STATE OF NEW HAMPSHIRE
PUBLIC UTILITIES COMMISSION

DG 20-105

LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP. d/b/a LIBERTY

Request for Change in Rates

SETTLEMENT AGREEMENT ON RATE CASE EXPENSES

This Settlement Agreement on Rate Case Expenses ("Settlement Agreement") is entered into this 19th day of April 2023, by and among Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty ("Liberty" or the "Company") and the Department of Energy ("DOE"). This Settlement Agreement resolves all remaining issues among the Settling Parties regarding the Company's request to recover rate case expenses in this docket.

INTRODUCTION AND PROCEDURAL HISTORY

1. On August 30, 2021, Liberty filed a Motion for Recovery of Rate Case Expenses, seeking authority to collect $856,865 of actual and estimated rate case expenses through its Local Distribution Adjustment Charge (LDAC) beginning November 1, 2021. This amount had been agreed to in the settlement agreement that the Commission approved, in part, in Order No. 26,505 (July 30, 2021), subject to audit and update for actual invoices.

2. In Liberty's subsequent LDAC filing, reviewed in Docket No. DG 21-130, Liberty sought approval to recover rate case expenses in the amount of $785,177. The Commission deferred ruling on rate case expenses until the completion of an audit by DOE's Audit Division. Order No. 26,541 (Oct 29, 2021).

3. The Audit Division issued its audit report on rate case expenses on October 11, 2021. The Audit reports recommended approval of most of the rate case expenses that Liberty

proposed for recovery except for the Audit Report's recommended non-recovery of some legal fees paid to Keegan Werlin and costs for some consulting services by ScottMadden. DOE further recommended non-recovery of costs for services by Management Applications Consulting.

4. In Order No. 26,691 (Sept. 29, 2022), the Commission approved recovery of $680,770, which represented the audited and agreed-to rate case expenses. The Commission deferred until a later hearing a resolution of the unaudited and contested cost items to allow time for an updated audit. *Id.* at 3.

5. The Audit Division completed its updated audit in November 2022.

6. DOE and the Audit Division recommended non-recovery of $37,997 in the remaining rate case expenses that Liberty had requested. Liberty agreed that some items may be removed from its request for recovery but contested the removal of other costs. The Commission has scheduled a hearing on April 20, 2023, to resolve the remaining disputes.

AGREEMENT

7. The Settling Parties agree that Liberty may recover an additional $123,519 of rate case expenses.

8. The Settling Parties agree, and propose that the Commission approve, that Liberty may begin collecting these rate case expenses through an $0.0111 per therm increase to the Rate Case Expenses/Temporary Rate Reconciliation (RCE) factor of the LDAC beginning June 1, 2023, over the remaining billing period through October 31, 2023. Attachment A provides the calculation of the rate change and the resulting bill impacts.

9. The Settling Parties agree, and propose that the Commission approve, that the Company's tariff change to eliminate carrying charges on any over- or under-collected balances on the RCE recovery be implemented on a going forward basis effective June 1, 2023. The proposed tariff changes are included on an illustrative basis in Attachment B.

EFFECTIVE DATE

10. This Settlement Agreement is subject to and shall become effective upon Commission approval, and the Settling Parties request that approval of the proposed LDAC rate and new tariff provisions to be effective June 1, 2023.

GENERAL PROVISIONS

11. This Settlement Agreement is expressly conditioned on the Commission's acceptance of all its provisions, without change or condition. If the Commission does not accept this Settlement Agreement in its entirety, without change or condition, or if the Commission makes any findings that go beyond the scope of this Settlement Agreement, and any of the Settling Parties notify the Commission within five business days of their disagreement with any such changes, conditions, or findings, the Agreement shall be deemed to be withdrawn, in which event it shall be deemed to be null and void and without effect, shall not constitute any part of the record in this proceeding, and shall not be relied on by Staff or any party to this proceeding or by the Commission for any other purpose.

12. Under this Settlement Agreement, the Settling Parties agree to this joint submission to the Commission as a resolution only of the issues specified here.

13. The Settling Parties agree that the Commission's approval of this Settlement Agreement shall not constitute continuing approval of, or precedent for, any particular principle or

issue, but does constitute a determination that the adjustments and provisions stated in their totality are just and reasonable and consistent with the public interest and that the rates contemplated will be just and reasonable under the circumstances.

14. This Settlement Agreement shall not be deemed an admission by any of the Settling Parties that any allegation or contention in this proceeding by any other party, other than those specifically agreed, is true and valid. This Settlement Agreement shall not be construed to represent any concession by any Settling Party regarding positions taken with respect to the Company's proposals in this docket, nor shall this Settlement Agreement be deemed to foreclose any Settling Party in the future from taking any position in any subsequent proceedings. The amounts associated with this Settlement Agreement are liquidated amounts that reflect a compromise of all the issues in this proceeding

15. The pre-filed Exhibit 61, Exhibit 62, and Exhibit 63 for the April 20, 2023, hearing are not expected to be subject to cross-examination by the Settling Parties, which would normally occur in a fully litigated case. The Settling Parties agree that all such pre-filed exhibits should be admitted as full exhibits for the purpose of consideration of this Settlement Agreement and be given whatever weight the Commission deems appropriate. Consent by the Settling Parties to admit all such pre-filed exhibits without challenge does not constitute agreement by any of the Settling Parties that the content of the pre-filed exhibits is accurate or that they should be assigned any particular weight by the Commission. The resolution of any specific issue in this Settlement Agreement does not indicate the Settling Parties' agreement to such resolution for purposes of any future proceedings, nor does the reference to any other document bind the Settling Parties to the contents of, or recommendations in, that document for purposes of any future proceeding. The Commission's approval of the

recommendations in this Settlement Agreement shall not constitute a determination or precedent with regard to any specific issue but rather shall constitute only a determination that the rates and tariff changes resulting from this Settlement Agreement are just and reasonable. The Settling Parties agree to forego cross-examining witnesses regarding the pre-filed exhibits and, therefore, the admission into evidence of any pre-filed exhibit shall not be deemed in any respect to constitute an admission by any party to this Agreement that any allegation or contention in this proceeding is true or false, except that the sworn testimony of any witness shall constitute an admission by such witness.

16. The rights conferred and the obligations imposed on the Settling Parties by this Settlement Agreement shall be binding on or inure to the benefit of any successors in interest or assignees as if such successor or assignee was itself a signatory party. The Settling Parties agree to cooperate in advocating that this Settlement Agreement be approved by the Commission in its entirety and without modification.

17. The discussions that produced this Settlement Agreement have been conducted on the understanding that all offers of settlement and settlement discussions relating to this docket shall be confidential, shall not be admissible as evidence in this proceeding, shall be without prejudice to the position of any party or participant representing any such offer or participating in any such discussion, and are not to be used in connection with any future proceeding or otherwise. The content of these negotiations, including any documents prepared during such negotiations for the purpose of reaching a settlement, shall be privileged and all offers of settlement shall be without prejudice to the position of any party presenting such offer.

18. This Settlement Agreement may be executed by facsimile and in multiple counterparts, each of which shall be deemed to be an original, and all of which, taken together, shall constitute one agreement binding on all Settling Parties.

CONCLUSION

19. The Settling Parties affirm that the proposed Settlement Agreement will result in just and reasonable rates and should be approved by the Commission.

Dated: April 19, 2023

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty

_____/s/ Michael J. Sheehan___________________
By its Attorney, Michael J. Sheehan

Dated: April 19, 2023

Department of Energy

_____/s/ Paul B. Dexter______________________
By its Attorney, Paul B. Dexter

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
June 2023 – October 2023 LDAC
Local Delivery Adjustment Charge (LDAC) - Recovery of Rate Case Expense and Recoupment

Line No.	Description	Total
	(A)	(B)
1	Prior Period Recoupment/Rate Case Expense (Over)/Under Collection, including interest as of October 31, 2022	$ 209,539
2	Rate Case Expense DG 17-048	$ (4,836)
3	Rate Case Expense DG 20-105 approved per Order No. 26,691	$ 680,768
4	Rate Case Expense to Recover as of August 31, 2022	$ 675,932
5	Remaining Balance Recoupment/Rate Case Expense (Over)/Under Collection, including interest as of May 31, 2023	$ 326,184
6	Incremental Rate Case Expense DG 20-105 to Recover as of June 1, 2023	$ 123,519
7	Projected Recoupment/Rate Case Expense Recovery	$ 449,704
8	Projected Interest through October 31, 2023	$ -
9	Total Projected Recovery, June 1, 2023 - October 31, 2023	$ 449,704
10	Forecast Throughput (Therms) June 1, 2023 - October 31, 2023	40,679,576
11	RCE Factor ($/Therm)	$0.0111

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Recoupment Expense Reconciliation
Reconciliation of Previous Period November 2021 – October 2022

1	**Month**	**Beginning Balance**	**Collections**	**(Over)/Under Ending Balance**	**Balance Subject to Interest**	**Interest Rate**	**Days per Month**	**Interest**	**Cumulative Interest**
2		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
3	Nov-21	$1,331,220	($20,125)	$1,311,095	$1,321,157	3.25%	30	$3,529	$3,529
4	Dec-21	$1,314,624	($139,641)	$1,174,983	$1,244,804	3.25%	31	$3,436	$6,965
5	Jan-22	$1,178,419	($179,012)	$999,407	$1,088,913	3.25%	31	$3,006	$9,971
6	Feb-22	$1,002,413	($209,491)	$792,921	$897,667	3.25%	28	$2,238	$12,209
7	Mar-22	$795,159	($186,570)	$608,589	$701,874	3.25%	31	$1,937	$14,146
8	Apr-22	$610,526	($131,744)	$478,783	$544,655	3.50%	30	$1,567	$15,713
9	May-22	$480,349	($90,760)	$389,589	$434,969	3.50%	31	$1,293	$17,006
10	Jun-22	$390,882	($52,709)	$338,173	$364,528	4.00%	30	$1,198	$18,204
11	Jul-22	$339,371	($36,523)	$302,848	$321,110	4.75%	31	$1,295	$19,500
12	Aug-22	$304,143	($33,545)	$270,599	$287,371	5.50%	31	$1,342	$20,842
13	Sep-22	$271,941	($35,315)	$236,626	$254,284	5.50%	30	$1,150	$21,992
14	Oct-22	$237,775	($29,421)	$208,355	$223,065	6.25%	31	$1,184	$23,176
15			($1,144,857)						

16	**Projected Cumulative Collection**	**($1,144,857)**
17	**Total Approved Collection**	**$1,331,220**
18	**(Over)/Under Collection, excluding interest**	**$186,363**
19	**Cumulative Interest**	**$23,176**
20	**Total (Over)/Under Collection, including interest**	**$209,539**

(a) October 19, 2021, Updated Filing Bates 126
(b) Company records
(c) Column (a) + Column (b)
(d) [Column (a) + Column (c)] ÷ 2
(e) Prime Rate effective first of each month
(f) Days per month
(g) [Column (d) x ((Column (e) / 365) * Column (f))]
(h) Column (g) + Prior Month Column (h)
* Projected

