

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

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

Docket No. DE 23-XXX

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE d/b/a EVERSOURCE ENERGY
PETITION FOR APPROVAL OF THE 2024 LOST BASE REVENUE RATE**

Pursuant to New Hampshire Code of Administrative Rules Puc 203.06 and RSA 374-F:3, VI-a(d)(5), Public Service Company of New Hampshire d/b/a Eversource Energy (“Eversource”, “PSNH” or the “Company”) hereby petitions the New Hampshire Public Utilities Commission (“Commission”) to approve the Company’s Lost Base Revenue (“LBR”) rate¹ attached to this petition. In support of this petition, Eversource states the following:

1. On February 24, 2022, the Governor signed HB 549 into law, which modified RSA 374-F:3 to add a new section VI-a. RSA 374-F:3, VI-a(d)(5). This section allows for automatic approval of the three-year energy efficiency plan if the Commission does not issue and order on the plan by November 30, 2023, but exempts performance incentives and LBR from that automatic approval, instead requiring a Commission order without qualification: “If the commission fails to issue an order on either a 3-year plan or an interim program update during the year in which a petition is filed, the proposed alterations to programs and *budgets shall be deemed approved except for changes in performance incentives and recovery of lost base revenues, which the commission shall promptly review and approve by order.*” (RSA 374-F:3, VI-a(d)(5), emphasis added).

¹ LBR is a component part of the System Benefits Charge rate.

2. Originally, Eversource included a proposed 2024 LBR rate of \$0.00178 in the filing of the 2024-2026 Triennial Energy Efficiency Plan on June 30, 2023, which became Docket No. DE 23-068, and requested that the Commission approve the LBR in the same order approving the plan.

3. On July 27, 2023, there was a prehearing conference for Docket No. DE 23-068, where Eversource discussed the review and approval of LBR with the Commission. On August 2, the Commission issued a Prehearing Order in that docket, stating in relevant part “approval of any lost base revenue rate adders for Eversource will not be considered in the instant adjudicative proceeding . . . and directs Eversource to file a its request for authorization to collect lost base revenues in 2024 . . . not later than September 1, 2023.” (Prehearing Order at 3). Therefore, the Company hereby submits this petition along with the direct testimony and supporting attachment of Yi-An Chen, Director of Revenue Requirements for PSNH, supporting the proposed LBR rate of \$0.00181. This proposed rate varies from that which was initially proposed in Docket No. DE 23-068, because Eversource was able to update the rate to reflect actual sales for the months of June and July.

4. The Company respectfully requests that the Commission review and approve the proposed LBR rate in time for the rate to be included in the System Benefits Charge rate to take effect on January 1, 2024, consistent with RSA 374-F:3, VI-a(d)(2). Since the LBR is fully reconciling, and should no party intervene to contest this proposed rate, Eversource would also request that the Commission approve the LBR via order *nisi*.

WHEREFORE, PSNH respectfully requests that the Commission:

- A. Approve the 2024 LBR of \$0.00181 via order *nisi*; and
- B. Grant any such further relief as may be just and reasonable.

Respectfully submitted this 1st day of September, 2023

**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: September 1, 2023



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
2024 LOST BASE REVENUE RATE
DIRECT TESTIMONY OF YI-AN CHEN

September 1, 2023

Docket No. DE 23-XXX

1 **I. INTRODUCTION**

2 **Q. Please state your name, by whom you are employed and in what capacity.**

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

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

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

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

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

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

10 A. No, I have not.

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

12 A. The purpose of my testimony is to present and support the estimated calculation of the
13 lost base revenue ("LBR") component of the SBC rate for effect January 1, 2024. My
14 testimony explains what is contained in Attachment YC-1, which provides the estimated
15 calculation of the LBR rate component of the SBC rate for Eversource. The testimony
16 provides an explanation of the changes made to the LBR rate component to account for
17 the directives of HB 549, which amended RSA 374-F:3, VI-a ("HB 549"). This is
18 consistent with the Commission's directive in the Prehearing Order issued in Docket No.
19 DE 23-068 which states:

20 "The Commission . . . directs Eversource to file a its request for
21 authorization to collect lost base revenues in 2024 as expeditiously as
22 possible, and not later than September 1, 2023."

1 **II. LBR COMPONENT OF THE SBC RATE**

2 **Q. What is the estimated LBR component of the SBC rate and how was it calculated?**

3 A. HB 549 states, “the joint utility energy efficiency plan and programming framework and
4 components, including utility performance incentive payments, lost base revenue
5 calculations, and Evaluation, Measurement, and Verification process that were in effect
6 on January 1, 2021, shall remain in effect until changed by an order or operation of law
7 as authorized in subparagraphs (3) and (5).” Consistent with this legislative directive,
8 Eversource “trued-up,” or reconciled, the most recent actual LBR rate and also calculated
9 the estimated LBR rate for effect on January 1, 2024, as shown in the table below:

10

Lost Base Revenue (LBR) Rate (\$ per kWh)		
<u>Effective Date</u>	<u>Proposed Rate</u>	<u>Actual Rate</u>
January 1, 2022		\$ 0.00065
May 1, 2022		0.00185
January 1, 2023		\$ 0.00205
January 1, 2024	\$ 0.00181	

14 For the proposed rate of \$0.00181, for effect on January 1, 2024, the LBR component of
15 the SBC rate was calculated using the sum of the preliminary 2023 LBR over-recovery
16 amount carried into 2024 (totaling \$407,000¹), the forecasted LBR revenue further
17 described below, and the estimated current year carried-over interest charge on any over
18 or under recovery amount, the total of which is then divided by the forecasted sales. The
19 over or under recovery of revenue occurs as a result of differences between the
20 preliminary calculated LBR rate and the actual revenue collected from the LBR rate.

21 Over or under recoveries typically result from variances between: 1) actual sales volumes

¹ Attachment YC-1, Page 7, Line 4, Col. B.

1 and forecasted sales volumes, and 2) actual measure savings and forecasted measure
2 savings. In both instances, the forecasted sales were used to calculate the estimated LBR
3 component of the SBC rate.

