

**REDACTED**

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

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

**Docket No. DE 22-021**

**PETITION FOR ADJUSTMENT TO THE ENERGY SERVICE RATE FOR  
EFFECT ON FEBRUARY 1, 2023**

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”) rate for effect on February 1, 2023. 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, and 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 solicitation and the resulting retail rate for the small ES customer group for the period of February 1, 2023 through July 31, 2023.

4. Enclosed with this Petition are the pre-filed testimony, attachments, and exhibits of Luann J. Lamontagne, James R. Shuckerow, and Parker Littlehale explaining the RFP process used by Eversource and the results of the 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 Marisa B. Paruta describing Eversource’s proposed rate for its Small customer group and the calculations underlying that proposed rates. For the Small customer group the proposed rate is \$0.20221 per kWh.

5. For the Large customer group, Eversource had a partially failed RFP where only half of the load for the service period was bid upon. Eversource seeks approval of that bid at this time, but is unable to provide a proposed rate for the Large customer group until all load is covered. To accomplish this, Eversource proposes the Commission approve a modification to Eversource’s procedural schedule in this docket to accommodate a second RFP, as “strongly recommended” by the Commission Order No. 26,733 in this docket. In the alternative, should the Commission not authorize a second RFP, Eversource requests that the Commission authorize Eversource to engage in direct Market-based procurement to cover the remaining 50% of Large customer load. The proposed schedule for the second round RFP and subsequent filing and approval process is as follows:

Issue RFP	Thursday, December 16, 2022
Final Offers Due	Tuesday, January 10, 2023
Filing	Thursday, January 12, 2023
Hearing	Tuesday, January 17, 2023
Requested PUC Decision	No Later Than, Thursday, January 19, 2023

A hearing is scheduled for December 13, 2022 to review this submission and Eversource requests that the Commission issue an order as soon as possible thereafter, and preferably by Thursday December 15, 2022, approving the bids and authorizing any

necessary modifications to the procedural schedule, or alternatively authorizing Eversource to engage in direct Market-based procurement.

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. Specifically, Eversource seeks confidential treatment of the redacted portions of: Exhibits LJL-2, LJL-3, LJL-4, LJL-5, LJL-6, LJL-7, LJL-8, MBP-1, and MBP-4.

**WHEREFORE**, Eversource respectfully requests that the Commission issue a final order as soon as possible but no later than December 15, 2022, containing the following:

1. A finding that Eversource followed the 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 rate is appropriately calculated and consistent with Commission precedent;
3. A finding that the proposed retail rate is 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 rate, effective for service rendered on and after February 1, 2023; 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 8<sup>th</sup> day of December, 2022

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



By: \_

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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 8, 2022



\_\_\_\_\_  
Jessica A. Chiavara

**STATE OF NEW HAMPSHIRE**  
**BEFORE THE PUBLIC UTILITIES COMMISSION**  
**PETITION OF PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE**  
**d/b/a EVERSOURCE ENERGY**  
**DEFAULT ENERGY SERVICE RATE CHANGE**

**DIRECT TESTIMONY OF**  
**LUANN J. LAMONTAGNE, JAMES R. SHUCKEROW, and**  
**PARKER LITTLEHALE**

**December 8, 2022**

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 St, Berlin, Connecticut. I am a Senior Analyst  
7           in the Electric Supply department of Eversource Energy.

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 on-  
14          going activities associated with independent power producers and purchase power  
15          agreements.

16

17   **Q.     Please state your name, positions and business address.**

18   A.     My name is James R. Shuckerow. I am the Director, Electric Supply for Eversource  
19          Energy Service Company. My business address is 107 Selden Street, Berlin,  
20          Connecticut.

1

2 **Q. Mr. Shuckerow, could you please provide a brief summary of your**  
3 **responsibilities as Director, Electric Supply?**

4 **A.** In my present position as Director, Electric Supply, my responsibilities include  
5 leading the process to procure wholesale power supply contracts for Eversource  
6 Energy customers in New Hampshire, Connecticut and Massachusetts who have not  
7 selected retail power supply.

8

9 **Q. Please state your name.**

10 **A.** My name is Parker Littlehale.

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

12 **A.** My business address is 247 Station Dr., Westwood, MA. I am a Manager,  
13 Wholesale Power Supply in the Electric Supply department of Eversource Energy.

14 **Q. Mr. Littlehale, please describe your power procurement responsibilities at**  
15 **Eversource Energy.**

16 **A.** I oversee the process required to fulfill the power supply requirement obligations of  
17 the Company, including overseeing solicitations for the competitive procurement of  
18 power for ES, and supervising the fulfilling RPS obligations. I also manage this  
19 process for NSTAR of Massachusetts, d/b/a Eversource Energy.

20

21 **II. PURPOSE**

22

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

24 **A.** The purpose of our testimony is to support the Company's request for Commission  
25 approval of Eversource's planned procurements of full requirements power from  
26 wholesale energy providers and ES rates for both the Large and Small Customer  
27 groups for the period of February 1, 2023 through July 31, 2023. ES is provided to  
28 retail Eversource customers who are not taking service from a competitive supplier  
29 and is currently provided to approximately 84% of residential customers, 31% of

commercial customers, and under 7% of industrial customers, which in the aggregate represent about 49% of Eversource's total distribution load. Load requirements may change from time to time and winning suppliers are responsible for their share of Large or Small Energy Service supply regardless of changes in customer demand for any reason, including daily load fluctuations, increased or decreased usage, demand-side management activities, load migration as community power aggregations come online, extreme weather and similar events. Suppliers are required to supply their share of load for the full delivery term of February 2023 through July 2023. Our testimony will describe the solicitation process used by Eversource to procure full requirements power, the results of the solicitation and selection of suppliers, and the development of the RPS rate adder.

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

A.	LJL-1	Energy Service RFP for February 1, 2023 through July 31, 2023
	LJL-2	RFP Results and Selection of Suppliers
	LJL-3	Eversource Proxy Price
	LJL-4	RPS Rate Adder
	LJL-5	Executed Transaction Confirmation –Large
	LJL-6	Executed Transaction Confirmation –Small
	LJL-7	Executed Transaction Confirmation –Small
	LJL-8	Executed Transaction Confirmation –Small
	LJL-9	Chart – Mass Hub Forward Price of On-Peak Power (\$ per MWh)

### **III. ENERGY SERVICE SOLICITATION PROCESS**

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

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

1 Consistent with the 2015 Agreement, on June 29, 2017 Eversource filed a petition  
2 and supporting testimony with the Commission seeking approval of a proposed  
3 process for procuring and providing default ES to customers on a competitive basis,  
4 rather than through its previous paradigm of a managed portfolio with owned  
5 generation resources. This filing-initiated Docket No. DE 17-113, "Petition for  
6 Approval of Energy Service Supply Proposal." Following discussions among the  
7 parties to that docket, a Settlement Agreement was reached that described the  
8 method of and timing for Eversource's transition to competitively procured Energy  
9 Service following the sale of its thermal generating assets. That Settlement  
10 Agreement was approved by Order No. 26,092 (December 29, 2017).

11 Consistent with the Settlement Agreement in Docket No. DE 17-113, Eversource  
12 conducted its initial solicitation for full requirements ES (not including RPS  
13 obligations) for the period April 1 through July 31, 2018. Also consistent with the  
14 Settlement Agreement, going forward, subsequent solicitations are made for service  
15 effective in the August through January, and February through July periods.  
16

17 The Company has continued its procurement consistent with the Settlement  
18 Agreement from Docket No. DE 17-113, adhering to the process which includes a  
19 single procurement for 100% of the ES for each of the two six-month procurement  
20 periods spanning February through July, and August through January. Eversource's  
21 periods were established by splitting the typically highest-cost months of January  
22 and February to reduce price volatility.

23 **Q. Please describe the process Eversource used to procure its Energy Service**  
24 **supply for February 1, 2023 through July 31, 2023.**

25 A. Eversource conducted its procurement of ES supply in accordance with applicable  
26 law, Commission directives, and the Settlement Agreement approved by the  
27 Commission in Order No. 26,092, and consistent with the manner of similar  
28 solicitations for other companies throughout New England. On October 27, 2022,



1 Eversource issued a request for proposals (“RFP” – Attachment L JL-1) for power  
2 supply services for Eversource’s ES covering both the Large and Small Customer  
3 groups. Notices of the issuance of the RFP were sent to prior participants in  
4 Eversource’s wholesale supply solicitations, numerous other ISO-NE wholesale  
5 market participants and potential suppliers, and the RFP was posted on  
6 Eversource’s Wholesale Supply (New Hampshire) website. Therefore, the RFP had  
7 wide distribution throughout the New England energy supply marketplace.

8 Proposals were to be stated on an “as-delivered” energy basis to Pool Transmission  
9 Facilities (“PTF”) within the Eversource metering domain, with prices stated  
10 monthly on a fixed \$/MWH basis. Prices could vary by calendar month but were  
11 required to be uniform for the entire calendar month and cover the entire delivery  
12 term. The Small Customer group was divided into eight tranches and the Large  
13 Customer group was divided into two tranches. This is a revision from previous  
14 solicitations that offered four tranches for the Small Customer group and one  
15 tranche for the Large Customer group. The motivation to increase the number of  
16 tranches offered was to incentivize supplier participation by reducing the MWh’s  
17 per tranche, therefore reducing the associated risk and load uncertainty for each  
18 individual tranche. Offers were due on December 6, 2022, winning suppliers were  
19 selected the same day, and transaction confirmations were executed the following  
20 day.

#### 21 **IV. ENERGY SERVICE SOLICITATION RESULTS**

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

24 A. Eversource takes into account the totality of the circumstances surrounding the  
25 RFP and the service period that it covers. The main criteria however, in addition to  
26 the proxy price, are the number of bidders participating, the number of bids  
27 received, and how the bid prices are clustered, or distributed. These criteria are  
28 particularly telling regarding the state of the market.

1  
2 In this instance, the results for the small customer group satisfied all the main  
3 criteria: there were several bidders and associated bids, and the bid prices were  
4 clustered closely together. This combination gives the Company a high degree of  
5 confidence in recommending these bids as just and reasonable. Additionally, the  
6 bids also all came in around the proxy price, with the highest bid accepted being  
7 just one percent above the proxy.

8  
9 This differs from the Large Customer group that received only one bid for one of  
10 two tranches. But while the results for the Large Customer group didn't satisfy the  
11 criteria discussed above, the bid is nonetheless market reflective. Historically,  
12 Eversource's Large Customer group has been load that suppliers are very reluctant  
13 to bid on—and this was the case long before the current market volatility—as it is a  
14 relatively small amount of load that has a high degree of uncertainty and chance of  
15 customer migration; so it was not unexpected to receive only one bid on one of two  
16 tranches. And while the price of the bid received was notably over the Eversource  
17 proxy price, it was also consistent with bids for analogous load in Eversource's  
18 other service territories. Overall, the bid received was indicative of market  
19 conditions for this load and is therefore just and reasonable and should be approved  
20 by the Commission.

21  
22 **Q. Did Eversource have a market price expectation as to the results of the**  
23 **procurement?**

24 **A.** In support of the decision-making criteria discussed above, Eversource  
25 independently prepares a “proxy” supplier price using the Company's internal  
26 analysis to evaluate the reasonableness of the offers received. The proxy price is  
27 prepared on the same date that suppliers' bids are due so that the Company is using  
28 the most current and analogous market information to analyze the reasonableness of  
29 the offers received. While a sound process properly run and robust participation are  
30 the most preferred attributes of any open solicitation, a consistently calculated  
31 proxy price provides a reference point that facilitates analysis of the degree of

1 market reflectiveness, and therefore reasonableness, of those offers. Eversource  
2 uses the approach described below to develop such proxy prices.

3 Eversource calculates the costs of the energy and capacity components, and then  
4 applies a range of factors to account for all other cost elements. The energy  
5 component is calculated utilizing forecasted monthly energy service loads, the  
6 number of peak and off-peak hours in each month of the delivery term, and peak  
7 and off-peak energy market prices as of the RFP due date, to arrive at a load-  
8 weighted average energy cost for the term. For the capacity component, Eversource  
9 converts ISO-NE's known regional capacity costs and forecast of loads to monthly  
10 \$/MWh rates, and then uses the forecasted monthly ES loads to arrive at a load-  
11 weighted capacity price for the term. The factors mentioned above are applied to  
12 the energy component and incorporate other cost elements such as hourly load  
13 weighting, ancillaries, ISO-NE administrative costs, and supplier risk premiums and  
14 profits. The ratioed energy components and capacity component are then added  
15 together to provide a range within which suppliers offers might be expected to fall.