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Recoupment/Rate Case Reconciliation
Forecasted Recovery November 2022 – October 2023

		Month	Beginning Balance	Rate ($/Therm)	Collections	(Over)/Under Ending Balance	Balance Subject to Interest	Interest Rate	Days per Month	Interest	Cumulative Interest
	1										
	2		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
	3	Nov-22	$885,471	$0.0044	($54,780)	$830,690	$858,081	6.25%	30	$4,408	$4,408
	4	Dec-22	$835,098	$0.0044	($76,466)	$758,633	$796,866	7.00%	31	$4,738	$9,145
	5	Jan-23	$763,370	$0.0044	($135,333)	$628,037	$695,703	7.50%	31	$4,432	$13,577
	6	Feb-23	$632,468	$0.0044	($101,402)	$531,066	$581,767	7.75%	28	$3,459	$17,036
	7	Mar-23	$534,525	$0.0044	($107,914)	$426,611	$480,568	7.75%	31	$3,163	$20,199
*	8	Apr-23	$429,774	$0.0044	($62,826)	$366,948	$398,361	8.00%	30	$2,619	$22,818
*	9	May-23	$369,568	$0.0044	($45,739)	$323,829	$346,698	8.00%	31	$2,356	$25,174
*	10	Jun-23	$449,704	$0.0111	($74,553)	$375,151	$412,427	0.00%	30	$0	$25,174
*	11	Jul-23	$375,151	$0.0111	($67,605)	$307,546	$341,348	0.00%	31	$0	$25,174
*	12	Aug-23	$307,546	$0.0111	($69,886)	$237,660	$272,603	0.00%	31	$0	$25,174
*	13	Sep-23	$237,660	$0.0111	($88,488)	$149,171	$193,415	0.00%	30	$0	$25,174
*	14	Oct-23	$149,171	$0.0111	($151,011)	($1,840)	$73,666	0.00%	31	$0	$25,174
	15	Total			($1,036,004)					$25,174	

16	**Projected Cumulative Collection**	**($1,036,004)**
17	**Total Approved Collection**	**$1,008,990**
18	**(Over)/Under Collection, excluding interest**	**($27,014)**
19	**Cumulative Interest**	**$25,174**
20	**otal (Over)/Under Collection, including interest**	**($1,840)**

(a) Prior period Column (e) + Prior period Column (h); 11/1/22 Balance: Schedule 6, Page 2, Col. (e), Line 14 + Col (h), Line 14 + Page 1, Line 4; 6/1/23 Balance: Schedule 6, Page 1, Line 6
(b) Schedule 6, Page 1, Line 9
(c) Company records, Company forecast
(d) Column (a) + Column (c)
(e) [Column (a) + Column (d)] ÷ 2
(f) Interest rate effective first of the month
(g) Days per month
(h) [Column (e) x ((Column (f) / 365) * Column (g))]
(i) Column (h) + Prior Month Column (h)
* Projected

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Docket No. DG 20-105 Rate Case Expense
To be Recovered November 2022 – October 2023
As of April 17, 2023

		(a)	*(b)*	*(c) = (a) + (b)*	*(d)*	*(e)*	*(f) =(c) - (d) + (e)*	*(g)*	(h)
Line No	Service Provider	Expense as of 8/1/21	Post 2021 Audit Expenses	Expense as of 8/31/22	Amount Approved for Recovery per Order No. 26,691	Agreed upon 11/18/22 Audit Adjustments	Unresolved Amounts Remaining	Incremental Rate Case Expense to be Recovered per Settlement Agreement	Description of Service
1	Concentric Energy Advisors	$ 48,381.75	$ -	$ 48,381.75	$ -	$ -	$ 48,381.75	$ 48,381.75	Review of Decoupling Mechanism
2	FTI Consulting	385,965.46	-	385,965.46	385,965.46	-	-	-	Revenue Requirement, Rate Design, Marginal Cost of Service , Functional Cost of Service, Decoupling Effects on EE, Cost of Capital
3	Keegan Werlin	114,463.50	33,943.00	148,406.50	101,571.00	(5,913.00)	40,922.50	40,922.50	Legal Services
4	ScottMadden	34,215.00	-	34,215.00	-	-	34,215.00	34,215.00	Testimony Support
5	Management Applications Consulting	33,245.63	37,996.91	71,242.54	33,245.63	-	37,996.91	-	Review Status of Depreciation Reserve
6	Court Reporter	3,053.00	(1,310.00)	1,743.00	1,743.00	-	-	-	Court Reporter
7	Customer Notice	46,241.00	-	46,241.00	46,241.00	-	-	-	Customer Notice
8	Legal Notices	466.50	-	466.50	466.50	-	-	-	Legal Notices
9	Printing Expense	159.60	-	159.60	159.60	-	-	-	Printing Expenses
10									
11	Subtotal	$ 666,191.44	$ 70,629.91	$ 736,821.35	$ 569,392.19	$ (5,913.00)	$ 161,516.16	$ 123,519.25	
12									
13									
14	<u>DOE Consultants</u>								
15	Blue Ridge Consulting	$ 62,402.50	$ 2,250.00	$ 64,652.50	$ 64,652.50	$ -	$ -	$ -	Revenue Requirement
16	J. Randall Woolridge	-	33,800.00	33,800.00	33,800.00	-	-	-	Cost of Capital
17									
18	<u>OCA Consultants</u>								
19	Exeter Associates	12,923.70	-	12,923.70	12,923.70	-	-	-	Cost of Service/Rate Design
20									
21	Subtotal DOE/OCA	$ 75,326.20	$ 36,050.00	$ 111,376.20	$ 111,376.20	$ -	$ -	$ -	
22									
23	Grand Total	$ 741,517.64	$ 106,679.91	$ 848,197.55	$ 680,768.39	$ (5,913.00)	$ 161,516.16	$ 123,519.25	Total Estimated Amount
24									
25									
26	Note: Amounts in Column (b) represent costs for which invoices were received after the completion of the Audit.								

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
LDAC 2022-2023 Filing
LDAC Bill Comparisons, Proposed LDAC Rates November 1, 2022 – October 31, 2023 vs. Current LDAC Rates

1	**Proposed LDAC Rates November 1, 2022 – October 31, 2023**															
2	**Residential Customers (Rate Codes R-3)**															
3								**Winter**							**Summer**	**Total**
4		**Nov-22**	**Dec-22**	**Jan-23**	**Feb-23**	**Mar-23**	**Apr-23**	**Nov-Apr**	**May-23**	**Jun-23**	**Jul-23**	**Aug-23**	**Sep-23**	**Oct-23**	**May–Oct**	**Nov–Oct**
5	**Typical Usage (Therms)**	45	92	117	148	130	88	621	55	24	15	14	13	19	141	762
6	Energy Efficiency	$ 0.0667	$ 0.0667	$ 0.0667	$ 0.0667	$ 0.0667	$ 0.0667		$ 0.0667	$ 0.0667	$ 0.0667	$ 0.0667	$ 0.0667	$ 0.0667		
7	Energy Efficiency Amount	$ 2.99	$ 6.16	$ 7.82	$ 9.87	$ 8.70	$ 5.86	$ 41.40	$ 3.66	$ 1.61	$ 1.03	$ 0.94	$ 0.89	$ 1.26	$ 9.39	$ 50.80
8	Gas Holder	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ -	$ -		
9	Gas Holder Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
10	MGP	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		
11	MGP Amount	$ 0.3402	$ 0.7014	$ 0.8895	$ 1.1233	$ 0.9898	$ 0.6668	$ 4.71	$ 0.4169	$ 0.1828	$ 0.1172	$ 0.1065	$ 0.1017	$ 0.1437	$ 1.07	$ 5.78
12	Environmental	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		
13	Total Environmental	$ 0.34	$ 0.70	$ 0.89	$ 1.12	$ 0.99	$ 0.67	$ 4.71	$ 0.42	$ 0.18	$ 0.12	$ 0.11	$ 0.10	$ 0.14	$ 1.07	$ 5.78
14	RDAF	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ -	$ -		
15	RDAF amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
16	PTAM	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124		$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124		
17	PTAM amount	$ 0.55	$ 1.14	$ 1.45	$ 1.83	$ 1.61	$ 1.09	$ 7.67	$ 0.68	$ 0.30	$ 0.19	$ 0.17	$ 0.17	$ 0.23	$ 1.74	$ 9.41
18	RCE	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111		$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111		
19	RCE Amount	$ 0.50	$ 1.03	$ 1.30	$ 1.64	$ 1.45	$ 0.98	$ 6.89	$ 0.61	$ 0.27	$ 0.17	$ 0.16	$ 0.15	$ 0.21	$ 1.56	$ 8.45
20	GAP	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203		$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203		
21	GAP Amount	$ 0.91	$ 1.88	$ 2.38	$ 3.00	$ 2.65	$ 1.78	$ 12.60	$ 1.12	$ 0.49	$ 0.31	$ 0.28	$ 0.27	$ 0.38	$ 2.86	$ 15.46
22	LDAC	$ 0.1180	$ 0.1180	$ 0.1180	$ 0.1180	$ 0.1180	$ 0.1180		$ 0.1180	$ 0.1180	$ 0.1180	$ 0.1180	$ 0.1180	$ 0.1180		
23	LDAC Amount	$ 5.29	$ 10.91	$ 13.84	$ 17.47	$ 15.39	$ 10.37	$ 73.27	$ 6.48	$ 2.84	$ 1.82	$ 1.66	$ 1.58	$ 2.23	$ 16.62	$ 89.90