4 **Q. Please explain the contents of Attachment YC-1.**

5 A. The LBR rate calculations and supporting documentation are provided on pages 1
6 through 11 of Attachment YC-1.

- 7 • Page 1 provides a summary of the component parts of the LBR rate for 2024,
8 which includes the sum of the forecasted LBR revenue, the prior plan year over
9 recovery balance (with interest), and the interest from 2024, which results in total
10 estimated LBR revenue for 2024. The total LBR revenue is then divided by the
11 forecasted sales to arrive at the LBR rate proposed in this filing.
- 12 • Pages 2 through 4 provide the supporting calculations for LBR for calendar years
13 2022 through 2024 using actual (2022), estimated/forecasted (2023), and
14 forecasted (2024) kWh savings and rates. Energy efficiency measures installed
15 after 2018 have LBR calculated by adding two “separate” calculations: (1) the
16 kWh savings multiplied by the sector’s kWh LBR Average Distribution Rate
17 (“ADR”); and (2) the kW savings multiplied by the sector’s kW LBR ADR. The
18 sum of these two calculations results in the total LBR for measures installed. This
19 method is used to calculate LBR for the life of the measure for all measures
20 installed on or after January 1, 2019.

- 1 • Pages 5 through 7 provide the (i) reconciliation of LBR for 2022 using actual
2 monthly revenues collected against actual LBR to determine the over or under
3 recovery, plus interest, that is carried over into the 2023 plan year; and (ii)
4 preliminary reconciliations of actual (collected thus far) and forecasted monthly
5 revenues against estimated (2023) and forecasted (2023/2024) LBR for the
6 calendar years 2023 and 2024.
- 7 • Page 8 provides average sector distribution rates from calendar year 2022 for use
8 in the calculation of the LBR.
- 9 • Page 9 provides the total 2024 LBR rate bill impacts compared to the bill impacts
10 from the August 2023 LBR rate.
- 11 • Pages 10 and 11 provide additional details supporting the calendar year 2022
12 average distribution rate calculation for each customer class.

13 **Q. Are there changes in the way that LBR is calculated for the upcoming three-year**
14 **plan, compared to the current plan period of 2022 and 2023?**

15
16 A. No. LBR for the three-year plan was calculated consistent with the mandate of HB 549,
17 which states that LBR must be calculated and implemented in the same manner as it was
18 on January 1, 2021, therefore there is no difference between the LBR calculation
19 methodology between the current period that ends on December 31, 2023 and the
20 upcoming three-year plan, including the 2024 LBR rate proposed in this filing.

1 **Q. Please describe how kWh savings are derived for the first month of a new measure's**
2 **installation.**

3
4 A. Savings are calculated consistent with sections III and IV and Appendix A and B of the
5 EERS Working Group Report on LBR², which is how LBR was calculated on January 1,
6 2021 and therefore how LBR should be calculated consistent with HB 549. When
7 calculating forecasted savings, a 50 percent factor is applied to reflect the reality that
8 energy efficiency measures are implemented throughout any given month rather than
9 representing that all measures are implemented on the first of the month, which is not
10 what actually takes place. When calculating actual savings in the calendar year
11 reconciliation, 100 percent of savings are claimed beginning in the month in which the
12 measure is paid for, which is on average two months after measures are installed and
13 begin generating savings.

14 **Q. Please describe how Eversource has accounted for 2018 test year savings from the**
15 **most recently approved rate case in Docket No. DE 19-057, within the calculation of**
16 **LBR.**

17
18 A. Consistent with the Settlement Agreement approved by the Commission in Docket No.
19 DE 19-057 by Order No. 26,433 (December 15, 2020), measures installed prior to the
20 2018 test year were incorporated into the cost of service and revenue requirement and
21 therefore are not included in the calculation of LBR savings. For measures installed
22 during the 2018 test year, those annualized savings were not fully recognized in 2018 and
23 therefore the residual savings that were not recognized in the test year were not

² For the EERS Working Group Report, please see
https://www.puc.nh.gov/EESE%20Board/EERS_Working_Groups.html

1 incorporated into the revenue requirement that resulted from the Settlement Agreement.
2 Those residual savings not fully recognized in 2018 are what comprised the 2018 savings
3 and LBR calculations included in the cumulative kWh savings in this filing.

4 **Q. Please describe the derivation of the Average Distribution Rates used in the**
5 **calculation of LBR.**

6
A. Consistent with section V of the EERS Working Group Report³, the ADR used in the
LBR preliminary reconciliation calculation for 2023 and in the forecasted LBR
calculation for 2024 utilizes the distribution rates in effect in 2022 using billing
determinants for the 12-month period ending December 31, 2022.

7 **Q. Please describe how Eversource has accounted for retirements in the calculation of**
8 **LBR.**

9
10 A. Consistent with sections III.F and IV.F. of the EERS Working Group Report,⁴ any
11 savings associated with measures that are retiring within the calendar year are removed
12 from the LBR calculation. A separate line showing retired measures where there are any,
13 is provided in the schedules supporting the LBR calculation. As measures retire, the
14 savings from those measures will be removed from the calculation.

³ *Id.*

⁴ *Id.*

1 **Q. Please explain why the 2023 LBR reconciliation is considered a preliminary**
2 **calculation.**

3
4 A. The 2023 LBR reconciliation is a preliminary calculation because the 2023 LBR savings
5 contain a partial estimate and will not be finalized until after the end of the calendar year.
6 The final 2023 LBR and any resulting over- or under-recoveries will be calculated in the
7 2023 annual performance filing to be made on June 1, 2024. Any over- or under-
8 recoveries will be carried forward into the 2025 LBR rate, which will become effective
9 January 1, 2025.

10 **III. TOTAL LBR AND BILL IMPACTS**

11 **Q. What is the total estimated LBR component of the SBC rate?**

12 A. Page 1 of Attachment YC-1 provides a summary of the LBR component of the SBC rate.
13 The recent actual LBR rates for January 1, 2022, May 1, 2022, and January 1, 2023, as
14 well as the estimated 2024 LBR rate presented in this filing are summarized and shown in
15 the table provided above in Section II, page 3.

1 **Q. Have you provided bill impacts associated with the proposed LBR?**

2 A. Yes. The bill impacts for a typical residential and C&I customer are provided on Page 9
3 of Attachment YC-1. The bill impact for the proposed LBR rate to take effect January 1,
4 2024 is measured against the rate currently in effect.