16  
17 Eversource develops a proxy price for each of the customer groups. For the small  
18 customer group, there is a greater amount of data used to develop that price, where  
19 for the large customer group, there is less data available on which to base the proxy.  
20 The effect of this is that the small customer group proxy price is a more precise  
21 indication of where bids are likely to come in, where the large customer proxy price  
22 is more of an estimate, or indicative of a range, of where bids may come in.

23 The factors are developed from recent winning offers received in our service  
24 territories by removing the then-applicable capacity component and dividing the net  
25 by the then-calculated energy component. This approach of developing the proxy  
26 price employs the Company's knowledge and experience to present an  
27 approximation of expected bid prices, which allows the Company to assess the  
28 market-reflectiveness of bids received with a reasonable degree of certainty. Bids  
29 received during 2022 have reflected a sharp increase in energy prices caused by

1 high natural gas prices used by the generation fleet of resources within New  
2 England.

3

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

6 A. Eversource received more than sufficient bids for the Small Customer Group but  
7 not for the Large Customer Group. Eversource received thirteen conforming  
8 proposals for the eight tranches for Small Customers and one conforming proposal  
9 for the two Large Customer tranches. For the other 50% tranche of Large Customer  
10 load Eversource received no bids. Eversource evaluated these offers and selected  
11 winning suppliers using Eversource's decision-making criteria, further supported by  
12 the proxy prices by customer group and accounting for current market conditions,  
13 as well as compliance with non-price bidding requirements and bidder  
14 qualifications, and risk relative to price and ability to serve the load. For all bids  
15 the Company accepted on December 6, 2022, Eversource entered into Transaction  
16 Confirmations for the service period of February 1, 2023 through July 31, 2023  
17 with the winning suppliers for the Large and Small Customer groups. Together, a  
18 Transaction Confirmation and a Master Power Supply Agreement ("MPSA")  
19 provide the terms for the purchase of ES from a supplier, and both have been  
20 executed for all the winning suppliers. Copies of executed Transaction  
21 Confirmations are included in this filing as Confidential Attachments LJL-5, LJL-6,  
22 LJL-7, and LJL-8. Executed MPSAs with winning bidders were previously  
23 provided in Docket No. DE 18-002.

24

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

27 A. The offers received and the identification of the winning offers are shown in  
28 Confidential Attachment LJL-2. In addition to ranking by price and the ability to  
29 meet credit requirements, Eversource also considered the following regarding each  
30 supplier: experience in providing similar services to Eversource, demonstrated  
31 understanding of the market rules related to the provision of ES, demonstrated

1 understanding of its obligations under the MPSA, and any past or present events  
2 that are known that may adversely affect a supplier's ability to provide ES.  
3 Eversource has previously experienced successful full requirements power supply  
4 transactions with all of the selected suppliers, and all of them performed  
5 competently during the service periods for which they were selected. No suppliers  
6 were downgraded by any prior experience and all have met the credit requirements  
7 outlined by the MPSA and RFP. Eversource concluded that all responding  
8 suppliers were qualified to provide ES and therefore selections were based on prices  
9 taking into account the current state of the competitive market.  
10

11 **Q. How did the RFP outcome compare with the Company's expectations and**  
12 **what is that attributable to?**

13 A. The results from the Small Customer group were overall more positive than those  
14 from recent procurements in other service territories, while the results from the  
15 Large Customer group were consistent with neighboring states. However, the  
16 Company anticipated that there would be a degree of unpredictability to the RFP  
17 outcome that would be tied to market volatility, so it was not entirely surprising that  
18 the bids for the customer group were more robust than predicted. There could be a  
19 number of factors contributing to the outcome of the Small customer group  
20 including cutting the size of the tranches in half, or the fact that the Company has  
21 taken the public position in all three of its service territories that it was willing to  
22 reject bids in favor of Company market-based procurement if those bids were so  
23 unreasonably high as to not be market reflective. However, a verifiable correlation  
24 may be tied to the fortunate timing for rendering bids to the Company. Prices  
25 dropped just days before bids were due (see Attachment L JL-9), and Eversource  
26 received more bids than expected.  
27

28 **Q. Is the outcome of the Small Customer group indicative of an improving and**  
29 **stabilizing market?**

30 A. Unfortunately, no. The Company was pleased that the price of ES decreased  
31 compared with the current service period, but as referenced in the previous

1 response, this is most likely due to fortuitous timing, and not a stable downward  
2 market trend. Currently, the only market trend is persistent volatility. Please see  
3 Attachment LJI-9 for a depiction of how the weighted average cost of buying a  
4 MWh during the February through July 2023 service period has changed from June  
5 2020 through December 2022. The graph shows that there is no indication of  
6 stabilization from the extreme volatility that has been experienced.

7

8 **Q. How does the Company propose to proceed to address the remaining load not**  
9 **covered by bids from this RFP?**

10 A. For the Large Customer tranche that received no bids, Eversource requests that the  
11 Commission modify the procedural schedule to accommodate a second RFP,  
12 consistent with the Commission's recommendation "strongly encouraging" the  
13 Company to do so. Upon authorization by the Commission, Eversource will issue a  
14 second RFP for 50% of the load for Large Customers for the service period of  
15 February 1, 2023 through July 31, 2023. Eversource proposes the following  
16 schedule for the second RFP and subsequent approval process:

17	Issue RFP	Thursday, December 16, 2022
18	Final Offers Due	Tuesday, January 10, 2023
19	Filing	Thursday, January 12, 2023
20	Hearing	Tuesday, January 17, 2023
21	Requested PUC Decision	No Later Than, Thursday, January 19, 2023

22

23 **Q. Is there another option to cover the remaining ES load that does not entail**  
24 **issuing a second RFP?**

25 A. Yes. The Commission could direct Eversource to initiate a Market-Based  
26 Procurement Process that would require the Company to bid into the day ahead  
27 ISO-NE market for uncovered Large Customer load for the February 2023 through  
28 July 2023 service period. Market-Based Procurement by the Company will also  
29 become necessary should a second RFP be issued but fail to produce bids to cover  
30 the remaining ES load. However, the Company is prepared to issue the second RFP  
31 upon authorization from the Commission.

1  
2 **Q. Are there any other considerations the Company would like the Commission to**  
3 **take into account?**

4 A. Yes. To undertake a Market-Based Procurement Process, Eversource would need  
5 to hire an outside vendor to generate a load forecast to facilitate purchases in the  
6 ISO-NE day ahead market. The vendor needs several weeks to build the load  
7 forecasting model that generates the load forecast necessary for this work, so for the  
8 Company to be able to provide ES on February 1, 2023 via Market-Based  
9 Procurement in the event the second RFP is unsuccessful, the Company asks that  
10 the Commission authorize this work in the order it issues for the bids recommended  
11 for approval in this filing, which the Company has requested by December 15. The  
12 costs of this work will be nominal.

13 **V. RENEWABLE PORTFOLIO STANDARDS**

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

17 A. In accordance with the Settlement Agreement in Docket No. DE 17-113,  
18 Eversource will manage its RPS needs outside of the ES RFP process. Consistent  
19 with the manner employed by Eversource for ES customers in New Hampshire over  
20 many previous years, by Eversource's affiliated companies in other jurisdictions,  
21 and by other New Hampshire utilities, Eversource will fulfill RPS requirements  
22 through purchases of Renewable Energy Credits ("RECs") from the issuance of  
23 periodic RFPs, through purchases directly from producers, through the bilateral  
24 market, or through Alternative Compliance Payments ("ACPs") to RECs.  
25 Eversource will manage RPS compliance in this matter for all Eversource ES load,  
26 whether covered by competitive suppliers or through Market-Based Procurement by  
27 the Company.

1       Regarding fulfillment of Class I Renewable Energy Certificate (“REC”)  
2       requirements, Eversource will continue to purchase Class I RECs from the Burgess  
3       BioPower and Lempster Wind facilities under existing PPAs. The REC amounts  
4       purchased from these sources may more than meet Energy Service obligation  
5       quantities, eliminating the need for other Class I purchases.

6       **Q.     How will RPS requirements be reflected in Energy Service customers’ rates?**

7       A.     Eversource has established an RPS Adder rate based on REC class percentage  
8       requirements, current market price information as of the full requirements power  
9       supply RFP due date, and any RECs currently existing in inventory. Development  
10      of the RPS Adder is outlined in Attachment LJL-4. The RPS component of ES  
11      rates will apply these factors to reflect the current expected cost of RPS compliance  
12      obligations. The RPS Adder and the rate developed to recover the costs of full  
13      requirements power supply procurements from suppliers comprise the two  
14      components of the overall ES rate. Please refer to Ms. Paruta’s testimony which  
15      addresses ES rate development.

16      **Q.     Are there any provisions unique to the Burgess BioPower and Lempster Wind**  
17      **PPAs due to the purchase requirements discussed above?**

18      A.     Since the 2015 Agreement calls for the costs of those PPAs to be recovered via the  
19      Stranded Cost Recovery Charge (“SCRC”), a transfer price must be set for Class I  
20      RECs obtained under those PPAs which are used to satisfy the RPS compliance  
21      needs of ES customers. Eversource has established the Class I transfer price  
22      according to the Settlement Agreement from Docket No. DE 17-113 and the  
23      methodology described in the June 28, 2017 Joint Testimony of Shuckerow, White  
24      and Goulding in Docket No. DE 17-113. The \$/REC transfer price is the current  
25      market price for Class I RECs shown in Attachment LJL-4, and the volume of Class  
26      I RECs needed for RPS compliance for ES during February 2023 through July  
27      2023, will be transferred at that price.



1 **VI. CONCLUSION**

2  
3 **Q. How does Eversource view the outcome of its solicitation for the provision of**  
4 **Energy Service for February 1, 2023 through July 31, 2023?**

5 A. The outcome of this RFP is reflective of market conditions and the bids  
6 recommended by the Company for approval in this filing represent market-  
7 competitive supply rates for the Company's ES customers. Eversource urges the  
8 Commission to accept all proposed bids, including the bid for the Large Customer  
9 group, despite this bid being over the Company's proxy price. As discussed  
10 previously, the bid price was consistent with comparable load from neighboring  
11 service territories, and indicative of the market's historical reluctance to cover this  
12 load. At this time, this bid is a reasonable reflection of overall market conditions  
13 for this ES load. Should the Commission reject this bid, not only would the  
14 Company be unlikely to receive any bids in a second RFP for this service period,  
15 but it will also likely be hard-pressed to receive bids for future RFPs for the Large  
16 Customer group, and possibly fewer bids for the Small Customer group as well.  
17 Setting precedent for bid rejection would likely destabilize the expectations of  
18 suppliers and create further uncertainty and risk for suppliers in future RFPs. For  
19 the remaining uncovered load for the Large Customer group, Eversource  
20 respectfully requests that the Commission either approve a second RFP and bid  
21 approval process to be executed in this docket, or alternatively direct the Company  
22 to conduct Market-Based Procurement.

23  
24 **Q. Does the Company believe that the bids recommended for approval in this**  
25 **filing will result in just and reasonable rates?**

26 A. Yes.  
27  
28  
29  
30

1   **Q.    What is the Company’s schedule for the solicitation for the Energy Service**  
2   **period of August 2023 through January 2024?**

3   A.    Eversource plans to issue an RFP for the Large and Small Customer groups in May  
4        2023 for Energy Service over the period August 1, 2023 through January 31, 2024.  
5        For purposes of notice to the Commission, the following illustrates Eversource’s  
6        proposed schedule for the next RFP:

7        Issue RFP                               Thursday, May 11, 2023

8        Final Offers Due                      Tuesday, June 13, 2023

9        Filing                                   Thursday, June 15, 2023

10       Requested PUC Decision      No Later Than, Thursday, June 22, 2023

11

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

13   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, 2023

**October 27, 2022**

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

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

October 27, 2022

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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**

October 27, 2022

**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 Service<sup>1</sup> to its customers on PSNH’s Energy Service tariff, commencing February 1, 2023. The full terms of the procurements are detailed in this Request for Proposals (“RFP”). Final bids are due on Tuesday, December 6, 2022 by 10 A.M. EPT.