24	**Current LDAC Rates**															
25	**Residential Customers (Rate Codes R-3)**							**Winter**							**Summer**	**Total**
26		**Nov-21**	**Dec-21**	**Jan-22**	**Feb-22**	**Mar-22**	**Apr-22**	**Nov-Apr**	**May-22**	**Jun-22**	**Jul-22**	**Aug-22**	**Sep-22**	**Oct-22**	**May–Oct**	**Nov–Oct**
27	**Typical Usage (Therms)**	45	92	117	148	130	88	621	55	24	15	14	13	19	141	762
28	Energy Efficiency	$ 0.0640	$ 0.0640	$ 0.0640	$ 0.0640	$ 0.0640	$ 0.0640		$ 0.0640	$ 0.0640	$ 0.0640	$ 0.0640	$ 0.0640	$ 0.0640		
29	Energy Efficiency Amount	$ 2.87	$ 5.91	$ 4.99	$ 4.99	$ 4.99	$ 4.99	$ 28.72	$ 3.51	$ 1.54	$ 0.99	$ 0.90	$ 0.86	$ 1.21	$ 9.01	$ 37.72
30	Gas Holder	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ -	$ -		
31	Gas Holder Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
32	MGP	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		
33	MGP Amount	$ 0.6926	$ 1.4279	$ 1.2045	$ 1.2045	$ 1.2045	$ 1.2045	$ 6.94	$ 0.8487	$ 0.3720	$ 0.2387	$ 0.2168	$ 0.2071	$ 0.2925	$ 2.18	$ 9.11
34	Environmental	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		
35	Total Environmental	$ 0.69	$ 1.43	$ 1.20	$ 1.20	$ 1.20	$ 1.20	$ 6.94	$ 0.85	$ 0.37	$ 0.24	$ 0.22	$ 0.21	$ 0.29	$ 2.18	$ 9.11
36	RDAF	$ 0.0152	$ 0.0152	$ 0.0152	$ 0.0152	$ 0.0152	$ 0.0152		$ 0.0152	$ 0.0152	$ 0.0152	$ 0.0152	$ 0.0152	$ 0.0152		
37	RDAF amount	$ 0.68	$ 1.40	$ 1.18	$ 1.18	$ 1.18	$ 1.18	$ 6.83	$ 0.83	$ 0.37	$ 0.23	$ 0.21	$ 0.20	$ 0.29	$ 2.14	$ 8.97
38	PTAM	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142		$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142		
39	PTAM amount	$ 0.64	$ 1.31	$ 1.11	$ 1.11	$ 1.11	$ 1.11	$ 6.38	$ 0.78	$ 0.34	$ 0.22	$ 0.20	$ 0.19	$ 0.27	$ 2.00	$ 8.38
40	RCE	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074		$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074		
41	RCE Amount	$ 0.33	$ 0.68	$ 0.58	$ 0.58	$ 0.58	$ 0.58	$ 3.32	$ 0.41	$ 0.18	$ 0.11	$ 0.10	$ 0.10	$ 0.14	$ 1.04	$ 4.37
42	GAP	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156		$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156		
43	GAP Amount	$ 0.70	$ 1.44	$ 1.22	$ 1.22	$ 1.22	$ 1.22	$ 7.01	$ 0.86	$ 0.38	$ 0.24	$ 0.22	$ 0.21	$ 0.30	$ 2.20	$ 9.20
44	Total LDAC	$ 0.1318	$ 0.1318	$ 0.1318	$ 0.1318	$ 0.1318	$ 0.1318		$ 0.1318	$ 0.1318	$ 0.1318	$ 0.1318	$ 0.1318	$ 0.1318		
45	Total LDAC Amount	$ 5.91	$ 12.18	$ 15.45	$ 19.51	$ 17.19	$ 11.58	$ 81.81	$ 7.24	$ 3.17	$ 2.04	$ 1.85	$ 1.77	$ 2.50	$ 18.56	$ 100.37

46	**LDAC Bill Impact : Residential Customers (Rate Codes R-3)**															
47								**Winter**							**Summer**	**Total**
48		**Nov-22**	**Dec-22**	**Jan-23**	**Feb-23**	**Mar-23**	**Apr-23**	**Nov-Apr**	**May-23**	**Jun-23**	**Jul-23**	**Aug-23**	**Sep-23**	**Oct-23**	**May–Oct**	**Nov–Oct**
49	Energy Efficiency	$ (0.12)	$ (0.25)	$ (2.83)	$ (4.89)	$ (3.71)	$ (0.87)	$ (12.68)	$ (0.15)	$ (0.07)	$ (0.04)	$ (0.04)	$ (0.04)	$ (0.05)	$ (0.39)	$ (13.07)
50	Energy Efficiency Amount	-4.3%	-4.3%	-56.8%	-98.0%	-74.5%	-17.5%	-15.5%	-4.3%	-4%	-4%	-4%	-4%	-4%	$ (0.04)	$ (0.35)
51	Environmental	$ 1.03	$ 2.13	$ 2.09	$ 2.33	$ 2.19	$ 1.87	$ 11.65	$ 1.27	$ 0.55	$ 0.36	$ 0.32	$ 0.31	$ 0.44	$ 3.24	$ 14.89
52	Total Environmental	149.1%	149.1%	173.9%	193.3%	182.2%	155.4%	167.9%	149.1%	149.1%	149.1%	149.1%	149.1%	149.1%	149.1%	163.4%
53	RDAF	$ 0.35	$ 0.73	$ 0.31	$ 0.08	$ 0.21	$ 0.54	$ 2.23	$ 0.43	$ 0.19	$ 0.12	$ 0.11	$ 0.11	$ 0.15	$ 1.11	$ 3.33
54	RDAF amount	51.7%	51.7%	26.6%	6.9%	18.1%	45.4%	32.6%	51.7%	51.7%	51.7%	51.7%	51.7%	51.7%	51.7%	37.2%
55	PTAM	$ 0.35	$ 0.73	$ 0.31	$ 0.08	$ 0.21	$ 0.54	$ 2.23	$ 0.43	$ 0.19	$ 0.12	$ 0.11	$ 0.11	$ 0.15	$ 1.11	$ 3.33
56	PTAM amount	55.4%	55.4%	28.4%	7.3%	19.4%	48.6%	34.9%	55.4%	55.4%	55.4%	55.4%	55.4%	55.4%	55.4%	39.8%
57	RCE	$ 0.68	$ 1.40	$ 1.18	$ 1.18	$ 1.18	$ 1.18	$ 6.83	$ 0.83	$ 0.37	$ 0.23	$ 0.21	$ 0.20	$ 0.29	$ 2.14	$ 8.97
58	RCE Amount	205.4%	205.4%	205.4%	205.4%	205.4%	205.4%	205.4%	205.4%	205.4%	205.4%	205.4%	205.4%	205.4%	205.4%	205.4%
59	GAP	$ 0.08	$ 0.17	$ (0.34)	$ (0.72)	$ (0.50)	$ 0.02	$ (1.29)	$ 0.10	$ 0.04	$ 0.03	$ 0.03	$ 0.02	$ 0.03	$ 0.26	$ (1.03)
60	GAP Amount	1.4%	1.4%	-2.2%	-3.7%	-2.9%	0.2%	-1.6%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	-1.0%
61	Total LDAC	$ (0.62)	$ (1.27)	$ (1.61)	$ (2.04)	$ (1.79)	$ (1.21)	$ (8.54)	$ (0.76)	$ (0.33)	$ (0.21)	$ (0.19)	$ (0.18)	$ (0.26)	$ (1.94)	$ (10.48)
62	Total LDAC Amount	-10.4%	-10.4%	-10.4%	-10.4%	-10.4%	-10.4%	-10.4%	-10.4%	-10.4%	-10.4%	-10.4%	-10.4%	-10.4%	-10.4%	-10.4%

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
LDAC 2022-2023 Filing
LDAC Bill Comparisons, Proposed LDAC Rates November 1, 2022 – October 31, 2023 vs. Current LDAC Rates

Line																
1	**Proposed LDAC Rates November 1, 2022 – October 31, 2023**															
2	**Commercial/Industrial Sales Customers and Commercial/Industrial Transportation Customers (Rate Codes G-41)**															
3								**Winter**							**Summer**	**Total**
4		**Nov-22**	**Dec-22**	**Jan-23**	**Feb-23**	**Mar-23**	**Apr-23**	**Nov-Apr**	**May-23**	**Jun-23**	**Jul-23**	**Aug-23**	**Sep-23**	**Oct-23**	**May–Oct**	**Nov–Oct**
5	**Typical Usage (Therms)**	111	274	376	483	425	270	1,939	154	55	24	21	13	44	310	2,249
6	Energy Efficiency	$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444		$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444		
7	Energy Efficiency Amount	$ 4.95	$ 12.16	$ 16.68	$ 21.46	$ 18.85	$ 11.99	$ 86.09	$ 6.84	$ 2.43	$ 1.08	$ 0.91	$ 0.57	$ 1.94	$ 13.77	$ 99.86
8	Gas Holder	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ -	$ -		
9	Gas Holder Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
10	MGP	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		
11	MGP Amount	$ 0.85	$ 2.0790	$ 2.8516	$ 3.6690	$ 3.2217	$ 2.0487	$ 14.72	$ 1.1687	$ 0.4158	$ 0.1845	$ 0.1557	$ 0.0977	$ 0.3313	$ 2.35	$ 17.07
12	Environmental	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		
13	Total Environmental	$ 0.85	$ 2.08	$ 2.85	$ 3.67	$ 3.22	$ 2.05	$ 14.72	$ 1.17	$ 0.42	$ 0.18	$ 0.16	$ 0.10	$ 0.33	$ 2.35	$ 17.07
14	RDAF	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ -	$ -		
15	RDAF amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
16	PTAM	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124		$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124		
17	PTAM amount	$ 1.38	$ 3.38	$ 4.64	$ 5.97	$ 5.24	$ 3.33	$ 23.95	$ 1.90	$ 0.68	$ 0.30	$ 0.25	$ 0.16	$ 0.54	$ 3.83	$ 27.78
18	RCE	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111		$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111		
19	RCE Amount	$ 1.24	$ 3.04	$ 4.17	$ 5.37	$ 4.71	$ 3.00	$ 21.52	$ 1.71	$ 0.61	$ 0.27	$ 0.23	$ 0.14	$ 0.48	$ 3.44	$ 24.97
20	GAP	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203		$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203		
21	GAP Amount	$ 2.26	$ 5.56	$ 7.63	$ 9.81	$ 8.62	$ 5.48	$ 39.36	$ 3.13	$ 1.11	$ 0.49	$ 0.42	$ 0.26	$ 0.89	$ 6.30	$ 45.66
22	LDAC	$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957		$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957		
23	LDAC Amount	$ 10.67	$ 26.23	$ 35.97	$ 46.28	$ 40.64	$ 25.84	$ 185.64	$ 14.74	$ 5.25	$ 2.33	$ 1.96	$ 1.23	$ 4.18	$ 29.69	$ 215.33