5

6 **Q. Does the Company require Commission approval of the LBR component of the SBC**
7 **rate billed to customers by a specific date?**

8

9 A. Yes, RSA 374-F:3, VI-a(d)(5) deems the three-year energy efficiency plan automatically
10 approved if the Commission does not issue an order by November 30, 2023, but makes
11 an exception for performance incentives and LBR: “If the commission fails to issue an
12 order on either a 3-year plan or an interim program update during the year in which a
13 petition is filed, the proposed alterations to programs and budgets shall be deemed
14 approved *except for changes in performance incentives and recovery of lost base*
15 *revenues, which the commission shall promptly review and approve by order.*”
16 (emphasis added). Therefore, Eversource respectfully requests that the Commission
17 approve the LBR rate as proposed for effect on January 1, 2024.

1 **IV. CONCLUSION**

2 **Q. Will the approval and implementation of the proposed LBR rate result in just and**
3 **reasonable rates?**

4 A. Yes it will.

5

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

7 A. Yes, it does.

8

Public Service Company of New Hampshire d/b/a Eversource Energy
 NHPUC Docket No. DE 23-0xx
 NHSaves LBR Rate Filing (2024)
 Attachment YC-1
 Page 1 of 11

Public Service Company of New Hampshire d/b/a Eversource Energy
2024 Lost Base Revenue (LBR) Calculation
(\$ in 000's)

Year	Forecasted LBR Revenue	Prior Year Carryover with Interest	Current Year Interest	Total LBR Revenue	Forecasted Sales (MWh)	SBC Rate LBR Component (cents/kWh)
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G
2024	\$ 14,475	\$ (407)	\$ (27)	\$ 14,041	7,762,885	0.181

- Col. A: Effective year (January 1 - December 31)
- Col. B: Page 4, Line 22, Col. O / 1000
- Col. C: Page 7, Line 4, Col. B
- Col. D: Page 7, Line 6, Col. O
- Col. E: Col. B + Col. C + Col. D
- Col. F: Company Forecast
- Col. G: (Col. E * 100) / Col. F

Public Service Company of New Hampshire d/b/a Eversource Energy
Monthly and Cumulative Savings and Lost Base Revenue
January 1, 2022 to December 31, 2022

Line	Description	Cumulative Annual kWh Savings / Monthly kW Savings Dec-21	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Actual Jun-22	Actual Jul-22	Actual Aug-22	Actual Sep-22	Actual Oct-22	Actual Nov-22	Actual Dec-22	2022 Annual kWh and Monthly kW Savings	Cumulative Annual kWh Savings / Monthly kW Savings 12/31/2022
1	Residential Annual kWh Savings (2018-2022)	68,846,728	566,601	263,060	620,652	743,780	482,817	382,155	903,299	823,360	578,581	724,354	712,326	1,085,739	7,886,725	73,095,379
2	C&I Annual kWh Savings (2018)	38,157,478	-	-	-	-	-	-	-	-	-	-	-	-	-	38,157,478
3	C&I Annual kWh Savings (2019-2022)	215,490,430	6,799,437	2,475,327	1,446,248	1,207,018	4,196,185	3,077,312	2,520,581	1,192,172	4,088,559	5,004,211	6,254,584	14,529,169	52,790,803	268,281,233
4	C&I Monthly Installed kW Savings	33,439	858	415	189	204	651	384	432	114	483	801	645	2,069	7,245	40,684
Total 2022																
			Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Lost Base Revenue	
5	Monthly Residential Savings (2022)		47,217	21,922	51,721	61,982	40,235	31,846	75,275	68,613	48,215	60,363	59,360	90,478	657,227	
6	Retired Measures		27,546	27,913	34,891	41,502	40,768	35,259	28,280	26,077	28,648	12,288	-	-	303,173	
7	Cumulative Residential Savings	5,737,227	5,756,898	5,750,907	5,767,736	5,788,216	5,787,682	5,784,270	5,831,264	5,873,801	5,893,368	5,941,443	6,000,803	6,091,282		
8	Average Residential kWh Distribution Rate		0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124		
9	Total Lost Residential Revenue		\$ 294,966	\$ 294,659	\$ 295,521	\$ 296,570	\$ 296,543	\$ 296,368	\$ 298,776	\$ 300,956	\$ 301,958	\$ 304,421	\$ 307,463	\$ 312,099	\$ 3,600,301	
10	Monthly C&I Savings (2018)	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790		
11	Average C&I kWh Distribution Rate		0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074		
12	Lost C&I kWh Revenue		\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 1,172,883	
13	Monthly C&I Savings (2022)		566,620	206,277	120,521	100,585	349,682	256,443	210,048	99,348	340,713	417,018	521,215	1,210,764		
14	Cumulative C&I Savings	17,957,536	18,524,156	18,730,433	18,850,953	18,951,538	19,301,220	19,557,663	19,767,712	19,867,059	20,207,772	20,624,790	21,146,005	22,356,769		
15	Average C&I kWh Distribution Rate		0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124		
16	Lost C&I kWh Revenue		\$ 208,245	\$ 210,564	\$ 211,919	\$ 213,049	\$ 216,980	\$ 219,863	\$ 222,225	\$ 223,342	\$ 227,172	\$ 231,860	\$ 237,719	\$ 251,330	\$ 2,674,268	
17	Monthly C&I kW Savings (2022)		858	415	189	204	651	384	432	114	483	801	645	2,069		
18	Cumulative Monthly C&I kW Savings	33,439	34,297	34,711	34,900	35,104	35,755	36,139	36,571	36,685	37,168	37,969	38,615	40,684		
19	Average C&I Demand Rate		8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49		
20	Lost C&I Demand Revenue		\$ 291,297	\$ 294,818	\$ 296,422	\$ 298,153	\$ 303,684	\$ 306,948	\$ 310,618	\$ 311,583	\$ 315,687	\$ 322,491	\$ 327,972	\$ 345,549	\$ 3,725,221	
21	Total Lost C&I kWh and Demand Revenue		\$ 597,282	\$ 603,122	\$ 606,080	\$ 608,943	\$ 618,405	\$ 624,552	\$ 630,583	\$ 632,665	\$ 640,599	\$ 652,091	\$ 663,431	\$ 694,619	\$ 7,572,372	
22	Total Lost Revenue		\$ 892,248	\$ 897,781	\$ 901,602	\$ 905,513	\$ 914,948	\$ 920,920	\$ 929,359	\$ 933,620	\$ 942,557	\$ 956,512	\$ 970,894	\$ 1,006,718	\$ 11,172,673	

