

**STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION**

DE 22-081

ELECTRIC AND GAS UTILITIES

**2023 Adjustments to the Energy Efficiency Portion of System Benefits Charges
and Local Distribution Adjustment Charges**

**Order *Nisi* Approving Requests to Modify Energy Efficiency Portion of System
Benefits Charges and Local Distribution Adjustment Charges**

O R D E R N O. 26,745

December 14, 2022

In this order *nisi*, the Commission approves tariff change filings reflecting a 4.247 percent increase to the energy efficiency charge (EEC) collected by electric and natural gas utilities in New Hampshire. The General Court mandated this increase to the EEC. RSA 374-F:3, VI-a(d)(2), as amended. Under the law, the increase is calculated by the New Hampshire Department of Energy (DOE).

I. PROPOSED TARIFF CHANGES AND RATE IMPACTS

Pursuant to RSA 374-F, VI-a(d)(2), on December 1, 2022, Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty; Public Service Company of New Hampshire d/b/a Eversource Energy; Unitil Energy Systems, Inc.; Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty¹; and Northern Utilities, Inc. d/b/a Unitil (together, the Joint Utilities) filed tariff changes related to the EEC, for effect on January 1, 2023. Although not a rate regulated utility², the New Hampshire Electric Cooperative, Inc. (NHEC) also filed similar tariff changes.

¹ Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty re-filed its tariff changes on December 2, 2022.

² The NHEC is not a rate regulated utility, nevertheless it is subject to the commission's jurisdiction with regard to provisions of RSA ch. 374-F relating to energy efficiency. See RSA 374-F:4, XII.

The increase in the EEC, when strictly applied on the approved funding for 2022, will increase total energy efficiency funding by approximately \$2.7 million³, resulting in a total of approximately \$65.8 million in funding for energy efficiency programming and administration derived from the EEC in 2023.

The average residential electric ratepayer, using 7800 kilowatt-hours (kWh) per year, will experience an annual bill increase of approximately \$1.75 as a result of this change. This will result in a total annual EEC burden of \$42.84 in 2023. The average residential natural gas ratepayer of Northern Utilities, Inc. d/b/a Unitil and Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty, using 762 therms annually, will experience an annual bill increase of approximately \$1.61 and \$2.07, respectively, as a result of this change. This will result in a total annual EEC burden of \$39.64 and \$50.84 in 2023, respectively.

The electric distribution utilities' tariff changes reflect uniform increases to their respective EECs:

Electric Distribution Utility	Current EEC Rate (cents/kWh)	Proposed EEC Rate (cents/kWh)	Change (Percent)
Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty ⁴	0.528	0.550	4.247
New Hampshire Electric Cooperative, Inc.	0.528	0.550	4.247
Public Service Company of New Hampshire d/b/a Eversource Energy ⁵	0.528	0.550	4.247
Unitil Energy Systems, Inc. ⁶	0.528	0.550	4.247

³ This estimate does not account for any load changes relative to projected loads for 2022 in the 2022–2023 Energy Efficiency Plan filed in Docket No. DE 20-092, or for any changes to other funding sources for utility-administered energy efficiency programming.

⁴ In addition to the proposed change to the EE portion of the SBC, Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty's filing also reflects a previously approved change to its Lost Revenue Mechanism rate, a separate component of the SBC related to the provision of EE programming, from 0.1140 cents/kWh to 0.0000 cents per kWh for effect on January 1, 2023.

⁵ In addition to the proposed change to the EE portion of the SBC, Public Service Company of New Hampshire d/b/a Eversource Energy's filing also reflects a previously approved change to its Lost Base Revenue Adder, a separate component of the SBC related to the provision of EE programming, from 0.1850 cents/kWh to 0.2050 cents per kWh for effect on January 1, 2023.

⁶ In addition to the proposed change to the EE portion of the SBC, Unitil Energy Systems, Inc.'s filing also eliminates lost base revenue component rate, for effect on January 1, 2023.

The natural gas distribution utilities' tariff changes reflect company-specific increases to their respective EECs:

Natural Gas Distribution Utility	Customer Class	Current EEC Rate (cents/therm)	Proposed EEC Rate (cents/therm)	Change (Percent)
Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty	Residential C&I	6.40	6.67	4.247
		4.26	4.44	
Northern Utilities, Inc. d/b/a Unitil	Residential C&I	4.99	5.20	4.247
		2.47	2.57	

Each utility's respective tariff change request is posted to the Commission's website at:

<https://www.puc.nh.gov/Regulatory/Docketbk/2022/22-081.html>.

II. COMMISSION ANALYSIS

Pursuant to RSA 374-F:3, VI-a(d)(2), as amended, the General Court set the EEC portion of SBC (electric) and LDAC (gas) rates for calendar year 2022. The General Court further directed the EEC must adjust annually beginning January 1, 2023. *Id.* The annual adjustment to the EEC is calculated by the DOE based on the most recently available 3-year average of the consumer price index as published by the Bureau of Labor Statistics of the United States Department of Labor, plus 0.25 percent. *Id.* Beginning this year, all rate regulated utilities are required to submit tariff amendments altering solely the EEC portion of the SBC or LDAC on December 1 each year for the upcoming year thereafter. *Id.*

N.H. Code Admin. R. PART Puc 1605 applies to tariff changes outside of full rate cases. The Commission construes the Joint Utilities' filings as Puc PART 1605 filings and does not invoke Puc PART 1604. The Commission's role in approving these

tariff changes is therefore limited to ensuring the proposed tariff changes are consistent with RSA 374-F:3, VI-a(d)(2) and Puc 1605.03's publication requirements.