PSNH is a subsidiary of Eversource, 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”) to supply firm, load-following power to meet the Energy Service requirements (as defined below) for customer groups for 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 Full Requirements 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 customer moving into PSNH’s service territory, who has not affirmatively chosen a competitive supplier.

Under this RFP, PSNH will purchase 100% of both the Small and Large Customers’ Energy Service loads for February 1, 2023 through July 31, 2023. Bidders must offer to supply the entire load for

---

<sup>1</sup> See the attributes of “Full Requirements Energy Service” described in Section IV. “Nature of Service.”

the applicable Delivery Period 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, 2023 and terminates at the end of hour ending 2400 EPT on July 31, 2023. 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:

<b>Zone</b>	<b>Asset Name</b>	<b>Asset ID #</b>
NH:	PSNH SMALL CUSTOMER LOAD	752

### **Large Customer Group**

The delivery term begins on hour ending 0100 EPT on February 1, 2023 and terminates at the end of hour ending 2400 EPT on July 31, 2023. There are two tranches of 50% each totaling 100% of Large Customer energy service load. The Large Customer group is comprised of the following load asset:

<b>Zone</b>	<b>Asset Name</b>	<b>Asset ID #</b>
NH:	PSNH LARGE CUSTOMER LOAD	43493

## **III. Delivery**

The Full Requirements 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 a share of the appropriate 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 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 NH 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"). Supplier shall be responsible for all transmission and distribution losses associated with delivery of energy from the Delivery Points to the ultimate customers' meters.

The Supplier(s) of Full Requirements 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 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 Master Power Supply Agreement.
- ☐ 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 2022.
- ☐ Historical daily ICAP data, by customer group, for the period January 2015 through September 2022.

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 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.

There has been significant activity regarding municipal aggregation in the PSNH Electric Service territory. The aggregation programs are designed to move customers from Energy Service to competitive supply and are administered independently. The New Hampshire Public Utilities Commission ("PUC") approved Community Power Aggregation rules PUC 2200: Municipal and County Aggregation Rules: RSA 53-E:7, X on July 28, 2022.

At this time, seven aggregation program plans have been submitted by municipalities within Eversource service territory to the PUC for approval, with one—the City of Keene—having been approved. Additional plans may be approved before and during the Service Periods referenced in this RFP. Suppliers should refer to the PUC website for more information and updates on the status of aggregation plans in the State. 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”.

## **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 Master Power Supply Agreement 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. 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 that it 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 6, 2022 and held open until the earlier of 5 P.M. EPT on Thursday, December 15, 2022 or the date and time at which such offer is either accepted or rejected by PSNH, based on PUC review. 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.

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. Winning suppliers 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 8, 2022. 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 accordance 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 the 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 term of the period covered by this RFP;
- 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, 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 Supplier requires a Guarantor to satisfy these credit requirements, Supplier shall deliver to Buyer prior to bid submission a

guaranty in a form acceptable to Buyer for prompt payment by Guarantor when due of all present and future payment obligations of 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.
- 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 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 PUC's favorable review of the results of PSNH's solicitation for Energy Service. Section 3.2 of the PSNH Master Power Supply Agreement 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 Proposal Issued	Thursday, October 27, 2022
<b>Final Bids due</b>	<b><u>Tuesday, December 6, 2022 – 10:00 a.m. EPT</u></b>

Award Group selected	Tuesday, December 6, 2022, no later than 3:00 p.m. EPT
Transaction Confirmation Documents Executed	Wednesday, December 7, 2022
PUC Filing	Thursday, December 8, 2022
PUC Hearing	Tuesday, December 13, 2022
Requested PUC Decision	No Later Than Thursday, December 15, 2022
Service Begins	February 1, 2023

## **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](mailto:luann.lamontagne@eversource.com)**

**E-mail : [parker.littlehale@eversource.com](mailto: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 jurisdictional 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 NH PUC, 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 in 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

Docket No. DE 22-021

Attachment LJL-2

Page 1 of 1

December 8, 2022

**Attachment LJL-2  
Eversource RFP Results - February 1, 2023 through July 31, 2023**

<u>Loads</u>	<u>MWh</u>						<u>Period</u>
	<u>Feb-23</u>	<u>Mar-23</u>	<u>Apr-23</u>	<u>May-23</u>	<u>Jun-23</u>	<u>Jul-23</u>	
Forecasted Loads	347,034	337,412	292,404	292,396	338,215	409,090	2,016,551
Large Customer Group	<b>20,488</b>	<b>19,920</b>	<b>17,263</b>	<b>17,262</b>	<b>19,967</b>	<b>24,152</b>	119,052
Small Customer Group - Total	<b>326,546</b>	<b>317,492</b>	<b>275,141</b>	<b>275,133</b>	<b>318,248</b>	<b>384,939</b>	1,897,499
Large Customer Group - Per Tranche	10,244	9,960	8,631	8,631	9,984	12,076	59,526
Small Customer Group - Per Tranche	40,818	39,686	34,393	34,392	39,781	48,117	237,187

<u>\$/MWh</u>									
<b>Large Customer Suppliers</b>	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Period	Period \$	Rank
H.Q. Energy Services (U.S.) Inc.									
<b>Small Customer Suppliers</b>	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Period	Period \$	Rank
Constellation Energy Generation, LLC.									
Constellation Energy Generation, LLC.									
NextEra Energy Marketing, LLC									
NextEra Energy Marketing, LLC									
Constellation Energy Generation, LLC.									
NextEra Energy Marketing, LLC									
NextEra Energy Marketing, LLC									
H.Q. Energy Services (U.S.) Inc.									

<u>\$/MWh</u>								
<b>Winning Small Customer Offers</b>	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Period	Period \$
Constellation Energy Generation, LLC.								
Constellation Energy Generation, LLC.								
NextEra Energy Marketing, LLC								
NextEra Energy Marketing, LLC								
Constellation Energy Generation, LLC.								
NextEra Energy Marketing, LLC								
NextEra Energy Marketing, LLC								
H.Q. ENERGY SERVICES (U.S.) INC.								
<b>Overall Result</b>								

<b>Winning Large Customer Offers</b>	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Period	Period \$
H.Q. ENERGY SERVICES (U.S.) INC.								
<b>Overall Result</b>								

**REDACTED**

Docket No. DE 22-021

Attachment LJL-3

December 8, 2022

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**Attachment LJL-3****Eversource Proxy Prices - February 1, 2023 through July 31, 2023**

<b>Large Customers</b>	<b>Feb-23</b>	<b>Mar-23</b>	<b>Apr-23</b>	<b>May-23</b>	<b>Jun-23</b>	<b>Jul-23</b>	<b>Period</b>
Load Forecast - MWh	20,488	19,920	17,263	17,262	19,967	24,152	119,052
Monthly Hours - Peak	320	368	320	352	352	320	2,032
Monthly Hours - Off-Peak	352	376	400	392	368	424	2,312
All-Hours	672	744	720	744	720	744	4,344
<u>Forward Energy Prices - \$/MWh</u>							
Peak	262.85	151.00	85.00	59.25	62.50	88.50	
Off-Peak	242.30	140.00	76.50	49.00	49.50	59.55	
All-Hours	252.09	145.44	80.28	53.85	55.86	72.00	
Load-Weighted Period Average							111.14
Capacity - \$/MWh	14.09	14.81	17.02	16.58	8.45	7.76	
Load-Weighted Period Average							12.77
<u>Energy Price Bid Multiplier</u>							
<u>Term Proxy Price - \$/MWh</u>							

<b>Small Customers</b>	<b>Feb-23</b>	<b>Mar-23</b>	<b>Apr-23</b>	<b>May-23</b>	<b>Jun-23</b>	<b>Jul-23</b>	<b>Period</b>
Load Forecast - MWh	326,546	317,492	275,141	275,133	318,248	384,939	1,897,499
Monthly Hours - Peak	320	368	320	352	352	320	2,032
Monthly Hours - Off-Peak	352	376	400	392	368	424	2,312
All-Hours	672	744	720	744	720	744	4,344
<u>Forward Energy Prices - \$/MWh</u>							
Peak	262.85	151.00	85.00	59.25	62.50	88.50	
Off-Peak	242.30	140.00	76.50	49.00	49.50	59.55	
All-Hours	252.09	145.44	80.28	53.85	55.86	72.00	
Load-Weighted Period Average							111.14
Capacity - \$/MWh	14.09	14.81	17.02	16.58	8.45	7.76	
Load-Weighted Period Average							12.77
<u>Energy Price Bid Multiplier</u>							
<u>Term Proxy Price - \$/MWh</u>							

**REDACTED**

Docket No. DE 22-021

Attachment LJL-4

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December 8, 2022

**Attachment LJL-4****Eversource RPS Adder - February 1, 2023 through July 31, 2023**

<b>RPS Component</b>	<b>Feb-Jul, 2023</b>
<b>Forecast Sales - MWh</b>	1,873,244
<b><u>Percentage of Sales Requirement</u></b>	
Class I	11.00%
Class I - Thermal	2.20%
Class II	0.70%
Class III	8.00%
Class IV	1.50%
<b><u>RECs Requirement</u></b>	
Class I	
Class I - Thermal	
Class II	
Class III	
Class IV	
<b><u>Current Inventory - RECs</u></b>	
Class I	
Class I - Thermal	
Class II	
Class III	
Class IV	
<b><u>Current Inventory Cost - \$/REC</u></b>	
Class I	0.00
Class I - Thermal	0.00
Class II	0.00
Class III	0.00
Class IV	0.00
<b><u>Current Market Prices - \$/REC</u></b>	
Class I	37.25
Class I - Thermal	27.26
Class II	35.25
Class III	34.50
Class IV	27.00
<b><u>RPS Rate Adder - c/kWh</u></b>	
Class I	0.410
Class I - Thermal	0.060
Class II	0.025
Class III	0.276
Class IV	0.041
<b>Total RPS Adder - c/kWh</b>	<b>0.811</b>

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



## MASTER POWER SUPPLY AGREEMENT TRANSACTION CONFIRMATION

This Transaction Confirmation agreed to on December 6, 2022, 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 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, 2023	July 31, 2023

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

Tranche	Customer Group	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23
1	PSNH Large 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:

### 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.

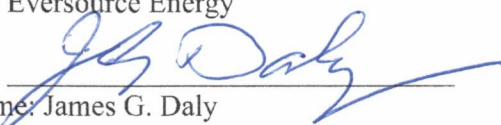
**6. Counterparts.**

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: 2022-12-07

## MASTER POWER SUPPLY AGREEMENT TRANSACTION CONFIRMATION

This Transaction Confirmation agreed to on December 6, 2022, 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 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 Small Customers	NH	12.5%	February 1, 2023	July 31, 2023

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

Tranche	Customer Group	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23
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:

### 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.

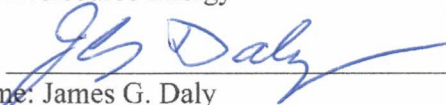
**6. Counterparts.**

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: 2022-12-07

## MASTER POWER SUPPLY AGREEMENT TRANSACTION CONFIRMATION

This Transaction Confirmation agreed to on December 6, 2022 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, 2023	July 31, 2023
2	PSNH Small Customers	NH	12.5%	February 1, 2023	July 31, 2023
3	PSNH Small Customers	NH	12.5%	February 1, 2023	July 31, 2023
4	PSNH Small Customers	NH	12.5%	February 1, 2023	July 31, 2023

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

Tranche	Customer Group	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23
1	PSNH Small Customers						
2	PSNH Small Customers						
3	PSNH Small Customers						
4	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: See Guaranty -

### 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.

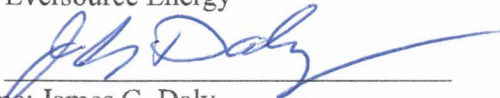
**6. Counterparts.**

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

NEXTERA ENERGY MARKETING, LLC

By:   
Name: Rebecca Collier  
Title: Trading Risk Analyst  
Date: December 7, 2022