Lines 1-4: Company Records
Line 5: Line 1 / 12
Line 6: Company Records
Line 7: Prior Month Line 7 + Current Month Line 5 - Current Month Line 6
Line 8: Page 8, Column 8
Line 9: Line 7 x Line 8
Line 10: Line 2, Column B / 12
Line 11: Page 8, Column 8
Line 12: Line 10 x Line 11
Line 13: Line 3 / 12
Line 14: Prior Month Line 14 + Current Month Line 13
Line 15: Page 8, Column 7
Line 16: Line 14 x Line 15
Line 17: Line 4
Line 18: Prior Month Line 18 + Current Month Line 17
Line 19: Page 8, Column 6
Line 20: Line 18 x Line 19
Line 21: Line 12 + Line 16 + Line 20
Line 22: Line 9 + Line 21

Public Service Company of New Hampshire d/b/a Eversource Energy
Monthly and Cumulative Savings and Lost Base Revenue
January 1, 2023 to December 31, 2023

Line	Description	Cumulative Annual kWh Savings / Monthly kWh Savings Dec-22	Estimate Jan-23	Estimate Feb-23	Estimate Mar-23	Estimate Apr-23	Estimate May-23	Estimate Jun-23	Estimate Jul-23	Forecast Aug-23	Forecast Sep-23	Forecast Oct-23	Forecast Nov-23	Forecast Dec-23	2023 Annual kWh and Monthly kWh Savings	Cumulative Annual kWh Savings / Monthly kWh Savings 12/31/2023
1	Residential Annual kWh Savings (2018-2023)	73,095,379	118,565	502,884	845,670	577,795	741,555	652,894	943,213	1,326,066	1,326,066	1,326,066	1,326,066	1,326,066	11,012,907	84,108,286
2	C&I Annual kWh Savings (2018)	38,157,478	-	-	-	-	-	-	-	-	-	-	-	-	-	38,157,478
3	C&I Annual kWh Savings (2019-2023)	268,281,233	924,407	2,156,869	1,976,655	2,013,853	3,145,496	4,305,687	3,324,582	5,723,048	5,723,048	5,723,048	5,723,048	5,723,048	46,462,788	314,744,021
4	C&I Monthly Installed kW Savings	40,684	147	374	344	306	490	644	544	789	789	789	789	789	6,794	47,478
Total 2023																
5	Monthly Residential Savings (2023)		9,880	41,907	70,472	48,150	61,796	54,408	78,601	55,253	55,253	55,253	55,253	55,253	641,478	
6	Retired Measures		-	-	-	-	-	-	-	-	-	-	-	-	-	
7	Cumulative Residential Savings	6,091,282	6,101,162	6,143,069	6,213,541	6,261,691	6,323,487	6,377,895	6,456,496	6,511,749	6,567,002	6,622,254	6,677,507	6,732,760		
8	Average Residential kWh Distribution Rate		0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124		
9	Total Lost Residential Revenue		\$ 312,605	\$ 314,752	\$ 318,363	\$ 320,830	\$ 323,996	\$ 326,784	\$ 330,811	\$ 333,642	\$ 336,473	\$ 339,304	\$ 342,135	\$ 344,966	\$ 3,944,661	
10	Monthly C&I Savings (2018)	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790		
11	Average C&I kWh Distribution Rate		0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074		
12	Lost C&I kWh Revenue		\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 97,740	\$ 1,172,883	
13	Monthly C&I Savings (2023)		77,034	179,739	164,721	167,821	262,125	358,807	277,048	238,460	238,460	238,460	238,460	238,460		
14	Cumulative C&I Savings	22,356,769	22,433,803	22,613,542	22,778,264	22,946,085	23,208,209	23,567,017	23,844,065	24,082,526	24,320,986	24,559,446	24,797,906	25,036,367		
15	Average C&I kWh Distribution Rate		0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124		
16	Lost C&I kWh Revenue		\$ 252,196	\$ 254,217	\$ 256,069	\$ 257,955	\$ 260,902	\$ 264,936	\$ 268,050	\$ 270,731	\$ 273,412	\$ 276,092	\$ 278,773	\$ 281,454	\$ 3,194,787	
17	Monthly C&I kW Savings (2023)		147	374	344	306	490	644	544	789	789	789	789	789		
18	Cumulative Monthly C&I kW Savings	40,684	40,831	41,204	41,548	41,854	42,344	42,988	43,532	43,926	44,321	44,716	45,110	45,505		
19	Average C&I Demand Rate		8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49		
20	Lost C&I Demand Revenue		\$ 346,794	\$ 349,967	\$ 352,885	\$ 355,488	\$ 359,647	\$ 365,118	\$ 369,735	\$ 373,087	\$ 376,439	\$ 379,791	\$ 383,143	\$ 386,495	\$ 4,398,590	
21	Total Lost C&I kWh and Demand Revenue		\$ 696,731	\$ 701,924	\$ 706,694	\$ 711,183	\$ 718,289	\$ 727,794	\$ 735,526	\$ 741,559	\$ 747,591	\$ 753,624	\$ 759,656	\$ 765,689	\$ 8,766,260	
22	Total Lost Revenue		\$ 1,009,336	\$ 1,016,676	\$ 1,025,056	\$ 1,032,013	\$ 1,042,286	\$ 1,054,578	\$ 1,066,337	\$ 1,075,201	\$ 1,084,064	\$ 1,092,928	\$ 1,101,792	\$ 1,110,655	\$ 12,710,921	

Lines 1-4: Company Records
Line 5: Line 1 / 12
Line 6: Company Records
Line 7: Prior Month Line 7 + Current Month Line 5 - Current Month Line 6
Line 8: Page 8, Column 8
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Line 22: Line 9 + Line 21

Public Service Company of New Hampshire d/b/a Eversource Energy
Monthly and Cumulative Savings and Lost Base Revenue
January 1, 2024 to December 31, 2024