Pursuant to RSA 374-F:3, VI-a(d)(2), the DOE is required to calculate the appropriate inflation adjustment. The Joint Utilities have proposed a uniform increase to their respective EECs of 4.247 percent. We therefore condition this order *nisi* on the DOE filing a technical statement verifying that it calculated the inflation adjustment of 4.247 percent, and that inflation adjustment it calculated was accurately applied by the Joint Utilities.

We note that Puc 1605.03's publication requirements include publication of the Commission's order of notice in a newspaper of general circulation at least 14 days before the effective date of a new rate. *See* Puc 1605.03 and 1604.03. The applicable statutory deadlines make these provisions onerous, inapplicable, or both; therefore, the Commission acts of its own motion to waive Puc 1605.03 because we find that waiver serves the public interest and will not disrupt the orderly and efficient resolution of these matters. *See* Puc 201.05. In lieu of newspaper publication, the Commission directs the customer notice requirements be met by the publication of tariff pages and this order *nisi* by the Joint Utilities on their respective websites.

The Commission notes that Northern Utilities, Inc. d/b/a Unitil's tariff pages filed in this matter appear to unintentionally exclude pages 86 and 88; we direct that these pages be included in Northern Utilities, Inc. d/b/a Unitil's tariff pages published in compliance with this order *nisi*.

Based upon the foregoing, it is hereby

ORDERED *NISI*, that subject to the effective date below, the Joint Utilities' tariff changes increasing the System Benefits Charges and Local Distribution Adjustment Charges pursuant to RSA 374-F:3, VI-a(d)(2) are **APPROVED**; and it is

FURTHER ORDERED, that the Joint Utilities post their respective new tariff provisions and a copy of this order *nisi* on their respective websites no later than December 16, 2022, such posting to be documented by affidavit filed with the Commission on or before December 20, 2022; and it is

FURTHER ORDERED, that a copy of this order *nisi* be posted on the Commission's website within two business days; and it is

FURTHER ORDERED, that the New Hampshire Department of Energy verify, by filing a technical statement with the Commission on or before December 20, 2022, that it calculated an inflation adjustment pursuant to RSA 374-F:3, VI-a(d)(2) and its calculated adjustment was accurately applied by the Joint Utilities; and it is

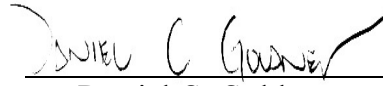
FURTHER ORDERED, that all persons interested in responding to this order may submit their comments or file a written request for a hearing which states the reason and basis for a hearing no later than December 27, 2022 for the Commission's consideration; and it is

FURTHER ORDERED, that any party interested in responding to comments or requests for hearing shall do so no later than December 29, 2022; and it is

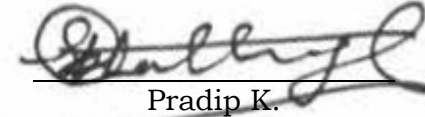
FURTHER ORDERED, that this order shall be effective January 1, 2023 at 12:01 a.m., unless any publication or filing obligation set forth above is not complied with or the Commission provides otherwise in a supplemental order issued prior to the effective date; and it is

FURTHER ORDERED, that the Joint Utilities file compliance tariff pages with the Commission on or before January 15, 2023, in accordance with N.H. Code Admin. Rules Puc 1603.02(b); the New Hampshire Electric Cooperative, Inc. is permitted but not required to make such a compliance filing.

By order of the Public Utilities Commission of New Hampshire this fourteenth day of December, 2022.



Daniel C. Goldner
Chairman



Pradip K.
Chattopadhyay
Commissioner

Service List - Docket Related

Docket#: 22-081

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1	Thirty-sixth Revised
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DATED: December 2, 2022

EFFECTIVE: January 1, 2023

ISSUED BY: /s/Neil Proudman

Neil Proudman

TITLE: President

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DATED: December 2, 2022

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: January 1, 2023

TITLE: President

Authorized by NHPUC Order No. 26,676 dated August 31, 2021, in Docket No. DG 22-028, NHPUC Order No. 26,579 dated February 10, 2022, in Docket No. DE 20-092 and RSA 374-F:3, VI-a (d)(2)

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86	Original
87	Eighteenth Revised
88	Twenty-first Revised
89	Eighteenth Revised

DATED: December 2, 2022

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: January 1, 2023

TITLE: President

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DATED: December 2, 2022

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: January 1, 2023

TITLE: President

and any other expenses the NHPUC may approve from time to time. The purpose of the Normal Weather Adjustment (“NWA”) is to establish procedures that allow the Company, subject to the jurisdiction of NHPUC, to calculate and apply, for each customer on a monthly basis, the Normal Weather Factor (“NWF”).

B. Applicability. This Charge shall be applicable in whole or part to all of the Company's firm sales service and firm delivery service customers. The application of this charge may, for good cause shown, be modified by the NHPUC. See Section 19(K) “Other Rules.” _____ This Charge is applicable to all rates and charges on a Rate Class basis. The application of the CC, RDAF, ES, RCE and GAP is applicable to all therms and therefore the application to all customers, including Managed Expansion Program Customers, is at the same rate per therm as the corresponding non-Managed Expansion Program Customers.