## MASTER POWER SUPPLY AGREEMENT TRANSACTION CONFIRMATION

This Transaction Confirmation agreed to on December 6, 2022 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, 2023	July 31, 2023
2	PSNH Small Customers	NH	12.5%	February 1, 2023	July 31, 2023
2	PSNH Small Customers	NH	12.5%	February 1, 2023	July 31, 2023

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

Tranche	Customer Group	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23
1	PSNH Small Customers						
2	PSNH Small Customers						
3	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: Ravi Ganti  
Title: SVP, Portfolio Management & Analytics

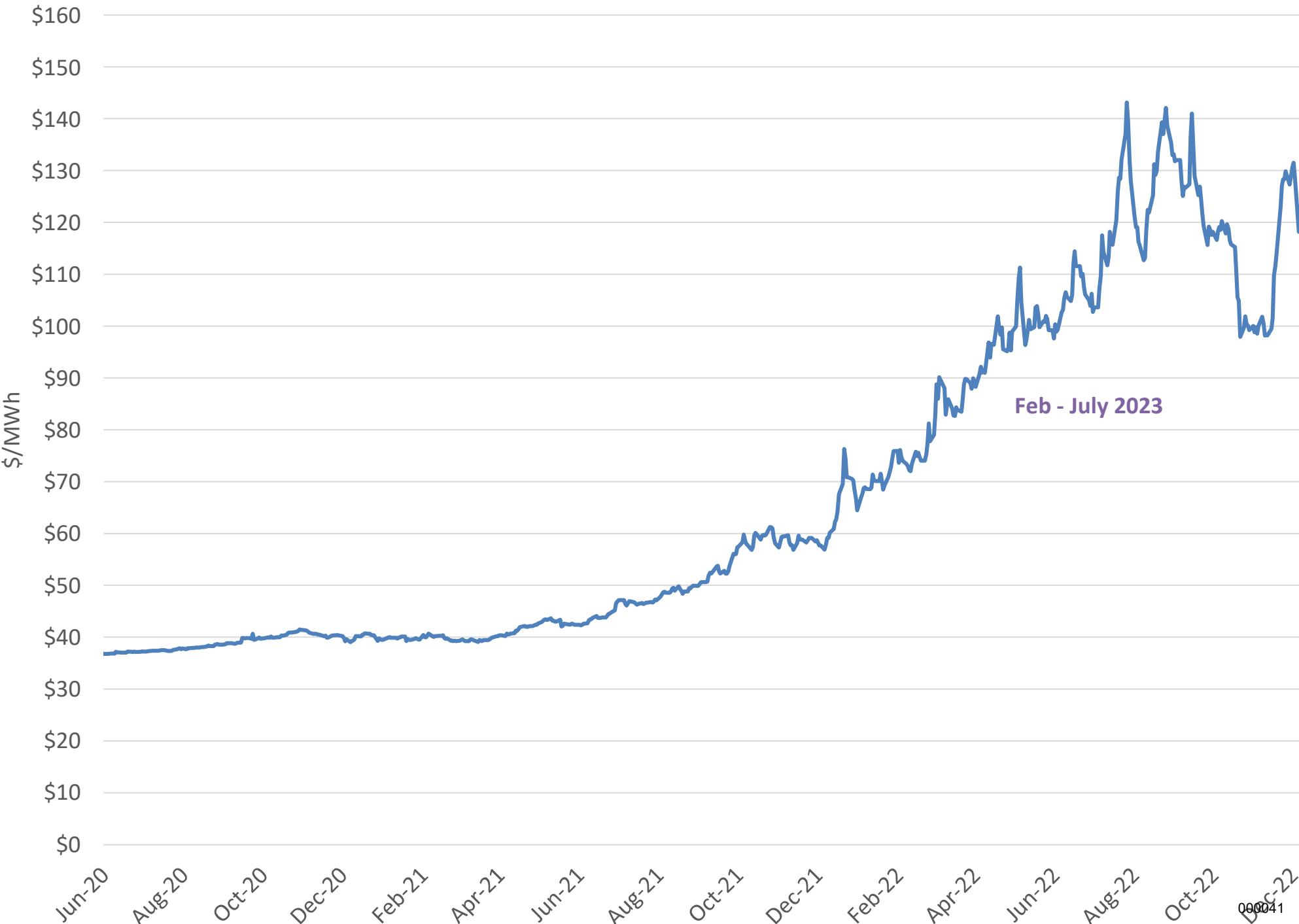




# Mass Hub Forward Price of On-Peak Power (\$/MWh)

## Jun. 1, 2020 - Dec. 5, 2022

Docket No. DE 22-021  
Attachment 1  
Exhibit 3  
December 8, 2022  
Page 1 of 1



Feb - July 2023

**STATE OF NEW HAMPSHIRE**  
**BEFORE THE NEW HAMPSHIRE PUBLIC UTILITIES COMMISSION**  
**DIRECT TESTIMONY OF MARISA B. PARUTA**  
**PETITION OF PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE**  
**d/b/a EVERSOURCE ENERGY**  
**DEFAULT ENERGY SERVICE RATE CHANGE**

**December 8, 2022**

**Docket No. DE 22-021**

---

1   **Q.    Please state your name, business address and position.**

2   A.    My name is Marisa B. Paruta. My business address is 107 Selden Street, Berlin,  
3       Connecticut. I am employed by Eversource Energy Service Company as the Director of  
4       New Hampshire and Connecticut Revenue Requirements and in that position, I provide  
5       service to Public Service Company of New Hampshire d/b/a Eversource Energy  
6       (“PSNH”, “Eversource” or the “Company”).

7   **Q.    Please provide your educational and professional background.**

8   A.    I received a Bachelor of Arts degree in accounting from the University of Connecticut  
9       School of Business. I started my career at Arthur Andersen in the client audit and assurance  
10       practice, continuing at Deloitte in the same practice. I joined Northeast Utilities,  
11       Eversource’s predecessor, and worked in the accounting organization through multiple  
12       positions leading to the Director of Corporate Accounting and Financial Reporting. I  
13       moved to the Regulatory and Revenue Requirements team in my current position in June  
14       2021. I have been with Eversource Energy for over 19 years.

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

1 A. As the Director of Revenue Requirements, I am responsible for the coordination and  
2 implementation of revenue requirements calculations and regulatory filings for the  
3 Connecticut and New Hampshire electric and natural gas subsidiaries of Eversource  
4 Energy, including PSNH. This includes filings associated with the Company's default  
5 Energy Service ("ES"), Stranded Cost Recovery Charge ("SCRC"), Transmission Cost  
6 Adjustment Mechanism ("TCAM"), Regulatory Reconciliation Adjustment ("RRA") and  
7 Distribution rates.

8 **Q. Have you previously testified before the New Hampshire Public Utilities**  
9 **Commission (the "Commission")?**

10 A. Yes, I provided testimony before the Commission in the RRA filings submitted in Docket  
11 Nos. DE 21-029 and DE 22-010; the Step 3 Adjustment filing in Docket No. DE 22-030;  
12 the TCAM Rate filing in Docket No. DE 22-034; and the Recovery of Storm Expense filing  
13 in Docket No. DE 22-031. I also testified in front of the Commission in Docket No. DE  
14 20-092 pertaining to the 2022-2023 Energy Efficiency Plan and Docket No. DE 21-078  
15 pertaining to the EV Make Ready/Demand Charge Alternatives.

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

17 A. The purpose of my testimony is to seek the necessary approvals to set a fixed ES rate for  
18 the Small Customer class applicable for the six-month period beginning February 1, 2023  
19 and ending July 31, 2023. The monthly ES rate for the Large Customer class for the six-  
20 month period beginning February 1, 2023 and ending July 31, 2023 for Eversource  
21 customers who take service under the ES rate will be presented to the Commission for

review and approval shortly after the completion of the Company's anticipated second RFP. The Large Customer class ES rate will either be derived from a bid received or if no bids are received then based on the bid price received from this RFP that will serve as the ES price during the six-month service period while the Company engages in direct market-based procurement. If the Company must engage in market-based procurement, actual market prices paid during the service period will be reconciled against the ES price designated for the service period by the Commission.

Small Customer Rates (1)	Large Customer Rates (2)
R	GV
R-OTOD	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)	

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

A. In this proceeding, consistent with the Settlement Agreement approved in Docket No. DE 17-113, Eversource is requesting that the Commission review and approve a fixed six-month ES rate for the Small Customer class for the period of February 1, 2023 through July 31, 2023 based on the weighted average of the six monthly-contracted prices

1 contained in the supply agreement(s) with the winning bid selection(s) for the Small  
2 Customer class. For the Small Customer class, the fixed ES rate for the period of  
3 February 1, 2023 through July 31, 2023 is \$0.20221 per kWh, as calculated on page 1 of  
4 Attachment MBP-1.

5  
6 **Q. Please describe the detailed support for the calculation of the Small Customer ES**  
7 **rates.**

8 A. Attachment MBP-1, Page 1, provides the calculation of the total monthly ES rate for the  
9 Small Customer class, including the cost/(credit) of RPS compliance, prior period  
10 reconciliations for ES, RPS, cost of administrative and general (A&G) expense, and  
11 working capital requirement associated with the ES offering. The weighted average  
12 Small Customer fixed ES rate for the period of February 1, 2023 through July 31, 2023 is  
13 calculated on Line 13.

14  
15 Attachment MBP-1, page 3, provides the forecasted A&G expenses associated with the  
16 ES offering. The A&G adjustment factor is calculated on Line 8.

17  
18 Attachment MBP-1, page 4, provides the forecasted working capital associated with the  
19 ES offering for both Small Customer and Large Customer classes. The monthly ES rates  
20 for the six-month period are calculated on Lines 7, 14, and 19, whereby the sum of Lines  
21 7 and 19 are for the Small Customer class and Lines 14 and 19 are for the Large  
22 Customer class.

1 **Q. Did the Company update the reconciliation factors provided in this rate request for**  
2 **rates effective February 1, 2023?**

3 A. No. This rate filing includes the reconciliation factors as presented in the August 1, 2022  
4 rate filing. The updates to the Small ES, Large ES and RPS reconciliation adjustment  
5 factors are made on an annual basis and will be filed in the upcoming June 2023 ES filing  
6 for ES rates effective August 1, 2023.

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

9 A. Yes. In Order No. 26,237 issued on April 25, 2019 in Docket No. DE 18-073, the  
10 Commission authorized Eversource to use the results of a lead/lag study in the calculation  
11 of working capital requirements for ES rates. The Company's most recent lead-lag study  
12 was filed in the June 16, 2022 filing and approved by the Commission for ES rates  
13 effective August 1, 2022<sup>1</sup>. That same study is included as Attachment MBP-4 in this  
14 filing and utilizes the results of the study to calculate cash working capital requirements  
15 for ES rates effective February 1, 2023.

16 **Q. Has the Company calculated the customer bill impacts for the proposed February 1,**  
17 **2023 Small Customer ES rate change?**

---

<sup>1</sup> Order No. 26,645 (June 23, 2022)

1 A. Yes. The Small Customer rate impacts are provided in Attachment MBP-5.

- 2 • Page 1 provides a comparison of residential rates proposed for effect February 1,  
3 2023 to current rates effective November 1, 2022 for a 550 kWh monthly bill, a  
4 600 kWh monthly bill, and a 650 kWh monthly bill.
- 5 • Page 2 provides a comparison of residential rates proposed for effect February 1,  
6 2023 to rates effective February 1, 2022 for a 550 kWh monthly bill, a 600 kWh  
7 monthly bill, and a 650 kWh monthly bill.
- 8 • Page 3 provides the average impact of each change on bills for all rate classes by  
9 rate component and on a total bill basis, including energy service. As previously  
10 described, the Large Customer class rate for the six-month period beginning  
11 February 1, 2023 will not be proposed at this time. Therefore, the GV rate and  
12 the LG rate will be presented to the Commission for review and approval shortly  
13 after the completion of the Company's anticipated second RFP.