Line																
24	**Current LDAC Rates November 1, 2022 – October 31, 2023**															
25	**Commercial/Industrial Sales Customers and Commercial/Industrial Transportation Customers (Rate Codes G-41)**															
26								**Winter**							**Summer**	**Total**
27		**Nov-21**	**Dec-21**	**Jan-22**	**Feb-22**	**Mar-22**	**Apr-22**	**Nov-Apr**	**May-22**	**Jun-22**	**Jul-22**	**Aug-22**	**Sep-22**	**Oct-22**	**May–Oct**	**Nov–Oct**
28	**Typical Usage (Therms)**	111	274	376	483	425	270	1,939	154	55	24	21	13	44	310	2,249
29	Energy Efficiency	$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426		$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426		
30	Energy Efficiency Amount	$ 4.74	$ 11.66	$ 15.99	$ 20.57	$ 18.06	$ 11.49	$ 82.50	$ 6.55	$ 2.33	$ 1.03	$ 0.87	$ 0.55	$ 1.86	$ 13.20	$ 95.70
31	Gas Holder	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ -	$ -		
32	Gas Holder Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
33	MGP	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		
34	MGP Amount	$ 1.7218	$ 4.2323	$ 5.8051	$ 7.4690	$ 6.5586	$ 4.1705	$ 29.96	$ 2.3791	$ 0.8465	$ 0.3755	$ 0.3169	$ 0.1988	$ 0.6745	$ 4.79	$ 34.75
35	Environmental	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		
36	Total Environmental	$ 1.72	$ 4.23	$ 5.81	$ 7.47	$ 6.56	$ 4.17	$ 29.96	$ 2.38	$ 0.85	$ 0.38	$ 0.32	$ 0.20	$ 0.67	$ 4.79	$ 34.75
37	RDAF	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039		$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039		
38	RDAF amount	$ 0.43	$ 1.07	$ 1.47	$ 1.89	$ 1.66	$ 1.05	$ 7.56	$ 0.60	$ 0.21	$ 0.09	$ 0.08	$ 0.05	$ 0.17	$ 1.21	$ 8.77
39	PTAM	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142		$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142		
40	PTAM amount	$ 1.58	$ 3.89	$ 5.34	$ 6.86	$ 6.03	$ 3.83	$ 27.53	$ 2.19	$ 0.78	$ 0.35	$ 0.29	$ 0.18	$ 0.62	$ 4.40	$ 31.94
41	RCE	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074		$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074		
42	RCE Amount	$ 0.82	$ 2.03	$ 2.78	$ 3.58	$ 3.14	$ 2.00	$ 14.35	$ 1.14	$ 0.41	$ 0.18	$ 0.15	$ 0.10	$ 0.32	$ 2.29	$ 16.64
43	GAP	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156		$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156		
44	GAP Amount	$ 1.74	$ 4.27	$ 5.86	$ 7.54	$ 6.62	$ 4.21	$ 30.25	$ 2.40	$ 0.85	$ 0.38	$ 0.32	$ 0.20	$ 0.68	$ 4.84	$ 35.09
45	Total LDAC	$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991		$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991		
46	Total LDAC Amount	$ 11.04	$ 27.15	$ 37.24	$ 47.91	$ 42.07	$ 26.75	$ 192.15	$ 15.26	$ 5.43	$ 2.41	$ 2.03	$ 1.28	$ 4.33	$ 30.73	$ 222.89

Line																
47	**LDAC Bill Impact : Commercial/Industrial Sales Customers and Commercial/Industrial Transportation Customers (Rate Codes G-41)**															
48								**Winter**							**Summer**	**Total**
49		**Nov-22**	**Dec-22**	**Jan-23**	**Feb-23**	**Mar-23**	**Apr-23**	**Nov-Apr**	**May-23**	**Jun-23**	**Jul-23**	**Aug-23**	**Sep-23**	**Oct-23**	**May–Oct**	**Nov–Oct**
50	Energy Efficiency Amount	$ 4.74	$ 11.66	$ 15.99	$ 20.57	$ 18.06	$ 11.49	$ 82.50	$ 6.55	$ 2.33	$ 1.03	$ 0.87	$ 0.55	$ 1.86	$ 13.20	$ 95.70
51	Energy Efficiency %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100%	100%	100%	100%	100%	$ 1.00	$ 1.00
52	Environmental Amount	$ (0.88)	$ (2.15)	$ (2.95)	$ (3.80)	$ (3.34)	$ (2.12)	$ (15.24)	$ (1.21)	$ (0.43)	$ (0.19)	$ (0.16)	$ (0.10)	$ (0.34)	$ (2.44)	$ (17.68)
53	Environmental %	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%
54	RDAF amount	$ (0.43)	$ (1.07)	$ (1.47)	$ (1.89)	$ (1.66)	$ (1.05)	$ (7.56)	$ (0.60)	$ (0.21)	$ (0.09)	$ (0.08)	$ (0.05)	$ (0.17)	$ (1.21)	$ (8.77)
55	RDAF %	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%
56	PTAM amount	$ (0.21)	$ (0.51)	$ (0.69)	$ (0.89)	$ (0.78)	$ (0.50)	$ (3.58)	$ (0.28)	$ (0.10)	$ (0.04)	$ (0.04)	$ (0.02)	$ (0.08)	$ (0.57)	$ (4.15)
57	PTAM %	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%
58	RCE Amount	$ 0.41	$ 1.01	$ 1.39	$ 1.79	$ 1.57	$ 1.00	$ 7.17	$ 0.57	$ 0.20	$ 0.09	$ 0.08	$ 0.05	$ 0.16	$ 1.15	$ 8.32
59	RCE %	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
60	GAP Amount	$ 0.52	$ 1.29	$ 1.77	$ 2.27	$ 2.00	$ 1.27	$ 9.11	$ 0.72	$ 0.26	$ 0.11	$ 0.10	$ 0.06	$ 0.21	$ 1.46	$ 10.57
61	GAP %	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%
62	Total LDAC Amount	$ (0.37)	$ (0.92)	$ (1.26)	$ (1.62)	$ (1.43)	$ (0.91)	$ (6.51)	$ (0.52)	$ (0.18)	$ (0.08)	$ (0.07)	$ (0.04)	$ (0.15)	$ (1.04)	$ (7.55)
63	Total LDAC %	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
LDAC 2022-2023 Filing
LDAC Bill Comparisons, Proposed LDAC Rates November 1, 2022 – October 31, 2023 vs. Current LDAC Rates

Line	Description	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter Nov-Apr	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Summer May–Oct	Total Nov–Oct
1	**Proposed LDAC Rates November 1, 2022 – October 31, 2023**															
2	**Commercial/Industrial Sales Customers and Commercial/Industrial Transportation Customers (Rate Codes G-42)**															
3																
4																
5	**Typical Usage (Therms)**	1,369	2,729	3,456	4,165	3,658	2,463	17,839	1,201	1,412	257	100	(1,437)	978	2,510	20,349
6	Energy Efficiency	$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444		$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444		
7	Energy Efficiency Amount	$ 60.78	$ 121.15	$ 153.45	$ 184.90	$ 162.40	$ 109.37	$ 792.05	$ 53.32	$ 62.69	$ 11.39	$ 4.42	$ (63.81)	$ 43.42	$ 111.43	$ 903.48
8	Gas Holder	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ -	$ -		
9	Gas Holder Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
10	MGP	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		
11	MGP Amount	$ 10.39	$ 20.7089	$ 26.2293	$ 31.6065	$ 27.7594	$ 18.6950	$ 135.39	$ 9.1135	$ 10.7166	$ 1.9468	$ 0.7558	$ (10.9081)	$ 7.4226	$ 19.05	$ 154.44
12	Environmental	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		
13	Total Environmental	$ 10.39	$ 20.71	$ 26.23	$ 31.61	$ 27.76	$ 18.69	$ 135.39	$ 9.11	$ 10.72	$ 1.95	$ 0.76	$ (10.91)	$ 7.42	$ 19.05	$ 154.44
14	RDAF	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ -	$ -		
15	RDAF amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
16	PTAM	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124		$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124		
17	PTAM amount	$ 16.91	$ 33.71	$ 42.69	$ 51.44	$ 45.18	$ 30.43	$ 220.37	$ 14.83	$ 17.44	$ 3.17	$ 1.23	$ (17.75)	$ 12.08	$ 31.00	$ 251.37
18	RCE	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111		$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111		
19	RCE Amount	$ 15.19	$ 30.29	$ 38.36	$ 46.23	$ 40.60	$ 27.34	$ 198.01	$ 13.33	$ 15.67	$ 2.85	$ 1.11	$ (15.95)	$ 10.86	$ 27.86	$ 225.87
20	GAP	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203		$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203		
21	GAP Amount	$ 27.79	$ 55.39	$ 70.16	$ 84.54	$ 74.25	$ 50.00	$ 362.13	$ 24.38	$ 28.66	$ 5.21	$ 2.02	$ (29.18)	$ 19.85	$ 50.95	$ 413.08
22	LDAC	$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957		$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957		
23	LDAC Amount	$ 131.06	$ 261.25	$ 330.89	$ 398.72	$ 350.19	$ 235.84	$ 1,707.95	$ 114.97	$ 135.19	$ 24.56	$ 9.53	$ (137.61)	$ 93.64	$ 240.28	$ 1,948.23

Line	Description	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Winter Nov-Apr	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Summer May–Oct	Total Nov–Oct
24	**Current LDAC Rates November 1, 2022 – October 31, 2023**															
25	**Commercial/Industrial Sales Customers and Commercial/Industrial Transportation Customers (Rate Codes G-42)**															
26																
27	**Typical Usage (Therms)**	1,369	2,729	3,456	4,165	3,658	2,463	17,839	1,201	1,412	257	100	(1,437)	978	2,510	20,349
28	Energy Efficiency	$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426		$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426		
29	Energy Efficiency Amount	$ 58.25	$ 116.10	$ 147.05	$ 177.20	$ 155.63	$ 104.81	$ 759.05	$ 51.09	$ 60.08	$ 10.91	$ 4.24	$ (61.16)	$ 41.61	$ 106.79	$ 865.84
30	Gas Holder	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ -	$ -		
31	Gas Holder Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
32	MGP	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		
33	MGP Amount	$ 21.1490	$ 42.1576	$ 53.3954	$ 64.3419	$ 56.5103	$ 38.0577	$ 275.61	$ 18.5526	$ 21.8159	$ 3.9632	$ 1.5385	$ (22.2058)	$ 15.1103	$ 38.77	$ 314.39
34	Environmental	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		
35	Total Environmental	$ 21.15	$ 42.16	$ 53.40	$ 64.34	$ 56.51	$ 38.06	$ 275.61	$ 18.55	$ 21.82	$ 3.96	$ 1.54	$ (22.21)	$ 15.11	$ 38.77	$ 314.39
36	RDAF	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039		$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039		
37	RDAF amount	$ 5.34	$ 10.64	$ 13.48	$ 16.24	$ 14.26	$ 9.61	$ 69.57	$ 4.68	$ 5.51	$ 1.00	$ 0.39	$ (5.61)	$ 3.81	$ 9.79	$ 79.36
38	PTAM	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142		$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142		
39	PTAM amount	$ 19.44	$ 38.75	$ 49.08	$ 59.14	$ 51.94	$ 34.98	$ 253.31	$ 17.05	$ 20.05	$ 3.64	$ 1.41	$ (20.41)	$ 13.89	$ 35.64	$ 288.95
40	RCE	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074		$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074		
41	RCE Amount	$ 10.13	$ 20.19	$ 25.57	$ 30.82	$ 27.07	$ 18.23	$ 132.01	$ 8.89	$ 10.45	$ 1.90	$ 0.74	$ (10.64)	$ 7.24	$ 18.57	$ 150.58
42	GAP	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156		$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156		
43	GAP Amount	$ 21.35	$ 42.57	$ 53.91	$ 64.97	$ 57.06	$ 38.43	$ 278.29	$ 18.73	$ 22.03	$ 4.00	$ 1.55	$ (22.42)	$ 15.26	$ 39.15	$ 317.44
44	Total LDAC	$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991		$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991		
45	Total LDAC Amount	$ 135.65	$ 270.41	$ 342.49	$ 412.70	$ 362.47	$ 244.11	$ 1,767.84	$ 119.00	$ 139.93	$ 25.42	$ 9.87	$ (142.43)	$ 96.92	$ 248.71	$ 2,016.55