C. Conservation Charges Allowable for LDAC.

1. Purpose: The purpose of this provision is to establish a procedure that allows the Company, subject to the jurisdiction of the NHPUC, to adjust, on an annual basis, the Conservation Charge, if and when applicable, to firm sales service and firm delivery service throughput in order to recover from firm customers costs associated with its energy efficiency management programs.
2. Applicability: A conservation charge shall be applied to therms sold or transported by the Company subject to the jurisdiction of the Commission as determined in accordance with the provision of this rate schedule. Such conservation charge shall be determined annually by the Company, separately for the Residential Heating, and Commercial/Industrial rate categories, subject to review and approval by the Commission as provided for in this rate schedule.
3. Calculation of Conservation Charge: The Conservation Charge shall be recovered through the LDAC and set at a level in accordance with Order No. 26,579 in Docket No. DE 20-092 Electric and Gas Utilities 2021-2023 New Hampshire Statewide Energy Efficiency Plan and adjusted annually per RSA 374-F:3, VI-a (d)(2).
4. Reporting: The Company shall submit annual reports to the Commission reconciling any difference between the actual conservation expenditures and actual revenues collected under this rate schedule. The difference whether positive or negative will be carried forward into the conservation charge for the next recovery period. Upon completion of the conservation program(s), any over or under collection may be credited or charged to the deferred Winter Period cost of gas account, subject to Commission approval.
5. Effective Date: On or before the first business day in September of each year, the Company shall file with the NHPUC for its consideration and approval, the Company’s request for a change in the CC applicable to each Rate Category during the next subsequent twelve-month period commencing with the calendar month of November.

DATED: December 2, 2022

ISSUED BY: /s/Neil Proudman

EFFECTIVE: January 1, 2023

Neil Proudman
TITLE: President

22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

II RATE SCHEDULES

	<u>Rates Effective January 1, 2023 - April 30, 2023</u>				<u>Rates Effective May 1, 2023 - October 31, 2023</u>			
	<u>Winter Period</u>				<u>Summer Period</u>			
	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 95</u>	<u>LDAC Page 101</u>	<u>Total Rate</u>	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 92</u>	<u>LDAC Page 101</u>	<u>Total Rate</u>
<u>Residential Non Heating - R-1</u>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
All therms	\$ 0.5129	\$ 1.2551	\$ 0.1113	\$ 1.8793	\$ 0.5129	\$ 1.0269	\$ 0.1113	\$ 1.6511
<u>Residential Heating - R-3</u>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
Therms in the first block per month at	\$ 0.6519	\$ 1.2551	\$ 0.1113	\$ 2.0183	\$ 0.6519	\$ 1.0269	\$ 0.1113	\$ 1.7901
<u>Residential Heating - R-4</u>								
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47	\$ 15.39			\$ 15.39
Therms in the first block per month at	\$ 0.3585	\$ 0.6903	\$ 0.1113	\$ 1.1601	\$ 0.6519	\$ 1.0269	\$ 0.1113	\$ 1.7901
<u>Commercial/Industrial - G-41</u>								
Customer Charge per Month per Meter	\$ 63.30			\$ 63.30	\$ 63.30			\$ 63.30
Size of the first block	100 Therms				20 Therms			
Therms in the first block per month at	\$ 0.5088	\$ 1.2552	\$ 0.0890	\$ 1.8530	\$ 0.5088	\$ 1.0271	\$ 0.0890	\$ 1.6249
All therms over the first block per month at	\$ 0.3550	\$ 1.2552	\$ 0.0890	\$ 1.6992	\$ 0.3550	\$ 1.0271	\$ 0.0890	\$ 1.4711
<u>Commercial/Industrial - G-42</u>								
Customer Charge per Month per Meter	\$ 189.84			\$ 189.84	\$ 189.84			\$ 189.84
Size of the first block	1000 Therms				400 Therms			
Therms in the first block per month at	\$ 0.4634	\$ 1.2552	\$ 0.0890	\$ 1.8076	\$ 0.4634	\$ 1.0271	\$ 0.0890	\$ 1.5795
All therms over the first block per month at	\$ 0.3212	\$ 1.2552	\$ 0.0890	\$ 1.6654	\$ 0.3212	\$ 1.0271	\$ 0.0890	\$ 1.4373
<u>Commercial/Industrial - G-43</u>								
Customer Charge per Month per Meter	\$ 811.98			\$ 811.98	\$ 811.98			\$ 811.98
All therms over the first block per month at	\$ 0.2863	\$ 1.2552	\$ 0.0890	\$ 1.6305	\$ 0.1441	\$ 1.0271	\$ 0.0890	\$ 1.2602
<u>Commercial/Industrial - G-51</u>								
Customer Charge per Month per Meter	\$ 63.38			\$ 63.38	\$ 63.38			\$ 63.38
Size of the first block	100 Therms				100 Therms			
Therms in the first block per month at	\$ 0.3070	\$ 1.2547	\$ 0.0890	\$ 1.6507	\$ 0.3070	\$ 1.0266	\$ 0.0890	\$ 1.4226
All therms over the first block per month at	\$ 0.2084	\$ 1.2547	\$ 0.0890	\$ 1.5521	\$ 0.2084	\$ 1.0266	\$ 0.0890	\$ 1.3240
<u>Commercial/Industrial - G-52</u>								
Customer Charge per Month per Meter	\$ 189.57			\$ 189.57	\$ 189.57			\$ 189.57
Size of the first block	1000 Therms				1000 Therms			
Therms in the first block per month at	\$ 0.2647	\$ 1.2547	\$ 0.0890	\$ 1.6084	\$ 0.1978	\$ 1.0266	\$ 0.0890	\$ 1.3134
All therms over the first block per month at	\$ 0.1836	\$ 1.2547	\$ 0.0890	\$ 1.5273	\$ 0.1219	\$ 1.0266	\$ 0.0890	\$ 1.2375
<u>Commercial/Industrial - G-53</u>								
Customer Charge per Month per Meter	\$ 838.52			\$ 838.52	\$ 838.52			\$ 838.52
All therms over the first block per month at	\$ 0.1851	\$ 1.2547	\$ 0.0890	\$ 1.5288	\$ 0.0968	\$ 1.0266	\$ 0.0890	\$ 1.2124
<u>Commercial/Industrial - G-54</u>								
Customer Charge per Month per Meter	\$ 839.19			\$ 839.19	\$ 839.19			\$ 839.19
All therms over the first block per month at	\$ 0.0705	\$ 1.2547	\$ 0.0890	\$ 1.4142	\$ 0.0409	\$ 1.0266	\$ 0.0890	\$ 1.1565

