy basis to Pool Transmission
24 Facilities ("PTF") within the Eversource metering domain, with prices stated
25 monthly on a fixed \$/MWh basis. Prices could vary by calendar month but were
26 required to be uniform for the entire calendar month and cover the entire delivery
27 term. The Small Customer group was divided into eight tranches and the Large
28 Customer group was divided into two tranches. This is a revision, first
29 implemented in the Eversource ES solicitation for the service period of February 1,
30 2023 through July 31, 2023, modifying previous solicitations that offered four
31 tranches for the Small Customer group and just one tranche for the Large Customer
32 group. This change is still consistent with the approved Settlement Agreement in

1 Docket No. DE 17-113, because that settlement did not contain a tranche
2 requirement. The motivation to increase the number of tranches offered was to
3 incentivize supplier participation by reducing the MWhs per tranche, therefore
4 reducing the associated risk and load uncertainty for each individual tranche. Offers
5 for the current RFP were due December 12, 2023, winning suppliers were selected
6 the same day, and transaction confirmations were executed the following day.

7

8 **Q. In Order No. 26,851, the Commission encouraged the Company to explore, for**
9 **its December energy service solicitation, the possibility of including a day-**
10 **ahead and real-time ISO-NE market-based procurement element for a portion**
11 **of its small customer group load, to include up to two 12.5% tranches of that**
12 **load, is that correct?**

13

14 A. Yes, and the Company did consider that alternative approach to default service
15 supply procurement for its November-December solicitation.

16

17 **Q. Please describe the issues considered by the Company with respect to that**
18 **potential limited direct market participation alternative.**

19 A. The monthly tracking of wholesale market prices and related wholesale load cost
20 components suggests that it may be appropriate for alternative approaches to default
21 energy procurement to be evaluated in order to mitigate the so-called “risk
22 premiums” being charged by wholesale suppliers. However, the Company’s
23 current procurement process was approved by order of the Commission, and
24 without a specific and detailed order expressly modifying that current process and
25 authorizing the Company to do something different, we were not comfortable
26 moving forward with the suggested alternative approach of limited direct market
27 participation.

28

29 **Q. Is there currently a formal regulatory investigation addressing how utility**
30 **default service supply procurement might be modified in New Hampshire?**

31 A. Yes, the Department of Energy (“DOE”) is currently conducting an investigation
32 into regulated utilities’ default service energy supply procurement, involving the
33 assistance of an outside consultant. That DOE investigation began following the
34 issuance of a final report by Commission staff in Docket No. IR 22-053 and the

1 closing of that Commission docket.¹ The Company is actively participating in the
2 DOE investigatory proceeding, and we believe it may result in recommendations
3 regarding potential changes to the current procurement process. The DOE had
4 indicated its “goal is to provide its report in December 2023 in order to inform
5 policy makers on issues related to energy service procurement under the current
6 paradigm of electric utility restructuring.”²

7
8 **Q. Does the Company have other concerns regarding direct wholesale market**
9 **participation to procure all or a portion of its default service power supply**
10 **requirements?**

11 A. Yes, the Company remains concerned that engaging in direct wholesale market
12 participation to obtain all or a portion of its default service energy supply would
13 shift risks to customers that would otherwise be borne by third-party wholesale
14 suppliers. Those risks include energy market price volatility and potential price
15 spikes, as well as unforeseeable costs passed through to regional load-serving
16 entities, such as costs related to the Mystic Station cost-of-service agreement or the
17 ISO New England Inventoried Energy Program, which would subsequently flow
18 through the Company to its customers through default energy service rates. The
19 potential for greater energy market volatility is of particular concern during the
20 winter months, when the availability of natural gas fuel supplies for electric
21 generation in New England is most constrained. Under the Company’s current
22 procurement process, all of those risks are borne by the wholesale suppliers, which
23 accounts in part for the “risk premiums” charged by the suppliers and paid by the
24 Company in connection with default service supply procurements.

25
26 **Q. Based on those issues and concerns, what conclusion did the Company reach**
27 **regarding direct market participation for a portion of the small customer**
28 **group default service load in connection with its December solicitation?**

¹ In Order No. 26,826 (May 24, 2023), the Commission indicated that it was closing the investigation docket “pending future developments with an upcoming [DOE] investigation regarding these matters.”

² See DOE Comments filed on May 18, 2023 in Docket No. IR 22-053, viewable through this link: https://www.puc.nh.gov/Regulatory/Docketbk/2022/22-053/LETTERS-MEMOS-TARIFFS/22-053_2023-05-18_NHDOE_RESPONSE-REGARDING-COMMISSION-STAFF-REPORT.PDF; DOE Order of Notice, INV 2023-001, Investigative Proceeding Relative to Energy Service Procurement (May 24, 2023).

1 A. As a result of our evaluation of the issues and concerns described above, the
2 Company decided it was premature to engage in direct wholesale market
3 participation to cover a portion of the small customer group default service load in
4 connection with the competitive solicitation issued in November and concluded on
5 December 12th. The Company remains open to considering implementation of
6 alternative default service supply procurement processes, if such processes are
7 approved in advance by the Commission, and we look forward to reviewing the
8 conclusions of the DOE investigation.
9

10 IV. ENERGY SERVICE SOLICITATION RESULTS

11 **Q. What are the decision-making criteria used by the Company to**
12 **analyze the bids received?**

13 A. Eversource takes into account the totality of the circumstances surrounding the
14 RFP and the service period that it covers. The main criteria are the number of
15 bidders participating, the number of bids received, and how the bid prices are
16 clustered, or distributed. These criteria are particularly telling regarding the state of
17 the market.
18

19 In this instance, the results for the Small Customer group satisfied all the main
20 criteria: there were several bidders, a good number of bids, and the bid prices were
21 clustered quite closely together. This combination gives the Company a high
22 degree of confidence in recommending these bids as just and reasonable and that
23 the bids and resulting rates should be approved by the Commission. Additionally,
24 the bids also all came in below the proxy price.
25

26 The Large Customer group had fewer bidders, resulting in a lower number of bids.
27 Historically, suppliers have been reluctant to bid on the Eversource Large Customer
28 group load due to a relatively small amount of load that has a high degree of
29 uncertainty and chance of customer migration, so it was not unexpected to receive
30 the bids we did. Also, the prices for bids received for the Large Customer group
31 load have historically been relatively higher than those received for the Small
32 Customer group load. However, in this solicitation, the prices of the bids accepted
33 for the Large Customer group load were below the Eversource proxy price, and the

1 Company is confident that those prices were indicative of market conditions for that
2 load and are therefore just and reasonable and should be approved by the
3 Commission.

4

5 **Q. Did Eversource have a market price expectation as to the results of the**
6 **procurement?**

7 A. In support of the decision-making criteria discussed above, Eversource
8 independently prepares a “proxy” supplier price using the Company’s internal
9 analysis to evaluate the reasonableness of the offers received. The proxy price is
10 prepared on the same date that suppliers’ bids are due, so that the Company is using
11 the most current and analogous market information to analyze the reasonableness of
12 the offers received. While a sound process properly run and robust participation are
13 the most preferred attributes of any open solicitation, a consistently calculated
14 proxy price provides a reference point that facilitates analysis of the degree of
15 market reflectiveness, and therefore reasonableness, of those offers. Eversource
16 uses the approach described below to develop such proxy prices.

17 Eversource calculates the cost of energy and capacity components (LJL-3 -
18 Eversource Proxy Price) and then applies a multiplier to account for other cost
19 elements. The energy component represents forward energy prices, and the
20 capacity component represents known regional capacity market costs. The
21 multiplier—a representation of other cost elements, including ancillary services,
22 ISO-NE administrative costs, and supplier risk premiums developed from recent
23 winning offers received in Eversource’s service territories—is applied to the energy
24 and capacity cost components and the result provides an estimate of where supplier
25 offers are expected to fall, which allows the Company to assess the market-
26 reflectiveness of bids received with a reasonable degree of certainty.

27

28 **Q. What impact, if any, did community power aggregations coming online during**
29 **the current service period have on the solicitation for the next service period?**

30 A. There are many communities within the Eversource service territory that are
31 forming or have formed community power aggregations, so there has been
32 significant migration of load to those aggregations and more is expected to occur.
33 According to the most recent data available, approximately 74,000 customers in

1 PSNH's service territory have enrolled in Community Power Aggregation.
2 Additional migration could occur at a steady pace throughout the duration of the
3 service period, or it could happen in large quantities within a relatively short period
4 of time. Eversource is unable to determine if suppliers adjusted their bid prices for
5 the next service period to account for past or future load migration to Community
6 Power Aggregators.

7

8 **Q. Did Eversource receive a sufficient number of acceptable and competitive**
9 **responses to the RFP to cover all of Eversource's ES load?**

10 A. Eversource received sufficient bids for both the Small Customer Group and the
11 Large Customer Group. Eversource evaluated these offers and selected winning
12 suppliers using Eversource's decision-making criteria, further supported by the
13 proxy prices by customer group, and accounting for current market conditions, as
14 well as compliance with non-price bidding requirements and bidder qualifications,
15 and risk relative to price and ability to serve the load. For all bids the Company
16 accepted on December 12, 2023, Eversource entered into Transaction
17 Confirmations for the service period of February 1, 2024 through July 31, 2024
18 with the winning suppliers for the Large and Small Customer groups. Together, a
19 Transaction Confirmation and a Master Power Supply Agreement ("MPSA")
20 provide the terms for the purchase of ES supply from a supplier, and both have been
21 executed for all the winning suppliers. Copies of executed Transaction
22 Confirmations are included in this filing as Confidential Attachments LJL-5, LJL-6
23 and LJL-7. Executed MPSAs with winning bidders were previously provided in
24 Docket No. DE 18-002.

25

26 **Q. Please discuss the offers received and the analysis leading to the selection of**
27 **winning suppliers.**

28 A. The offers received and the identification of the winning offers are shown in
29 Confidential Attachment LJL-2. In addition to ranking by price and the ability to
30 meet credit requirements, Eversource also considered the following regarding each
31 supplier: experience in providing similar services to Eversource, demonstrated
32 understanding of the market rules related to the provision of ES, demonstrated
33 understanding of its obligations under the MPSA, and any past or present events
34 that are known that may adversely affect a supplier's ability to provide ES.

1 Eversource has previously experienced successful full requirements power supply
2 transactions with all of the selected suppliers, and all of them performed
3 competently during the service periods for which they were selected. No suppliers
4 were downgraded by any prior experiences, and all have met the credit
5 requirements outlined by the MPSA and RFP. Eversource concluded that all
6 responding suppliers were qualified to provide ES, and therefore selections were
7 based on offered prices, taking into account the current state of the competitive
8 market.

9 **V. RENEWABLE PORTFOLIO STANDARD**

10 **Q. Previously you stated that the procurement of full requirements Energy**
11 **Service did not include RPS obligations. How will Eversource fulfill the RPS**
12 **requirements associated with Energy Service?**

13 A. In accordance with the Settlement Agreement in Docket No. DE 17-113,
14 Eversource will manage its RPS needs outside of the ES RFP process. Consistent
15 with the manner employed by Eversource for ES customers in New Hampshire over
16 many previous years, by Eversource Energy's affiliated companies in other
17 jurisdictions, and by other New Hampshire utilities, Eversource will fulfill RPS
18 requirements through purchases of Renewable Energy Certificates ("RECs") from
19 the issuance of periodic RFPs, through purchases directly from REC producers,
20 through the bilateral market for RECs, or through Alternative Compliance
21 Payments ("ACPs") made to the DOE.

22
23 Regarding fulfillment of Class I RPS requirements, Eversource will continue to
24 purchase Class I RECs from the Burgess BioPower Wind facility under an existing
25 PPA.³ The REC amounts purchased from this source may more than meet ES
26 obligation quantities, eliminating the need for other Class I purchases.

27 **Q. How will RPS requirements be reflected in Energy Service customers' rates?**

28 A. Eversource has established an RPS Adder rate based on REC class percentage
29 requirements, current REC market price information as of the full requirements

³ Eversource had previously also purchased RECs from the Lempster wind energy project pursuant to a PPA that expired by its terms on November 30, 2023.

1 power supply RFP due date, and any RECs currently existing in inventory.
2 Development of the RPS Adder is outlined in Attachment LJL-4. The RPS
3 component of ES rates will apply these factors to reflect the current expected cost
4 of RPS compliance obligations. The RPS Adder and the rate developed to recover
5 the costs of full requirements power supply procurements from suppliers comprise
6 the two components of the overall ES rate. Please refer to Mr. Anderson's
7 testimony which addresses ES rate development.

8 **Q. Are there any provisions unique to the Burgess BioPower PPA due to the**
9 **purchase requirements discussed above?**

10 A. Since the 2015 Agreement calls for the costs of such a PPA to be recovered through
11 the Stranded Cost Recovery Charge ("SCRC"), a transfer price must be set for
12 Class I RECs obtained under the PPA which are used to satisfy the RPS compliance
13 needs of ES customers. Eversource has established the Class I transfer price
14 according to the Settlement Agreement approved in Docket No. DE 17-113 and the
15 methodology described in the June 28, 2017 Joint Testimony of Shuckerow, White,
16 and Goulding in Docket No. DE 17-113. The \$/REC transfer price is the current
17 market price for Class I RECs shown in Attachment LJL-4, and the volume of Class
18 I RECs needed for RPS compliance for ES during February 2024 through July
19 2024, will be transferred at that price.

20 VI. CONCLUSION

21

22 **Q. How does Eversource view the outcome of its solicitation for the provision of**
23 **Energy Service for February 1, 2024 through July 31, 2024?**

24 A. Eversource believes the outcome of the recent RFP to be reflective of market
25 conditions, and that the bids recommended by the Company for approval in this
26 filing represent market-competitive supply rates for the Company's ES customers.
27 Eversource also urges the Commission to accept all of the proposed bids for both
28 the Small and Large Customer Groups.