14 The rate impacts provided in Attachment MBP-5 incorporate changes in the Distribution  
15 rate reflecting the rates approved in Docket No. DE 22-030, the SBC rate change, and the  
16 ES rate change proposed in this filing.

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

18 A. Yes, updated tariff pages have been provided as Attachment MBP-6.

1   **Q.   Does Eversource require Commission approval of this Small Customer ES rate by a**  
2       **specific date?**

3   A.   Yes, in order to lock in the RFP results and execute contracts with the proposed bid  
4       selections, Eversource is seeking final approval of the proposed Small Customer ES rate  
5       by December 15, 2022.

6   **Q.   In accordance with Order 26,645, issued by the Commission on June 23, 2022,**  
7       **please provide an update regarding the Company's customer outreach and**  
8       **education efforts with respect to the energy service rates approved therein, along**  
9       **with a review of the costs associated with such efforts.**

10  A.   Customer Outreach – provided in the table below is a breakdown of the New Hampshire  
11       customer outreach efforts that began following the June 23<sup>rd</sup> approval of the energy  
12       service rates effective August 1<sup>st</sup>.



**August 1, 2022**

**NH Energy Supply Rate Communications & Outreach  
Components and Timeline**

Audience	Channel	Timing
Hardship Residential Customers	<ul style="list-style-type: none"> <li>Webinar</li> </ul>	<ul style="list-style-type: none"> <li>July 26</li> </ul>
Residential Customers	<ul style="list-style-type: none"> <li>Eversource.com</li> <li>Digital Customer Update email</li> <li>News for You bill message</li> <li>Bill Insert</li> <li>Social media</li> </ul>	<ul style="list-style-type: none"> <li>Late July</li> <li>Weeks of Aug. 1 and Sept. 1</li> <li>Aug. 1-31</li> <li>Aug. 1-31</li> <li>Ongoing</li> </ul>
General public	<ul style="list-style-type: none"> <li>Paid digital advertising</li> </ul>	<ul style="list-style-type: none"> <li>July and Aug.</li> </ul>
Elected and Municipal officials	<ul style="list-style-type: none"> <li>Email</li> </ul>	<ul style="list-style-type: none"> <li>Week of Aug 1.</li> </ul>
Community Action Programs, Social agencies	<ul style="list-style-type: none"> <li>Email and fact sheet</li> <li>Webinar</li> </ul>	<ul style="list-style-type: none"> <li>Week of July 18</li> <li>July</li> </ul>
Regulators	<ul style="list-style-type: none"> <li>Email</li> </ul>	<ul style="list-style-type: none"> <li>Week of Aug. 1</li> </ul>
All employees	<ul style="list-style-type: none"> <li>Employee newsletter – Today</li> </ul>	<ul style="list-style-type: none"> <li>Week of Aug. 1</li> </ul>
Customer Service Representatives	<ul style="list-style-type: none"> <li>Talking Points</li> </ul>	<ul style="list-style-type: none"> <li>Updates ongoing</li> </ul>
Field Employees	<ul style="list-style-type: none"> <li>Talking Points</li> </ul>	<ul style="list-style-type: none"> <li>Week of July 25</li> </ul>
Commercial & Industrial Customers	<ul style="list-style-type: none"> <li>Account Executive outreach and coordination with NHBEA</li> <li>Webinar</li> </ul>	<ul style="list-style-type: none"> <li>Week of July 25</li> <li>Week of July 18</li> </ul>

Eversource held a live and virtual Hardship Residential Customer Webinar on July 26<sup>th</sup> that had over 600 participants. The webinar video was also recorded and made available via a link on Eversource.com. The Webinar provided hardship customers with information on options related to payment assistance, programs and payment plans.

General educational outreach regarding energy price increases and available programs that was distributed to residential customers included emails, bill inserts, on-bill

1       messaging, outside of the envelope messaging, social media, a Company-sponsored  
2       advertising campaign, and a banner on the Eversource.com homepage with links to more  
3       information. Large commercial customers were contacted individually by the  
4       Company's account executives to educate them on the energy price increases.

5  
6       The incremental costs associated with the education and outreach efforts described above  
7       totaled \$474,284.

8  
9       **Q.     Does this conclude your testimony?**

10      **A.     Yes, it does.**

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY  
ENERGY SERVICE RATE SETTING FEBRUARY 1, 2023 THROUGH JULY 31, 2023  
SMALL CUSTOMERS (RATES R, G AND OL)**

Line	Small Customers (Rate R, G, & OL) Weighted Average Energy Service Rate Calculation	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	6 Month Total	Attachment/Reference
1	Forecasted Small Customer Wholesale Energy Service Load (MWhs)	326,546	317,492	275,141	275,133	318,248	384,939	1,897,499	Attachment LJI-2 Page 1
2	Loss Factor								Company Records
3	Forecasted Small Customer Retail Energy Service Load (MWhs)								Line 1 / Line 2
4	Wholesale Contract Price (\$/MWh)								Attachment LJI-2 Page 1
5	Base Small Customer Energy Service Rate (\$/kWh)	\$ 0.40212	\$ 0.23098	\$ 0.15051	\$ 0.11843	\$ 0.11350	\$ 0.15007		Line 2 x Line 4
6	Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$ (0.00187)	\$ (0.00187)	\$ (0.00187)	\$ (0.00187)	\$ (0.00187)	\$ (0.00187)		Attachment MBP-2 Page 1 Line 15 (June 16, 2022)
7	Renewable Portfolio Standard Adjustment Factor (\$/kWh)	\$ 0.00811	\$ 0.00811	\$ 0.00811	\$ 0.00811	\$ 0.00811	\$ 0.00811		Attachment LJI-3 page 1
8	Renewable Portfolio Standard Reconciliation Adjustment Factor (\$/kWh)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)		Attachment MBP-2 Page 4 Line 15 (June 16, 2022)
9	A&G Adjustment Factor (\$/kWh)	\$ 0.00063	\$ 0.00063	\$ 0.00063	\$ 0.00063	\$ 0.00063	\$ 0.00063		Attachment MBP-1 Page 3 Line 8
10	Small Customer Working Capital Adjustment Factor (\$/kWh)	\$ (0.00017)	\$ (0.00017)	\$ (0.00017)	\$ (0.00017)	\$ (0.00017)	\$ (0.00017)		Attachment MBP-1 Page 4 Line 7 + Line 19
11	Total Small Customer Monthly Calculated Energy Service Rate (\$/kWh)	\$ 0.40800	\$ 0.23686	\$ 0.15639	\$ 0.12431	\$ 0.11938	\$ 0.15595		Sum of Line 5 to Line 10
12	Forecasted Small Customer Total Energy Service Cost, including Working Capital Requirement								Line 3 x Line 11
13	Weighted Average Small Customer Energy Service Rate for the Period February 1, 2023 through July 31, 2023 (\$/kWh)								Line 12 / Line 3

This page does not have complete current calculations as the Company is not proposing the Large Customer class rate at this time.

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

Line	Large C&I (Rate LG & GV) Monthly Energy Service Rate Calculation	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	6 Month Total	Attachment/Reference
1	Forecasted Large C&I Wholesale Energy Service Load (MWhs)	20,488	19,920	17,263	17,262	19,967	24,152	119,052	Attachment LJL-2 Page 1
2	Loss Factor								Company Records
3	Forecasted Large C&I Retail Energy Service Load (MWhs)								Line 1 / Line 2
4	Wholesale Contract Price (\$/MWh)								Attachment LJL-2 Page 1
5	Base Large C&I Energy Service Rate (\$/kWh)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	Line 2 x Line 4
6	Energy Service Reconciliation Adjustment Factor (\$/kWh)	\$ (0.00495)	\$ (0.00495)	\$ (0.00495)	\$ (0.00495)	\$ (0.00495)	\$ (0.00495)	(0.00495)	Attachment MBP-2 Page 2 Line 15 (June 16, 2022)
7	Renewable Portfolio Standard Adjustment Factor (\$/kWh)	\$ 0.00811	\$ 0.00811	\$ 0.00811	\$ 0.00811	\$ 0.00811	\$ 0.00811	0.00811	Attachment LJL-3 page 1
8	Renewable Portfolio Standard Reconciliation Adjustment Factor (\$/kWh)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)	\$ (0.00082)	(0.00082)	Attachment MBP-2 Page 4 Line 15 (June 16, 2022)
9	A&G Adjustment Factor (\$/kWh)	\$ 0.00063	\$ 0.00063	\$ 0.00063	\$ 0.00063	\$ 0.00063	\$ 0.00063	0.00063	Attachment MBP-1 Page 3 Line 8
10	Large Customer Working Capital Adjustment Factor (\$/kWh)	\$ (0.00020)	\$ (0.00020)	\$ (0.00020)	\$ (0.00020)	\$ (0.00020)	\$ (0.00020)	(0.00020)	Attachment MBP-1 Page 4 Line 14 + Line 19
11	Total Large C&I Monthly Energy Service Rates (\$/kWh)	\$ 0.00277	\$ 0.00277	\$ 0.00277	\$ 0.00277	\$ 0.00277	\$ 0.00277	0.00277	Sum of Line 5 to Line 10

Docket No. DE 22-021  
Dated: December 8, 2022  
Attachment MBP-1  
Page 3 of 4

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA EVERSOURCE ENERGY**  
**FORECASTED ADMINSTRATIVE AND GENERAL EXPENSES**  
**ENERGY SERVICE RATE SETTING FEBRUARY 1, 2023 THROUGH JULY 31, 2023**  
**(\$ in 000's)**

Line	Description	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	6 Month Total	Attachment/Reference
1	Internal Company Administrative	\$ 24	\$ 24	\$ 24	\$ 24	\$ 24	\$ 24	\$ 142	Company Forecast
2	Bad Debt Expense	296	293	262	260	298	313	1,723	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	\$ 206	\$ 203	\$ 172	\$ 169	\$ 208	\$ 222	\$ 1,181	Sum of Line 1 to Line 5
7	Forecasted Energy Service Sales February 2023 through July 2023							1,873,244	MBP-1 Page 1 Line 3 + MBP-1 Page 2 Line 3
8	<b>A&amp;G Adjustment Factor (\$/kWh)</b>							<b>\$ 0.00063</b>	Line 6 / Line 7

This page does not have complete current calculations as the Company is not proposing the Large Customer class rate at this time.

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

Line	Description	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	6 Month Total	Attachment/Reference
1	Forecasted Small Purchased Power Expense							\$ 345,702	MBP-1 Page 1 (Line 1 * Line 4)
2	Small Purchase Power Working Capital Percent	2.89%	2.61%	2.70%	2.61%	2.70%	2.61%		MBP-4 Page 1 Line 9
3	Forecasted Small Purchased Power Working Capital Requirement							\$ 9,431	Line 1 x Line 2
4	Rate of Return (Prime Rate)	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%		Prime Rate / 12
5	Forecasted Return on Working Capital							\$ 55	Line 3 x Line 4
6	Forecasted Energy Service Sales February 2023 through July 2023								MBP-1 Page 1 Line 3 Total
7	<b>Small Customer Working Capital Adjustment Factor (\$/kWh)</b>							<b>\$ 0.00003</b>	Line 5 / Line 6
8	Forecasted Large Purchased Power Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	MBP-1 Page 2 (Line 1 * Line 4)
9	Large Purchase Power Working Capital Percent	86.71%	78.32%	80.93%	78.32%	80.93%	78.32%		MBP-4 Page 1 Line 10
10	Forecasted Large Purchased Power Working Capital Requirement							\$ -	Line 8 x Line 9
11	Rate of Return (Prime Rate)	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%		Prime Rate / 12
12	Forecasted Return on Working Capital							\$ -	Line 10 x Line 11
13	Forecasted Energy Service Sales February 2023 through July 2023								MBP-1 Page 2 Line 3
14	<b>Large Customer Working Capital Adjustment Factor (\$/kWh)</b>							<b>\$ -</b>	Line 12 / Line 13
15	Forecasted RPS Working Capital Balance	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (63,584)	MBP-4 Page 1 Line 14
16	Rate of Return (Prime Rate)	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%		Prime Rate / 12
17	Forecasted Return on Working Capital	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (371)	Line 15 x Line 16
18	Forecasted Energy Service Sales February 2023 through July 2023							1,873,244	Line 6 + Line 13
19	<b>RPS Working Capital Adjustment Factor (\$/kWh)</b>							<b>\$ (0.00020)</b>	Line 17 / Line 18