DATED: December 2, 2022

EFFECTIVE: January 1, 2023

ISSUED BY: /s/Neil Proudman

Neil Proudman

TITLE: President

23 FIRM RATE SCHEDULES - KEENE CUSTOMERS

II RATE SCHEDULES

	<u>Rates Effective January 1, 2023 - April 30, 2023</u>				<u>Rates Effective May 1, 2023 - October 31, 2023</u>			
	<u>Winter Period</u>				<u>Summer Period</u>			
	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 95</u>	<u>LDAC Page 101</u>	<u>Total Rate</u>	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 92</u>	<u>LDAC Page 101</u>	<u>Total Rate</u>
<u>Residential Non Heating - R-1</u>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
All therms	\$ 0.5129	\$ 2.1118	\$ 0.1113	\$ 2.7360	\$ 0.5129	\$ 1.9203	\$ 0.1113	\$ 2.5445
<u>Residential Heating - R-3</u>								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
Therms in the first block per month at	\$ 0.6519	\$ 2.1118	\$ 0.1113	\$ 2.8750	\$ 0.6519	\$ 1.9203	\$ 0.1113	\$ 2.6835
<u>Residential Heating - R-4</u>								
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47	\$ 15.39			\$ 15.39
Therms in the first block per month at	\$ 0.3585	\$ 1.1615	\$ 0.1113	\$ 1.6313	\$ 0.6519	\$ 1.9203	\$ 0.1113	\$ 2.6835
<u>Commercial/Industrial - G-41</u>								
Customer Charge per Month per Meter	\$ 63.30			\$ 63.30	\$ 63.30			\$ 63.30
Size of the first block	100 Therms				20 Therms			
Therms in the first block per month at	\$ 0.5088	\$ 2.1118	\$ 0.0890	\$ 2.7096	\$ 0.5088	\$ 1.9203	\$ 0.0890	\$ 2.5181
All therms over the first block per month at	\$ 0.3550	\$ 2.1118	\$ 0.0890	\$ 2.5558	\$ 0.3550	\$ 1.9203	\$ 0.0890	\$ 2.3643
<u>Commercial/Industrial - G-42</u>								
Customer Charge per Month per Meter	\$ 189.84			\$ 189.84	\$ 189.84			\$ 189.84
Size of the first block	1000 Therms				400 Therms			
Therms in the first block per month at	\$ 0.4634	\$ 2.1118	\$ 0.0890	\$ 2.6642	\$ 0.4634	\$ 1.9203	\$ 0.0890	\$ 2.4727
All therms over the first block per month at	\$ 0.3212	\$ 2.1118	\$ 0.0890	\$ 2.5220	\$ 0.3212	\$ 1.9203	\$ 0.0890	\$ 2.3305
<u>Commercial/Industrial - G-43</u>								
Customer Charge per Month per Meter	\$ 811.98			\$ 811.98	\$ 811.98			\$ 811.98
All therms over the first block per month at	\$ 0.2863	\$ 2.1118	\$ 0.0890	\$ 2.4871	\$ 0.1441	\$ 1.9203	\$ 0.0890	\$ 2.1534
<u>Commercial/Industrial - G-51</u>								
Customer Charge per Month per Meter	\$ 63.38			\$ 63.38	\$ 63.38			\$ 63.38
Size of the first block	100 Therms				100 Therms			
Therms in the first block per month at	\$ 0.3070	\$ 2.1118	\$ 0.0890	\$ 2.5078	\$ 0.3070	\$ 1.9203	\$ 0.0890	\$ 2.3163
All therms over the first block per month at	\$ 0.2084	\$ 2.1118	\$ 0.0890	\$ 2.4092	\$ 0.2084	\$ 1.9203	\$ 0.0890	\$ 2.2177
<u>Commercial/Industrial - G-52</u>								
Customer Charge per Month per Meter	\$ 189.57			\$ 189.57	\$ 189.57			\$ 189.57
Size of the first block	1000 Therms				1000 Therms			
Therms in the first block per month at	\$ 0.2647	\$ 2.1118	\$ 0.0890	\$ 2.4655	\$ 0.1978	\$ 1.9203	\$ 0.0890	\$ 2.2071
All therms over the first block per month at	\$ 0.1836	\$ 2.1118	\$ 0.0890	\$ 2.3844	\$ 0.1219	\$ 1.9203	\$ 0.0890	\$ 2.1312
<u>Commercial/Industrial - G-53</u>								
Customer Charge per Month per Meter	\$ 838.52			\$ 838.52	\$ 838.52			\$ 838.52
All therms over the first block per month at	\$ 0.1851	\$ 2.1118	\$ 0.0890	\$ 2.3859	\$ 0.0968	\$ 1.9203	\$ 0.0890	\$ 2.1061
<u>Commercial/Industrial - G-54</u>								
Customer Charge per Month per Meter	\$ 839.19			\$ 839.19	\$ 839.19			\$ 839.19
All therms over the first block per month at	\$ 0.0705	\$ 2.1118	\$ 0.0890	\$ 2.2713	\$ 0.0409	\$ 1.9203	\$ 0.0890	\$ 2.0502