29

30 **Q. Does the Company believe that the bids recommended for approval in this**
31 **filing will result in just and reasonable Energy Service rates?**

1 A. Yes.

2

3 **Q. What is the Company's schedule for the solicitation for the Energy Service**
4 **period of August 2024 through January 2025?**

5 A. Eversource plans to issue an RFP for the Small and Large Customer groups in May
6 2024 for Energy Service over the period August 1, 2024 through January 31, 2025.
7 For purposes of notice to the Commission, the following illustrates Eversource's
8 proposed schedule for the next RFP:

9 Issue RFP Thursday, May 9, 2024

10 Final Offers Due Tuesday, June 11, 2024

11 Filing Thursday, June 13, 2024

12 Requested PUC Decision No Later Than Thursday, June 20, 2024

13

14 **Q. Does that complete your testimony?**

15 A. Yes, it does.



**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE,
d/b/a Eversource Energy**

**REQUEST FOR PROPOSALS
FOR POWER SUPPLY FOR ENERGY SERVICE**

For the Delivery Term commencing
February 1, 2024

November 2, 2023

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
d/b/a EVERSOURCE ENERGY**

**REQUEST FOR PROPOSALS
FOR POWER SUPPLY
FOR ENERGY SERVICE**

November 2, 2023

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Attachment 1 - Table of Credit Exposure Limits

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
d/b/a EVERSOURCE ENERGY**

**REQUEST FOR PROPOSALS
FOR POWER SUPPLY FOR ENERGY SERVICE**

November 2, 2023

I. Introduction and Background

Public Service Company of New Hampshire, d/b/a Eversource Energy (“PSNH” or the “Company”) is requesting wholesale power supply bids to provide Full Requirements Energy Service¹ (“Energy Service”) to its customers on PSNH’s Energy Service tariff, commencing February 1, 2024. The full terms of the procurements are detailed in this Request for Proposals (“RFP”). Final bids are due on Tuesday, December 12, 2023 by 10 A.M. EPT.

PSNH is a subsidiary of Eversource Energy, with a principal place of business in Manchester, New Hampshire. PSNH is hereby issuing this RFP for power supply offers from qualified power suppliers (“Suppliers” or “Bidders”) to supply firm, load-following power to meet the Energy Service requirements (as defined below) for customer groups for February 1, 2024 through July 31, 2024 (the “Delivery Term”). Although Suppliers need not provide bids for all tranches of Energy Service, Suppliers must provide separate fixed monthly prices for each tranche of Energy Service for which bids are offered. PSNH plans to award the power supply for Energy Service based on the proposals that provide the best value and satisfy the needs of its customers.

II. Energy Service Requirement

PSNH is soliciting offers for Energy Service to supply PSNH’s “Small Customer” class consisting of customers in the following delivery service classes: Residential Rates R and R-OTOD, General Service Rates G and G-OTOD, private area lights associated with these residential and small general service accounts and billed under Outdoor Lighting Rate OL, and municipal lighting on Outdoor Lighting Rates OL and EOL; and “Large Customer” class consisting of delivery service customers in the following classes: Primary General Service Rate GV, Large General Service Rate LG, Backup Service Rate B, and any private area lighting associated with these accounts and billed under Outdoor Lighting Rate OL. Energy Service is provided to retail customers who are not taking service from a competitive supplier. Energy Service to customers can be initiated by: (a) a customer notifying PSNH that it wishes to terminate service from its competitive supplier and commence Energy Service; (b) a competitive supplier notifying PSNH that it is terminating service to a customer; (c) a competitive supplier ceasing to provide service to a customer; or (d) a new customer moving into PSNH’s service territory, who has not yet affirmatively chosen a competitive supplier. It should be noted that, for new customers in PSNH’s service territory, while that customer may initially be placed on PSNH Energy Service, Puc 2205.05(b) requires that, if there is an active municipal aggregation where the new customer is located, PSNH must provide upon request of the aggregation as frequently as monthly a list of all new customers in PSNH’s service territory, and those customers may be enrolled in the aggregation on an opt-out basis.

¹ See the attributes of “Full Requirements Energy Service” described in Section IV, “Nature of Service.”

Under this RFP, PSNH will purchase 100% of both the Small and Large Customers’ Energy Service loads for the Delivery Term. Bidders must offer to supply the entire load for the applicable Delivery Term in each customer group tranche bid upon. PSNH will consider only fixed price bids that can be evaluated on a monthly \$/MWh basis.

Small Customer Group

The Delivery Term begins on hour ending 0100 Eastern Prevailing Time (EPT) on February 1, 2024 and terminates at the end of hour ending 2400 EPT on July 31, 2024. There are eight (8) tranches of 12.5% each totaling 100% of Small Customer energy service load. The Small Customer group is comprised of the following load asset:

Zone	Asset Name	Asset ID #
NH:	PSNH SMALL CUSTOMER LOAD	752

Large Customer Group

The Delivery Term begins on hour ending 0100 EPT on February 1, 2024 and terminates at the end of hour ending 2400 EPT on July 31, 2024. There are two (2) tranches of 50% each, totaling 100% of Large Customer energy service load. The Large Customer group is comprised of the following load asset:

Zone	Asset Name	Asset ID #
NH:	PSNH LARGE CUSTOMER LOAD	43493

III. Delivery

The Energy Service supply is to be delivered to Pool Transmission Facilities (“PTF”) within the PSNH metering domain. PSNH will make arrangements for NEPOOL Regional Network Service, which provides for transmission over PTF, and Local Network Service from any applicable local transmission provider(s) within the PSNH metering domain, which provides for transmission over non-PTF facilities within the PSNH metering domain. PSNH will be billed by ISO New England Inc. (“ISO-NE”) and the applicable local transmission provider(s) for these services. PSNH will pay these bills and recover the costs, along with its distribution costs, from its customers through its retail distribution tariffs. Any other transmission or distribution costs will be the Supplier’s responsibility.

IV. Nature of Service

Each Supplier with an accepted proposal will be assigned the awarded share of the PSNH load asset in the ISO-NE settlement system; and will be required to satisfy all ISO-NE Tariff obligations associated with that load asset. The Supplier(s) of Energy Service for each customer group shall be responsible for meeting the fixed percentage of the service requirements for PSNH’s customers

in the customer group and load zone taking such service as specified above. These service requirements include delivery to the PTF within the New Hampshire load zone for the portion of the electric capacity, energy, ancillary services, and all other ISO-NE market products and expenses assessed to load serving entities required to meet the needs of PSNH's Energy Service customers pursuant to the terms of ISO-NE Tariffs and the applicable Master Power Supply Agreement ("MPSA"). All Suppliers shall be responsible for all transmission and distribution losses associated with delivery of energy from the Delivery Points as defined in the MPSA to the ultimate customers' meters.

The Supplier(s) of Energy Service are not required to provide PSNH's Renewable Portfolio Standards obligations. These requirements will be managed separately by PSNH and their forecasted costs will be included in Eversource's energy service rates submission to the New Hampshire Public Utilities Commission ("Commission") for approval.

V. Expected Loads

To help Suppliers determine the potential load requirements PSNH is providing the following information electronically via Eversource's web site at:

[https://www.eversource.com/content/nh/about/about-us/doing-business-with-us/energy-supplier-information/wholesale-supply-\(new-hampshire\)](https://www.eversource.com/content/nh/about/about-us/doing-business-with-us/energy-supplier-information/wholesale-supply-(new-hampshire))

- ❑ A copy of this RFP.
- ❑ A copy of the MPSA.
- ❑ A Bid Form.
- ❑ Aggregate historical hourly energy service load as measured at the low side of the PTF by customer group, for the period January 2015 through September 2023.
- ❑ Historical daily ICAP data, by customer group, for the period January 2015 through September 2023.

PSNH cautions Suppliers that historical load data is not a guarantee of future load volumes. It is understood and agreed that PSNH shall have no liability or responsibility to any entity resulting from the use or reliance upon any such information. Suppliers are responsible for forecasting their obligations on an hourly, daily, and monthly basis. However, PSNH will provide Suppliers with certain information to facilitate the projection of load requirements. Such data includes the history of Energy Service and peak Energy Service load, with periodic updates to such information.

Suppliers may not limit the amount of supply that may or must be purchased by PSNH in each tranche but may elect to bid only specific tranches of the load if the Supplier is willing to serve only particular customer groups or tranches within those customer groups. The amount of power supply for each customer group or tranche to be supplied by the winning Supplier(s) will be determined in accordance with the procedure contained in ARTICLE 6 of the MPSA.

Municipal aggregations have been forming and are being launched to serve customers in the PSNH Electric Service territory. The aggregation programs are designed to move customers from Energy Service to aggregation service and are administered independently. The

Commission adopted Chapter Puc 2200: Municipal and County Aggregation Rules pursuant to RSA 53-E:7, X on October 21, 2022.

To look up which municipalities have filed aggregation plans for PUC approval, suppliers can search the PUC's virtual file room, which can be found here:

<https://www.puc.nh.gov/Regulatory/VirtualFileRoom.html>. The petitioner will be the town name and the name of the docket will be "Request for Approval of XYZ's Community Power Electric Aggregation Plan".

At this time, seventeen municipal aggregations are currently enrolling since PSNH's last RFP was issued. An additional twenty-two plans have been approved by the Commission statewide. During this Delivery Term, continued load migration due to community aggregation is expected.

VI. Proposals

Each proposal must be approved by an authorized representative of the Supplier, containing the bid price information required in the Bid Form, and submitted electronically to PSNH. Suppliers must have an executed MPSA and demonstrate an ability to comply with PSNH's financial assurance requirements prior to submitting a proposal. In addition, proposals should contain explanatory, descriptive and/or supporting materials as necessary. Each proposal must conform to the requirements of Section "VII. Terms and Conditions" below; and must specify in the Bid Form the price at which the Supplier will provide Energy Service for each customer group tranche. Proposals shall be stated on an "as-delivered" energy basis with prices stated on a fixed \$/MWh basis. All Suppliers' \$/MWh bids will be rounded to two (2) decimal places for evaluation and payment purposes, i.e., to the nearest penny, regardless the format in which they are received. Prices may vary by calendar month but must be uniform for the entire calendar month and cover the entire Delivery Term of the tranche selected by the Supplier. The prices for each tranche and customer group may be different. Each tranche for each customer group will be evaluated separately and the best bids will be selected. In addition, prices may not contain demand components or vary by time-of-use within a calendar month. Proposals that contain restrictions on the amount of power supply in any tranche, or any other conditions, other than as expressly permitted herein, shall be rejected.

An authorized officer or other authorized representative of the Supplier certifies by its submission of its bid that: the Supplier has reviewed the RFP and all attachments and has investigated and informed itself with respect to all matters pertinent to the RFP and its proposal; the Supplier's proposal is submitted in compliance with all applicable federal, state and local laws and regulations, including antitrust and anti-corruption laws; and the Supplier is bidding independently and has no knowledge of the substance of any proposal being submitted by another party in response to this RFP. Violation of any of the above requirements may be reported to the appropriate government authorities.

VII. Terms and Conditions

All proposals shall constitute an offer to sell to PSNH Energy Service to the applicable customer groups and such offers shall be required to be delivered to PSNH no later than 10 A.M. EPT on Tuesday, December 12, 2023 and held open until the earlier of 5 P.M. EPT on Thursday, , December 14, 2023 or the date and time at which such offer is either accepted or rejected by PSNH and approved by Commission order. Pricing or other terms contained in such offer may not be changed or withdrawn during this period. PSNH is not required to consider submissions received after the 10 A.M. deadline on December 12.

Each winning Supplier selected by PSNH will provide Energy Service to PSNH in accordance with the terms and conditions of the MPSA. All Suppliers are required to have in place an executed MPSA and agreed form of Transaction Confirmation prior to submitting bids. Each winning Supplier will be required to execute the applicable MPSA Transaction Confirmation documents within one (1) business day of being notified that it has been selected as a winning Supplier, and to provide any required financial assurance in accordance with the terms of the MPSA.

If a Supplier does not currently have a MPSA in place and intends to request PSNH to consider any changes to the form of MPSA prepared by PSNH, such request should be presented in the form of a mark-up to the MPSA to PSNH by 4 p.m. EPT on Tuesday, November 21, 2023. PSNH is under no obligation to accept proposed mark-ups or complete the MPSA review so as to permit a timely bid submittal. A Supplier must have a fully-executed MPSA in place with PSNH prior to the submission of any proposal pursuant to this RFP.

VIII. Right to Select or Reject Supplier

Although it is PSNH's intention to select Suppliers as a result of this RFP, PSNH shall have the exclusive right to select or reject any or all of the proposals submitted, at any time and for any reason. PSNH may also disregard any bid submission not in conformance with the requirements contained in this RFP. Further, PSNH expressly reserves the right, in its sole and absolute discretion, to seek clarifications of any submissions, to negotiate to seek modifications to any submissions, to unilaterally change the schedule described herein or modify any of the rules, requirements, and procedures referenced herein, to seek additional information, to terminate the process described herein, and to invite any (or none) of the Suppliers to participate further in the process, all without prior notice to other potential parties.

A person's or an entity's preparation for this process, submission of a bid or information in response to this RFP, or participation in this process shall not operate to vest any rights in that person or entity or to create any duties or obligations for PSNH.

IX: Supplier Requirements for Energy Service

Each Supplier must obtain all necessary regulatory and other approvals prior to submission of a proposal that are required to enable it to provide the applicable service. Each Supplier responding to this RFP must meet certain conditions, including, but not limited to:

- A. Each Supplier must be a member of NEPOOL and have an accepted Market Participant Service Agreement and settlement account established with ISO-NE and be in good

standing and in compliance with all ISO-NE Policies (including, without limitation, the Financial Assurance Policy) at the time of its proposal submission and throughout the Delivery Term;

- B. Demonstrate that it has the financial resources to perform its obligations. Further, the Supplier must be prepared to provide financial assurances and instruments satisfactory to PSNH to cover PSNH's costs in the event of a Supplier default. PSNH shall calculate the potential exposure associated with a Supplier default, and in the event such exposure exceeds the applicable unsecured credit rating limit referenced in Attachment 1, the Supplier shall be required to provide an irrevocable letter of credit or other security in a form and amount and from an issuer acceptable to PSNH. If the Supplier requires a Guarantor to satisfy these credit requirements, the Supplier shall deliver to PSNH prior to bid submission a guaranty in a form acceptable to PSNH for prompt payment by the Guarantor when due of all present and future payment obligations of the Supplier in an amount that is no less than \$5 million;
- C. Demonstrate its own experience and qualifications (not that of its affiliates or special purpose entities) to provide the Energy Service offered;
- D. Commit to assisting and cooperating with PSNH in any regulatory or judicial process relating to the proposed purchase, at the Supplier's expense;
- E. Demonstrate the ability to meet the labeling and disclosure requirements of New Hampshire regulations.
- F. Each Supplier must be authorized by the Federal Energy Regulatory Commission to sell wholesale power at market rates.
- G. Comply with the requirements set forth in this RFP.