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

Line	Description	Balance * Jul-22	Actual Aug-22	Actual Sep-22	Actual Oct-22	Estimate Nov-22	Estimate Dec-22	Estimate Jan-23	Estimate Feb-23	Estimate Mar-23	Estimate Apr-23	Estimate May-23	Estimate Jun-23	Estimate Jul-23	12 Month Total	Attachment/Reference
1	Energy Service Revenues		\$ 71,996	\$ 66,360	\$ 47,322	\$ 60,501	\$ 73,536	\$ 73,451	\$ 59,067	\$ 57,429	\$ 49,768	\$ 49,767	\$ 57,566	\$ 69,629	\$ 736,393	Company Actuals/Forecast
2	A&G Expense		199	(72)	250	139	182	228	193	191	162	159	196	209	2,037	MBP-2, Page 3, Line 9
3	Purchased Power Energy Expense		57,062	32,173	30,653	51,588	98,630	115,324	121,856	68,054	38,429	30,237	33,519	53,608	731,132	Company Actuals/Forecast
4	Return on Purchased Power Working Capital Requirement		7	4	4	8	15	18	21	10	6	5	5	8	111	MBP-4, Page 1, Line 17
5	Total Energy Service Expense		\$ 57,268	\$ 32,105	\$ 30,908	\$ 51,735	\$ 98,826	\$ 115,570	\$ 122,070	\$ 68,255	\$ 38,596	\$ 30,401	\$ 33,720	\$ 53,825	\$ 733,279	Line 2 + Line 3 + Line 4
6	Monthly (Over)/Under Recovery		(14,728)	(34,255)	(16,415)	(8,766)	25,290	42,120	63,003	10,826	(11,172)	(19,366)	(23,846)	(15,804)		Line 5 - Line 1
7	Beginning Monthly Balance		\$ (10,957)	\$ (25,685)	\$ (59,940)	\$ (76,354)	\$ (85,121)	\$ (59,831)	\$ (17,711)	\$ 45,292	\$ 56,118	\$ 44,946	\$ 25,580	\$ 1,734		Prior Month Line 8
8	Ending Monthly Balance	\$ (10,957)	(25,685)	(59,940)	(76,354)	(85,121)	(59,831)	(17,711)	45,292	56,118	44,946	25,580	1,734	(14,070)	(14,070)	Line 6 + Line 7
9	Average Monthly Balance		\$ (18,321)	\$ (42,812)	\$ (68,147)	\$ (80,738)	\$ (72,476)	\$ (38,771)	\$ 13,790	\$ 50,705	\$ 50,532	\$ 35,263	\$ 13,657	\$ (6,168)		(Line 7 + Line 8) / 2
10	Carrying Charge Rate (Prime Rate)		0.4583%	0.4775%	0.5208%	0.5792%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%		Prime Rate / 12
11	Monthly Carrying Charge	(553)	\$ (84)	\$ (204)	\$ (355)	\$ (468)	\$ (423)	\$ (226)	\$ 80	\$ 296	\$ 295	\$ 206	\$ 80	\$ (36)	\$ (1,392)	Line 9 x Line 10
12	Retail MWH Sales		387,650	245,542	216,596	276,921	336,583	336,191	303,031	294,629	255,328	255,321	295,330	357,219		Company Actuals/Forecast
13	(Over)/Under Recovery plus Carrying Charge	\$ (11,509)													\$ (15,462)	Line 8 + Line 11
14	* Attachment MBP-3, Page 1															

This page does not have complete current calculations as the Company is not proposing the Large Customer class rate at this time.

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

Line	Description	Balance * Jul-22	Actual Aug-22	Actual Sep-22	Actual Oct-22	Estimate Nov-22	Estimate Dec-22	Estimate Jan-23	Estimate Feb-23	Estimate Mar-23	Estimate Apr-23	Estimate May-23	Estimate Jun-23	Estimate Jul-23	12 Month Total	Attachment/Reference
1	Energy Service Revenues		\$ 3,951	\$ 3,984	\$ 2,928	\$ 3,864	\$ 8,105	\$ 9,406	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,239	Company Actuals/Forecast
2	A&G Expense		10	(5)	19	8	11	13	12	12	10	10	12	13	128	MBP-2, Page 3, Line 10
3	Purchased Power Expense		4,502	3,804	3,428	3,924	8,178	9,479	-	-	-	-	-	-	33,315	Company Actuals/Forecast
4	Return on Purchased Power Working Capital Requirement		16	15	14	18	37	43	-	-	-	-	-	-	144	MBP-4, Page 1, Line 18
5	Total Energy Service Expense		\$ 4,529	\$ 3,814	\$ 3,461	\$ 3,951	\$ 8,226	\$ 9,536	\$ 12	\$ 12	\$ 10	\$ 10	\$ 12	\$ 13	\$ 33,587	Line 2 + Line 3 + Line 4
6	Monthly (Over)/Under Recovery		578	(171)	533	87	121	129	12	12	10	10	12	13		Line 5 - Line 1
7	Beginning Monthly Balance		\$ (1,060)	\$ (482)	\$ (653)	\$ (120)	\$ (33)	\$ 88	\$ 217	\$ 230	\$ 242	\$ 252	\$ 262	\$ 275		Prior Month Line 8
8	Ending Monthly Balance	\$ (1,060)	(482)	(653)	(120)	(33)	88	217	230	242	252	262	275	288	288	Line 6 + Line 7
9	Average Monthly Balance		\$ (771)	\$ (568)	\$ (386)	\$ (76)	\$ 27	\$ 153	\$ 223	\$ 236	\$ 247	\$ 257	\$ 268	\$ 281		(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>0.5833%</u>	<u>0.5833%</u>	<u>0.5833%</u>	<u>0.5833%</u>	<u>0.5833%</u>	<u>0.5833%</u>	<u>0.5833%</u>	<u>0.5833%</u>		Prime Rate / 12
11	Monthly Carrying Charge	(46)	\$ (4)	\$ (3)	\$ (2)	\$ (0)	\$ 0	\$ 1	\$ 1	\$ 1	\$ 1	\$ 2	\$ 2	\$ 2	\$ (44)	Line 9 x Line 10
12	Retail MWH Sales		20,444	15,789	16,642	16,198	19,688	19,665	19,341	18,805	16,296	16,296	18,850	22,800		Company Actuals/Forecast
13	(Over)/Under Recovery plus Carrying Charge	\$ (1,106)													\$ 244	Line 8 + Line 11
14	* Attachment MBP-3, Page 2															



PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE DBA 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	Estimate Nov-22	Estimate Dec-22	Estimate Jan-23	Estimate Feb-23	Estimate Mar-23	Estimate Apr-23	Estimate May-23	Estimate Jun-23	Estimate Jul-23	12 Month Total	Attachment/Reference
1	Internal Company Administrative	\$ 15	\$ 16	\$ 36	\$ 24	\$ 24	\$ 24	\$ 24	\$ 24	\$ 24	\$ 24	\$ 24	\$ 24	\$ 279	Company Actuals/Forecast
2	Bad Debt Expense	309	21	348	238	283	332	296	293	262	260	298	313	3,254	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	\$ 209	(76)	270	148	192	242	\$ 206	203	172	169	208	222	2,165	Sum of Line 1 to Line 5
7	Small Customer Retail MWH Sales Ratio*	94.99%	93.96%	92.86%	94.47%	94.47%	94.47%	94.00%	94.00%	94.00%	94.00%	94.00%	94.00%		Company Actuals/Forecast
8	Large Customer Retail MWH Sales Ratio**	5.01%	6.04%	7.14%	5.53%	5.53%	5.53%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%		Company Actuals/Forecast
9	Small Customer A&G Expenses	\$ 199	\$ (72)	\$ 250	\$ 139	\$ 182	\$ 228	\$ 193	\$ 191	\$ 162	\$ 159	\$ 196	\$ 209	\$ 2,037	Line 6 x Line 7
10	Large Customer A&G Expenses	10	(5)	19	8	11	13	12	12	10	10	12	13	128	Line 6 x Line 8
11	Total A&G Expenses	209	(76)	270	148	192	242	206	203	172	169	208	222	2,165	Line 9 + Line 10

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

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

Line	Description	Balance * Jul-22	Actual Aug-22	Actual Sep-22	Actual Oct-22	Estimate Nov-22	Estimate Dec-22	Estimate Jan-23	Estimate Feb-23	Estimate Mar-23	Estimate Apr-23	Estimate May-23	Estimate Jun-23	Estimate Jul-23	12 Month Total	Attachment/Reference
1	RPS Revenues		\$ 2,930	\$ 1,876	\$ 1,675	\$ 2,105	\$ 2,558	\$ 2,555	\$ 2,350	\$ 2,285	\$ 1,980	\$ 1,980	\$ 2,290	\$ 2,770	\$ 27,355	Company Actuals/Forecast
2	RPS Expense - Current Month Estimate		3,308	2,585	1,904	2,332	2,834	2,907	2,614	2,542	2,203	2,203	2,548	3,082	31,060	Company Actuals/Forecast
3	RPS Expense - Adjustment		-	-	-	-	-	-	-	-	-	-	-	-	-	Company Actuals/Forecast
4	RPS Expense - Prior Year True-Up (2022)		-	-	-	-	-	-	-	-	-	-	-	-	-	Company Actuals/Forecast
5	RPS Expense - Total		3,308	2,585	1,904	2,332	2,834	2,907	2,614	2,542	2,203	2,203	2,548	3,082	31,060	Line 2 + Line 3 + Line 4
6	Return on RPS Working Capital Requirement		(49)	(51)	(55)	(61)	(62)	(62)	(62)	(62)	(62)	(62)	(62)	(62)	(710)	MBP-4, Page 1, Line 19
7	Monthly (Over)/Under Recovery		330	658	174	166	214	290	202	195	161	161	195	249		Line 5 + Line 6 - Line 1
8	Beginning Monthly Balance		\$ (12,041)	\$ (11,711)	\$ (11,053)	\$ (10,879)	\$ (10,714)	\$ (10,500)	\$ (10,209)	\$ (10,007)	\$ (9,812)	\$ (9,651)	\$ (9,491)	\$ (9,295)		Prior Month Line 9
9	Ending Monthly Balance	\$ (12,041)	(11,711)	(11,053)	(10,879)	(10,714)	(10,500)	(10,209)	(10,007)	(9,812)	(9,651)	(9,491)	(9,295)	(9,046)	(9,046)	Line 7 + Line 8
10	Average Monthly Balance		\$ (11,876)	\$ (11,382)	\$ (10,966)	\$ (10,796)	\$ (10,607)	\$ (10,354)	\$ (10,108)	\$ (9,909)	\$ (9,732)	\$ (9,571)	\$ (9,393)	\$ (9,171)		(Line 8 + Line 9) / 2
11	Carrying Charge Rate (Prime Rate)		0.45833%	0.4775%	0.5208%	0.5792%	0.58333%	0.58333%	0.58333%	0.58333%	0.58333%	0.58333%	0.58333%	0.58333%	0.58333%	Prime Rate / 12
12	Monthly Carrying Charge	\$ (590)	\$ (54)	\$ (54)	\$ (57)	\$ (63)	\$ (62)	\$ (60)	\$ (59)	\$ (58)	\$ (57)	\$ (56)	\$ (55)	\$ (53)	\$ (1,278)	Line 10 x Line 11
13	(Over)/Under Recovery plus Carrying Charge	\$ (12,631)													\$ (10,324)	Line 9 + Line 12
14	* Attachment MBP-3, Page 4															