Line	Description	Cumulative Annual kWh Savings / Monthly													2024 Annual kWh and Monthly kWh Savings	Cumulative Annual kWh Savings / Monthly 12/31/2024
		Dec-23	Forecast Jan-24	Forecast Feb-24	Forecast Mar-24	Forecast Apr-24	Forecast May-24	Forecast Jun-24	Forecast Jul-24	Forecast Aug-24	Forecast Sep-24	Forecast Oct-24	Forecast Nov-24	Forecast Dec-24		
Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O	Col. P	
1	Residential Annual kWh Savings (2018-2024)	84,108,286	919,779	919,779	919,779	919,779	919,779	919,779	919,779	919,779	919,779	919,779	919,779	919,779	11,037,349	95,145,634
2	C&I Annual kWh Savings (2018)	38,157,478	-	-	-	-	-	-	-	-	-	-	-	-	-	38,157,478
3	C&I Annual kWh Savings (2019-2024)	314,744,021	5,330,073	5,330,073	5,330,073	5,330,073	5,330,073	5,330,073	5,330,073	5,330,073	5,330,073	5,330,073	5,330,073	5,330,073	63,960,871	378,704,892
4	C&I Monthly Installed kW Savings	47,478	806	806	806	806	806	806	806	806	806	806	806	806	9,676	57,154
Total 2024																
		Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Lost Base Revenue		
5	Monthly Residential Savings (2024)	38,324	38,324	38,324	38,324	38,324	38,324	38,324	38,324	38,324	38,324	38,324	38,324	459,890		
6	Retired Measures	-	-	-	-	-	-	-	-	-	-	-	-	-		
7	Cumulative Residential Savings	7,009,024	7,047,348	7,085,672	7,123,996	7,162,320	7,200,644	7,238,969	7,277,293	7,315,617	7,353,941	7,392,265	7,430,589	7,468,913		
8	Average Residential kWh Distribution Rate		0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124	0.05124		
9	Total Lost Residential Revenue	\$	361,085	363,048	365,012	366,975	368,939	370,903	372,866	374,830	376,793	378,757	380,721	382,684	\$	4,462,613
10	Monthly C&I Savings (2018)	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790	3,179,790		
11	Average C&I kWh Distribution Rate		0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074	0.03074		
12	Lost C&I kWh Revenue	\$	97,740	97,740	97,740	97,740	97,740	97,740	97,740	97,740	97,740	97,740	97,740	97,740	\$	1,172,883
13	Monthly C&I Savings (2024)		222,086	222,086	222,086	222,086	222,086	222,086	222,086	222,086	222,086	222,086	222,086	222,086		
14	Cumulative C&I Savings	26,228,668	26,450,755	26,672,841	26,894,927	27,117,014	27,339,100	27,561,187	27,783,273	28,005,359	28,227,446	28,449,532	28,671,618	28,893,705		
15	Average C&I kWh Distribution Rate		0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124	0.01124		
16	Lost C&I kWh Revenue	\$	297,354	299,851	302,347	304,844	307,341	309,837	312,334	314,831	317,327	319,824	322,321	324,817	\$	3,733,028
17	Monthly C&I kW Savings (2024)		403	403	403	403	403	403	403	403	403	403	403	403		
18	Cumulative Monthly C&I kW Savings	47,478	47,881	48,285	48,688	49,091	49,494	49,897	50,300	50,704	51,107	51,510	51,913	52,316		
19	Average C&I Demand Rate		8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49	8.49		
20	Lost C&I Demand Revenue	\$	406,679	410,103	413,528	416,952	420,376	423,801	427,225	430,649	434,074	437,498	440,922	444,347	\$	5,106,154
21	Total Lost C&I kWh and Demand Revenue	\$	801,773	807,694	813,615	819,536	825,457	831,378	837,299	843,220	849,141	855,062	860,983	866,904	\$	10,012,065
22	Total Lost Revenue	\$	1,162,858	1,170,742	1,178,627	1,186,512	1,194,396	1,202,281	1,210,165	1,218,050	1,225,935	1,233,819	1,241,704	1,249,588	\$	14,474,678

Lines 1-4: Company Records
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Public Service Company of New Hampshire d/b/a Eversource Energy
Lost Base Revenue Reconciliation
January 1, 2022 to December 31, 2022
(\$ in 000's)

Line	Description	Actual Carryover Dec-21	Actual Jan-22	Actual Feb-22	Actual Mar-22	Actual Apr-22	Actual May-22	Actual Jun-22	Actual Jul-22	Actual Aug-22	Actual Sep-22	Actual Oct-22	Actual Nov-22	Actual Dec-22	2022 Total
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O
1	Total Revenue Recovery		463	452	411	389	706	1,143	1,276	1,484	1,272	1,024	1,030	1,191	10,839
2	Total Lost Revenues		892	898	902	906	915	921	929	934	943	957	971	1,007	11,173
3	Current Month (Over)/Under Recovery		429	446	491	517	209	(222)	(346)	(550)	(329)	(67)	(59)	(184)	333
4	Cumulative (Over)/Under Recovery	1,883	2,312	2,757	3,248	3,765	3,974	3,752	3,405	2,855	2,526	2,459	2,400	2,216	
5	Carrying Charge Rate (Prime Rate)		0.2708%	0.2708%	0.2808%	0.2917%	0.3283%	0.3650%	0.4042%	0.4583%	0.4775%	0.5208%	0.5792%	0.6058%	
6	Carrying Charge on Deferral Balance		6	7	8	10	13	14	14	14	13	13	14	14	141
7	Cumulative (Over)/Under Recovery Incl Carrying Charge		2,317	2,770	3,269	3,796	4,018	3,810	3,478	2,942	2,626	2,571	2,527	2,356	
8	Total Sales (MWh)		712,609	695,660	632,237	598,209	587,290	617,815	689,536	802,104	687,362	553,498	556,560	643,644	7,776,524
9	SBC Rate (LBR Component in cents per kWh)		0.065	0.065	0.065	0.065	0.185	0.185	0.185	0.185	0.185	0.185	0.185	0.185	

Line 1: Company Records
Line 2: Page 2, Line 22 / 1000
Line 3: Line 2 - Line 1
Line 4: Prior month Line 4 + Current month Line 3
Line 5: Prime Rate / 12
Line 6: (Prior Month Line 4 + Current Month Line 4) / 2 x Line 5
Line 7: Line 4 + Line 6 (including prior months)
Line 8: Company Records
Line 9: Approved Rate

Public Service Company of New Hampshire d/b/a Eversource Energy
Lost Base Revenue Reconciliation (Preliminary)
January 1, 2023 to December 31, 2023
(\$ in 000's)