X. Retail Customer Relationships

All customers taking Energy Service covered by this RFP remain retail customers of PSNH. As the retail provider, PSNH performs all billing and customer service functions for all Energy Service customers.

XI. Regulatory Approval

Any agreement(s) entered into for the delivery of Energy Service pursuant to this solicitation will be subject to the Commission's approval, through a Commission order, of the results of PSNH's solicitation for Energy Service. Section 3.2 of the PSNH MPSA reflects this review standard. The Supplier is responsible for obtaining any applicable regulatory approvals for its obligations as stated above and for satisfying any reporting requirements of the Federal Energy Regulatory Commission.

XII. Process and Schedule

A. Schedule

PSNH intends to adhere to the following schedule, although it reserves the right to modify the schedule at any time at its sole discretion:

Request for Proposals Issued	Thursday, November 2, 2023
Final Bids due	<u>Tuesday, December 12, 2023 – 10:00 a.m. EPT</u>
Award Group selected	Tuesday, December 12, 2023, no later than 3:00 p.m. EPT
Transaction Confirmation Documents Executed	Wednesday, December 13, 2023
PUC Filing	Thursday, December 14, 2023
PUC Hearing	Tuesday, December 19, 2023
Requested PUC Decision	No Later Than Thursday, December 21, 2023
Service Begins	February 1, 2024

B. Communications

All offers for supply must be made by E-mail, addressed to both the primary and alternate contact listed below.

All other communications regarding this RFP may be made by E-mail, or addressed to:

E-mail: luann.lamontagne@eversource.com

E-mail : parker.littlehale@eversource.com

Public Service Company of New Hampshire, d/b/a Eversource Energy
107 Selden Street
Berlin, CT 06037
Attn: Luann LaMontagne
Parker Littlehale Fax: 860-665-4583

If you have any questions, please call either:

Primary Contact: Luann LaMontagne (860) 665-3108 (Office)
Alternate: Parker Littlehale (781) 441-8714 (Office)

C. Confidentiality

PSNH agrees that it shall use commercially reasonable efforts to treat the non-public information it receives from Suppliers in a confidential manner and will not, except as required by law or in a regulatory proceeding, disclose such information to any third party or use such information for any purpose other than in connection with this RFP; provided, that, in any regulatory, administrative, or judicial proceeding in which confidential information is sought, PSNH shall take reasonable steps to limit disclosure and use of said confidential information through the use of non-disclosure agreements or orders seeking protective treatment, and shall inform the Supplier if confidential information is being sought. Notwithstanding the foregoing, in any regulatory proceeding in which such confidential information is sought and a request for confidential treatment is made to the Commission, PSNH shall not be responsible in the event that it is determined that the request for treating information in a confidential manner is not warranted. The Supplier shall be required to use commercially reasonable efforts to treat all information received from PSNH in a confidential manner and will not, except as required by law or in a regulatory proceeding, disclose such information to any third party.

D. Evaluation

Proposals will be evaluated on the following criteria:

1. Lowest evaluated bid price by customer group;
2. Compliance with non-price bidding requirements and bidder qualifications;
and
3. Risk relative to price and ability to serve the load.

In evaluating bid prices, PSNH will evaluate monthly bids using a forecast of the monthly Energy Service load.

Attachment 1**Table of Credit Exposure Limits**

This table sets forth the maximum unsecured credit exposure that PSNH may have to any individual entity based on its credit rating tier. The applicable credit rating tier is based on an entity's senior unsecured debt ratings, or in the absence of such ratings, the entity's Corporate Credit ratings. In the case of split credit ratings, the lower of such ratings shall apply unless such ratings differ by more than one tier, in which case, one tier above the lower of such ratings shall apply. For entities that are guarantors of counterparties, the maximum exposure is the lesser of the amount of the guaranty or the Rating Limit set forth in this table. Please note that the "Rating Limits" are subject to change at PSNH's sole discretion.

Credit Rating (Supplier or Guarantor)			Unsecured Credit Limit (the lesser of)		
S&P	Moody's	Fitch	% Tangible Net Worth	Guarantee Amount	Fixed Amount
AA- or higher	Aa3 or higher	AA- or higher	12% TNW	Per § 7.1	\$30 million
A+, A	A1, A2	A+, A	10% TNW	Per § 7.1	\$25 million
A-	A3	A-	8% TNW	Per § 7.1	\$20 million
BBB+	Baa1	BBB+	6% TNW	Per § 7.1	\$15 million
BBB	Baa2	BBB	4% TNW	Per § 7.1	\$10 million
BBB-	Baa3	BBB-	2% TNW	Per § 7.1	\$5 million
Below BBB- or unrated	Below Baa3 or unrated	Below BBB- or unrated	0% TNW	Per § 7.1	\$0

REDACTED

December 14, 2023

**Attachment LJJ-2
Eversource RFP Results - February 1, 2024 through July 31, 2024**

<u>Loads</u>	<u>MWh</u>						<u>Period</u>
	<u>Feb-24</u>	<u>Mar-24</u>	<u>Apr-24</u>	<u>May-24</u>	<u>Jun-24</u>	<u>Jul-24</u>	
Forecasted Loads	274,741	251,477	206,205	224,705	254,855	301,372	1,513,356
Large Customer Group	14,792	13,540	11,102	12,098	13,721	16,226	81,479
Small Customer Group - Total	259,949	237,938	195,103	212,607	241,133	285,147	1,431,877
Large Customer Group - Per Tranche	7,396	6,770	5,551	6,049	6,861	8,113	40,739
Small Customer Group - Per Tranche	32,494	29,742	24,388	26,576	30,142	35,643	178,985

<u>Large Customer Suppliers</u>	<u>\$/MWh</u>						<u>Period</u>	<u>Period \$</u>	<u>Rank</u>
	<u>Feb-24</u>	<u>Mar-24</u>	<u>Apr-24</u>	<u>May-24</u>	<u>Jun-24</u>	<u>Jul-24</u>			
H.Q. Energy Services (U.S.) Inc.									1
H.Q. Energy Services (U.S.) Inc.									2

<u>Winning Large Customer Offers</u>	<u>Feb-24</u>	<u>Mar-24</u>	<u>Apr-24</u>	<u>May-24</u>	<u>Jun-24</u>	<u>Jul-24</u>	<u>Period</u>	<u>Period \$</u>
H.Q. Energy Services (U.S.) Inc.								
H.Q. Energy Services (U.S.) Inc.								
Overall Result								

<u>Small Customer Suppliers</u>	<u>Feb-24</u>	<u>Mar-24</u>	<u>Apr-24</u>	<u>May-24</u>	<u>Jun-24</u>	<u>Jul-24</u>	<u>Period</u>	<u>Period \$</u>	<u>Rank</u>
NextEra Energy Marketing, LLC									1
NextEra Energy Marketing, LLC									1
NextEra Energy Marketing, LLC									3
NextEra Energy Marketing, LLC									4
NextEra Energy Marketing, LLC									5
NextEra Energy Marketing, LLC									6
Constellation Energy Generation, LLC.									7
NextEra Energy Marketing, LLC									8

<u>Winning Small Customer Offers</u>	<u>\$/MWh</u>						<u>Period</u>	<u>Period \$</u>
	<u>Feb-24</u>	<u>Mar-24</u>	<u>Apr-24</u>	<u>May-24</u>	<u>Jun-24</u>	<u>Jul-24</u>		
NextEra Energy Marketing, LLC								
NextEra Energy Marketing, LLC								
NextEra Energy Marketing, LLC								
NextEra Energy Marketing, LLC								
NextEra Energy Marketing, LLC								
NextEra Energy Marketing, LLC								
Constellation Energy Generation, LLC.								
NextEra Energy Marketing, LLC								
Overall Result								

REDACTED

Docket No. DE 23-043
Attachment LJL-3
Page 1 of 1

December 14, 2023

Attachment LJL-3
Eversource Proxy Prices - February 1, 2024 through July 31, 2024

Small Customers	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Period
Load Forecast - MWh	259,949	237,938	195,103	212,607	241,133	285,147	1,431,877
Monthly Hours - Peak	336	336	352	352	320	352	2,048
Monthly Hours - Off-Peak	360	407	368	392	400	392	2,319
All-Hours	696	743	720	744	720	744	4,367
<u>Forward Energy Prices - \$/MWh</u>							
Peak	99.13	58.70	39.42	34.27	41.35	60.62	
Off-Peak	93.30	51.75	34.03	29.50	32.80	41.33	
All-Hours	96.11	54.89	36.67	31.76	36.60	50.46	
Load-Weighted Period Average							52.49
Capacity - \$/MWh							
Load-Weighted Period Average							
<u>Energy Price Bid Multiplier</u>							
<u>Term Proxy Price - \$/MWh</u>							

Large Customers	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Period
Load Forecast - MWh	14,792	13,540	11,102	12,098	13,721	16,226	81,479
Monthly Hours - Peak	336	336	352	352	320	352	2,048
Monthly Hours - Off-Peak	360	407	368	392	400	392	2,319
All-Hours	696	743	720	744	720	744	4,367
<u>Forward Energy Prices - \$/MWh</u>							
Peak	99.13	58.70	39.42	34.27	41.35	60.62	
Off-Peak	93.30	51.75	34.03	29.50	32.80	41.33	
All-Hours	96.11	54.89	36.67	31.76	36.60	50.46	
Load-Weighted Period Average							52.49
Capacity - \$/MWh							
Load-Weighted Period Average							
<u>Energy Price Bid Multiplier</u>							
<u>Term Proxy Price - \$/MWh</u>							

Notes:

Energy price bid multiplier includes the costs of load following, ISO-NE ancillaries & expenses, and suppliers' margins & risk premiums.

Forward energy prices are NYMEX closing prices on 12/11/23.

REDACTED

December 14, 2023

Attachment LJL-4
Eversource RPS Adder - February 1, 2024 through July 31, 2024

RPS Component	Feb-Jul, 2024
Forecast Sales - MWh	1,405,624
<u>Percentage of Sales Requirement</u>	
Class I	11.90%
Class I - Thermal	2.20%
Class II	0.70%
Class III	8.00%
Class IV	1.50%
<u>RECs Requirement</u>	
Class I	167,269
Class I - Thermal	30,924
Class II	9,839
Class III	112,450
Class IV	21,084
<u>Current Inventory - RECs</u>	
Class I	
Class I - Thermal	
Class II	
Class III	
Class IV	
<u>Current Inventory Cost - \$/REC</u>	
Class I	
Class I - Thermal	
Class II	
Class III	
Class IV	
<u>Current Market Prices - \$/REC</u>	
Class I	39.38
Class I - Thermal	28.22
Class II	36.00
Class III	32.50
Class IV	26.50
<u>RPS Rate Adder - c/kWh</u>	
Class I	0.469
Class I - Thermal	0.062
Class II	0.025
Class III	0.260
Class IV	0.040
Total RPS Adder - c/kWh	0.856

The RPS Adder is applied to kWh sales at the customers' meters.

REDACTED

MASTER POWER SUPPLY AGREEMENT TRANSACTION CONFIRMATION

This Transaction Confirmation agreed to on December 12, 2023, among Public Service Company of New Hampshire, dba Eversource Energy (“PSNH”) and H.Q. Energy Services (U.S.) Inc. (“Supplier”) regarding the sale/purchase of the Energy Service Supply specified herein under the terms and conditions under the Master Power Supply Agreement, dated November 4, 2019 (the “Master Agreement”), between PSNH and Supplier, as specified and modified herein:

1. Energy Service Supply Matrix:

Tranche	Customer Group	Load Zone	Load Responsibility	Commencement Date	Conclusion Date
1	PSNH Large Customers	NH	50%	February 1, 2024	July 31, 2024
2	PSNH Large Customers	NH	50%	February 1, 2024	July 31, 2024

2. Contract Rate(s) \$/MWh:

Tranche	Customer Group	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24
1	PSNH Large Customers	[REDACTED]					
2	PSNH Large Customers	[REDACTED]					

3. Delivery Point(s):

The point or points on the PTF within the following Load Zones, as appropriate for delivery to each Customer in each Customer Group in each Load Zone taking service pursuant to the Energy Service Tariff:

Load Zone	Location ID
.Z.NEWHAMPSHIRE	4002

4. Security: [REDACTED]

5. Governing Terms

This Transaction is governed by and constitutes a part of and is subject to the terms and provisions of the Master Agreement. The terms, conditions, covenants, agreements, warranties and representations contained in the Master Agreement are in all respects ratified, confirmed

and remade as of the date hereof and, except as amended or waived hereby, shall continue in full force and effect. In the event of any inconsistency between the terms of this Confirmation and the terms of the Master Agreement, the terms of this Confirmation shall control for the purposes of this Transaction.

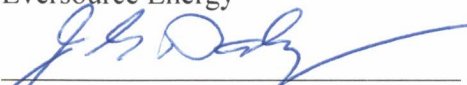
6. Counterparts.

This Confirmation may be executed in counterparts, all of which together shall constitute one and the same instrument.


7. Defined Terms.

Capitalized terms used but not defined herein shall have the meanings ascribed to them in the Master Agreement.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
dba Eversource Energy

By: 
Name: James G. Daly
Title: Vice President, Energy Supply

H.Q. ENERGY SERVICES (U.S.) INC.