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

Line	Description	Balance * Jul-21	Actual Aug-21	Actual Sep-21	Actual Oct-21	Actual Nov-21	Actual Dec-21	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Actual Jun-22	Actual Jul-22	12 Month Total	Attachment/Reference
1	Energy Service Revenues		\$ 26,646	\$ 25,443	\$ 19,605	\$ 21,118	\$ 28,109	\$ 30,725	\$ 30,338	\$ 32,283	\$ 24,899	\$ 26,411	\$ 28,162	\$ 37,440	\$ 331,179	Company Actuals
2	A&G Expense		197	185	187	162	195	377	228	(140)	176	(206)	210	(126)	1,444	MBP-3, Page 3, Line 9
3	Purchased Power Energy Expense		22,521	17,131	15,615	19,607	30,021	46,002	54,757	36,507	21,662	20,323	20,501	28,586	333,233	Company Actuals
4	Return on Purchased Power Working Capital Requirement		8	6	5	7	10	16	21	13	8	8	10	15	128	Company Actuals
5	Total Energy Service Expense		\$ 22,727	\$ 17,322	\$ 15,807	\$ 19,776	\$ 30,226	\$ 46,395	\$ 55,006	\$ 36,380	\$ 21,846	\$ 20,125	\$ 20,722	\$ 28,474	\$ 334,805	Line 2 + Line 3 + Line 4
6	Monthly (Over)/Under Recovery		(3,919)	(8,122)	(3,797)	(1,342)	2,117	15,669	24,668	4,097	(3,053)	(6,287)	(7,440)	(8,965)		Line 5 - Line 1
7	Beginning Monthly Balance		\$ (14,583)	\$ (18,502)	\$ (26,624)	\$ (30,421)	\$ (31,763)	\$ (29,646)	\$ (13,977)	\$ 10,692	\$ 14,788	\$ 11,736	\$ 5,449	\$ (1,991)		Prior Month Line 8
8	Ending Monthly Balance	\$ (14,583)	(18,502)	(26,624)	(30,421)	(31,763)	(29,646)	(13,977)	10,692	14,788	11,736	5,449	(1,991)	(10,957)	(10,957)	Line 6 + Line 7
9	Average Monthly Balance		\$ (16,543)	\$ (22,563)	\$ (28,523)	\$ (31,092)	\$ (30,705)	\$ (21,812)	\$ (1,643)	\$ 12,740	\$ 13,262	\$ 8,592	\$ 1,729	\$ (6,474)		(Line 7 + Line 8) / 2
10	Carrying Charge Rate (Prime Rate)		<u>0.2708%</u>	<u>0.2708%</u>	<u>0.2708%</u>	<u>0.2708%</u>	<u>0.2708%</u>	<u>0.2708%</u>	<u>0.2708%</u>	<u>0.2808%</u>	<u>0.2917%</u>	<u>0.3283%</u>	<u>0.3650%</u>	<u>0.4042%</u>		Prime Rate / 12
11	Monthly Carrying Charge	(221)	\$ (45)	\$ (61)	\$ (77)	\$ (84)	\$ (83)	\$ (59)	\$ (4)	\$ 36	\$ 39	\$ 28	\$ 6	\$ (26)	\$ (553)	Line 9 x Line 10
12	Retail MWH Sales		359,052	283,165	241,580	261,567	347,989	379,965	324,841	305,946	251,487	266,852	284,401	378,148		Company Actuals
13	(Over)/Under Recovery plus Carrying Charge	\$ (14,804)													\$ (11,509)	Line 8 + Line 11
14	* Docket No. DE 21-077 12-09-2021 filing, ELM-2, Page 1, Lines 8 and 13															

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

Line	Description	Balance * Jul-21	Actual Aug-21	Actual Sep-21	Actual Oct-21	Actual Nov-21	Actual Dec-21	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Actual Jun-22	Actual Jul-22	12 Month Total	Attachment/Reference
1	Energy Service Revenues		\$ 1,300	\$ 1,029	\$ 1,154	\$ 1,096	\$ 1,744	\$ 2,927	\$ 3,386	\$ 2,686	\$ 1,212	\$ 1,063	\$ 1,404	\$ 1,728	\$ 20,729	Company Actuals
2	A&G Expense		11	10	15	10	11	24	12	(7)	12	(13)	15	(7)	94	MBP-3, Page 3, Line 10
3	Purchased Power Expense		1,428	1,124	1,098	1,076	1,538	2,703	3,753	2,372	1,332	952	1,218	1,870	20,465	Company Actuals
4	Return on Purchased Power Working Capital Requirement		3	2	2	2	3	5	8	5	3	2	3	6	46	Company Actuals
5	Total Energy Service Expense		\$ 1,442	\$ 1,136	\$ 1,115	\$ 1,089	\$ 1,552	\$ 2,733	\$ 3,773	\$ 2,369	\$ 1,347	\$ 942	\$ 1,236	\$ 1,869	\$ 20,605	Line 2 + Line 3 + Line 4
6	Monthly (Over)/Under Recovery		142	108	(39)	(7)	(191)	(194)	387	(316)	135	(121)	(168)	141		Line 5 - Line 1
7	Beginning Monthly Balance		\$ (936)	\$ (794)	\$ (687)	\$ (726)	\$ (733)	\$ (924)	\$ (1,118)	\$ (731)	\$ (1,047)	\$ (912)	\$ (1,033)	\$ (1,201)		Prior Month Line 8
8	Ending Monthly Balance	\$	(936)	(794)	(687)	(726)	(733)	(924)	(1,118)	(731)	(1,047)	(912)	(1,033)	(1,201)	(1,060)	Line 6 + Line 7
9	Average Monthly Balance		\$ (865)	\$ (740)	\$ (706)	\$ (729)	\$ (828)	\$ (1,021)	\$ (925)	\$ (889)	\$ (979)	\$ (973)	\$ (1,117)	\$ (1,130)		(Line 7 + Line 8) / 2
10	Carrying Charge Rate (Prime Rate)		<u>0.2708%</u>	<u>0.2708%</u>	<u>0.2708%</u>	<u>0.2708%</u>	<u>0.2708%</u>	<u>0.2708%</u>	<u>0.2708%</u>	<u>0.2808%</u>	<u>0.2917%</u>	<u>0.3283%</u>	<u>0.3650%</u>	<u>0.4042%</u>		Prime Rate / 12
11	Monthly Carrying Charge	(13)	\$ (2)	\$ (2)	\$ (2)	\$ (2)	\$ (2)	\$ (3)	\$ (3)	\$ (2)	\$ (3)	\$ (3)	\$ (4)	\$ (5)	\$ (46)	Line 9 x Line 10
12	Retail MWH Sales		19,701	15,688	19,778	16,126	19,439	24,701	16,388	15,576	17,081	16,458	20,166	19,858		Company Actuals
13	(Over)/Under Recovery plus Carrying Charge	\$	(948)												\$ (1,106)	Line 8 + Line 11
14	* Docket No. DE 21-077 12-09-2021 filing, ELM-2, Page 2, Lines 8 and 13															

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

Line	Description	Actual Aug-21	Actual Sep-21	Actual Oct-21	Actual Nov-21	Actual Dec-21	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Actual Jun-22	Actual Jul-22	12 Month Total	Attachment/Reference
1	Internal Company Administrative	\$ 21	\$ 11	\$ 34	\$ 22	\$ 32	\$ 19	\$ 21	\$ 21	\$ 31	\$ 15	\$ 36	\$ 18	\$ 283	Company Actuals
2	Bad Debt Expense	301	297	282	264	287	496	333	(54)	270	(120)	303	(37)	2,623	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	\$ 208	195	202	172	206	401	\$ 240	(147)	187	(219)	225	(133)	1,538	Sum of Line 1 to Line 5
7	Small Customer Retail MWH Sales Ratio*	94.80%	94.75%	92.43%	94.19%	94.71%	93.90%	95.20%	95.16%	93.64%	94.19%	93.38%	95.01%		Company Actuals
8	Large Customer Retail MWH Sales Ratio**	5.20%	5.25%	7.57%	5.81%	5.29%	6.10%	4.80%	4.84%	6.36%	5.81%	6.62%	4.99%		Company Actuals
9	Small Customer A&G Expenses	\$ 197	\$ 185	\$ 187	\$ 162	\$ 195	\$ 377	\$ 228	\$ (140)	\$ 176	\$ (206)	\$ 210	\$ (126)	\$ 1,444	Line 6 x Line 7
10	Large Customer A&G Expenses	11	10	15	10	11	24	12	(7)	12	(13)	15	(7)	94	Line 6 x Line 8
11	Total A&G Expenses	208	195	202	172	206	401	240	(147)	187	(219)	225	(133)	1,538	Line 9 + Line 10

12 \* MBP-3, Page 1, Line 12 divided by the sum of MBP-3, Page 1, Line 12 plus MBP-3, Page 2, Line 12.

13 \*\* MBP-3, Page 2, Line 12 divided by the sum of MBP-3, Page 1, Line 12 plus MBP-3, Page 2, Line 12.

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

Line	Description	Balance * Jul-21	Actual Aug-21	Actual Sep-21	Actual Oct-21	Actual Nov-21	Actual Dec-21	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Actual Jun-22	Actual Jul-22	12 Month Total	Attachment/Reference
1	RPS Revenues		\$ 2,818	\$ 2,223	\$ 1,945	\$ 2,066	\$ 2,734	\$ 3,011	\$ 2,621	\$ 2,469	\$ 2,063	\$ 2,176	\$ 2,339	\$ 3,057	\$ 29,520	Company Actuals
2	RPS Expense - Current Month Estimate		2,630	2,719	2,003	2,040	2,553	2,983	2,994	2,608	2,356	2,222	2,362	2,761	30,230	Company Actuals
3	RPS Expense - Adjustment		-	-	-	-	-	-	-	-	-	-	-	-	-	Company Actuals
4	RPS Expense - Prior Year True-Up (2021)		-	-	-	-	-	-	-	-	-	-	(9,099)	-	(9,099)	Company Actuals
5	RPS Expense - Total		2,630	2,719	2,003	2,040	2,553	2,983	2,994	2,608	2,356	2,222	(6,738)	2,761	21,131	Line 2 + Line 3 +Line 4
6	Return on RPS Working Capital Requirement		(16)	(16)	(16)	(16)	(16)	(16)	(16)	(16)	(17)	(19)	(21)	(23)	(207)	Company Actuals
7	Monthly (Over)/Under Recovery		(204)	479	42	(42)	(196)	(43)	358	122	277	27	(9,098)	(319)		Line 5 + Line 6 - Line 1
8	Beginning Monthly Balance		\$ (3,445)	\$ (3,649)	\$ (3,169)	\$ (3,127)	\$ (3,169)	\$ (3,365)	\$ (3,408)	\$ (3,050)	\$ (2,928)	\$ (2,651)	\$ (2,624)	\$ (11,722)		Prior Month Line 9
9	Ending Monthly Balance	\$ (3,445)	(3,649)	(3,169)	(3,127)	(3,169)	(3,365)	(3,408)	(3,050)	(2,928)	(2,651)	(2,624)	(11,722)	(12,041)	(12,041)	Line 7 + Line 8
10	Average Monthly Balance		\$ (3,547)	\$ (3,409)	\$ (3,148)	\$ (3,148)	\$ (3,267)	\$ (3,387)	\$ (3,229)	\$ (2,989)	\$ (2,790)	\$ (2,637)	\$ (7,173)	\$ (11,881)		(Line 8 + Line 9) / 2
11	Carrying Charge Rate (Prime Rate)		0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2708%	0.2808%	0.2917%	0.3283%	0.3650%	0.4042%		Prime Rate / 12
12	Monthly Carrying Charge	\$ (428)	\$ (10)	\$ (9)	\$ (9)	\$ (9)	\$ (9)	\$ (9)	\$ (9)	\$ (8)	\$ (8)	\$ (9)	\$ (26)	\$ (48)	\$ (590)	Line 10 x Line 11
13	(Over)/Under Recovery plus Carrying Charge	\$ (3,872)													\$ (12,631)	Line 9 + Line 12
14	* Docket No. DE 22-021 June 16, 2022, Attachment MBP-2, page 4															

This page does not have complete current calculations as the Company is not proposing the Large Customer class rate at this time.