Line	Description	Actual	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	Forecast	Forecast	Forecast	Forecast	Forecast	2023
		Carryover Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O
1	Total Revenue Recovery		1,410	1,266	1,265	1,250	1,109	1,245	1,411	1,465	1,247	1,231	1,232	1,411	15,542
2	Total Lost Revenues		1,009	1,017	1,025	1,032	1,042	1,055	1,066	1,075	1,084	1,093	1,102	1,111	12,711
3	Current Month (Over)/Under Recovery		(400)	(249)	(240)	(218)	(67)	(190)	(345)	(390)	(163)	(138)	(130)	(300)	(2,831)
4	Cumulative (Over)/Under Recovery	2,356	1,956	1,707	1,467	1,249	1,182	992	647	257	94	(44)	(174)	(475)	
5	Carrying Charge Rate (Prime Rate)		0.6250%	0.6450%	0.6517%	0.6667%	0.6858%	0.6875%	0.6908%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	
6	Carrying Charge on Deferral Balance		13	12	10	9	8	7	6	3	1	0	(1)	(2)	68
7	Cumulative (Over)/Under Recovery Incl Carrying Cha		<u>1,970</u>	<u>1,732</u>	<u>1,502</u>	<u>1,293</u>	<u>1,235</u>	<u>1,053</u>	<u>713</u>	<u>326</u>	<u>165</u>	<u>26</u>	<u>(104)</u>	<u>(407)</u>	
8	Total Sales (MWh)		687,634	617,425	617,271	609,783	540,971	607,111	688,487	714,805	608,210	600,627	600,773	688,338	7,581,434
9	SBC Rate (LBR Component in cents per kWh)		0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	

Line 1: Company Records; (Line 8 x Line 9) / 100
Line 2: Page 3, Line 22 / 1000
Line 3: Line 2 - Line 1
Line 4: Prior month Line 4 + Current month Line 3
Line 5: Prime Rate / 12
Line 6: (Prior Month Line 4 + Current Month Line 4) / 2 x Line 5
Line 7: Line 4 + Line 6 (including prior months)
Line 8: Company Records/Forecast
Line 9: Approved Rate

Public Service Company of New Hampshire d/b/a Eversource Energy
Lost Base Revenue Reconciliation (Preliminary)
January 1, 2024 to December 31, 2024
(\$ in 000's)

Line	Description	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	2024
		Carryover Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Total	
	Col. A	Col. B	Col. C	Col. D	Col. E	Col. F	Col. G	Col. H	Col. I	Col. J	Col. K	Col. L	Col. M	Col. N	Col. O	
1	Total Revenue Recovery		1,288	1,180	1,155	1,046	1,052	1,172	1,343	1,299	1,104	1,081	1,084	1,237	14,041	
2	Total Lost Revenues		1,163	1,171	1,179	1,187	1,194	1,202	1,210	1,218	1,226	1,234	1,242	1,250	14,475	
3	Current Month (Over)/Under Recovery		(125)	(9)	24	140	142	31	(133)	(81)	122	153	158	13	434	
4	Cumulative (Over)/Under Recovery	(407)	(532)	(541)	(517)	(377)	(235)	(204)	(337)	(418)	(296)	(143)	14	27		
5	Carrying Charge Rate (Prime Rate)		0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%	0.7083%		
6	Carrying Charge on Deferral Balance		(3)	(4)	(4)	(3)	(2)	(2)	(2)	(3)	(3)	(2)	(0)	0	(27)	
7	Cumulative (Over)/Under Recovery Incl Carrying Charge		(535)	(548)	(528)	(391)	(251)	(222)	(357)	(440)	(321)	(170)	(13)	0		
8	Total Sales (MWh)		712,077	652,194	638,637	578,410	581,818	647,722	742,777	718,038	610,409	597,713	599,437	683,656	7,762,885	
9	SBC Rate (LBR Component in cents per kWh)		0.181	0.181	0.181	0.181	0.181	0.181	0.181	0.181	0.181	0.181	0.181	0.181		

Line 1: (Line 8 x Line 9) / 100
Line 2: Page 4, Line 22 / 1000
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Line 7: Line 4 + Line 6 (including prior months)
Line 8: Company Forecast
Line 9: Estimated/Proposed Rate

**Public Service Company of New Hampshire d/b/a Eversource Energy
Calculation of Forecasted Average Distribution Rate for Lost Revenue
Based on Actual Billing Determinants and Distribution Rates***

	(1)	(2)	(3) = (1) + (2)	(4)	(5)	(6) = (2) / (4)	(7) = (2) / (5)	(8) = (3) / (5)
For the Period 01/01/2022 Through 12/31/2022								
<u>Rate Class</u>	<u>Demand Charges</u>	<u>Revenue kWh Charges</u>	<u>Total Demand and kWh Charges</u>	<u>Delivery kW</u>	<u>Delivery kWh</u>	<u>Average Distribution Rate \$/kW</u>	<u>Average Distribution Rate \$/kWh</u>	<u>Average Distribution Rate \$/kWh</u>
Residential	\$ -	\$ 173,956,689	\$ 173,956,689	\$ -	3,395,141,862	N/A	N/A	\$ 0.05124
General Service Rate G	\$ 40,446,960	\$ 32,596,024	\$ 73,042,984	3,439,722	1,616,163,985	\$ 9.48	\$ 0.02017	\$ 0.04520
Primary General Service Rate GV	\$ 27,901,596	\$ 10,426,507	\$ 38,328,103	4,067,414	1,595,794,474	\$ 2.56	\$ 0.00653	\$ 0.02402
Large General Service Rate LG	\$ 16,201,617	\$ 5,730,473	\$ 21,932,090	2,447,591	1,124,802,700	\$ 2.34	\$ 0.00509	\$ 0.01950
Commercial and Industrial	\$ 84,550,173	\$ 48,753,003	\$ 133,303,176	9,954,727	4,336,761,158	\$ 8.49	\$ 0.01124	\$ 0.03074

* Excludes the outdoor lighting rates (Rate OL and Rate EOL), the Customer/Meter charge revenue from each rate, and the on/off peak kWh associated with Rate B >= 115 kV under Rate LG.