By: 
Name: Simon Bergevin
Title: General Manager

REDACTED

MASTER POWER SUPPLY AGREEMENT TRANSACTION CONFIRMATION

This Transaction Confirmation agreed to on December 12, 2023 among Public Service Company of New Hampshire, dba Eversource Energy (“PSNH”) and Constellation Energy Generation, LLC (“Supplier”) regarding the sale/purchase of the Energy Service Supply specified herein under the terms and conditions under the Master Power Supply Agreement, dated January 31, 2018 (the “Master Agreement”), between PSNH and Supplier, as specified and modified herein:

1. Energy Service Supply Matrix:

Tranche	Customer Group	Load Zone	Load Responsibility	Commencement Date	Conclusion Date
1	PSNH Small Customers	NH	12.5%	February 1, 2024	July 31, 2024

2. Contract Rate(s) \$/MWh:

Tranche	Customer Group	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24
1	PSNH Small Customers						

3. Delivery Point(s):

The point or points on the PTF within the following Load Zones, as appropriate for delivery to each Customer in each Customer Group in each Load Zone taking service pursuant to the Energy Service Tariff:

Load Zone	Location ID
.Z.NEWHAMPSHIRE	4002

4. Security: [REDACTED]

5. Governing Terms

This Transaction is governed by and constitutes a part of and is subject to the terms and provisions of the Master Agreement. The terms, conditions, covenants, agreements, warranties and representations contained in the Master Agreement are in all respects ratified, confirmed and remade as of the date hereof and, except as amended or waived hereby, shall continue in full force and effect. In the event of any inconsistency between the terms of this Confirmation and the terms of the Master Agreement, the terms of this Confirmation shall control for the purposes of this Transaction.

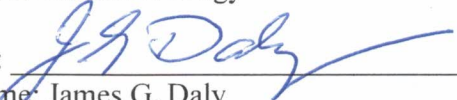
6. Counterparts.

This confirmation letter may be executed in counterparts, all of which together shall constitute one and the same instrument.


7. Defined Terms.

Capitalized terms used but not defined herein shall have the meanings ascribed to them in the Master Agreement.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
dba Eversource Energy

By: 
Name: James G. Daly
Title: Vice President, Energy Supply

Constellation Energy Generation, LLC

By: 
Name: Matthew A. Stasch
Title: VP, Chief Risk Officer



REDACTED

MASTER POWER SUPPLY AGREEMENT TRANSACTION CONFIRMATION

This Transaction Confirmation agreed to on December 12, 2023 among Public Service Company of New Hampshire, dba Eversource Energy (“PSNH”) and NextEra Energy Marketing, LLC (“Supplier”) regarding the sale/purchase of the Energy Service Supply specified herein under the terms and conditions under the Master Power Supply Agreement, dated January 25, 2018 (the “Master Agreement”), between PSNH and Supplier, as specified and modified herein:

1. Energy Service Supply Matrix:

Tranche	Customer Group	Load Zone	Load Responsibility	Commencement Date	Conclusion Date
1	PSNH Small Customers	NH	12.5%	February 1, 2024	July 31, 2024
2	PSNH Small Customers	NH	12.5%	February 1, 2024	July 31, 2024
3	PSNH Small Customers	NH	12.5%	February 1, 2024	July 31, 2024
4	PSNH Small Customers	NH	12.5%	February 1, 2024	July 31, 2024
5	PSNH Small Customers	NH	12.5%	February 1, 2024	July 31, 2024
6	PSNH Small Customers	NH	12.5%	February 1, 2024	July 31, 2024
7	PSNH Small Customers	NH	12.5%	February 1, 2024	July 31, 2024

2. Contract Rate(s) \$/MWh:

Tranche	Customer Group	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24
1	PSNH Small Customers						
2	PSNH Small Customers						
3	PSNH Small Customers						
4	PSNH Small Customers						
5	PSNH Small Customers						
6	PSNH Small Customers						
7	PSNH Small Customers						

3. Delivery Point(s):

REDACTED

The point or points on the PTF within the following Load Zones, as appropriate for delivery to each Customer in each Customer Group in each Load Zone taking service pursuant to the Energy Service Tariff:

Load Zone	Location ID
.Z.NEWHAMPSHIRE	4002

4. Security: [REDACTED]

5. Governing Terms

This Transaction is governed by and constitutes a part of and is subject to the terms and provisions of the Master Agreement. The terms, conditions, covenants, agreements, warranties and representations contained in the Master Agreement are in all respects ratified, confirmed and remade as of the date hereof and, except as amended or waived hereby, shall continue in full force and effect. In the event of any inconsistency between the terms of this Confirmation and the terms of the Master Agreement, the terms of this Confirmation shall control for the purposes of this Transaction.

6. Counterparts.

This confirmation letter may be executed in counterparts, all of which together shall constitute one and the same instrument.

7. Defined Terms.

Capitalized terms used but not defined herein shall have the meanings ascribed to them in the Master Agreement.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
dba Eversource Energy

By: [Signature]
Name: James G. Daly
Title: Vice President, Energy Supply

NEXTERA ENERGY MARKETING, LLC

By: [Signature]
Name: Nicole Lawrence
Title: Trading Risk Analyst



December 14, 2023

Table
Weighted Average Customer Energy Service Rate

Customer Class	February 1, 2023 through July 31, 2023 (\$/kWh)	August 1, 2023 through January 31, 2024 (\$/kWh)	February 1, 2024 through July 31, 2024 (\$/kWh)	Percent change, proposed rate vs 1-yr ago rate period (%)	Percent change, proposed rate vs previous rate period (%)
Small Customers	0.20221	0.12582	0.08285	-59%	-34%
Large Customers	0.25433	0.16750	0.11835	-53%	-29%

Note: Large Customers are typically billed monthly, but calculating a 6-month fixed rate for ease of comparison.

STATE OF NEW HAMPSHIRE
BEFORE THE NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION
DIRECT TESTIMONY OF YI-AN CHEN AND SCOTT R. ANDERSON
PETITION OF PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
d/b/a EVERSOURCE ENERGY
DEFAULT ENERGY SERVICE RATE CHANGE

December 14, 2023

Docket No. DE 23-043

1 **I. INTRODUCTION**

2 **Q. Ms. Chen, please state your name, business address, and position.**

3 A. My name is Yi-An Chen. My business address is 780 North Commercial Street,
4 Manchester, New Hampshire. I am employed by Eversource Energy Service
5 Company as the Director of Revenue Requirements for New Hampshire and in that
6 position, I provide service to Public Service Company of New Hampshire d/b/a
7 Eversource Energy (“PSNH”, “Eversource,” or the “Company”).

8 **Q. Ms. Chen, please provide your educational and professional background.**

9 A. I received a Bachelor of Business Administration in International Business degree from
10 Soochow University in Taipei, Taiwan and a Masters Degree in Business Administration
11 from Clark University. I joined Eversource earlier this year, following more than 15 years
12 of experience with National Grid USA in various roles of increasing responsibility,
13 including Regulatory and Compliance, Finance and Performance Management, Program
14 and Project Management, and Reporting and Analysis.

15 **Q. Ms. Chen, what are your responsibilities in your current position?**

Public Service Company of New Hampshire
d/b/a Eversource Energy
Docket No. DE 23-043
Direct Testimony of Yi-An Chen and Scott R. Anderson
December 14, 2023
Page 2 of 9

1 A. I am currently responsible for the coordination and implementation of revenue
2 requirements calculations and regulatory filings for PSNH, as well as the filings associated
3 with PSNH's default Energy Service ("ES"), Stranded Cost Recovery Charge ("SCRC"),
4 Transmission Cost Adjustment Mechanism ("TCAM"), System Benefits Charge ("SBC"),
5 Regulatory Reconciliation Adjustment ("RRA") mechanism, Pole Plant Adjustment
6 Mechanism ("PPAM"), and Base Distribution Rates.

7 **Q. Ms. Chen, have you previously testified before the New Hampshire Public Utilities**
8 **Commission (the "Commission")?**

9 A. Yes, I provided testimony before the Commission in support of the Company's Lost Base
10 Revenue ("LBR") component filing of the SBC submitted in Docket No. DE 23-080.

11 **Q. Mr. Anderson, please state your name, business address, and position.**

12 A. My name is Scott R. Anderson. I am employed by Eversource Energy Service Company
13 as the Manager of Rates in New Hampshire. In this position, I provide support to PSNH.
14 My business address is 780 North Commercial Street, Manchester, New Hampshire.

15 **Q. What are your principal responsibilities in that position?**

16 A. As the Manager of Rates, I am responsible for activities related to rate design, cost of
17 service, and rates administration for the Company.

1 **Q. Please describe your educational and professional background.**

2 A. I received a Bachelor of Arts degree in Mathematics from Hartwick College in 1986. In
3 September 1986, I began my utility career in Rates and Regulatory Affairs for Central
4 Vermont Public Service Corporation (“CVPS”) and rose to the position of Manager of
5 Rates. In 2012, CVPS merged with Green Mountain Power Corporation (“GMP”) and I
6 continued as Manager of Rates. In December 2022, I retired from GMP and assumed my
7 current position with Eversource.

8 **Q. Mr. Anderson, have you previously testified before the Commission?**

9 A. Yes. Most recently, I submitted testimony and attachments in the Company’s RRA
10 filing in Docket No. 23-021, TCAM in Docket No. DE 23-070, PPAM in Docket No. DE
11 23-075, and the previous Default Energy Service filing for rates effective August 1, 2023
12 in this docket.

13 **Q. What is the purpose of your testimony?**

14 A. The purpose of our testimony is to seek the necessary approvals to set (i) a fixed average
15 ES rate for the Small Customer class, and (ii) variable monthly ES rates for the Large
16 Customer class, that will be applicable to both classes for the six-month period beginning
17 February 1, 2024 and ending July 31, 2024.

Small Customer Rates(i)	Large Customer Rates (ii)
R	GV

R-OTOD 2	LG
G	B
G-OTOD	OL (billed outdoor lighting associated with rates above)
EOL, EOL-2 and OL (billed outdoor lighting associated with rates above)	

1

2 **Q. Please explain the ES rates for which the Company is seeking approval.**

3 A. In this proceeding, consistent with the Settlement Agreement approved in Docket No. DE
4 17-113, Eversource is requesting that the Commission review and approve a fixed six-
5 month ES rate for the Small Customer class for the period of February 1, 2024 through
6 July 31, 2024, based on the weighted average of the six monthly-contracted prices
7 contained in the supply agreement(s) with the winning bidders selected for the Small
8 Customer class. For the Small Customer class, the fixed ES rate for the two prior six-
9 month periods and proposed rate for the period of February 1, 2024 through July 31,
10 2024, as calculated on page 1 of Attachment YC/SRA-1, are as follows:

Small Customer Energy Service Rates (Average \$ per kWh)					
DE 22-021 Filing Approved Rates Order No. 26,747 (December 14, 2022)		DE 23-043 Filing Approved Rates Order No. 26,851 (June 22, 2023)		DE 23-043 Filing Proposed Rates	
February 2023 to July 2023	\$0.20221	August 2023 to January 2024	\$0.12582	February 2024 to July 2024	\$0.08285

1
2 The Company is also requesting that the Commission review and approve monthly-
3 variable ES rates for the Large Customer class for the period of February 1, 2024 through
4 July 31, 2024, based on the six monthly-contracted prices contained in the supply
5 agreement with the winning ES supplier for the Large Customer class. For the Large
6 Customer class, the monthly ES rates for the two prior six-month periods and proposed
7 rates for the period of February 1, 2024 through July 31, 2024 , as calculated on page 2 of
8 Attachment YC/SRA-1, are as follows:

Large Customer Energy Service Rates (\$ per kWh)					
DE 22-021 Filing Approved Rates Order No. 26,762 (January 20, 2023)		DE 23-043 Filing Approved Rates Order No. 26,851 (June 22, 2023)		DE 23-043 Filing Proposed Rates	
February 2023	\$0.48321	August 2023	\$0.11837	February 2024	\$0.18173
March 2023	\$0.32083	September 2023	\$0.09734	March 2024	\$0.12061
April 2023	\$0.21612	October 2023	\$0.09486	April 2024	\$0.09495
May 2023	\$0.17003	November 2023	\$0.13604	May 2024	\$0.09004
June 2023	\$0.14779	December 2023	\$0.22688	June 2024	\$0.09443
July 2023	\$0.18098	January 2024	\$0.29225	July 2024	\$0.11602

9
10
11 **Q. Please describe the detailed support for the calculation of the Small Customer and**
12 **Large Customer ES rates.**
13
14 A. Attachment YC/SRA-1, Page 1, provides the calculation of the total monthly ES rate for
15 the Small Customer class, including the cost/(credit) of RPS compliance, prior period
16 reconciliations for ES, RPS, cost of administrative and general (A&G) expense, and
17 working capital requirement associated with the ES offering. The weighted average

1 Small Customer fixed ES rate for the period of February 1, 2024 through July 31, 2024 is
2 calculated on Line 13.

3
4 Attachment YC/SRA-1, Page 2, provides the calculation of the total monthly ES rates for
5 the Large Customer class, including (i) the cost of RPS compliance, (ii) prior period
6 reconciliations for ES and RPS, (iii) the cost of A&G expense associated with the ES
7 offering, and (iv) a Working Capital adjustment. The monthly rates for the six-month
8 period are calculated on Line 11.

9
10 Attachment YC/SRA-1, Page 3, provides the forecasted A&G expenses associated with
11 the ES offering. The A&G adjustment factor is calculated on Line 8.

12
13 Attachment YC/SRA-1, Page 4, provides the forecasted working capital associated with
14 the ES offering for both Small Customer and Large Customer classes. The monthly ES
15 rates for the six-month period are calculated on Lines 7, 14, and 19, whereby the sum of
16 Lines 7 and 19 are for the Small Customer class and Lines 14 and 19 are for the Large
17 Customer class.

18 **Q. Did the Company update the reconciliation factors provided in this rate request for**
19 **rates effective February 1, 2024?**

20
21 A. No. This rate filing includes the reconciliation factors as approved by the Commission in
22 Order No. 26,851 (June 22, 2023) for effect as of August 1, 2023. As shown in

1 Attachment YC/SRA-1, Pages 1 and 2, the Energy Service Reconciliation Adjustment
2 Factor is \$(0.00849) for the Small Customer group and \$0.02099 for the Large Customer
3 Group. The basis for calculation of the specific reconciliation factors is set forth in
4 Attachment YC/SRA-2 (Pages 1 and 2). The updates to the Small ES, Large ES, and
5 RPS reconciliation adjustment factors are made on an annual basis and will be filed in the
6 upcoming June 2024 ES filing for ES rates effective August 1, 2024.