DATED: December 2, 2022

ISSUED BY: /s/Neil Proudman

EFFECTIVE: January 1, 2023

Neil Proudman
TITLE: President

24 FIRM RATE SCHEDULES – MANAGED EXPANSION PROGRAM - EXCLUDING KEENE CUSTOMERS

II RATE SCHEDULES

	Rates Effective January 1, 2023 - April 30, 2023 Winter Period				Rates Effective May 1, 2023 - October 31, 2023 Summer Period			
	Delivery Charge	Cost of Gas Rate Page 95	LDAC Page 101	Total Rate	Delivery Charge	Cost of Gas Rate Page 92	LDAC Page 101	Total Rate
<u>Residential Non Heating - R-5</u>								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
All therms	\$ 0.6668	\$ 1.2551	\$ 0.1113	\$ 2.0332	\$ 0.6668	\$ 1.0269	\$ 0.1113	\$ 1.8050
<u>Residential Heating - R-6</u>								
Customer Charge per Month per Meter	\$ 20.01			\$ 20.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.8475	\$ 1.2551	\$ 0.1113	\$ 2.2139	\$ 0.8475	\$ 1.0269	\$ 0.1113	\$ 1.9857
<u>Residential Heating - R-7</u>								
Customer Charge per Month per Meter	\$ 11.01			\$ 11.01	\$ 20.01			\$ 20.01
Therms in the first block per month at	\$ 0.4661	\$ 0.6903	\$ 0.1113	\$ 1.2677	\$ 0.8475	\$ 1.0269	\$ 0.1113	\$ 1.9857
<u>Commercial/Industrial - G-44</u>								
Customer Charge per Month per Meter	\$ 82.29			\$ 82.29	\$ 82.29			\$ 82.29
Size of the first block	100 Therms				20 Therms			
Therms in the first block per month at	\$ 0.6614	\$ 1.2552	\$ 0.0890	\$ 2.0056	\$ 0.6614	\$ 1.0271	\$ 0.0890	\$ 1.7775
All therms over the first block per month at	\$ 0.4614	\$ 1.2552	\$ 0.0890	\$ 1.8056	\$ 0.4614	\$ 1.0271	\$ 0.0890	\$ 1.5775
<u>Commercial/Industrial - G-45</u>								
Customer Charge per Month per Meter	\$ 246.78			\$ 246.78	\$ 246.78			\$ 246.78
Size of the first block	1000 Therms				400 Therms			
Therms in the first block per month at	\$ 0.6023	\$ 1.2552	\$ 0.0890	\$ 1.9465	\$ 0.6023	\$ 1.0271	\$ 0.0890	\$ 1.7184
All therms over the first block per month at	\$ 0.4175	\$ 1.2552	\$ 0.0890	\$ 1.7617	\$ 0.4175	\$ 1.0271	\$ 0.0890	\$ 1.5336
<u>Commercial/Industrial - G-46</u>								
Customer Charge per Month per Meter	\$ 1,055.58			\$ 1,055.58	\$ 1,055.58			\$ 1,055.58
All therms over the first block per month at	\$ 0.3722	\$ 1.2552	\$ 0.0890	\$ 1.7164	\$ 0.1873	\$ 1.0271	\$ 0.0890	\$ 1.3034
<u>Commercial/Industrial - G-55</u>								
Customer Charge per Month per Meter	\$ 82.39			\$ 82.39	\$ 82.39			\$ 82.39
Size of the first block	100 Therms				100 Therms			
Therms in the first block per month at	\$ 0.3992	\$ 1.2547	\$ 0.0890	\$ 1.7429	\$ 0.3992	\$ 1.0266	\$ 0.0890	\$ 1.5148
All therms over the first block per month at	\$ 0.2710	\$ 1.2547	\$ 0.0890	\$ 1.6147	\$ 0.2710	\$ 1.0266	\$ 0.0890	\$ 1.3866
<u>Commercial/Industrial - G-56</u>								
Customer Charge per Month per Meter	\$ 246.43			\$ 246.43	\$ 246.43			\$ 246.43
Size of the first block	1000 Therms				1000 Therms			
Therms in the first block per month at	\$ 0.3442	\$ 1.2547	\$ 0.0890	\$ 1.6879	\$ 0.2572	\$ 1.0266	\$ 0.0890	\$ 1.3728
All therms over the first block per month at	\$ 0.2387	\$ 1.2547	\$ 0.0890	\$ 1.5824	\$ 0.1585	\$ 1.0266	\$ 0.0890	\$ 1.2741
<u>Commercial/Industrial - G-57</u>								
Customer Charge per Month per Meter	\$ 1,090.08			\$ 1,090.08	\$ 1,090.08			\$ 1,090.08
All therms over the first block per month at	\$ 0.2407	\$ 1.2547	\$ 0.0890	\$ 1.5844	\$ 0.1259	\$ 1.0266	\$ 0.0890	\$ 1.2415
<u>Commercial/Industrial - G-58</u>								
Customer Charge per Month per Meter	\$ 1,090.95			\$ 1,090.95	\$ 1,090.95			\$ 1,090.95
All therms over the first block per month at	\$ 0.0916	\$ 1.2547	\$ 0.0890	\$ 1.4353	\$ 0.0531	\$ 1.0266	\$ 0.0890	\$ 1.1687