Line	Description	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Winter Nov-Apr	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Summer May–Oct	Total Nov–Oct
46	**LDAC Bill Impact : Commercial/Industrial Sales Customers and Commercial/Industrial Transportation Customers (Rate Codes G-42)**															
47																
48																
49	Energy Efficiency Amount	$ 2.53	$ 5.0480	$ 6.3936	$ 7.7044	$ 6.7666	$ 4.5571	$ 33.0021	$ 2.2215	$ 2.6123	$ 0.4746	$ 0.1842	$ (2.6589)	$ 1.8093	$ 4.6429	$ 37.6450
50	Energy Efficiency %	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%
51	Total Environmental	$ (10.76)	$ (21.4487)	$ (27.1662)	$ (32.7354)	$ (28.7509)	$ (19.3627)	$ (140.2240)	$ (9.4390)	$ (11.0993)	$ (2.0164)	$ (0.7828)	$ 11.2977	$ (7.6877)	$ (19.7275)	$ (159.9515)
52	Environmental %	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%	-50.9%
53	RDAF amount	$ (5.34)	$ (10.6417)	$ (13.4785)	$ (16.2416)	$ (14.2647)	$ (9.6068)	$ (69.5720)	$ (4.6832)	$ (5.5069)	$ (1.0004)	$ (0.3884)	$ 5.6053	$ (3.8142)	$ (9.7878)	$ (79.3597)
54	RDAF %	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%	-100.0%
55	PTAM amount	$ (2.53)	$ (5.0396)	$ (6.3830)	$ (7.6916)	$ (6.7554)	$ (4.5495)	$ (32.9474)	$ (2.2178)	$ (2.6079)	$ (0.4738)	$ (0.1839)	$ 2.6545	$ (1.8063)	$ (4.6352)	$ (37.5827)
56	PTAM %	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%	-13.0%
57	RCE Amount	$ 5.06	$ 10.0960	$ 12.7873	$ 15.4087	$ 13.5332	$ 9.1141	$ 66.0042	$ 4.4430	$ 5.2245	$ 0.9491	$ 0.3684	$ (5.3179)	$ 3.6186	$ 9.2858	$ 75.2900
58	RCE %	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
59	GAP Amount	$ 6.43	$ 12.8246	$ 16.2433	$ 19.5733	$ 17.1908	$ 11.5774	$ 83.8431	$ 5.6438	$ 6.6366	$ 1.2056	$ 0.4680	$ (6.7552)	$ 4.5967	$ 11.7955	$ 95.6387
60	GAP %	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%	30.1%
61	Total LDAC Amount	$ (4.60)	$ (9.16)	$ (11.60)	$ (13.98)	$ (12.28)	$ (8.27)	$ (59.89)	$ (4.03)	$ (4.74)	$ (0.86)	$ (0.33)	$ 4.83	$ (3.28)	$ (8.43)	$ (68.32)
62	Total LDAC %	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
LDAC 2022-2023 Filing
LDAC Bill Comparisons, Proposed LDAC Rates November 1, 2022 – October 31, 2023 vs. Current LDAC Rates

1	**Proposed LDAC Rates November 1, 2022 – October 31, 2023**														
2	**Commercial/Industrial Sales Customers and Commercial/Industrial Transportation Customers (Rate Codes G-52)**														
3								**Winter**							**Summer**	**Total**
4		**Nov-22**	**Dec-22**	**Jan-23**	**Feb-23**	**Mar-23**	**Apr-23**	**Nov-Apr**	**May-23**	**Jun-23**	**Jul-23**	**Aug-23**	**Sep-23**	**Oct-23**	**May–Oct**	**Nov–Oct**
5	**Typical Usage (Therms)**	1,340	1,718	1,891	2,207	1,964	1,672	10,793	1,339	1,123	1,070	1,088	8,875	1,097	14,592	25,385
6	Energy Efficiency	$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444		$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444	$ 0.0444		
7	Energy Efficiency Amount	$ 59.49	$ 76.30	$ 83.98	$ 97.99	$ 87.20	$ 74.25	$ 479.21	$ 59.46	$ 49.84	$ 47.53	$ 48.30	$ 394.06	$ 48.69	$ 647.89	$ 1,127.10
8	Gas Holder	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ -	$ -		
9	Gas Holder Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
10	MGP	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		
11	MGP Amount	$ 10.17	$ 13.0420	$ 14.3544	$ 16.7504	$ 14.9061	$ 12.6914	$ 81.91	$ 10.1644	$ 8.5200	$ 8.1237	$ 8.2566	$ 67.3590	$ 8.3221	$ 110.75	$ 192.66
12	Environmental	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076	$ 0.0076		
13	Total Environmental	$ 10.17	$ 13.04	$ 14.35	$ 16.75	$ 14.91	$ 12.69	$ 81.91	$ 10.16	$ 8.52	$ 8.12	$ 8.26	$ 67.36	$ 8.32	$ 110.75	$ 192.66
14	RDAF	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ -	$ -		
15	RDAF amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
16	PTAM	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124		$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124	$ 0.0124		
17	PTAM amount	$ 16.55	$ 21.23	$ 23.36	$ 27.26	$ 24.26	$ 20.66	$ 133.33	$ 16.54	$ 13.87	$ 13.22	$ 13.44	$ 109.64	$ 13.55	$ 180.26	$ 313.58
18	RCE	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111		$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111	$ 0.0111		
19	RCE Amount	$ 14.87	$ 19.07	$ 20.99	$ 24.50	$ 21.80	$ 18.56	$ 119.80	$ 14.87	$ 12.46	$ 11.88	$ 12.08	$ 98.52	$ 12.17	$ 161.97	$ 281.78
20	GAP	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203		$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203	$ 0.0203		
21	GAP Amount	$ 27.20	$ 34.88	$ 38.39	$ 44.80	$ 39.87	$ 33.95	$ 219.10	$ 27.19	$ 22.79	$ 21.73	$ 22.08	$ 180.17	$ 22.26	$ 296.22	$ 515.32
22	LDAC	$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957		$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957	$ 0.0957		
23	LDAC Amount	$ 128.29	$ 164.53	$ 181.08	$ 211.31	$ 188.04	$ 160.10	$ 1,033.36	$ 128.23	$ 107.48	$ 102.48	$ 104.16	$ 849.75	$ 104.99	$ 1,397.08	$ 2,430.44

24	**Current LDAC Rates November 1, 2022 – October 31, 2023**														
25	**Commercial/Industrial Sales Customers and Commercial/Industrial Transportation Customers (Rate Codes G-52)**														
26								**Winter**							**Summer**	**Total**
27		**Nov-21**	**Dec-21**	**Jan-22**	**Feb-22**	**Mar-22**	**Apr-22**	**Nov-Apr**	**May-22**	**Jun-22**	**Jul-22**	**Aug-22**	**Sep-22**	**Oct-22**	**May–Oct**	**Nov–Oct**
28	**Typical Usage (Therms)**	1,340	1,718	1,891	2,207	1,964	1,672	10,793	1,339	1,123	1,070	1,088	8,875	1,097	14,592	25,385
29	Energy Efficiency	$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426		$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426	$ 0.0426		
30	Energy Efficiency Amount	$ 57.01	$ 73.12	$ 80.48	$ 93.91	$ 83.57	$ 71.15	$ 459.25	$ 56.99	$ 47.77	$ 45.55	$ 46.29	$ 377.65	$ 46.66	$ 620.89	$ 1,080.14
31	Gas Holder	$ -	$ -	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ -	$ -		
32	Gas Holder Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
33	MGP	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		
34	MGP Amount	$ 20.7021	$ 26.5499	$ 29.2214	$ 34.0991	$ 30.3446	$ 25.8360	$ 166.75	$ 20.6919	$ 17.3444	$ 16.5376	$ 16.8081	$ 137.1240	$ 16.9415	$ 225.45	$ 392.20
35	Environmental	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155	$ 0.0155		
36	Total Environmental	$ 20.70	$ 26.55	$ 29.22	$ 34.10	$ 30.34	$ 25.84	$ 166.75	$ 20.69	$ 17.34	$ 16.54	$ 16.81	$ 137.12	$ 16.94	$ 225.45	$ 392.20
37	RDAF	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039		$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039	$ 0.0039		
38	RDAF amount	$ 5.23	$ 6.70	$ 7.38	$ 8.61	$ 7.66	$ 6.52	$ 42.09	$ 5.22	$ 4.38	$ 4.17	$ 4.24	$ 34.61	$ 4.28	$ 56.91	$ 99.00
39	PTAM	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142		$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142	$ 0.0142		
40	PTAM amount	$ 19.03	$ 24.40	$ 26.86	$ 31.34	$ 27.89	$ 23.75	$ 153.26	$ 19.02	$ 15.94	$ 15.20	$ 15.45	$ 126.03	$ 15.57	$ 207.21	$ 360.47
41	RCE	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074		$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074	$ 0.0074		
42	RCE Amount	$ 9.92	$ 12.72	$ 14.00	$ 16.33	$ 14.53	$ 12.37	$ 79.87	$ 9.91	$ 8.31	$ 7.92	$ 8.05	$ 65.68	$ 8.11	$ 107.98	$ 187.85
43	GAP	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156		$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156	$ 0.0156		
44	GAP Amount	$ 20.90	$ 26.81	$ 29.51	$ 34.43	$ 30.64	$ 26.09	$ 168.37	$ 20.89	$ 17.51	$ 16.70	$ 16.97	$ 138.46	$ 17.11	$ 227.64	$ 396.01
45	Total LDAC	$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991		$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991	$ 0.0991		
46	Total LDAC Amount	$ 132.79	$ 170.30	$ 187.43	$ 218.72	$ 194.64	$ 165.72	$ 1,069.59	$ 132.72	$ 111.25	$ 106.08	$ 107.81	$ 879.55	$ 108.67	$ 1,446.07	$ 2,515.67