7
8 **Q. Did the Company include a working capital component for energy supply and**
9 **renewable energy certificates in the calculation of the Energy Service rates in this**
10 **filing?**

11
12 A. Yes. In Order No. 26,237 issued on April 25, 2019 in Docket No. DE 18-073, the
13 Commission authorized Eversource to use the results of a lead/lag study in the calculation
14 of working capital requirements for ES rates. The Company's most recent lead-lag study
15 was filed in the June 15, 2023 filing and approved by the Commission for ES rates
16 effective August 1, 2023.¹ That same study is included as Attachment YC/SRA-4, page
17 1, in this filing and utilizes the results of the study to calculate cash working capital
18 requirements for ES rates effective February 1, 2024.

¹ See Order No. 26,851 (June 22, 2023).

1 **Q. Has the Company calculated the customer bill impacts for the proposed February 1,**
2 **2024 Small Customer and Large Customer ES rate changes?**

3
4 A. Yes. The Small Customer and Large Customer rate impacts are provided in Attachment
5 YC/SRA-5.

6 • Page 1 provides a comparison of residential rates proposed for effect February 1,
7 2024 to current rates effective October 1, 2023 for a 550 kWh monthly bill, a 600
8 kWh monthly bill, and a 650 kWh monthly bill.

9 • Page 2 provides a comparison of residential rates proposed for effect February 1,
10 2024 to rates effective February 1, 2023 for a 550 kWh monthly bill, a 600 kWh
11 monthly bill, and a 650 kWh monthly bill.

12 • Page 3 provides the average impact of each change on bills for all rate classes by
13 rate component and on a total bill basis, including ES.

14 The rate impacts provided in Attachment YC/SRA-5 Page 1 incorporate changes
15 effective October 1, 2023 in the (i) Distribution rate reflecting all changes in permanent
16 rates approved by the Commission in Docket No. DE 22-030, (ii) RRA rate change in
17 Docket No. DE 23-021, (iii) TCAM rate change in Docket No. 23-070, (iv) PPAM rate
18 change in Docket No. DE 23-075, and (v) ES rate change proposed in this filing.

19 **Q. Has the Company provided updated Tariff pages as part of this filing?**

20 A. Yes, updated tariff pages have been provided as Attachment YC/SRA-6.

1 **Q. Does Eversource require Commission approval of the Small Customer and Large**
2 **Customer ES rates by a specific date?**

3
4 A. Yes, in order to lock in the RFP results and make effective the contracts executed with
5 the proposed bid selections, Eversource is seeking final approval of the proposed Small
6 Customer and Large Customer ES rates by December 21, 2023.

7

8 **Q. Would Commission approval of the Small Customer and Large Customer bids and**
9 **the corresponding rates result in just and reasonable rates?**

10
11 A. Yes, it would.

12

13 **Q. Does this conclude your testimony?**

14 A. Yes, it does.

REDACTED

Docket No. DE 23-043
Dated: December 14, 2023
Attachment YC/SRA-1
Page 1 of 4

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
ENERGY SERVICE RATE SETTING FEBRUARY 1, 2024 THROUGH JULY 31, 2024
SMALL CUSTOMERS (RATES R, G AND OL)**

Line	Small Customers (Rate R, G, & OL) Weighted Average Energy Service Rate Calculation	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	6 Month Total	Attachment/Reference	
1	Forecast Small Customer Wholesale Energy Service Load (MWhs)	259,949	237,938	195,103	212,607	241,133	285,147	1,431,877	Attachment LJJ-2 Page 1	
2	Loss Factor	[REDACTED]								Company Records
3	Forecast Small Customer Retail Energy Service Load (MWhs)	[REDACTED]								Line 1 / Line 2
4	Wholesale Contract Price (\$/MWh)	[REDACTED]								Attachment LJJ-2 Page 1
5	Base Small Customer Energy Service Rate (\$/kWh)	\$ 0.13928	\$ 0.08424	\$ 0.06600	\$ 0.05901	\$ 0.07092	\$ 0.09712		Line 2 x Line 4	
6	Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$ (0.00849)	\$ (0.00849)	\$ (0.00849)	\$ (0.00849)	\$ (0.00849)	\$ (0.00849)		DE 23-043 (June 15, 2023), Attachment MBP/SRA-2, Page 1 Line 15	
7	Renewable Portfolio Standard Adjustment Factor (\$/kWh)	\$ 0.00856	\$ 0.00856	\$ 0.00856	\$ 0.00856	\$ 0.00856	\$ 0.00856		Attachment LJJ-4 page 1	
8	Renewable Portfolio Standard Reconciliation Adjustment Factor (\$/kWh)	\$ (0.00607)	\$ (0.00607)	\$ (0.00607)	\$ (0.00607)	\$ (0.00607)	\$ (0.00607)		DE 23-043 (June 15, 2023), Attachment MBP/SRA-2, Page 4 Line 15	
9	A&G Adjustment Factor (\$/kWh)	\$ 0.00093	\$ 0.00093	\$ 0.00093	\$ 0.00093	\$ 0.00093	\$ 0.00093		Attachment YC/SRA-1 Page 3 Line 8	
10	Small Customer Working Capital Adjustment Factor (\$/kWh)	\$ (0.00039)	\$ (0.00039)	\$ (0.00039)	\$ (0.00039)	\$ (0.00039)	\$ (0.00039)		Attachment YC/SRA-1 Page 4 Line 7 + Line 19	
11	Total Small Customer Monthly Calculated Energy Service Rate (\$/kWh)	\$ 0.13381	\$ 0.07877	\$ 0.06053	\$ 0.05354	\$ 0.06545	\$ 0.09165		Sum of Line 5 to Line 10	
12	Forecast Small Customer Total Energy Service Cost, including Working Capital Requirement	[REDACTED]							\$ 110,094,288	Line 3 x Line 11
13	Weighted Average Small Customer Energy Service Rate for the Period February 1, 2024 through July 31, 2024 (\$/kWh)								\$ 0.08285	Line 12 / Line 3

REDACTED

Docket No. DE 23-043
Dated: December 14, 2023
Attachment YC/SRA-1
Page 2 of 4

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
ENERGY SERVICE RATE SETTING FEBRUARY 1, 2024 THROUGH JULY 31, 2024
LARGE CUSTOMERS (RATES LG AND GV)**

Line	Large C&I (Rate LG & GV) Monthly Energy Service Rate Calculation	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	6 Month Total	Attachment/Reference
1	Forecast Large C&I Wholesale Energy Service Load (MWhs)	14,792	13,540	11,102	12,098	13,721	16,226	81,479	Attachment LJJ-2 Page 1
2	Loss Factor	[REDACTED]							Company Records
3	Forecast 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)	\$ 0.15715	\$ 0.09603	\$ 0.07037	\$ 0.06546	\$ 0.06985	\$ 0.09144		Line 2 x Line 4
6	Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$ 0.02099	\$ 0.02099	\$ 0.02099	\$ 0.02099	\$ 0.02099	\$ 0.02099		DE 23-043 (June 15, 2023), Attachment MBP/SRA-2, Page 2 Line 15
7	Renewable Portfolio Standard Adjustment Factor (\$/kWh)	\$ 0.00856	\$ 0.00856	\$ 0.00856	\$ 0.00856	\$ 0.00856	\$ 0.00856		Attachment LJJ-4 page 1
8	Renewable Portfolio Standard Reconciliation Adjustment Factor (\$/kWh)	\$ (0.00607)	\$ (0.00607)	\$ (0.00607)	\$ (0.00607)	\$ (0.00607)	\$ (0.00607)		DE 23-043 (June 15, 2023), Attachment MBP/SRA-2, Page 4 Line 15
9	A&G Adjustment Factor (\$/kWh)	\$ 0.00093	\$ 0.00093	\$ 0.00093	\$ 0.00093	\$ 0.00093	\$ 0.00093		Attachment YC/SRA-1 Page 3 Line 8
10	Large Customer Working Capital Adjustment Factor (\$/kWh)	\$ 0.00018	\$ 0.00018	\$ 0.00018	\$ 0.00018	\$ 0.00018	\$ 0.00018		Attachment YC/SRA-1 Page 4 Line 14 + Line 19
11	Total Large C&I Monthly Energy Service Rates (\$/kWh)	\$ 0.18173	\$ 0.12061	\$ 0.09495	\$ 0.09004	\$ 0.09443	\$ 0.11602		Sum of Line 5 to Line 10

Docket No. DE 23-043
Dated: December 14, 2023
Attachment YC/SRA-1
Page 3 of 4

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
FORECASTED ADMINISTRATIVE AND GENERAL EXPENSES
ENERGY SERVICE RATE SETTING FEBRUARY 1, 2024 THROUGH JULY 31, 2024
(\$ in 000's)

Line	Description	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	6 Month Total	Attachment/Reference
1	Internal Company Administrative	\$ 35	\$ 35	\$ 35	\$ 35	\$ 35	\$ 35	\$ 211	Company Forecast
2	Bad Debt Expense	305	302	270	268	307	322	1,775	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	\$ 226	\$ 223	\$ 191	\$ 189	\$ 229	\$ 244	\$ 1,302	Sum of Line 1 to Line 5
7	Forecast Energy Service Sales February 2024 through July 2024							<u>1,405,624</u>	YC/SRA-1 Page 1 Line 3 + YC/SRA-1 Page 2 Line 3
8	A&G Adjustment Factor (\$/kWh)							\$ 0.00093	Line 6 / Line 7

REDACTED

Docket No. DE 23-043
Dated: December 14, 2023
Attachment YC/SRA-1
Page 4 of 4

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY
FORECASTED WORKING CAPITAL
ENERGY SERVICE RATE SETTING FEBRUARY 1, 2024 THROUGH JULY 31, 2024
(\$ in 000's)

Line	Description	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	6 Month Total	Attachment/Reference
1	Forecasted Small Purchased Power Expense							\$ 117,359	YC/SRA-1 Page 1 (Line 1 * Line 4)
2	Small Purchase Power Working Capital Percent	-28.50%	-26.66%	-27.55%	-26.66%	-27.55%	-26.66%		YC/SRA-4 Page 1 Line 9
3	Forecasted Small Purchased Power Working Capital Requirement							\$ (32,152)	Line 1 x Line 2
4	Rate of Return (Prime Rate)	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%		Prime Rate / 12
5	Forecasted Return on Working Capital							\$ (228)	Line 3 x Line 4
6	Forecast Energy Service Sales February 2024 through July 2024								YC/SRA-1 Page 1 Line 3 Total
7	Small Customer Working Capital Adjustment Factor (\$/kWh)							\$ (0.00017)	Line 5 / Line 6
8	Forecasted Large Purchased Power Expense							\$ 7,207	YC/SRA-1 Page 2 (Line 1 * Line 4)
9	Large Purchase Power Working Capital Percent	62.55%	58.51%	60.46%	58.51%	60.46%	58.51%		YC/SRA-4 Page 1 Line 10
10	Forecasted Large Purchased Power Working Capital Requirement							\$ 4,338	Line 8 x Line 9
11	Rate of Return (Prime Rate)	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%		Prime Rate / 12
12	Forecasted Return on Working Capital							\$ 31	Line 10 x Line 11
13	Forecast Energy Service Sales February 2024 through July 2024								YC/SRA-1 Page 2 Line 3
14	Large Customer Working Capital Adjustment Factor (\$/kWh)							\$ 0.00040	Line 12 / Line 13
15	Forecasted RPS Working Capital Balance	\$ (7,364)	\$ (7,364)	\$ (7,364)	\$ (7,364)	\$ (7,364)	\$ (7,364)	\$ (44,183)	YC/SRA-4 Page 1 Line 14
16	Rate of Return (Prime Rate)	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%		Prime Rate / 12
17	Forecasted Return on Working Capital	\$ (52)	\$ (52)	\$ (52)	\$ (52)	\$ (52)	\$ (52)	\$ (313)	Line 15 x Line 16
18	Forecast Energy Service Sales February 2024 through July 2024							1,405,624	Line 6 + Line 13
19	RPS Working Capital Adjustment Factor (\$/kWh)							\$ (0.00022)	Line 17 / Line 18

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE d/b/a EVERSOURCE ENERGY
ENERGY SERVICE REVENUES AND EXPENSES RECONCILIATION
SMALL CUSTOMERS (RATES R, G, AND OL)
AUGUST 1, 2023 THROUGH JULY 31, 2024
(\$ in 000's)

Line	Description	Balance * Jul-23	Actual Aug-23	Actual Sep-23	Actual Oct-23	Estimate Nov-23	Estimate Dec-23	Estimate Jan-24	Estimate Feb-24	Estimate Mar-24	Estimate Apr-24	Estimate May-24	Estimate Jun-24	Estimate Jul-24	12 Month Total	Attachment/Reference
1	Energy Service Revenues		\$ 34,090	\$ 20,141	\$ 22,948	\$ 30,748	\$ 37,239	\$ 38,746	\$ 19,386	\$ 17,745	\$ 14,550	\$ 15,856	\$ 17,983	\$ 21,265	\$ 290,697	Company Actual/Forecast
2	A&G Expense		243	635	150	159	199	247	214	211	181	178	216	230	2,864	YC/SRA-2, Page 3, Line 9
3	Purchased Power Expense		17,238	12,563	13,369	25,858	54,691	74,152	33,599	18,600	11,950	11,643	15,869	25,698	315,231	Company Actual/Forecast
4	Return on Purchased Power Working Capital Requirement		(33)	(25)	(25)	(50)	(103)	(140)	(68)	(35)	(23)	(22)	(31)	(49)	(604)	YC/SRA-4, Page 1, Line 17
5	Total Energy Service Expense	\$	17,449	\$ 13,173	\$ 13,494	\$ 25,967	\$ 54,786	\$ 74,259	\$ 33,745	\$ 18,777	\$ 12,108	\$ 11,799	\$ 16,054	\$ 25,880	\$ 317,491	Line 2 + Line 3 + Line 4
6	Monthly (Over)/Under Recovery		(16,641)	(6,968)	(9,454)	(4,782)	17,547	35,514	14,359	1,032	(2,442)	(4,056)	(1,929)	4,615		Line 5 - Line 1
7	Beginning Monthly Balance	\$	(12,402)	\$ (29,043)	\$ (36,011)	\$ (45,465)	\$ (50,246)	\$ (32,700)	\$ 2,814	\$ 17,173	\$ 18,205	\$ 15,762	\$ 11,706	\$ 9,777		Prior Month Line 8
8	Ending Monthly Balance	\$	(12,402)	(29,043)	(36,011)	(45,465)	(50,246)	(32,700)	2,814	17,173	18,205	15,762	11,706	9,777	14,392	Line 6 + Line 7
9	Average Monthly Balance	\$	(20,722)	\$ (32,527)	\$ (40,738)	\$ (47,856)	\$ (41,473)	\$ (14,943)	\$ 9,994	\$ 17,689	\$ 16,984	\$ 13,734	\$ 10,741	\$ 12,084		(Line 7 + Line 8) / 2
10	Carrying Charge Rate (Prime Rate)		0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%		Prime Rate / 12
11	Monthly Carrying Charge	(2,154)	\$ (147)	\$ (230)	\$ (289)	\$ (339)	\$ (294)	\$ (106)	\$ 71	\$ 125	\$ 120	\$ 97	\$ 76	\$ 86	\$ (2,983)	Line 9 x Line 10
12	Retail MWH Sales		235,665	210,143	185,640	248,867	301,400	313,594	241,229	220,803	181,053	197,297	223,769	264,613		Company Actual/Forecast
13	(Over)/Under Recovery plus Carrying Charge	\$	(14,556)												\$ 11,409	Line 8 + Line 11
14	* Attachment YC/SRA-3, Page 1, 12 Month Total column															