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

Line	Energy Service Cost	Actual Aug-22	Actual Sep-22	Actual Oct-22	Estimate Nov-22	Estimate Dec-22	Estimate Jan-23	Estimate Feb-23	Estimate Mar-23	Estimate Apr-23	Estimate May-23	Estimate Jun-23	Estimate Jul-23	12 Month Total	Reference/Source
1	Days in Month	31	30	31	30	31	31	28	31	30	31	30	31	365	Calendar Days
2	Monthly Expense														
3	Purchased Power - Small	\$ 57,062	\$ 32,173	\$ 30,653										\$ 119,888	Attachment MBP-2, page 1
4	Purchase Power - Large	\$ 4,502	\$ 3,804	\$ 3,428										\$ 11,734	Attachment MBP-2, page 2
5	Lead Days														
6	Purchased Power - Small	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8		Based on Lead/Lag Study per Order No. 26,645 (June 23, 2022)
7	Purchase Power - Large	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3		Based on Lead/Lag Study per Order No. 26,645 (June 23, 2022)
8	Monthly Working Capital Percentage														
9	Purchased Power - Small	2.6%	2.7%	2.6%	2.7%	2.6%	2.6%	2.9%	2.6%	2.7%	2.6%	2.7%	2.6%		Line 6 / Line 1
10	Purchase Power - Large	78.3%	80.9%	78.3%	80.9%	78.3%	78.3%	86.7%	78.3%	80.9%	78.3%	80.9%	78.3%		Line 7 / Line 1
11	Monthly Working Capital Balance														
12	Purchased Power - Small	\$ 1,490	\$ 868	\$ 800											Line 3 x Line 9
13	Purchase Power - Large	\$ 3,526	\$ 3,078	\$ 2,685											Line 4 x Line 10
14	RPS Annual Working Capital Balance	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)	\$ (10,597)		Based on Lead/Lag Study per Order No. 26,645 (June 23, 2022)
15	Carrying Charge Rate (Prime Rate)	0.4583%	0.4775%	0.5208%	0.5792%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%	0.5833%		Prime Rate / 12
16	Carrying Costs on Working Capital Allowance														
17	Purchased Power - Small	\$ 7	\$ 4	\$ 4	\$ 8	\$ 15	\$ 18	\$ 21	\$ 10	\$ 6	\$ 5	\$ 5	\$ 8	\$ 111	Line 12 x Line 15
18	Purchase Power - Large	\$ 16	\$ 15	\$ 14	\$ 18	\$ 37	\$ 43	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 144	Line 13 x Line 15
19	RPS Expense	\$ (49)	\$ (51)	\$ (55)	\$ (61)	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (62)	\$ (710)	Line 14 x Line 15

**Comparison of Rates Effective November 1, 2022 and Proposed Rates for Effect February 1, 2023  
for Residential Service Rate R**

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Effective Date	Charge	Distribution Charge	Regulatory Reconciliation Adjustment	Transmission Charge	Stranded Cost Recovery Charge	System Benefits Charge	Electricity Consumption Tax	Energy Service Charge	Total Rate
November 1, 2022	Customer charge (per month)	\$ 13.81							\$ 13.81
	Charge per kWh	\$ 0.05410	\$ 0.00046	\$ 0.02360	\$ 0.00273	\$ 0.00863	\$ -	\$ 0.22566	\$ 0.31518
February 1, 2023 (Proposed)	Customer charge (per month)	\$ 13.81							\$ 13.81
	Charge per kWh	\$ 0.05410	\$ 0.00046	\$ 0.02360	\$ 0.00273	\$ 0.00905	\$ -	\$ 0.20221	\$ 0.29215

**Calculation of 550 kWh monthly bill, by rate component:**

	11/1/2022	2/1/2023	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 43.57	\$ 43.57	\$ -	0.0%	0.0%
Regulatory Reconciliation Adjustment	0.25	0.25	-	0.0%	0.0%
Transmission	12.98	12.98	-	0.0%	0.0%
Stranded Cost Recovery Charge	1.50	1.50	-	0.0%	0.0%
System Benefits Charge	4.75	4.98	0.23	4.8%	0.1%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 63.05	\$ 63.28	\$ 0.23	0.4%	0.1%
Energy Service	124.11	111.22	(12.89)	-10.4%	-6.9%
Total	\$ 187.16	\$ 174.50	\$ (12.66)	-6.8%	-6.8%

**Calculation of 600 kWh monthly bill, by rate component:**

	11/1/2022	2/1/2023	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 46.27	\$ 46.27	\$ -	0.0%	0.0%
Regulatory Reconciliation Adjustment	0.28	0.28	-	0.0%	0.0%
Transmission	14.16	14.16	-	0.0%	0.0%
Stranded Cost Recovery Charge	1.64	1.64	-	0.0%	0.0%
System Benefits Charge	5.18	5.43	0.25	4.8%	0.1%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 67.53	\$ 67.78	\$ 0.25	0.4%	0.1%
Energy Service	135.40	121.33	(14.07)	-10.4%	-6.9%
Total	\$ 202.93	\$ 189.11	\$ (13.82)	-6.8%	-6.8%

**Calculation of 650 kWh monthly bill, by rate component:**

	11/1/2022	2/1/2023	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 48.98	\$ 48.98	\$ -	0.0%	0.0%
Regulatory Reconciliation Adjustment	0.30	0.30	-	0.0%	0.0%
Transmission	15.34	15.34	-	0.0%	0.0%
Stranded Cost Recovery Charge	1.77	1.77	-	0.0%	0.0%
System Benefits Charge	5.61	5.88	0.27	4.8%	0.1%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 72.00	\$ 72.27	\$ 0.27	0.4%	0.1%
Energy Service	146.68	131.44	(15.24)	-10.4%	-7.0%
Total	\$ 218.68	\$ 203.71	\$ (14.97)	-6.8%	-6.8%



**Comparison of Rates Effective February 1, 2022 and Proposed Rates for Effect February 1, 2023  
for Residential Service Rate R**

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Effective Date	Charge	Distribution Charge	Regulatory Reconciliation Adjustment	Transmission Charge	Stranded Cost Recovery Charge	System Benefits Charge	Electricity Consumption Tax	Energy Service Charge	Total Rate
February 1, 2022	Customer charge (per month)	\$ 13.81							\$ 13.81
	Charge per kWh	\$ 0.05196	\$ (0.00032)	\$ 0.03046	\$ 0.00458	\$ 0.00588	\$ -	\$ 0.10669	\$ 0.19925
February 1, 2023 (Proposed)	Customer charge (per month)	\$ 13.81							\$ 13.81
	Charge per kWh	\$ 0.05410	\$ 0.00046	\$ 0.02360	\$ 0.00273	\$ 0.00905	\$ -	\$ 0.20221	\$ 0.29215

**Calculation of 550 kWh monthly bill, by rate component:**

	2/1/2022	2/1/2023	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 42.39	\$ 43.57	\$ 1.18	2.8%	1.0%
Regulatory Reconciliation Adjustment	(0.18)	0.25	0.43	-238.9%	0.3%
Transmission	16.75	12.98	(3.77)	-22.5%	-3.1%
Stranded Cost Recovery Charge	2.52	1.50	(1.02)	-40.5%	-0.8%
System Benefits Charge	3.23	4.98	1.75	54.2%	1.4%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 64.71	\$ 63.28	\$ (1.43)	-2.2%	-1.2%
Energy Service	58.68	111.22	52.54	89.5%	42.6%
Total	\$ 123.39	\$ 174.50	\$ 51.11	41.4%	41.4%

**Calculation of 600 kWh monthly bill, by rate component:**

	2/1/2022	2/1/2023	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 44.99	\$ 46.27	\$ 1.28	2.8%	1.0%
Regulatory Reconciliation Adjustment	(0.19)	0.28	0.47	-247.4%	0.4%
Transmission	18.28	14.16	(4.12)	-22.5%	-3.1%
Stranded Cost Recovery Charge	2.75	1.64	(1.11)	-40.4%	-0.8%
System Benefits Charge	3.53	5.43	1.90	53.8%	1.4%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 69.36	\$ 67.78	\$ (1.58)	-2.3%	-1.2%
Energy Service	64.01	121.33	57.32	89.5%	43.0%
Total	\$ 133.37	\$ 189.11	\$ 55.74	41.8%	41.8%

**Calculation of 650 kWh monthly bill, by rate component:**

	2/1/2022	2/1/2023	\$ Change	% Change in each Component	Change as a % of Total Bill
Distribution	\$ 47.58	\$ 48.98	\$ 1.40	2.9%	1.0%
Regulatory Reconciliation Adjustment	(0.21)	0.30	0.51	-242.9%	0.4%
Transmission	19.80	15.34	(4.46)	-22.5%	-3.1%
Stranded Cost Recovery Charge	2.98	1.77	(1.21)	-40.6%	-0.8%
System Benefits Charge	3.82	5.88	2.06	53.9%	1.4%
Electricity Consumption Tax	-	-	-	0.0%	0.0%
Delivery Service	\$ 73.97	\$ 72.27	\$ (1.70)	-2.3%	-1.2%
Energy Service	69.35	131.44	62.09	89.5%	43.3%
Total	\$ 143.32	\$ 203.71	\$ 60.39	42.1%	42.1%

The GV Rate (Lines 21 - 23) and LG Rate (Lines 25 - 27) do not have current rate changes as the Company is not proposing the Large Customer class rate change at this time.

## Rate Changes Proposed for Effect on February 1, 2023

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

Class	Distribution	Regulatory Reconciliation Adjustment	Transmission	SCRC	System Benefits	Consumption Tax	Total Energy Service	Total Delivery and Energy
Residential	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-7.0%	-6.8%
General Service	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-7.4%	-7.2%
Primary General Service	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
GV Rate B	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Total General Service	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Large General Service	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
LG Rate B	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Total Large General Service	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Outdoor Lighting Rate OL	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-4.5%	-4.5%
Energy Efficient Outdoor Lt. Rate EOL	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-5.3%	-5.2%
Total Outdoor Lighting	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-4.8%	-4.7%
Total Retail	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	-4.4%	-4.3%

## 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

5<sup>th</sup> Revised Page 87  
Superseding 4<sup>th</sup> 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

	August	September	October	November	December	January
	<u>2022</u>	<u>2022</u>	<u>2022</u>	<u>2022</u>	<u>2022</u>	<u>2023</u>
Base Rate	22.075¢	18.974¢	17.175¢	24.227¢	41.536¢	48.202¢
RPS Adjustment Factor	0.800¢	0.800¢	0.800¢	0.800¢	0.800¢	0.800¢
Administrative and General	.0580¢	.0580¢	.0580¢	.0580¢	.0580¢	.0580¢
Reconciliation Adjustment Factor	<u>-0.510¢</u>	<u>-0.510¢</u>	<u>-0.510¢</u>	<u>-0.510¢</u>	<u>-0.510¢</u>	<u>-0.510¢</u>
Total Rate Per Month	22.423¢	19.322	17.523¢	24.575¢	41.884¢	48.550¢

Applicable to all other customers:

February 2023 – July 2023  
Per Kilowatt-Hour

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

Issued: December 8, 2022

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

Effective: February 1, 2023

Title: President, NH Electric Operations

NHPUC NO. 10 - ELECTRICITY DELIVERY

54<sup>th</sup> Revised Page 87

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE  
DBA EVERSOURCE ENERGY

Superseding 43<sup>th</sup> 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

	August 2022	September 2022	October 2022	November 2022	December 2022	January 2023
Base Rate	22.075¢	18.974¢	17.175¢	24.227¢	41.536¢	48.202¢
RPS Adjustment Factor	0.800¢	0.800¢	0.800¢	0.800¢	0.800¢	0.800¢
Administrative and General	.0580¢	.0580¢	.0580¢	.0580¢	.0580¢	.0580¢
Reconciliation Adjustment Factor	<u>-0.510¢</u>	<u>-0.510¢</u>	<u>-0.510¢</u>	<u>-0.510¢</u>	<u>-0.510¢</u>	<u>-0.510¢</u>
Total Rate Per Month	22.423¢	19.322	17.523¢	24.575¢	41.884¢	48.550¢

Applicable to all other customers:

~~August-February 2023~~ – ~~January-July 2023~~

#### Per Kilowatt-Hour

Base Rate	<del>21.986</del> 19.633¢
Reconciliation Adjustment	-0.28678¢
Renewable Portfolio Standard	0.81100¢
Administrative & General	0.06358¢
Total Rate Per Month	<del>202.221</del> 566¢

Issued: ~~July-December 8, 2022~~

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

Effective: ~~August~~ February 1, 2023~~2~~

Title: President, NH Electric Operations