Public Service Company of New Hampshire d/b/a Eversource Energy
 NHPUC Docket No. DE 23-0xx
 NHSaves LBR Rate Filing (2024)
 Attachment YC-1
 Page 9 of 11

**Public Service Company of New Hampshire d/b/a Eversource Energy
 Bill Impacts of Changes in Lost Base Revenue (LBR) Rate**

<u>Line Description</u>	<u>Current Rates*</u>	<u>2024</u>
1 LBR Rate (\$/kWh)	\$ 0.00205	\$ 0.00181
2 <u>Bill per month, including PSNH default energy service</u>		
3 Residential Rate R (625 kWh/month)	\$ 150.97	\$ 150.82
4 General Service Rate G, three-phase service (40 kW, 10,000 kWh/month)	\$ 2,347.68	\$ 2,345.26
5 <u>Change from previous rate level - \$ per month</u>		
6 Residential Rate R (625 kWh/month)		\$ (0.15)
7 General Service Rate G, three-phase service (40 kW, 10,000 kWh/month)		\$ (2.41)
8 <u>Change from previous rate level - %</u>		
9 Residential Rate R (625 kWh/month)		-0.1%
10 General Service Rate G, three-phase service (40 kW, 10,000 kWh/month)		-0.1%

* Stated at Eversource's rate levels effective August 1, 2023

Public Service Company of New Hampshire d/b/a Eversource Energy
Calculation of Distribution Revenue at the Rate Levels in Effect January 1 - December 31, 2022
Based on Billing Determinants for the Twelve Months Ending December 2022

Table with columns: Rate, Source, January 1, 2022 - January 31, 2022, February 1, 2022 - October 31, 2022, November 1, 2022 - December 31, 2022, 2022 Total. Rows include: Standard, Uncontrolled Water Heating, Controlled Water Heating, LCS - Radio-controlled, LCS - 8 Hour, LCS - 10.11 Hour, Time of Day, Time of Day 2, and Total Residential.

Table with columns: Rate, Source, January 1, 2022 - January 31, 2022, February 1, 2022 - October 31, 2022, November 1, 2022 - December 31, 2022, 2022 Total. Rows include: Standard, Time of Day, Space Heating, Uncontrolled Water Heating, Controlled Water Heating, LCS - Radio-controlled, LCS - 8 Hour, LCS - 10.11 Hour, and Total General Service.

Table with columns: Rate, Source, January 1, 2022 - January 31, 2022, February 1, 2022 - October 31, 2022, November 1, 2022 - December 31, 2022, 2022 Total. Rows include: Standard, Rate B < 115 KV, Rate B >= 115 KV, and Total GV.

Public Service Company of New Hampshire d/b/a Eversource Energy
Calculation of Distribution Revenue at the Rate Levels in Effect January 1 - December 31, 2022
Based on Billing Determinants for the Twelve Months Ending December 2022

Large General Service Rate LG

Standard	Rate	Source	January 1, 2022 - January 31, 2022			February 1, 2022 - October 31, 2022			November 1, 2022 - December 31, 2022			2022 Total		
			Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue
	Customer Charge		104	\$ 660.15	\$ 68,656	945	\$ 660.15	\$ 623,842	212	\$ 660.15	\$ 139,952	1,261	\$ -	\$ 832,449.15
	Demand Charge		184,803	\$ 5.92	\$ 1,094,034	1,868,718	\$ 5.92	\$ 11,062,811	198,162	\$ 6.18	\$ 1,224,641	2,251,683	\$ -	\$ 13,381,485.48
	On peak kWh		36,804,740	\$ 0.00554	\$ 203,898	366,207,945	\$ 0.00559	\$ 2,047,102	74,187,642	\$ 0.00559	\$ 414,709	477,200,327	\$ 2,665,709	\$ 599,993
	Off Peak kWh		48,426,477	\$ 0.00468	\$ 226,636	472,651,989	\$ 0.00473	\$ 2,235,644	101,684,420	\$ 0.00473	\$ 480,967	622,762,886	\$ 2,943,247	\$ 12,993
	Administrative Charge		9	\$ 372.10	\$ 3,349	66	\$ 372.10	\$ 24,559	14	\$ 660.15	\$ 9,242	89	\$ -	\$ 37,149.60

Outdoor Lighting Rate OL

Type	Fixture	January 1, 2022 - January 31, 2022			February 1, 2022 - October 31, 2022			November 1, 2022 - December 31, 2022			2022 Total		
		Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue
High Pressure Sodium	4,000 Lumens	3,320	\$ 15.55	\$ 51,626	30,802	\$ 15.59	\$ 480,206	6,691	\$ 16.04	\$ 107,331	40,814	\$ -	\$ 639,163
	5,800 Lumens	470	\$ 15.55	\$ 7,313	5,107	\$ 15.59	\$ 79,615	1,093	\$ 16.04	\$ 17,537	6,670	\$ -	\$ 104,464
	9,500 Lumens	779	\$ 20.68	\$ 16,115	8,177	\$ 20.73	\$ 169,515	1,833	\$ 21.33	\$ 39,099	10,790	\$ -	\$ 224,728
	16,000 Lumens	761	\$ 29.25	\$ 22,266	7,308	\$ 29.32	\$ 214,257	1,653	\$ 30.16	\$ 49,846	9,721	\$ -	\$ 286,368
	30,000 Lumens	1,159	\$ 29.97	\$ 34,743	11,677	\$ 30.05	\$ 350,897	2,651	\$ 30.91	\$ 81,930	15,487	\$ -	\$ 467,570
	50,000 Lumens	1,659	\$ 30.31	\$ 50,287	16,884	\$ 30.39	\$ 513,094	3,875	\$ 31.75	\$ 123,079	22,417	\$ -	\$ 684,461
	130,000 Lumens	266	\$ 48.64	\$ 12,953	3,672	\$ 48.76	\$ 179,067	803	\$ 50.15	\$ 40,286	4,742	\$ -	\$ 232,315
	12,000 Lumens	7	\$ 21.39	\$ 150	73	\$ 21.45	\$ 1,566	17	\$ 22.06	\$ 375	97	\$ -	\$ 2,091
	34,200 Lumens	4	\$ 27.38	\$ 110	46	\$ 27.45	\$ 1,266	11	\$ 28.23	\$ 311	61	\$ -	\$ 1,686
	3,500 Lumens	3,991	\$ 13.71	\$ 54,717	39,198	\$ 13.74	\$ 538,578	8,586	\$ 14.14	\$ 121,406	51,775	\$ -	\$ 714,701
	7,000 Lumens	751	\$ 16.50	\$ 12,387	7,748	\$ 16.55	\$ 128,230	1,747	\$ 17.02	\$ 29,730	10,245	\$ -	\$ 170,346
	11,000 Lumens	30	\$ 20.40	\$ 612	485	\$ 20.46	\$ 9,923	111	\$ 21.04	\$ 2,327	626	\$ -	\$ 12,862