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE d/b/a EVERSOURCE ENERGY
ENERGY SERVICE REVENUES AND EXPENSES RECONCILIATION
LARGE CUSTOMERS (RATES LG AND GV)
AUGUST 1, 2023 THROUGH JULY 31, 2024
(\$ in 000's)

Line	Description	Balance * Jul-23	Actual Aug-23	Actual Sep-23	Actual Oct-23	Estimate Nov-23	Estimate Dec-23	Estimate Jan-24	Estimate Feb-24	Estimate Mar-24	Estimate Apr-24	Estimate May-24	Estimate Jun-24	Estimate Jul-24	12 Month Total	Attachment/Reference
1	Energy Service Revenues	\$ 1,345	\$ 858	\$ 708	\$ 2,135	\$ 4,342	\$ 5,832	\$ 2,501	\$ 1,509	\$ 968	\$ 999	\$ 1,190	\$ 1,738	\$ 24,125	Company Actual/Forecast	
2	A&G Expense		9	28	6	10	13	16	12	12	10	10	13	13	153	YC/SRA-2, Page 3, Line 10 + Line 11
3	Purchased Power Expense		1,266	981	1,070	1,783	3,916	5,389	2,193	1,227	737	747	904	1,400	21,612	Company Actual/Forecast
4	Return on Purchased Power Working Capital Requirement		5	4	4	8	16	22	10	5	3	3	4	6	91	YC/SRA-4, Page 1, Line 18
5	Total Energy Service Expense	\$ 1,280	\$ 1,013	\$ 1,081	\$ 1,801	\$ 3,945	\$ 5,427	\$ 2,215	\$ 1,244	\$ 751	\$ 760	\$ 920	\$ 1,419	\$ 21,856	Line 2 + Line 3 + Line 4	
6	Monthly (Over)/Under Recovery		(65)	155	373	(334)	(397)	(405)	(286)	(265)	(218)	(239)	(270)	(319)		Line 5 - Line 1
7	Beginning Monthly Balance	\$ 4,383	\$ 4,318	\$ 4,473	\$ 4,846	\$ 4,512	\$ 4,115	\$ 3,709	\$ 3,423	\$ 3,158	\$ 2,941	\$ 2,702	\$ 2,432			Prior Month Line 8
8	Ending Monthly Balance	\$ 4,383	4,318	4,473	4,846	4,512	4,115	3,709	3,423	3,158	2,941	2,702	2,432	2,113	2,113	Line 6 + Line 7
9	Average Monthly Balance	\$ 4,350	\$ 4,395	\$ 4,660	\$ 4,679	\$ 4,313	\$ 3,912	\$ 3,566	\$ 3,291	\$ 3,049	\$ 2,821	\$ 2,567	\$ 2,273			(Line 7 + Line 8) / 2
10	Carrying Charge Rate (Prime Rate)		<u>0.7083%</u>	<u>0.7083%</u>	<u>0.7083%</u>	<u>0.7083%</u>	<u>0.7083%</u>	<u>0.7083%</u>	<u>0.7083%</u>	<u>0.7083%</u>	<u>0.7083%</u>	<u>0.7083%</u>	<u>0.7083%</u>	<u>0.7083%</u>		Prime Rate / 12
11	Monthly Carrying Charge	105	\$ 31	\$ 31	\$ 33	\$ 33	\$ 31	\$ 28	\$ 25	\$ 23	\$ 22	\$ 20	\$ 18	\$ 16	\$ 415	Line 9 x Line 10
12	Retail MWH Sales		8,485	9,194	7,904	15,961	19,330	20,112	13,953	12,772	10,473	11,412	12,943	15,306		Company Actual/Forecast
13	(Over)/Under Recovery plus Carrying Charge	\$ 4,487													\$ 2,529	Line 8 + Line 11

14 * Attachment YC/SRA-3, Page 2, 12 Month Total column

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE d/b/a EVERSOURCE ENERGY
ADMINISTRATIVE AND GENERAL EXPENSES
AUGUST 1, 2023 THROUGH JULY 31, 2024
(\$ in 000's)

Line	Description	Actual Aug-23	Actual Sep-23	Actual Oct-23	Estimate Nov-23	Estimate Dec-23	Estimate Jan-24	Estimate Feb-24	Estimate Mar-24	Estimate Apr-24	Estimate May-24	Estimate Jun-24	Estimate Jul-24	12 Month Total	Attachment/Reference
1	Internal Company Administrative	\$ 28	\$ 52	\$ 45	\$ 35	\$ 35	\$ 35	\$ 35	\$ 35	\$ 35	\$ 35	\$ 35	\$ 35	\$ 442	Company Actual/Forecast
2	Bad Debt Expense	338	725	226	248	290	342	305	302	270	268	307	322	3,942	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	DOE 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 (Allocated)	\$ 252	\$ 663	\$ 156	\$ 169	\$ 211	\$ 263	\$ 226	\$ 223	\$ 191	\$ 189	\$ 229	\$ 244	\$ 3,017	Sum of Line 1 to Line 5
7	Small Customer Retail MWH Sales Ratio*	96.52%	95.81%	95.92%	93.97%	93.97%	93.97%	94.53%	94.53%	94.53%	94.53%	94.53%	94.53%		Company Actual/Forecast
8	Large Customer Retail MWH Sales Ratio**	3.48%	4.19%	4.08%	6.03%	6.03%	6.03%	5.47%	5.47%	5.47%	5.47%	5.47%	5.47%		Company Actual/Forecast
9	Small Customer A&G Expense Allocation	\$ 243	\$ 635	\$ 150	\$ 159	\$ 199	\$ 247	\$ 214	\$ 211	\$ 181	\$ 178	\$ 216	\$ 230	\$ 2,864	Line 6 x Line 7
10	Large Customer A&G Expense Allocation	9	28	6	10	13	16	12	12	10	10	13	13	153	Line 6 x Line 8
11	Other	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	Total A&G Expenses (Allocated)	\$ 252	\$ 663	\$ 156	\$ 169	\$ 211	\$ 263	\$ 226	\$ 223	\$ 191	\$ 189	\$ 229	\$ 244	\$ 3,017	Line 9 + Line 10 + Line 11

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

14 ** YC/SRA-2, Page 2, Line 12 divided by the sum of YC/SRA-2, Page 1, Line 12 plus YC/SRA-2, Page 2, Line 12.

Docket No. DE 23-043
Dated: December 14, 2023
Attachment YC/SRA-2
Page 4 of 4

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE d/b/a EVERSOURCE ENERGY
RPS REVENUES AND EXPENSES RECONCILIATION
AUGUST 1, 2023 THROUGH JULY 31, 2024
(\$ in 000's)

Line	Description	Balance * Jul-23	Actual Aug-23	Actual Sep-23	Actual Oct-23	Estimate Nov-23	Estimate Dec-23	Estimate Jan-24	Estimate Feb-24	Estimate Mar-24	Estimate Apr-24	Estimate May-24	Estimate Jun-24	Estimate Jul-24	12 Month Total	Attachment/Reference
1	RPS Revenues	\$ 554	\$ 498	\$ 439	\$ 601	\$ 728	\$ 758	\$ 636	\$ 582	\$ 477	\$ 520	\$ 590	\$ 697	\$ 7,079	Company Actual/Forecast	
2	RPS Expense - Current Month Estimate		2,202	1,898	1,538	2,198	2,663	2,880	2,183	1,998	1,639	1,786	2,025	2,395	25,405	Company Actual/Forecast
3	RPS Expense - Adjustment (2023 Class III RPS Obligation)		-	-	-	-	-	-	-	-	-	-	-	-	-	DOE Order - RPS 2024-01 (Mar/Apr xx, 2024)
4	RPS Expense - Prior Year True-Up (2022)		(717)	-	-	-	-	-	-	-	-	-	-	(717)	Company Actual	
5	RPS Expense - Total		1,485	1,898	1,538	2,198	2,663	2,880	2,183	1,998	1,639	1,786	2,025	2,395	24,688	Line 2 + Line 3 + Line 4
6	Return on RPS Working Capital Requirement		(52)	(52)	(52)	(52)	(52)	(52)	(52)	(52)	(52)	(52)	(52)	(52)	(626)	YC/SRA-4, Page 1, Line 19
7	Monthly (Over)/Under Recovery		879	1,348	1,046	1,545	1,882	2,070	1,496	1,365	1,110	1,214	1,384	1,646		Line 5 + Line 6 - Line 1
8	Beginning Monthly Balance		\$ (19,740)	\$ (18,861)	\$ (17,514)	\$ (16,467)	\$ (14,922)	\$ (13,040)	\$ (10,970)	\$ (9,474)	\$ (8,110)	\$ (7,000)	\$ (5,786)	\$ (4,403)		Prior Month Line 9
9	Ending Monthly Balance	\$ (19,740)	(18,861)	(17,514)	(16,467)	(14,922)	(13,040)	(10,970)	(9,474)	(8,110)	(7,000)	(5,786)	(4,403)	(2,757)	(2,757)	Line 7 + Line 8
10	Average Monthly Balance	\$ (19,301)	\$ (18,188)	\$ (16,990)	\$ (15,695)	\$ (13,981)	\$ (12,005)	\$ (10,222)	\$ (8,792)	\$ (7,555)	\$ (6,393)	\$ (5,095)	\$ (3,580)			(Line 8 + Line 9) / 2
11	Carrying Charge Rate (Prime Rate)	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%		Prime Rate / 12
12	Monthly Carrying Charge	\$ (1,595)	\$ (137)	\$ (129)	\$ (120)	\$ (111)	\$ (99)	\$ (85)	\$ (72)	\$ (62)	\$ (54)	\$ (45)	\$ (36)	\$ (25)	\$ (2,571)	Line 10 x Line 11
13	(Over)/Under Recovery plus Carrying Charge	\$ (21,334)													\$ (5,328)	Line 9 + Line 12
14	* Attachment YC/SRA-3, Page 4, 12 Month Total column															

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE d/b/a EVERSOURCE ENERGY
ENERGY SERVICE REVENUES AND EXPENSES RECONCILIATION
SMALL CUSTOMERS (RATES R, G, AND OL)
AUGUST 1, 2022 THROUGH JULY 31, 2023
(\$ in 000's)

Line	Description	Balance * Jul-22	Actual Aug-22	Actual Sep-22	Actual Oct-22	Actual Nov-22	Actual Dec-22	Actual Jan-23	Actual Feb-23	Actual Mar-23	Actual Apr-23	Actual May-23	Actual Jun-23	Actual Jul-23	12 Month Total	Attachment/Reference
1	Energy Service Revenues	\$ 71,996	\$ 66,360	\$ 47,322	\$ 53,644	\$ 65,921	\$ 66,307	\$ 54,814	\$ 50,163	\$ 41,621	\$ 40,261	\$ 39,299	\$ 52,151	\$ 649,857	Company Actual/Forecast	
2	A&G Expense	199	(72)	250	203	247	384	253	205	191	151	219	168	2,399	YC/SRA-3, Page 3, Line 9	
3	Purchased Power Expense	57,062	32,173	30,653	41,325	81,185	95,332	107,011	70,420	42,038	24,358	25,018	39,333	645,908	Company Actual/Forecast	
4	Return on Purchased Power Working Capital Requirement	7	4	4	6	13	16	20	12	8	4	5	7	106	YC/SRA-4, Page 2, Line 17	
5	Total Energy Service Expense	\$ 57,268	\$ 32,105	\$ 30,908	\$ 41,535	\$ 81,445	\$ 95,731	\$ 107,284	\$ 70,637	\$ 42,237	\$ 24,514	\$ 25,241	\$ 39,508	\$ 648,412	Line 2 + Line 3 + Line 4	
6	Monthly (Over)/Under Recovery	(14,728)	(34,255)	(16,415)	(12,109)	15,524	29,425	52,470	20,474	617	(15,747)	(14,057)	(12,644)		Line 5 - Line 1	
7	Beginning Monthly Balance	\$ (10,957)	\$ (25,685)	\$ (59,940)	\$ (76,354)	\$ (88,464)	\$ (72,940)	\$ (43,515)	\$ 8,955	\$ 29,430	\$ 30,046	\$ 14,299	\$ 242		Prior Month Line 8	
8	Ending Monthly Balance	\$ (10,957)	(25,685)	(59,940)	(76,354)	(88,464)	(72,940)	(43,515)	8,955	29,430	30,046	14,299	242	(12,402)	(12,402)	Line 6 + Line 7
9	Average Monthly Balance	\$ (18,321)	\$ (42,812)	\$ (68,147)	\$ (82,409)	\$ (80,702)	\$ (58,227)	\$ (17,280)	\$ 19,192	\$ 29,738	\$ 22,173	\$ 7,270	\$ (6,080)		(Line 7 + Line 8) / 2	
10	Carrying Charge Rate (Prime Rate)		0.4583%	0.4775%	0.5208%	0.5792%	0.6058%	0.6250%	0.6450%	0.6517%	0.6667%	0.6858%	0.6875%	0.6908%	Prime Rate / 12	
11	Monthly Carrying Charge	(553)	(84)	(204)	(355)	(477)	(489)	(364)	(111)	125	198	152	50	(42)	(2,154)	Line 9 x Line 10
12	Retail MWH Sales	387,650	245,542	216,596	245,520	301,688	303,591	270,316	268,758	213,622	206,423	201,668	267,437		Company Actual/Forecast	
13	(Over)/Under Recovery plus Carrying Charge	\$ (11,509)												\$ (14,556)	Line 8 + Line 11	
14	* Docket No. DE 22-021, Attachment MBP-3, Page 1 (December 8, 2022)															