47	**LDAC Bill Impact : Commercial/Industrial Sales Customers and Commercial/Industrial Transportation Customers (Rate Codes G-52)**														
48								**Winter**							**Summer**	**Total**
49		**Nov-22**	**Dec-22**	**Jan-23**	**Feb-23**	**Mar-23**	**Apr-23**	**Nov-Apr**	**May-23**	**Jun-23**	**Jul-23**	**Aug-23**	**Sep-23**	**Oct-23**	**May–Oct**	**Nov–Oct**
50	Energy Efficiency	$ 2.48	$ 3.1791	$ 3.4990	$ 4.0831	$ 3.6335	$ 3.0936		$ 2.4777	$ 2.0768	$ 1.9802	$ 2.0126	$ 16.4194	$ 2.0286		
51	Energy Efficiency Amount	4.3%	$ 0.04	$ 0.04	$ 0.04	$ 0.04	$ 0.04	$ 0.26	$ 0.04	$ 0.04	$ 0.04	$ 0.04	$ 0.04	$ 0.04	$ 0.26	$ 0.52
52	Environmental	$ (10.53)	$ (13.5079)	$ (14.8671)	$ (17.3487)	$ (15.4385)	$ (13.1447)		$ (10.5275)	$ (8.8244)	$ (8.4139)	$ (8.5515)	$ (69.7650)	$ (8.6194)		
53	Total Environmental	-50.9%	$ (0.51)	$ (0.51)	$ (0.51)	$ (0.51)	$ (0.51)	$ (3.05)	$ (0.51)	$ (0.51)	$ (0.51)	$ (0.51)	$ (0.51)	$ (0.51)	$ (3.05)	$ (6.11)
54	RDAF	$ (5.23)	$ (6.7019)	$ (7.3763)	$ (8.6075)	$ (7.6598)	$ (6.5217)		$ (5.2232)	$ (4.3782)	$ (4.1745)	$ (4.2428)	$ (34.6138)	$ (4.2765)		
55	RDAF amount	-100.0%	$ (1.00)	$ (1.00)	$ (1.00)	$ (1.00)	$ (1.00)	$ (6.00)	$ (1.00)	$ (1.00)	$ (1.00)	$ (1.00)	$ (1.00)	$ (1.00)	$ (6.00)	$ (12.00)
56	PTAM	$ (2.47)	$ (3.1739)	$ (3.4932)	$ (4.0763)	$ (3.6275)	$ (3.0885)		$ (2.4736)	$ (2.0734)	$ (1.9769)	$ (2.0093)	$ (16.3922)	$ (2.0252)		
57	PTAM amount	-13.0%	$ (0.13)	$ (0.13)	$ (0.13)	$ (0.13)	$ (0.13)	$ (0.78)	$ (0.13)	$ (0.13)	$ (0.13)	$ (0.13)	$ (0.13)	$ (0.13)	$ (0.78)	$ (1.56)
58	RCE	$ 4.96	$ 6.3582	$ 6.9980	$ 8.1661	$ 7.2670	$ 6.1873		$ 4.9553	$ 4.1537	$ 3.9605	$ 4.0252	$ 32.8387	$ 4.0572		
59	RCE Amount	50.0%	$ 0.50	$ 0.50	$ 0.50	$ 0.50	$ 0.50	$ 3.00	$ 0.50	$ 0.50	$ 0.50	$ 0.50	$ 0.50	$ 0.50	$ 3.00	$ 6.00
60	GAP	$ 6.30	$ 8.0767	$ 8.8894	$ 10.3732	$ 9.2310	$ 7.8595		$ 6.2946	$ 5.2763	$ 5.0308	$ 5.1131	$ 41.7141	$ 5.1537		
61	GAP Amount	30.1%	$ 0.30	$ 0.30	$ 0.30	$ 0.30	$ 0.30	$ 1.81	$ 0.30	$ 0.30	$ 0.30	$ 0.30	$ 0.30	$ 0.30	$ 1.81	$ 3.62
62	Total LDAC	$ (4.50)	$ (5.7696)	$ (6.3502)	$ (7.4102)	$ (6.5943)	$ (5.6145)	$ (36.24)	$ (4.50)	$ (3.77)	$ (3.59)	$ (3.65)	$ (29.80)	$ (3.68)	$ (48.99)	$ (85.23)
63	Total LDAC Amount	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%	-3.4%

At the end of the recovery period, any under or over recovery will be included in an active LDAC component, as approved by the Commission. No carrying charges shall be included in the RCEF beginning June 1, 2023.

8. Application of RCE to Bills: The RCE ($ per therm) shall be calculated to the nearest one one-hundredth of a cent per therm and shall be applied to the monthly firm gas sales and firm delivery service throughput by being included in the determination of the annual LDAC, and also shall be included in the Distribution Adjustment of the Delivery Charges of each firm customer's bill.

9. Information to be Filed with the NHPUC: Information pertaining to the RCE will be filed with the NHPUC consistent with the filing requirements of all cost and revenue information included in the LDAC. The RCE filing will contain the calculation of the new RCE and will include the updated RCE reconciliation balance.

G. Recoverable Gas Assistance Program Costs.

1. Purpose: The purpose of this provision is to establish a procedure that allows the Company, subject to the jurisdiction of the NHPUC, to recover the revenue shortfall (costs) associated with customers participating in the Gas Assistance Program ("GAP"). Such costs, as well as, associated administrative and marketing costs shall be recovered by applying a GAP rate to all firm sales and transportation service throughput.

2. GAP Rate shall be applied to all firm sales and transportation tariff customers. The GAP Rate shall be filed with the Company's Winter season Cost of Gas Clause filing and shall be determined annually by the Company and be subject to review and approval by the Commission.

3. 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 GAP Rate applicable to all firm sales, delivery and transportation service throughput for the subsequent twelve-month period commencing with the calendar month of November.

4. GAP Costs Allowable for LDAC: The costs to be recovered through the GAP Rate shall comprised of the revenue shortfall calculated by forecasting the number of customers enrolled in the GAP and the associated volumetric billing determinants for the upcoming annual recovery period and applying those billing determinants to the difference between the regular and reduced gas assistance program residential base rates, plus the GAP discount applied to the cost of gas, administrative, marketing and startup costs. The GAP Rate shall be calculated by dividing the resulting costs, plus any prior period reconciling adjustment, by the forecast of annual firm sales and transportation service throughput.

5. GAP Factor Formula

GAPF = $\underline{GAP + A_{GAP}}$
A: TPev
where:

A: Tpev Forecast Annual Throughput Volumes of all firm sales and transportation tariffed customers eligible to receive firm delivery-only service from the Company.

GAP GAP costs comprising of the revenue shortfall associated with customer participation, plus administrative, marketing, IT and start-up costs.

RA_{GAP} GAP Reconciliation Adjustment - Account 1169-1756, inclusive of the associated Account 1169-1756 interest, as outlined in Section 19(G)(6).

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LIBERTY UTILITIES

Illustrative Twenty-first Revised Page 87
Superseding Twentieth Revised Page 87
Firm Rate Schedule

22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

II RATE SCHEDULES

	Rates Effective April 1, 2023 - April 30, 2023 Winter Period				Rates Effective June 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
Residential Non Heating - R-1								
Customer Charge per Month per Meter	$ 15.39			$ 15.39	$ 15.39			$ 15.39
All therms	$ 0.5129	$ 0.1326	$ 0.1113	$ 0.7568	$ 0.5129	$ 1.0269	$ 0.1180	$ 1.6578
Residential Heating - R-3								
Customer Charge per Month per Meter	$ 15.39			$ 15.39	$ 15.39			$ 15.39
Therms in the first block per month at	$ 0.6519	$ 0.1326	$ 0.1113	$ 0.8958	$ 0.6519	$ 1.0269	$ 0.1180	$ 1.7968
Residential Heating - R-4								
Customer Charge per Month per Meter	$ 8.47			$ 8.47	$ 15.39			$ 15.39
Therms in the first block per month at	$ 0.3585	$ 0.0729	$ 0.1113	$ 0.5427	$ 0.6519	$ 1.0269	$ 0.1180	$ 1.7968
Commercial/Industrial - G-41								
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	$ 0.1327	$ 0.0890	$ 0.7305	$ 0.5088	$ 1.0271	$ 0.0957	$ 1.6316
All therms over the first block per month at	$ 0.3550	$ 0.1327	$ 0.0890	$ 0.5767	$ 0.3550	$ 1.0271	$ 0.0957	$ 1.4778
Commercial/Industrial - G-42								
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	$ 0.1327	$ 0.0890	$ 0.6851	$ 0.4634	$ 1.0271	$ 0.0957	$ 1.5862
All therms over the first block per month at	$ 0.3212	$ 0.1327	$ 0.0890	$ 0.5429	$ 0.3212	$ 1.0271	$ 0.0957	$ 1.4440
Commercial/Industrial - G-43								
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	$ 0.1327	$ 0.0890	$ 0.5080	$ 0.1441	$ 1.0271	$ 0.0957	$ 1.2669
Commercial/Industrial - G-51								
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	$ 0.1322	$ 0.0890	$ 0.5282	$ 0.3070	$ 1.0266	$ 0.0957	$ 1.4293
All therms over the first block per month at	$ 0.2084	$ 0.1322	$ 0.0890	$ 0.4296	$ 0.2084	$ 1.0266	$ 0.0957	$ 1.3307
Commercial/Industrial - G-52								
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	$ 0.1322	$ 0.0890	$ 0.4859	$ 0.1978	$ 1.0266	$ 0.0957	$ 1.3201
All therms over the first block per month at	$ 0.1836	$ 0.1322	$ 0.0890	$ 0.4048	$ 0.1219	$ 1.0266	$ 0.0957	$ 1.2442
Commercial/Industrial - G-53								
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	$ 0.1322	$ 0.0890	$ 0.4063	$ 0.0968	$ 1.0266	$ 0.0957	$ 1.2191
Commercial/Industrial - G-54								
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	$ 0.1322	$ 0.0890	$ 0.2917	$ 0.0409	$ 1.0266	$ 0.0957	$ 1.1632

DATED: XXX

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: June 1, 2023

TITLE: President

Authorized by NHPUC Order No. XXX dated XXX, in Docket No. DG 20-105

23 FIRM RATE SCHEDULES - KEENE CUSTOMERS

II RATE SCHEDULES

	Rates Effective April 1, 2023 - April 30, 2023 Winter Period				Rates Effective June 1 , 2023 - October 31, 2023 Summer Period			
	Delivery Charge	Cost of Gas Rate Page 97	LDAC Page 101	Total Rate	Delivery Charge	Cost of Gas Rate Page 93	LDAC Page 101	Total Rate
Residential Non Heating - R-1								
Customer Charge per Month per Meter	$ 15.39			$ 15.39	$ 15.39			$ 15.39
All therms	$ 0.5129	$ 2.6520	$ 0.1113	$ 3.2762	$ 0.5129	$ 1.9203	$ 0.1180	$ 2.5512
Residential Heating - R-3								
Customer Charge per Month per Meter	$ 15.39			$ 15.39	$ 15.39			$ 15.39
Therms in the first block per month at	$ 0.6519	$ 2.6520	$ 0.1113	$ 3.4152	$ 0.6519	$ 1.9203	$ 0.1180	$ 2.6902
Residential Heating - R-4								
Customer Charge per Month per Meter	$ 8.47			$ 8.47	$ 15.39			$ 15.39
Therms in the first block per month at	$ 0.3585	$ 1.4586	$ 0.1113	$ 1.9284	$ 0.6519	$ 1.9203	$ 0.1180	$ 2.6902
Commercial/Industrial - G-41								
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	$ 2.6520	$ 0.0890	$ 3.2498	$ 0.5088	$ 1.9203	$ 0.0957	$ 2.5248
All therms over the first block per month at	$ 0.3550	$ 2.6520	$ 0.0890	$ 3.0960	$ 0.3550	$ 1.9203	$ 0.0957	$ 2.3710
Commercial/Industrial - G-42								
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	$ 2.6520	$ 0.0890	$ 3.2044	$ 0.4634	$ 1.9203	$ 0.0957	$ 2.4794
All therms over the first block per month at	$ 0.3212	$ 2.6520	$ 0.0890	$ 3.0622	$ 0.3212	$ 1.9203	$ 0.0957	$ 2.3372
Commercial/Industrial - G-43								
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	$ 2.6520	$ 0.0890	$ 3.0273	$ 0.1441	$ 1.9203	$ 0.0957	$ 2.1601
Commercial/Industrial - G-51								
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	$ 2.6520	$ 0.0890	$ 3.0480	$ 0.3070	$ 1.9203	$ 0.0957	$ 2.3230
All therms over the first block per month at	$ 0.2084	$ 2.6520	$ 0.0890	$ 2.9494	$ 0.2084	$ 1.9203	$ 0.0957	$ 2.2244
Commercial/Industrial - G-52								
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	$ 2.6520	$ 0.0890	$ 3.0057	$ 0.1978	$ 1.9203	$ 0.0957	$ 2.2138
All therms over the first block per month at	$ 0.1836	$ 2.6520	$ 0.0890	$ 2.9246	$ 0.1219	$ 1.9203	$ 0.0957	$ 2.1379
Commercial/Industrial - G-53								
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	$ 2.6520	$ 0.0890	$ 2.9261	$ 0.0968	$ 1.9203	$ 0.0957	$ 2.1128
Commercial/Industrial - G-54								
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	$ 2.6520	$ 0.0890	$ 2.8115	$ 0.0409	$ 1.9203	$ 0.0957	$ 2.0569