DATED: December 2, 2022

ISSUED BY: /s/Neil Proudman

EFFECTIVE: January 1, 2023

Neil Proudman
TITLE: President

36 LOCAL DISTRIBUTION ADJUSTMENT CHARGE CALCULATION

Local Delivery Adjustment Charge Calculation

	<u>Sales</u>	<u>Transportation</u>
	<u>Customers</u>	<u>Customers</u>
<u>Residential Non Heating Rates - R-1</u>		
Energy Efficiency Charge	0.0667	
Demand Side Management Charge	0.0000	
Conservation Charge (CCx)	0.0667	
Relief Holder and pond at Gas Street, Concord, NH	0.0000	
Manufactured Gas Plants	<u>0.0076</u>	
Environmental Surcharge (ES)	0.0076	
Revenue Decoupling Adjustment Factor (RDAF)	0.0000	
Property Tax Adjustment Mechanism (PTAM)	0.0124	
Rate Case Expense Factor (RCEF)	0.0044	
Gas Assistance Program (GAP)	<u>0.0203</u>	
LDAC	0.1113	per therm
<u>Residential Heating Rates - R-3, R-4, R-6, R-7</u>		
Energy Efficiency Charge	0.0667	
Demand Side Management Charge	<u>0.0000</u>	
Conservation Charge (CCx)	0.0667	
Relief Holder and pond at Gas Street, Concord, NH	0.0000	
Manufactured Gas Plants	<u>0.0076</u>	
Environmental Surcharge (ES)	0.0076	
Revenue Decoupling Adjustment Factor (RDAF)	0.0000	
Property Tax Adjustment Mechanism (PTAM)	0.0124	
Rate Case Expense Factor (RCEF)	0.0044	
Gas Assistance Program (GAP)	<u>0.0203</u>	
LDAC	0.1113	per therm
<u>Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55</u>		
Energy Efficiency Charge	0.0444	
Demand Side Management Charge	<u>0.0000</u>	
Conservation Charge (CCx)	0.0444	0.0444
Relief Holder and pond at Gas Street, Concord, NH	0.0000	
Manufactured Gas Plants	<u>0.0076</u>	
Environmental Surcharge (ES)	0.0076	0.0076
Revenue Decoupling Adjustment Factor (RDAF)	0.0000	0.0000
Property Tax Adjustment Mechanism (PTAM)	0.0124	0.0124
Rate Case Expense Factor (RCEF)	0.0044	0.0044
Gas Assistance Program (GAP)	<u>0.0203</u>	<u>0.0203</u>
LDAC	0.0890	0.0890 per therm
<u>Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56</u>		
Energy Efficiency Charge	0.0444	
Demand Side Management Charge	<u>0.0000</u>	
Conservation Charge (CCx)	0.0444	0.0444
Relief Holder and pond at Gas Street, Concord, NH	0.0000	
Manufactured Gas Plants	<u>0.0076</u>	
Environmental Surcharge (ES)	0.0076	0.0076
Revenue Decoupling Adjustment Factor (RDAF)	0.0000	0.0000
Property Tax Adjustment Mechanism (PTAM)	0.0124	0.0124
Rate Case Expense Factor (RCEF)	0.0044	0.0044
Gas Assistance Program (GAP)	<u>0.0203</u>	<u>0.0203</u>
LDAC	0.0890	0.0890 per therm
<u>Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54, G-46, G-56, G-57, G-58</u>		
Energy Efficiency Charge	0.0444	
Demand Side Management Charge	<u>0.0000</u>	
Conservation Charge (CCx)	0.0444	0.0444
Relief Holder and pond at Gas Street, Concord, NH	0.0000	
Manufactured Gas Plants	<u>0.0076</u>	
Environmental Surcharge (ES)	0.0076	0.0076
Revenue Decoupling Adjustment Factor (RDAF)	0.0000	0.0000
Property Tax Adjustment Mechanism (PTAM)	0.0124	0.0124
Rate Case Expense Factor (RCEF)	0.0044	0.0044
Gas Assistance Program (GAP)	<u>0.0203</u>	<u>0.0203</u>
LDAC	0.0890	0.0890 per therm