Docket No. DE 23-043
Dated: December 14, 2023
Attachment YC/SRA-3
Page 2 of 4

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE d/b/a 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	Actual Nov-22	Actual Dec-22	Actual Jan-23	Actual Feb-23	Actual Mar-23	Actual Apr-23	Actual May-23	Actual Jun-23	Actual Jul-23	12 Month Total	Attachment/Reference
1	Energy Service Revenues		\$ 3,951	\$ 3,984	\$ 2,928	\$ 3,476	\$ 6,615	\$ 6,998	\$ 5,730	\$ 5,366	\$ 1,594	\$ 1,749	\$ 1,200	\$ 1,552	\$ 45,144	Company Actual/Forecast
2	A&G Expense		10	(5)	19	13	13	16	26	11	8	8	9	6	136	YC/SRA-3, Page 3, Line 10 + Line 11
3	Purchased Power Expense		4,502	3,804	3,428	4,450	6,862	6,800	7,086	6,561	2,550	1,127	696	2,343	50,209	Company Actual/Forecast
4	Return on Purchased Power Working Capital Requirement		16	15	14	21	33	33	40	33	14	6	4	13	241	YC/SRA-4, Page 2, Line 18
5	Total Energy Service Expense		\$ 4,529	\$ 3,814	\$ 3,461	\$ 4,484	\$ 6,908	\$ 6,850	\$ 7,152	\$ 6,606	\$ 2,572	\$ 1,141	\$ 709	\$ 2,361	\$ 50,587	Line 2 + Line 3 + Line 4
6	Monthly (Over)/Under Recovery		578	(171)	533	1,008	293	(148)	1,422	1,239	978	(609)	(491)	810		Line 5 - Line 1
7	Beginning Monthly Balance		\$ (1,060)	\$ (482)	\$ (653)	\$ (120)	\$ 889	\$ 1,182	\$ 1,034	\$ 2,455	\$ 3,694	\$ 4,673	\$ 4,064	\$ 3,573		Prior Month Line 8
8	Ending Monthly Balance	\$ (1,060)	(482)	(653)	(120)	889	1,182	1,034	2,455	3,694	4,673	4,064	3,573	4,383	4,383	Line 6 + Line 7
9	Average Monthly Balance		\$ (771)	\$ (568)	\$ (386)	\$ 385	\$ 1,035	\$ 1,108	\$ 1,744	\$ 3,075	\$ 4,184	\$ 4,368	\$ 3,819	\$ 3,978		(Line 7 + Line 8) / 2
10	Carrying Charge Rate (Prime Rate)		<u>0.4583%</u>	<u>0.4775%</u>	<u>0.5208%</u>	<u>0.5792%</u>	<u>0.6058%</u>	<u>0.6250%</u>	<u>0.6450%</u>	<u>0.6517%</u>	<u>0.6667%</u>	<u>0.6858%</u>	<u>0.6875%</u>	<u>0.6908%</u>		Prime Rate / 12
11	Monthly Carrying Charge	(46)	\$ (4)	\$ (3)	\$ (2)	\$ 2	\$ 6	\$ 7	\$ 11	\$ 20	\$ 28	\$ 30	\$ 26	\$ 27	\$ 105	Line 9 x Line 10
12	Retail MWH Sales		20,444	15,789	16,642	15,623	16,484	12,883	11,158	14,011	9,419	11,076	8,326	9,286		Company Actual/Forecast
13	(Over)/Under Recovery plus Carrying Charge	\$ (1,106)													\$ 4,487	Line 8 + Line 11

14 * Docket No. DE 22-021, Attachment MBP-7, Page 3 (January 12, 2023)

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE d/b/a EVERSOURCE ENERGY
ADMINISTRATIVE AND GENERAL EXPENSES
AUGUST 1, 2022 THROUGH JULY 31, 2023
(\$ in 000's)

Line	Description	Actual Aug-22	Actual Sep-22	Actual Oct-22	Actual Nov-22	Actual Dec-22	Actual Jan-23	Actual Feb-23	Actual Mar-23	Actual Apr-23	Actual May-23	Actual Jun-23	Actual Jul-23	12 Month Total	Attachment/Reference
1	Internal Company Administrative	\$ 15	\$ 16	\$ 36	\$ 29	\$ 36	\$ 31	\$ 36	\$ 24	\$ 40	\$ 25	\$ 42	\$ 33	\$ 364	Company Actual
2	Bad Debt Expense	309	21	348	301	338	483	341	306	274	248	300	254	3,523	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	DOE 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 (Allocated)	\$ 209	(76)	270	216	260	400	\$ 264	216	200	159	228	173	2,519	Sum of Line 1 to Line 5
7	Small Customer Retail MWH Sales Ratio*	94.99%	93.96%	92.86%	94.02%	94.82%	95.93%	96.04%	95.05%	95.78%	94.91%	96.04%	96.64%		Company Actual
8	Large Customer Retail MWH Sales Ratio**	5.01%	6.04%	7.14%	5.98%	5.18%	4.07%	3.96%	4.95%	4.22%	5.09%	3.96%	3.36%		Company Actual
9	Small Customer A&G Expense Allocation	\$ 199	\$ (72)	\$ 250	\$ 203	\$ 247	\$ 384	\$ 253	\$ 205	\$ 191	\$ 151	\$ 219	\$ 168	\$ 2,399	Line 6 x Line 7
10	Large Customer A&G Expense Allocation	10	(5)	19	13	13	16	10	11	8	8	9	6	120	Line 6 x Line 8
11	Large Customer A&G Expense Direct	-	-	-	-	-	-	16	-	-	-	-	-	16	Self Supply Load Forecast Model Cost
12	Total A&G Expenses (Allocated)	\$ 209	\$ (76)	\$ 270	\$ 216	\$ 260	\$ 400	\$ 279	\$ 216	\$ 200	\$ 159	\$ 228	\$ 173	\$ 2,535	Line 9 + Line 10 + Line 11

13 * YC/SRA-3, Page 1, Line 12 divided by the sum of YC/SRA-3, Page 1, Line 12 plus YC/SRA-3, Page 2, Line 12.

14 ** YC/SRA-3, Page 2, Line 12 divided by the sum of YC/SRA-3, Page 1, Line 12 plus YC/SRA-3, Page 2, Line 12.

Docket No. DE 23-043
Dated: December 14, 2023
Attachment YC/SRA-3
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PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE d/b/a EVERSOURCE ENERGY
RPS REVENUES AND EXPENSES RECONCILIATION
AUGUST 1, 2022 THROUGH JULY 31, 2023
(\$ in 000's)

Line	Description	Balance *	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	12 Month	Attachment/Reference
		Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Total	
1	RPS Revenues		\$ 2,930	\$ 1,876	\$ 1,675	\$ 1,875	\$ 2,284	\$ 2,272	\$ 2,052	\$ 2,061	\$ 1,626	\$ 1,586	\$ 1,531	\$ 2,017	\$ 23,786	Company Actual
2	RPS Expense - Current Month Estimate		3,308	2,585	1,904	1,929	2,356	2,649	2,322	2,285	2,107	1,735	1,767	2,006	26,955	Company Actual
3	RPS Expense - Adjustment (2022 Class III RPS Obligation)		-	-	-	-	-	-	-	-	(10,095)	-	-	-	(10,095)	DOE Order - RPS 2023-01 (April 11, 2023)
4	RPS Expense - Prior Year True-Up (2022)		-	-	-	-	-	-	-	-	-	-	-	-	-	Company Actual
5	RPS Expense - Total		3,308	2,585	1,904	1,929	2,356	2,649	2,322	2,285	(7,988)	1,735	1,767	2,006	16,860	Line 2 + Line 3 + Line 4
6	Return on RPS Working Capital Requirement		(49)	(51)	(55)	(61)	(64)	(66)	(68)	(69)	(71)	(73)	(73)	(73)	(773)	YC/SRA-4, Page 2, Line 19
7	Monthly (Over)/Under Recovery		330	658	174	(7)	8	311	201	155	(9,685)	77	164	(84)		Line 5 + Line 6 - Line 1
8	Beginning Monthly Balance		\$ (12,041)	\$ (11,711)	\$ (11,053)	\$ (10,879)	\$ (10,886)	\$ (10,878)	\$ (10,568)	\$ (10,366)	\$ (10,212)	\$ (19,896)	\$ (19,819)	\$ (19,656)		Prior Month Line 9
9	Ending Monthly Balance		\$ (12,041)	\$ (11,711)	\$ (11,053)	\$ (10,879)	\$ (10,886)	\$ (10,878)	\$ (10,568)	\$ (10,366)	\$ (10,212)	\$ (19,896)	\$ (19,819)	\$ (19,656)	\$ (19,740)	Line 7 + Line 8
10	Average Monthly Balance		\$ (11,876)	\$ (11,382)	\$ (10,966)	\$ (10,883)	\$ (10,882)	\$ (10,723)	\$ (10,467)	\$ (10,289)	\$ (15,054)	\$ (19,858)	\$ (19,738)	\$ (19,698)		(Line 8 + Line 9) / 2
11	Carrying Charge Rate (Prime Rate)		<u>0.4583%</u>	<u>0.4775%</u>	<u>0.5208%</u>	<u>0.5792%</u>	<u>0.6058%</u>	<u>0.6250%</u>	<u>0.6450%</u>	<u>0.6517%</u>	<u>0.6667%</u>	<u>0.6858%</u>	<u>0.6875%</u>	<u>0.6908%</u>		Prime Rate / 12
12	Monthly Carrying Charge		\$ (590)	\$ (54)	\$ (54)	\$ (57)	\$ (63)	\$ (66)	\$ (67)	\$ (68)	\$ (67)	\$ (100)	\$ (136)	\$ (136)	\$ (136)	Line 10 x Line 11
13	(Over)/Under Recovery plus Carrying Charge		\$ (12,631)												\$ (21,334)	Line 9 + Line 12
14	* Docket No. DE 22-021, Attachment MBP-3, Page 4 (December 8, 2022)															

REDACTED

Docket No. DE 23-043
Dated: December 14, 2023
Attachment YC/SRA-4
Page 1 of 2

**Public Service Company of New Hampshire d/b/a Eversource Energy
Energy Service Cash Working Capital Requirement
For the 12 Months Ending July 31, 2024
Monthly Working Capital Allowance Calculation
(\$ in 000s)**

Line	Energy Service Cost	Actual Aug-23	Actual Sep-23	Actual Oct-23	Estimate Nov-23	Estimate Dec-23	Estimate Jan-24	Estimate Feb-24	Estimate Mar-24	Estimate Apr-24	Estimate May-24	Estimate Jun-24	Estimate Jul-24	12 Month Total	Reference/Source
1	Days in Month	31	30	31	30	31	31	29	31	30	31	30	31	366	Calendar Days
2	Monthly Expense														
3	Purchased Power - Small	\$ 17,238	\$ 12,563	\$ 13,369										\$ 315,231	Attachment YC/SRA-2, page 1
4	Purchase Power - Large	\$ 1,266	\$ 981	\$ 1,070										\$ 21,612	Attachment YC/SRA-2, page 2
5	Lead Days														
6	Purchased Power - Small	(8.3)	(8.3)	(8.3)	(8.3)	(8.3)	(8.3)	(8.3)	(8.3)	(8.3)	(8.3)	(8.3)	(8.3)		Based on Lead/Lag Study per Order No. 26,851 (June 22, 2023)
7	Purchase Power - Large	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1		Based on Lead/Lag Study per Order No. 26,851 (June 22, 2023)
8	Monthly Working Capital Percentage														
9	Purchased Power - Small	-26.7%	-27.5%	-26.7%	-27.5%	-26.7%	-26.7%	-28.5%	-26.7%	-27.5%	-26.7%	-27.5%	-26.7%		Line 6 / Line 1
10	Purchase Power - Large	58.5%	60.5%	58.5%	60.5%	58.5%	58.5%	62.5%	58.5%	60.5%	58.5%	60.5%	58.5%		Line 7 / Line 1
11	Monthly Working Capital Balance														
12	Purchased Power - Small	\$ (4,596)	\$ (3,461)	\$ (3,564)											Line 3 x Line 9
13	Purchase Power - Large	\$ 741	\$ 593	\$ 626											Line 4 x Line 10
14	RPS Annual Working Capital Balance	\$ (7,364)	\$ (7,364)	\$ (7,364)	\$ (7,364)	\$ (7,364)	\$ (7,364)	\$ (7,364)	\$ (7,364)	\$ (7,364)	\$ (7,364)	\$ (7,364)	\$ (7,364)		Based on Lead/Lag Study per Order No. 26,851 (June 22, 2023)
15	Carrying Charge Rate (Prime Rate)	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%		
16	Carrying Costs on Working Capital Allowance														
17	Purchased Power - Small	\$ (33)	\$ (25)	\$ (25)	\$ (50)	\$ (103)	\$ (140)	\$ (68)	\$ (35)	\$ (23)	\$ (22)	\$ (31)	\$ (49)	\$ (604)	Line 12 x Line 15
18	Purchase Power - Large	\$ 5	\$ 4	\$ 4	\$ 8	\$ 16	\$ 22	\$ 10	\$ 5	\$ 3	\$ 3	\$ 4	\$ 6	\$ 91	Line 13 x Line 15
19	RPS Expense	\$ (52)	\$ (52)	\$ (52)	\$ (52)	\$ (52)	\$ (52)	\$ (52)	\$ (52)	\$ (52)	\$ (52)	\$ (52)	\$ (52)	\$ (626)	Line 14 x Line 15