DATED: XXX   ISSUED BY: /s/Neil Proudman
Neil Proudman
EFFECTIVE: June 1, 2023   TITLE: President

Authorized by NHPUC Order No. XXX dated XXX, in Docket No. DG 20-105

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

II RATE SCHEDULES

	Rates Effective April 1, 2023 - April 30, 2023 Winter Period				Rates Effective June 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
Residential Non Heating - R-5								
Customer Charge per Month per Meter	$ 20.01			$ 20.01	$ 20.01			$ 20.01
All therms	$ 0.6668	$ 0.1326	$ 0.1113	$ 0.9107	$ 0.6668	$ 1.0269	$ 0.1180	$ 1.8117
Residential Heating - R-6								
Customer Charge per Month per Meter	$ 20.01			$ 20.01	$ 20.01			$ 20.01
Therms in the first block per month at	$ 0.8475	$ 0.1326	$ 0.1113	$ 1.0914	$ 0.8475	$ 1.0269	$ 0.1180	$ 1.9924
Residential Heating - R-7								
Customer Charge per Month per Meter	$ 11.01			$ 11.01	$ 20.01			$ 20.01
Therms in the first block per month at	$ 0.4661	$ 0.0729	$ 0.1113	$ 0.6503	$ 0.8475	$ 1.0269	$ 0.1180	$ 1.9924
Commercial/Industrial - G-44								
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	$ 0.1327	$ 0.0890	$ 0.8831	$ 0.6614	$ 1.0271	$ 0.0957	$ 1.7842
All therms over the first block per month at	$ 0.4614	$ 0.1327	$ 0.0890	$ 0.6831	$ 0.4614	$ 1.0271	$ 0.0957	$ 1.5842
Commercial/Industrial - G-45								
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	$ 0.1327	$ 0.0890	$ 0.8240	$ 0.6023	$ 1.0271	$ 0.0957	$ 1.7251
All therms over the first block per month at	$ 0.4175	$ 0.1327	$ 0.0890	$ 0.6392	$ 0.4175	$ 1.0271	$ 0.0957	$ 1.5403
Commercial/Industrial - G-46								
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	$ 0.1327	$ 0.0890	$ 0.5939	$ 0.1873	$ 1.0271	$ 0.0957	$ 1.3101
Commercial/Industrial - G-55								
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	$ 0.1322	$ 0.0890	$ 0.6204	$ 0.3992	$ 1.0266	$ 0.0957	$ 1.5215
All therms over the first block per month at	$ 0.2710	$ 0.1322	$ 0.0890	$ 0.4922	$ 0.2710	$ 1.0266	$ 0.0957	$ 1.3933
Commercial/Industrial - G-56								
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	$ 0.1322	$ 0.0890	$ 0.5654	$ 0.2572	$ 1.0266	$ 0.0957	$ 1.3795
All therms over the first block per month at	$ 0.2387	$ 0.1322	$ 0.0890	$ 0.4599	$ 0.1585	$ 1.0266	$ 0.0957	$ 1.2808
Commercial/Industrial - G-57								
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	$ 0.1322	$ 0.0890	$ 0.4619	$ 0.1259	$ 1.0266	$ 0.0957	$ 1.2482
Commercial/Industrial - G-58								
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	$ 0.1322	$ 0.0890	$ 0.3128	$ 0.0531	$ 1.0266	$ 0.0957	$ 1.1754

36 LOCAL DISTRIBUTION ADJUSTMENT CHARGE CALCULATION

Local Delivery Adjustment Charge Calculation

		Sales Customers	Transportation Customers	
Residential Non Heating Rates - R-1				
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	0.0076			
Environmental Surcharge (ES)		0.0076		
Revenue Decoupling Adjustment Factor (RDAF)		0.0000		
Property Tax Adjustment Mechanism (PTAM)		0.0124		
Rate Case Expense Factor (RCEF)		0.0111		
Gas Assistance Program (GAP)		0.0203		
LDAC		**0.1180**	**per therm**	
Residential Heating Rates - R-3, R-4, R-6, R-7				
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	0.0076			
Environmental Surcharge (ES)		0.0076		
Revenue Decoupling Adjustment Factor (RDAF)		0.0000		
Property Tax Adjustment Mechanism (PTAM)		0.0124		
Rate Case Expense Factor (RCEF)		0.0111		
Gas Assistance Program (GAP)		0.0203		
LDAC		**0.1180**	**per therm**	
Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55				
Energy Efficiency Charge	0.0444			
Demand Side Management Charge	0.0000			
Conservation Charge (CCx)		0.0444	0.0444	
Relief Holder and pond at Gas Street, Concord, NH	0.0000			
Manufactured Gas Plants	0.0076			
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)		0.0111	0.0111	
Gas Assistance Program (GAP)		0.0203	0.0203	
LDAC		**0.0957**	**0.0957**	**per therm**
Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56				
Energy Efficiency Charge	0.0444			
Demand Side Management Charge	0.0000			
Conservation Charge (CCx)		0.0444	0.0444	
Relief Holder and pond at Gas Street, Concord, NH	0.0000			
Manufactured Gas Plants	0.0076			
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)		0.0111	0.0111	
Gas Assistance Program (GAP)		0.0203	0.0203	
LDAC		**0.0957**	**0.0957**	**per therm**
Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54, G-46, G-56, G-57, G-58				
Energy Efficiency Charge	0.0444			
Demand Side Management Charge	0.0000			
Conservation Charge (CCx)		0.0444	0.0444	
Relief Holder and pond at Gas Street, Concord, NH	0.0000			
Manufactured Gas Plants	0.0076			
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)		0.0111	0.0111	
Gas Assistance Program (GAP)		0.0203	0.0203	
LDAC		**0.0957**	**0.0957**	**per therm**

DATED: XXX ISSUED BY: /s/Neil Proudman
Neil Proudman
EFFECTIVE: June 1, 2023 TITLE: President

Authorized by NHPUC Order No. XXX dated XXX, in Docket No. DG 20-105

At the end of the recovery period, any under or over recovery will be included in an active LDAC component, as approved by the Commission. No carrying charges shall be included in the RCEF beginning June 1, 2023.

8. Application of RCE to Bills: The RCE ($ per therm) shall be calculated to the nearest one one-hundredth of a cent per therm and shall be applied to the monthly firm gas sales and firm delivery service throughput by being included in the determination of the annual LDAC, and also shall be included in the Distribution Adjustment of the Delivery Charges of each firm customer's bill.

9. Information to be Filed with the NHPUC: Information pertaining to the RCE will be filed with the NHPUC consistent with the filing requirements of all cost and revenue information included in the LDAC. The RCE filing will contain the calculation of the new RCE and will include the updated RCE reconciliation balance.

G. Recoverable Gas Assistance Program Costs.

1. Purpose: The purpose of this provision is to establish a procedure that allows the Company, subject to the jurisdiction of the NHPUC, to recover the revenue shortfall (costs) associated with customers participating in the Gas Assistance Program ("GAP"). Such costs, as well as, associated administrative and marketing costs shall be recovered by applying a GAP rate to all firm sales and transportation service throughput.

2. GAP Rate shall be applied to all firm sales and transportation tariff customers. The GAP Rate shall be filed with the Company's Winter season Cost of Gas Clause filing and shall be determined annually by the Company and be subject to review and approval by the Commission.

3. 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 GAP Rate applicable to all firm sales, delivery and transportation service throughput for the subsequent twelve-month period commencing with the calendar month of November.

4. GAP Costs Allowable for LDAC: The costs to be recovered through the GAP Rate shall comprised of the revenue shortfall calculated by forecasting the number of customers enrolled in the GAP and the associated volumetric billing determinants for the upcoming annual recovery period and applying those billing determinants to the difference between the regular and reduced gas assistance program residential base rates, plus the GAP discount applied to the cost of gas, administrative, marketing and startup costs. The GAP Rate shall be calculated by dividing the resulting costs, plus any prior period reconciling adjustment, by the forecast of annual firm sales and transportation service throughput.

5. GAP Factor Formula

$GAPF = \underline{GAP + A_{GAP}}$
A: TPev
where:

A: Tpev Forecast Annual Throughput Volumes of all firm sales and transportation tariffed customers eligible to receive firm delivery-only service from the Company.

GAP GAP costs comprising of the revenue shortfall associated with customer participation, plus administrative, marketing, IT and start-up costs.

RA_{GAP} GAP Reconciliation Adjustment - Account 1169-1756, inclusive of the associated

Account 1169-1756 interest, as outlined in Section 19(G)(6).