DATED: December 2, 2022

ISSUED BY: /s/Neil Proudman

EFFECTIVE: January 1, 2023

Neil Proudman
TITLE: President

RATES EFFECTIVE JANUARY 1, 2023
FOR USAGE ON AND AFTER JANUARY 1, 2023

Rate	Blocks	Distribution Charge	REP/VMP	Net Distribution Charge	Transmission Charge	Stranded Cost Charge	Storm Recovery Adjustment Factor	System Benefits Charge	Electricity Consumption Tax	Total Delivery Service	Energy Service	Total Rate	
D	Customer Charge	\$ 14.74		14.74						14.74		\$ 14.74	
	All kWh	\$ 0.05856	0.00001	0.05857	0.03635	(0.00051)	-	0.00700	-	0.10141	0.22228	\$ 0.32369	
Off Peak Water Heating Use 16 Hour Control ¹	All kWh	\$ 0.05056	0.00001	0.05057	0.03635	(0.00051)	-	0.00700	-	0.09341	0.22228	\$ 0.31569	
Off Peak Water Heating Use 6 Hour Control ¹	All kWh	\$ 0.05150	0.00001	0.05151	0.03635	(0.00051)	-	0.00700	-	0.09435	0.22228	\$ 0.31663	
Farm ¹	All kWh	\$ 0.05527	0.00001	0.05528	0.03635	(0.00051)	-	0.00700	-	0.09812	0.22228	\$ 0.32040	
D-10	Customer Charge	\$ 14.74		14.74						14.74		\$ 14.74	
	On Peak kWh	\$ 0.12447	0.00001	0.12448	0.02338	(0.00051)	-	0.00700	-	0.15435	0.22228	\$ 0.37663	
	Off Peak kWh	\$ 0.00167	0.00001	0.00168	0.02338	(0.00051)	-	0.00700	-	0.03155	0.22228	\$ 0.25383	
G-1	Customer Charge	\$ 435.18		435.18						435.18		\$ 435.18	
	Demand Charge	\$ 9.22		9.22						9.22		\$ 9.22	
	On Peak kWh	\$ 0.00590	0.00001	0.00591	0.02492	(0.00051)	-	0.00700	-	0.03732			
											Effective 8/1/22, usage on or after	0.18587 \$ 0.22319	
											Effective 9/1/22, usage on or after	0.16081 \$ 0.19813	
											Effective 10/1/22, usage on or after	0.15134 \$ 0.18866	
											Effective 11/1/22, usage on or after	0.19864 \$ 0.23596	
											Effective 12/1/22, usage on or after	0.34354 \$ 0.38086	
											Effective 1/1/23, usage on or after	0.41240 \$ 0.44972	
	Off Peak kWh	\$ 0.00174	0.00001	0.00175	0.02492	(0.00051)	-	0.00700	-	0.03316			
											Effective 8/1/22, usage on or after	0.18587 \$ 0.21903	
											Effective 9/1/22, usage on or after	0.16081 \$ 0.19397	
											Effective 10/1/22, usage on or after	0.15134 \$ 0.18450	
											Effective 11/1/22, usage on or after	0.19864 \$ 0.23180	
											Effective 12/1/22, usage on or after	0.34354 \$ 0.37670	
											Effective 1/1/23, usage on or after	0.41240 \$ 0.44556	
G-2	Customer Charge	\$ 72.52		72.52						72.52		\$ 72.52	
	Demand Charge	\$ 9.27		9.27						9.27		\$ 9.27	
	All kWh	\$ 0.00233	0.00001	0.00234	0.02529	(0.00051)	-	0.00700	-	0.03412			
											Effective 8/1/22, usage on or after	0.18587 \$ 0.21999	
											Effective 9/1/22, usage on or after	0.16081 \$ 0.19493	
											Effective 10/1/22, usage on or after	0.15134 \$ 0.18546	
											Effective 11/1/22, usage on or after	0.19864 \$ 0.23276	
											Effective 12/1/22, usage on or after	0.34354 \$ 0.37766	
											Effective 1/1/23, usage on or after	0.41240 \$ 0.44652	
G-3	Customer Charge	\$ 16.66		16.66						16.66		\$ 16.66	
	All kWh	\$ 0.05282	0.00001	0.05283	0.03014	(0.00051)	-	0.00700	-	0.08946	0.22228	\$ 0.31174	
T	Customer Charge	\$ 14.74		14.74						14.74		\$ 14.74	
	All kWh	\$ 0.04743	0.00001	0.04744	0.02615	(0.00051)	-	0.00700	-	0.08008	0.22228	\$ 0.30236	
V	Minimum Charge	\$ 16.66		16.66						16.66		\$ 16.66	
	All kWh	\$ 0.05433	0.00001	0.05434	0.03003	(0.00051)	-	0.00700	-	0.09086	0.22228	\$ 0.31314	
D-11	Customer Charge	\$14.74		\$14.74								\$14.74	
	Monday through Friday												
	Off Peak	\$0.03948	\$0.00001	\$0.03949	(\$0.00291)	(\$0.00051)	-	\$0.00700	-	\$0.04307	\$0.19962	\$0.24269	
	Mid Peak	\$0.05918	\$0.00001	\$0.05919	\$0.00115	(\$0.00051)	-	\$0.00700	-	\$0.06683	\$0.22710	\$0.29393	
	Critical Peak	\$0.08426	\$0.00001	\$0.08427	\$0.24841	(\$0.00051)	-	\$0.00700	-	\$0.33917	\$0.23582	\$0.57499	
	Saturday through Sunday and Holidays: Mid Peak 8a - 8p, Off Peak 8p - 8a												