Note: 2024 is a Leap Year; 29 days in the month of February/366 days in the year

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	Actual Nov-22	Actual Dec-22	Actual Jan-23	Actual Feb-23	Actual Mar-23	Actual Apr-23	Actual May-23	Actual Jun-23	Actual 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	\$ 41,325	\$ 81,185	\$ 95,332	\$ 107,011	\$ 70,420	\$ 42,038	\$ 24,358	\$ 25,018	\$ 39,333	\$ 645,908	Attachment YC/SRA-3, page 1
4	Purchase Power - Large	\$ 4,502	\$ 3,804	\$ 3,428	\$ 4,450	\$ 6,862	\$ 6,800	\$ 7,086	\$ 6,561	\$ 2,550	\$ 1,127	\$ 696	\$ 2,343	\$ 50,209	Attachment YC/SRA-3, 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	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	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%	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%	78.3%	Line 7 / Line 1
11	Monthly Working Capital Balance														
12	Purchased Power - Small	\$ 1,490	\$ 868	\$ 800	\$ 1,115	\$ 2,120	\$ 2,489	\$ 3,094	\$ 1,839	\$ 1,134	\$ 636	\$ 675	\$ 1,027	\$ 106	Line 3 x Line 9
13	Purchase Power - Large	\$ 3,526	\$ 3,078	\$ 2,685	\$ 3,602	\$ 5,374	\$ 5,326	\$ 6,144	\$ 5,139	\$ 2,064	\$ 882	\$ 564	\$ 1,835	\$ 241	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)	\$ (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%	0.6058%	0.6250%	0.6450%	0.6517%	0.6667%	0.6858%	0.6875%	0.6908%		Prime Rate / 12
16	Carrying Costs on Working Capital Allowance														
17	Purchased Power - Small	\$ 7	\$ 4	\$ 4	\$ 6	\$ 13	\$ 16	\$ 20	\$ 12	\$ 8	\$ 4	\$ 5	\$ 7	\$ 106	Line 12 x Line 15
18	Purchase Power - Large	\$ 16	\$ 15	\$ 14	\$ 21	\$ 33	\$ 33	\$ 40	\$ 33	\$ 14	\$ 6	\$ 4	\$ 13	\$ 241	Line 13 x Line 15
19	RPS Expense	\$ (49)	\$ (51)	\$ (55)	\$ (61)	\$ (64)	\$ (66)	\$ (68)	\$ (69)	\$ (71)	\$ (73)	\$ (73)	\$ (73)	\$ (773)	Line 14 x Line 15

**Comparison of Rates Effective October 1, 2023 and Proposed Rates for Effect February 1, 2024
for Residential Service Rate R**

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
Effective Date	Charge	Distribution Charge	Regulatory Reconciliation Adjustment	Pole Plant Adjustment Mechanism	Transmission Charge	Stranded Cost Recovery Charge	System Benefits Charge	Electricity Consumption Tax	Energy Service Charge	Total Rate
October 1, 2023	Customer charge (per month)	\$ 13.81								\$ 13.81
	Charge per kWh	\$ 0.05357	\$ 0.00047	\$ 0.00270	\$ 0.02965	\$ 0.00694	\$ 0.00905	\$ -	\$ 0.12582	\$ 0.22820
February 1, 2024 (Proposed)	Customer charge (per month)	\$ 13.81								\$ 13.81
	Charge per kWh	\$ 0.05357	\$ 0.00047	\$ 0.00270	\$ 0.02965	\$ 0.00694	\$ 0.00905	\$ -	\$ 0.08285	\$ 0.18523

Calculation of 550 kWh monthly bill, by rate component:

	10/1/2023	2/1/2024	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 43.27	\$ 43.27	\$ -	0.0%	0.0%
Regulatory Reconciliation Adjustment	0.26	0.26	-	0.0%	0.0%
Pole Purchase Adjustment Mechanism	1.49	1.49	-	0.0%	0.0%
Transmission	16.31	16.31	-	0.0%	0.0%
Stranded Cost Recovery Charge	3.82	3.82	-	0.0%	0.0%
System Benefits Charge	4.98	4.98	-	0.0%	0.0%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 70.13	\$ 70.13	\$ -	0.0%	0.0%
Energy Service	69.20	45.57	(23.63)	-34.1%	-17.0%
Total	\$ 139.33	\$ 115.70	\$ (23.63)	-17.0%	-17.0%

Calculation of 600 kWh monthly bill, by rate component:

	10/1/2023	2/1/2024	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 45.95	\$ 45.95	\$ -	0.0%	0.0%
Regulatory Reconciliation Adjustment	0.28	0.28	-	0.0%	0.0%
Pole Purchase Adjustment Mechanism	1.62	1.62	-	0.0%	0.0%
Transmission	17.79	17.79	-	0.0%	0.0%
Stranded Cost Recovery Charge	4.16	4.16	-	0.0%	0.0%
System Benefits Charge	5.43	5.43	-	0.0%	0.0%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 75.23	\$ 75.23	\$ -	0.0%	0.0%
Energy Service	75.49	49.71	(25.78)	-34.2%	-17.1%
Total	\$ 150.72	\$ 124.94	\$ (25.78)	-17.1%	-17.1%

Calculation of 650 kWh monthly bill, by rate component:

	10/1/2023	2/1/2024	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 48.63	\$ 48.63	\$ -	0.0%	0.0%
Regulatory Reconciliation Adjustment	0.31	0.31	-	0.0%	0.0%
Pole Purchase Adjustment Mechanism	1.76	1.76	-	0.0%	0.0%
Transmission	19.27	19.27	-	0.0%	0.0%
Stranded Cost Recovery Charge	4.51	4.51	-	0.0%	0.0%
System Benefits Charge	5.88	5.88	-	0.0%	0.0%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 80.36	\$ 80.36	\$ -	0.0%	0.0%
Energy Service	81.78	53.85	(27.93)	-34.2%	-17.2%
Total	\$ 162.14	\$ 134.21	\$ (27.93)	-17.2%	-17.2%

**Comparison of Rates Effective February 1, 2023 and Proposed Rates for Effect February 1, 2024
for Residential Service Rate R**

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
Effective Date	Charge	Distribution Charge	Regulatory Reconciliation Adjustment	Pole Plant Adjustment Mechanism	Transmission Charge	Stranded Cost Recovery Charge	System Benefits Charge	Electricity Consumption Tax	Energy Service Charge	Total Rate
February 1, 2023	Customer charge (per month)	\$ 13.81								\$ 13.81
	Charge per kWh	\$ 0.05410	\$ 0.00046	\$ -	\$ 0.02360	\$ 0.00694	\$ 0.00905	\$ -	\$ 0.20221	\$ 0.29636
February 1, 2024 (Proposed)	Customer charge (per month)	\$ 13.81								\$ 13.81
	Charge per kWh	\$ 0.05357	\$ 0.00047	\$ 0.00270	\$ 0.02965	\$ 0.00694	\$ 0.00905	\$ -	\$ 0.08285	\$ 0.18523

Calculation of 550 kWh monthly bill, by rate component:

	2/1/2023	2/1/2024	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 43.57	\$ 43.27	\$ (0.30)	-0.7%	-0.2%
Regulatory Reconciliation Adjustment	0.25	0.26	0.01	4.0%	0.0%
Pole Purchase Adjustment Mechanism	-	1.49	1.49	0.0%	0.8%
Transmission	12.98	16.31	3.33	25.7%	1.9%
Stranded Cost Recovery Charge	3.82	3.82	-	0.0%	0.0%
System Benefits Charge	4.98	4.98	-	0.0%	0.0%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 65.60	\$ 70.13	\$ 4.53	6.9%	2.6%
Energy Service	111.22	45.57	(65.65)	-59.0%	-37.1%
Total	\$ 176.82	\$ 115.70	\$ (61.12)	-34.6%	-34.6%

Calculation of 600 kWh monthly bill, by rate component:

	2/1/2023	2/1/2024	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 46.27	\$ 45.95	\$ (0.32)	-0.7%	-0.2%
Regulatory Reconciliation Adjustment	0.28	0.28	-	0.0%	0.0%
Pole Purchase Adjustment Mechanism	-	1.62	1.62	0.0%	0.8%
Transmission	14.16	17.79	3.63	25.6%	1.9%
Stranded Cost Recovery Charge	4.16	4.16	-	0.0%	0.0%
System Benefits Charge	5.43	5.43	-	0.0%	0.0%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 70.30	\$ 75.23	\$ 4.93	7.0%	2.6%
Energy Service	121.33	49.71	(71.62)	-59.0%	-37.4%
Total	\$ 191.63	\$ 124.94	\$ (66.69)	-34.8%	-34.8%

Calculation of 650 kWh monthly bill, by rate component:

	2/1/2023	2/1/2024	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 48.98	\$ 48.63	\$ (0.35)	-0.7%	-0.2%
Regulatory Reconciliation Adjustment	0.30	0.31	0.01	3.3%	0.0%
Pole Purchase Adjustment Mechanism	-	1.76	1.76	0.0%	0.9%
Transmission	15.34	19.27	3.93	25.6%	1.9%
Stranded Cost Recovery Charge	4.51	4.51	-	0.0%	0.0%
System Benefits Charge	5.88	5.88	-	0.0%	0.0%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 75.01	\$ 80.36	\$ 5.35	7.1%	2.6%
Energy Service	131.44	53.85	(77.59)	-59.0%	-37.6%
Total	\$ 206.45	\$ 134.21	\$ (72.24)	-35.0%	-35.0%

Rate Changes Proposed for Effect on February 1, 2024

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	Pole Purchase Adjustment Mechanism	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%	0.0%	-17.2%	-17.2%
General Service	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-18.5%	-18.5%
Primary General Service	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-19.5%	-19.5%
GV Rate B	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-15.1%	-15.1%
Total General Service	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-19.5%	-19.5%
Large General Service	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-20.8%	-20.8%
LG Rate B	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-20.2%	-20.2%
Total Large General Service	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-20.7%	-20.7%
Outdoor Lighting Rate OL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-9.8%	-9.8%
Energy Efficient Outdoor Lt. Rate EOL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-11.7%	-11.7%
Total Outdoor Lighting	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-10.4%	-10.4%
Total Retail	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-18.4%	-18.4%

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

8th Revised Page 87
Superseding 7th Revised 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 <u>2024</u>	March <u>2024</u>	April <u>2024</u>	May <u>2024</u>	June <u>2024</u>	July <u>2024</u>
Base Rate	15.715¢	9.603¢	7.037¢	6.546¢	6.985¢	9.144¢
RPS Adjustment Factor	0.856¢	0.856¢	0.856¢	0.856¢	0.856¢	0.856¢
Administrative and General	0.093¢	0.093¢	0.093¢	0.093¢	0.093¢	0.093¢
Reconciliation Adjustment Factor	<u>1.509¢</u>	<u>1.509¢</u>	<u>1.509¢</u>	<u>1.509¢</u>	<u>1.509¢</u>	<u>1.509¢</u>
Total Rate Per Month	18.173¢	12.061¢	9.495¢	9.004¢	9.443¢	11.602¢

Applicable to all other customers:

February 2024– July 2024
Per Kilowatt-Hour

Base Rate	8.832¢
Reconciliation Adjustment	-1.496¢
Renewable Portfolio Standard	0.856¢
Administrative & General	<u>0.093¢</u>
Total Rate Per Month	8.285¢

Issued: December 14, 2023

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

Effective: February 1, 2024

Title: President, NH Electric Operations

NHPUC NO. 10 - ELECTRICITY DELIVERY

87th Revised Page 87

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
DBA EVERSOURCE ENERGY

Superseding 76th Revised 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

	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>
	<u>2023</u>	<u>2023</u>	<u>2023</u>	<u>2023</u>	<u>2023</u>	<u>2024</u>
Base Rate	9.405¢	7.302¢	7.054¢	11.172¢	20.256¢	26.793¢
RPS Adjustment Factor	0.834¢	0.834¢	0.834¢	0.834¢	0.834¢	0.834¢
Administrative and General	0.066¢	0.066¢	0.066¢	0.066¢	0.066¢	0.066¢
Reconciliation Adjustment Factor	1.533¢	1.533¢	1.533¢	1.533¢	1.533¢	1.533¢
Total Rate Per Month	11.837¢	9.734¢	9.486¢	13.604¢	22.688¢	29.225¢
	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>
	<u>2024</u>	<u>2024</u>	<u>2024</u>	<u>2024</u>	<u>2024</u>	<u>2024</u>
<u>Base Rate</u>	<u>15.715¢</u>	<u>9.603¢</u>	<u>7.037¢</u>	<u>6.546¢</u>	<u>6.985¢</u>	<u>9.144¢</u>
<u>RPS Adjustment Factor</u>	<u>0.856¢</u>	<u>0.856¢</u>	<u>0.856¢</u>	<u>0.856¢</u>	<u>0.856¢</u>	<u>0.856¢</u>
<u>Administrative and General</u>	<u>0.093¢</u>	<u>0.093¢</u>	<u>0.093¢</u>	<u>0.093¢</u>	<u>0.093¢</u>	<u>0.093¢</u>
<u>Reconciliation Adjustment Factor</u>	<u>1.509¢</u>	<u>1.509¢</u>	<u>1.509¢</u>	<u>1.509¢</u>	<u>1.509¢</u>	<u>1.509¢</u>
<u>Total Rate Per Month</u>	<u>18.173¢</u>	<u>12.061¢</u>	<u>9.495¢</u>	<u>9.004¢</u>	<u>9.443¢</u>	<u>11.602¢</u>

Applicable to all other customers:

August 2023 – January 2024
Per Kilowatt Hour

Base Rate	13.180¢
Reconciliation Adjustment	1.498¢
Renewable Portfolio Standard	0.834¢
Administrative & General	0.066¢

~~Total Rate Per Month 12.582¢~~

February 2024– July 2024
Per Kilowatt-Hour

<u>Base Rate</u>	<u>8.832¢</u>
<u>Reconciliation Adjustment</u>	<u>-1.496¢</u>
<u>Renewable Portfolio Standard</u>	<u>0.856¢</u>
<u>Administrative & General</u>	<u>0.093¢</u>
<u>Total Rate Per Month</u>	<u>8.285¢</u>

Issued: ~~July-December 14~~, 2023

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

Effective: ~~August-February 1, 2024~~

Title: President, NH Electric Operations