Outdoor Lighting Rate EOL

Type	Fixture	January 1, 2022 - January 31, 2022			February 1, 2022 - October 31, 2022			November 1, 2022 - December 31, 2022			2022 Total		
		Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue	Units	Rate/Charge	Revenue
High Pressure Sodium	4,000 Lumens	2,109	\$ 6.34	\$ 13,371	18,407	\$ 6.36	\$ 117,069	3,202	\$ 8.39	\$ 26,865	23,718	\$ -	\$ 157,304
	5,800 Lumens	120	\$ 6.65	\$ 798	919	\$ 6.67	\$ 6,130	174	\$ 8.39	\$ 1,460	1,213	\$ -	\$ 8,388
	9,500 Lumens	279	\$ 7.07	\$ 1,973	2,122	\$ 7.09	\$ 15,045	364	\$ 10.32	\$ 3,776	2,074	\$ -	\$ 20,774
	16,000 Lumens	424	\$ 7.23	\$ 3,078	3,674	\$ 7.25	\$ 26,641	752	\$ 11.35	\$ 8,535	4,850	\$ -	\$ 40,286
	30,000 Lumens	1,029	\$ 8.95	\$ 9,210	9,422	\$ 8.98	\$ 84,610	1,929	\$ 11.35	\$ 21,894	12,380	\$ -	\$ 115,713
	50,000 Lumens	111	\$ 10.66	\$ 1,183	980	\$ 10.69	\$ 10,476	199	\$ 11.71	\$ 2,330	1,200	\$ -	\$ 13,990
	130,000 Lumens	55	\$ 17.33	\$ 953	491	\$ 17.38	\$ 8,534	108	\$ 22.23	\$ 2,401	654	\$ -	\$ 11,888
	5,000 Lumens	442	\$ 6.67	\$ 2,948	4,083	\$ 6.69	\$ 27,315	882	\$ 8.72	\$ 7,691	5,407	\$ -	\$ 37,954
	8,000 Lumens	23	\$ 7.01	\$ 161	213	\$ 7.03	\$ 1,497	48	\$ 11.52	\$ 553	284	\$ -	\$ 2,212
	15,000 Lumens	-	\$ 7.74	\$ -	-	\$ 7.76	\$ -	-	\$ 12.30	\$ -	-	\$ -	\$ -
	13,500 Lumens	28	\$ 7.91	\$ 221	261	\$ 7.93	\$ 2,070	56	\$ 12.95	\$ 725	345	\$ -	\$ 3,016

Total Retail

Type	Source	January 1, 2022 - January 31, 2022			February 1, 2022 - October 31, 2022			November 1, 2022 - December 31, 2022			2022 Total	
		Units	Revenue	Revenue	Units	Revenue	Revenue	Units	Revenue	Revenue	Units	Revenue
Total Retail	Customer/Meter	576,348	\$ 8,926,088	\$ 5,197,945	\$ 40,913,638	\$ 18,173,147	6,920,248	\$ 108,031,801				
	Fixtures	55,820	\$ 481,730	\$ 520,520	\$ 4,710,655	\$ 115,866	\$ 1,218,514	\$ 692,207	\$ 6,410,989			
	Demand	889,209	\$ 6,505,844	\$ 8,808,912	\$ 66,610,421	\$ 1,261,365	\$ 11,433,908	\$ 10,959,485	\$ 84,550,173			
	kWh	712,609,437	\$ 21,255,300	\$ 166,911,010	\$ 1,200,204,202	\$ 14,502,362	\$ 222,709,692	\$ 7,776,523,852	\$ 33,831,311,891			

Lost Base Revenue
Summary of Data Included in the Calculation of the Average Distribution Rates*

Type	Source	January 1, 2022 - January 31, 2022			February 1, 2022 - October 31, 2022			November 1, 2022 - December 31, 2022			2022 Total	
		Units	Revenue	Revenue	Units	Revenue	Revenue	Units	Revenue	Revenue	Units	Revenue
Total Residential	Demand	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -	\$ -	-	\$ -
	kWh	337,186,204	\$ 17,036,561	\$ 2,549,998,922	\$ 129,986,969	\$ 507,956,736	\$ 26,893,386	3,395,141,862	\$ 173,956,689	\$ 3,395,141,862	\$ 173,956,689	
Total General Service	Demand	261,985	\$ 3,063,507	\$ 2,889,261	\$ 33,807,742	\$ 288,477	\$ 3,575,710	\$ 4,349,722	\$ 40,446,960			
	kWh	143,094,853	\$ 2,879,185	\$ 1,227,769,143	\$ 24,713,467	\$ 245,299,989	\$ 5,003,372	1,616,163,985	\$ 32,986,024	\$ 1,616,163,985	\$ 32,986,024	
Total CV	Demand	332,337	\$ 2,284,201	\$ 3,074,487	\$ 20,965,251	\$ 660,590	\$ 4,692,045	\$ 4,067,414	\$ 4,067,414	\$ 27,001,096		
	kWh	139,120,284	\$ 897,486	\$ 1,199,757,785	\$ 7,848,632	\$ 256,916,405	\$ 1,679,140	\$ 1,595,794,474	\$ 10,426,507	\$ 1,595,794,474	\$ 10,426,507	
Total LG	Demand	200,287	\$ 1,178,138	\$ 2,011,038	\$ 11,857,328	\$ 229,266	\$ 3,166,153	\$ 2,447,591	\$ 16,201,817			
	kWh	87,546,994	\$ 482,062	\$ 854,642,480	\$ 1,361,941	\$ 182,613,626	\$ 926,464	\$ 1,124,802,700	\$ 5,730,473	\$ 1,124,802,700	\$ 5,730,473	
Total	Demand	797,609	\$ 6,505,844	\$ 7,978,786	\$ 66,610,421	\$ 1,178,333	\$ 11,433,908	\$ 9,954,727	\$ 84,550,173			
	kWh	708,947,935	\$ 21,255,300	\$ 168,321,630	\$ 1,200,204,202	\$ 14,502,362	\$ 222,709,692	\$ 7,776,523,852	\$ 33,831,311,891			

* The Lost Base Revenue calculation excludes the outdoor lighting rates (Rate OL and Rate EOL), the Customer/Meter charge revenue from each rate, and the on/off peak kWh associated with Rate B >= 115 kW under Rate LG.