¹ Rate is a subset of Domestic Rate D

Dated: December 1, 2022
Effective: January 1, 2023

Issued by: /s/Neil Proudman
Neil Proudman
Title: President

RATES EFFECTIVE JANUARY 1, 2023
FOR USAGE ON AND AFTER JANUARY 1, 2023

Rate	Blocks	Distribution Charge	REP/VMP	Net Distribution Charge	Transmission Charge	Stranded Cost Charge	Storm Recovery Adjustment Factor	System Benefits Charge	Electricity Consumption Tax	Total Delivery Service	Energy Service	Total Rate
	Customer Charge	\$11.35		\$11.35								\$11.35
	Monday through Friday											
Rate EV	Off Peak	\$0.03948	\$0.00001	\$0.03949	(\$0.00291)	(\$0.00051)	-	\$0.00700	-	\$0.04307	\$0.19962	\$0.24269
	Mid Peak	\$0.05918	\$0.00001	\$0.05919	\$0.00115	(\$0.00051)	-	\$0.00700	-	\$0.06683	\$0.22710	\$0.29393
	Critical Peak	\$0.08426	\$0.00001	\$0.08427	\$0.24841	(\$0.00051)	-	\$0.00700	-	\$0.33917	\$0.23582	\$0.57499
	Saturday through Sunday and Holidays: Mid Peak 8a - 8p, Off Peak 8p - 8a											
	Customer Charge	\$435.18		\$435.18								\$435.18
	Demand Charge	\$4.61		\$4.61								\$4.61
	Monday through Friday											
Rate EV-L	Off Peak	\$0.02732	\$0.00001	\$0.02733	\$0.00274	(\$0.00051)	-	\$0.00700	-	\$0.03656	\$0.13843	\$0.17499
	Mid Peak	\$0.02936	\$0.00001	\$0.02937	\$0.00337	(\$0.00051)	-	\$0.00700	-	\$0.03923	\$0.14360	\$0.18283
	Critical Peak	\$0.03419	\$0.00001	\$0.03420	\$0.15540	(\$0.00051)	-	\$0.00700	-	\$0.19609	\$0.17805	\$0.37414
	Saturday through Sunday and Holidays: Mid Peak 8a - 8p, Off Peak 8p - 8a											
	Customer Charge	\$72.52		\$72.52								\$72.52
	Demand Charge	\$4.64		\$4.64								\$4.64
	Monday through Friday											
Rate EV-M	Off Peak	\$0.03879	\$0.00001	\$0.03880	\$0.00313	(\$0.00051)	-	\$0.00700	-	\$0.04842	\$0.13857	\$0.18699
	Mid Peak	\$0.04010	\$0.00001	\$0.04011	\$0.00371	(\$0.00051)	-	\$0.00700	-	\$0.05031	\$0.14335	\$0.19366
	Critical Peak	\$0.04590	\$0.00001	\$0.04591	\$0.16783	(\$0.00051)	-	\$0.00700	-	\$0.22023	\$0.17796	\$0.39819
	Saturday through Sunday and Holidays: Mid Peak 8a - 8p, Off Peak 8p - 8a											
	<u>Luminaire Charge</u>											
	HPS 4,000	\$8.53		\$8.53								\$8.53
	HPS 9,600	\$9.86		\$9.86								\$9.86
	HPS 27,500	\$16.37		\$16.37								\$16.37
	HPS 50,000	\$20.36		\$20.36								\$20.36
	HPS 9,600 (Post Top)	\$11.57		\$11.57								\$11.57
	HPS 27,500 Flood	\$16.54		\$16.54								\$16.54
M	HPS 50,000 Flood	\$22.09		\$22.09								\$22.09
	Incandescent 1,000	\$10.95		\$10.95								\$10.95
	Mercury Vapor 4,000	\$7.57		\$7.57								\$7.57
	Mercury Vapor 8,000	\$8.50		\$8.50								\$8.50
	Mercury Vapor 22,000	\$15.20		\$15.20								\$15.20
	Mercury Vapor 63,000	\$25.69		\$25.69								\$25.69
	Mercury Vapor 22,000 Flood	\$17.39		\$17.39								\$17.39
	Mercury Vapor 63,000 Flood	\$33.70		\$33.70								\$33.70
	<u>Luminaire Charge</u>											
	30 Watt Pole Top	\$5.53		\$5.53								\$5.53
	50 Watt Pole Top	\$5.77		\$5.77								\$5.77
	130 Watt Pole Top	\$8.90		\$8.90								\$8.90
LED-1	190 Watt Pole Top	\$17.06		\$17.06								\$17.06
	30 Watt URD	\$12.89		\$12.89								\$12.89
	90 Watt Flood	\$8.76		\$8.76								\$8.76
	130 Watt Flood	\$10.08		\$10.08								\$10.08
	30 Watt Caretaker	\$4.96		\$4.96								\$4.96
	Pole -Wood	\$9.66		\$9.66								\$9.66
	Fiberglass - Direct Embedded	\$10.06		\$10.06								\$10.06
Poles	Fiberglass w/Foundation <25 ft	\$16.98		\$16.98								\$16.98
	Fiberglass w/Foundation >=25 ft	\$28.39		\$28.39								\$28.39
	Metal Poles - Direct Embedded	\$20.24		\$20.24								\$20.24
	Metal Poles with Foundation	\$24.42		\$24.42								\$24.42
M/LED-1/LED-2	All kWh	\$0.04063	\$0.00001	\$0.04064	\$0.01928	(\$0.00052)	\$0.00000	\$0.00700	\$0.00000	\$0.06640	\$0.22228	\$0.28868

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