22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

II RATE SCHEDULES

	Rates Effective April 1, 2023 - April 30, 2023 Winter Period				~~Rates Effective May 1, 2023 - October 31, 2023~~ Rates Effective June 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
Residential Non Heating - R-1								
Customer Charge per Month per Meter	$ 15.39			$ 15.39	$ 15.39			$ 15.39
All therms	$ 0.5129	$ 0.1326	$ 0.1113	$ 0.7568	$ 0.5129	$ 1.0269	$ 0.1180 ~~$ 0.1113~~	$ 1.6578 ~~$ 1.6511~~
Residential Heating - R-3								
Customer Charge per Month per Meter	$ 15.39			$ 15.39	$ 15.39			$ 15.39
Therms in the first block per month at	$ 0.6519	$ 0.1326	$ 0.1113	$ 0.8958	$ 0.6519	$ 1.0269	$ 0.1180 ~~$ 0.1113~~	$ 1.7968 ~~$ 1.7901~~
Residential Heating - R-4								
Customer Charge per Month per Meter	$ 8.47			$ 8.47	$ 15.39			$ 15.39
Therms in the first block per month at	$ 0.3585	$ 0.0729	$ 0.1113	$ 0.5427	$ 0.6519	$ 1.0269	$ 0.1180 ~~$ 0.1113~~	$ 1.7968 ~~$ 1.7901~~
Commercial/Industrial - G-41								
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	$ 0.1327	$ 0.0890	$ 0.7305	$ 0.5088	$ 1.0271	$ 0.0957 ~~$ 0.0890~~	$ 1.6316 ~~$ 1.6249~~
All therms over the first block per month at	$ 0.3550	$ 0.1327	$ 0.0890	$ 0.5767	$ 0.3550	$ 1.0271	$ 0.0957 ~~$ 0.0890~~	$ 1.4778 ~~$ 1.4711~~
Commercial/Industrial - G-42								
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	$ 0.1327	$ 0.0890	$ 0.6851	$ 0.4634	$ 1.0271	$ 0.0957 ~~$ 0.0890~~	$ 1.5862 ~~$ 1.5795~~
All therms over the first block per month at	$ 0.3212	$ 0.1327	$ 0.0890	$ 0.5429	$ 0.3212	$ 1.0271	$ 0.0957 ~~$ 0.0890~~	$ 1.4440 ~~$ 1.4373~~
Commercial/Industrial - G-43								
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	$ 0.1327	$ 0.0890	$ 0.5080	$ 0.1441	$ 1.0271	$ 0.0957 ~~$ 0.0890~~	$ 1.2669 ~~$ 1.2602~~
Commercial/Industrial - G-51								
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	$ 0.1322	$ 0.0890	$ 0.5282	$ 0.3070	$ 1.0266	$ 0.0957 ~~$ 0.0890~~	$ 1.4293 ~~$ 1.4226~~
All therms over the first block per month at	$ 0.2084	$ 0.1322	$ 0.0890	$ 0.4296	$ 0.2084	$ 1.0266	$ 0.0957 ~~$ 0.0890~~	$ 1.3307 ~~$ 1.3240~~
Commercial/Industrial - G-52								
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	$ 0.1322	$ 0.0890	$ 0.4859	$ 0.1978	$ 1.0266	$ 0.0957 ~~$ 0.0890~~	$ 1.3201 ~~$ 1.3134~~
All therms over the first block per month at	$ 0.1836	$ 0.1322	$ 0.0890	$ 0.4048	$ 0.1219	$ 1.0266	$ 0.0957 ~~$ 0.0890~~	$ 1.2442 ~~$ 1.2375~~
Commercial/Industrial - G-53								
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	$ 0.1322	$ 0.0890	$ 0.4063	$ 0.0968	$ 1.0266	$ 0.0957 ~~$ 0.0890~~	$ 1.2191 ~~$ 1.2124~~
Commercial/Industrial - G-54								
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	$ 0.1322	$ 0.0890	$ 0.2917	$ 0.0409	$ 1.0266	$ 0.0957 ~~$ 0.0890~~	$ 1.1632 ~~$ 1.1565~~

DATED: ~~March 24, 2023~~XXX

EFFECTIVE: ~~April 1, 2023~~June 1, 2023

ISSUED BY: /s/Neil Proudman
Neil Proudman

TITLE: President

Authorized by NHPUC Order No. XXX dated XXX, in Docket No. DG 20-105
~~Authorized by NHPUC Order No. 26,715 dated October 31, 2022, in Docket No. DG 22-045 and NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057~~

NHPUC NO. 11 GAS
LIBERTY UTILITIES

Illustrative Twenty-third Revised Page 88
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Firm Rate Schedule

23 FIRM RATE SCHEDULES - KEENE CUSTOMERS

II RATE SCHEDULES

	Rates Effective April 1, 2023 - April 30, 2023 Winter Period				~~Rates Effective October 1, 2022 - October 31, 2022~~ Rates Effective June 1, 2023 - October 31, 2023 Summer Period			
	Delivery Charge	Cost of Gas Rate Page 97	LDAC Page 101	Total Rate	Delivery Charge	Cost of Gas Rate Page 93	LDAC Page 101	Total Rate
Residential Non Heating - R-1								
Customer Charge per Month per Meter	$ 15.39			$ 15.39	$ 15.39			$ 15.39
All therms	$ 0.5129	$ 2.6520	$ 0.1113	$ 3.2762	$ 0.5129	$ 1.9203	$ 0.1180	$ 2.5512
							~~$ 0.1113~~	~~$ 2.5445~~
Residential Heating - R-3								
Customer Charge per Month per Meter	$ 15.39			$ 15.39	$ 15.39			$ 15.39
Therms in the first block per month at	$ 0.6519	$ 2.6520	$ 0.1113	$ 3.4152	$ 0.6519	$ 1.9203	$ 0.1180	$ 2.6902
							~~$ 0.1113~~	~~$ 2.6835~~
Residential Heating - R-4								
Customer Charge per Month per Meter	$ 8.47			$ 8.47	$ 15.39			$ 15.39
Therms in the first block per month at	$ 0.3585	$ 1.4586	$ 0.1113	$ 1.9284	$ 0.6519	$ 1.9203	$ 0.1180	$ 2.6902
							~~$ 0.1113~~	~~$ 2.6835~~
Commercial/Industrial - G-41								
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	$ 2.6520	$ 0.0890	$ 3.2498	$ 0.5088	$ 1.9203	$ 0.0957	$ 2.5248
							~~$ 0.0890~~	~~$ 2.5181~~
All therms over the first block per month at	$ 0.3550	$ 2.6520	$ 0.0890	$ 3.0960	$ 0.3550	$ 1.9203	$ 0.0957	$ 2.3710
							~~$ 0.0890~~	~~$ 2.3643~~
Commercial/Industrial - G-42								
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	$ 2.6520	$ 0.0890	$ 3.2044	$ 0.4634	$ 1.9203	$ 0.0957	$ 2.4794
							~~$ 0.0890~~	~~$ 2.4727~~
All therms over the first block per month at	$ 0.3212	$ 2.6520	$ 0.0890	$ 3.0622	$ 0.3212	$ 1.9203	$ 0.0957	$ 2.3372
							~~$ 0.0890~~	~~$ 2.3305~~
Commercial/Industrial - G-43								
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	$ 2.6520	$ 0.0890	$ 3.0273	$ 0.1441	$ 1.9203	$ 0.0957	$ 2.1601
							~~$ 0.0890~~	~~$ 2.1534~~
Commercial/Industrial - G-51								
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	$ 2.6520	$ 0.0890	$ 3.0480	$ 0.3070	$ 1.9203	$ 0.0957	$ 2.3230
							~~$ 0.0890~~	~~$ 2.3163~~
All therms over the first block per month at	$ 0.2084	$ 2.6520	$ 0.0890	$ 2.9494	$ 0.2084	$ 1.9203	$ 0.0957	$ 2.2244
							~~$ 0.0890~~	~~$ 2.2177~~
Commercial/Industrial - G-52								
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	$ 2.6520	$ 0.0890	$ 3.0057	$ 0.1978	$ 1.9203	$ 0.0957	$ 2.2138
							~~$ 0.0890~~	~~$ 2.2071~~
All therms over the first block per month at	$ 0.1836	$ 2.6520	$ 0.0890	$ 2.9246	$ 0.1219	$ 1.9203	$ 0.0957	$ 2.1379
							~~$ 0.0890~~	~~$ 2.1312~~
Commercial/Industrial - G-53								
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	$ 2.6520	$ 0.0890	$ 2.9261	$ 0.0968	$ 1.9203	$ 0.0957	$ 2.1128
							~~$ 0.0890~~	~~$ 2.1061~~
Commercial/Industrial - G-54								
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	$ 2.6520	$ 0.0890	$ 2.8115	$ 0.0409	$ 1.9203	$ 0.0957	$ 2.0569
							~~$ 0.0890~~	~~$ 2.0502~~

~~The last change to Summer Period rates was authorized by NHPUC Order No. 26,630 dated May 20, 2022, in Docket No. DG 22-015 for a cost of gas adjustment effective October 1-31, 2022.~~

DATED: ~~March 24, 2023~~XXX

EFFECTIVE: ~~April 1, 2023~~June 1, 2023

ISSUED BY: /s/Neil Proudman
Neil Proudman

TITLE: President

Authorized by NHPUC Order No. XXX dated XXX, in Docket No. DG 20-105

~~Authorized by NHPUC Order No. 26,716 dated October 31, 2022, in Docket No. DG 22-057 and NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057~~

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

II RATE SCHEDULES

	Rates Effective April 1, 2023 - April 30, 2023 Winter Period				~~Rates Effective May 1, 2023 - October 31, 2023~~ Rates Effective June 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
Residential Non Heating - R-5								
Customer Charge per Month per Meter	$ 20.01			$ 20.01	$ 20.01			$ 20.01
All therms	$ 0.6668	$ 0.1326	$ 0.1113	$ 0.9107	$ 0.6668	$ 1.0269	$ 0.1180	$ 1.8117
							~~$ 0.1113~~	~~$ 1.8050~~
Residential Heating - R-6								
Customer Charge per Month per Meter	$ 20.01			$ 20.01	$ 20.01			$ 20.01
Therms in the first block per month at	$ 0.8475	$ 0.1326	$ 0.1113	$ 1.0914	$ 0.8475	$ 1.0269	$ 0.1180	$ 1.9924
							~~$ 0.1113~~	~~$ 1.9857~~
Residential Heating - R-7								
Customer Charge per Month per Meter	$ 11.01			$ 11.01	$ 20.01			$ 20.01
Therms in the first block per month at	$ 0.4661	$ 0.0729	$ 0.1113	$ 0.6503	$ 0.8475	$ 1.0269	$ 0.1180	$ 1.9924
							~~$ 0.1113~~	~~$ 1.9857~~
Commercial/Industrial - G-44								
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	$ 0.1327	$ 0.0890	$ 0.8831	$ 0.6614	$ 1.0271	$ 0.0957	$ 1.7842
							~~$ 0.0890~~	~~$ 1.7775~~
All therms over the first block per month at	$ 0.4614	$ 0.1327	$ 0.0890	$ 0.6831	$ 0.4614	$ 1.0271	$ 0.0957	$ 1.5842
							~~$ 0.0890~~	~~$ 1.5775~~
Commercial/Industrial - G-45								
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	$ 0.1327	$ 0.0890	$ 0.8240	$ 0.6023	$ 1.0271	$ 0.0957	$ 1.7251
							~~$ 0.0890~~	~~$ 1.7184~~
All therms over the first block per month at	$ 0.4175	$ 0.1327	$ 0.0890	$ 0.6392	$ 0.4175	$ 1.0271	$ 0.0957	$ 1.5403
							~~$ 0.0890~~	~~$ 1.5336~~
Commercial/Industrial - G-46								
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	$ 0.1327	$ 0.0890	$ 0.5939	$ 0.1873	$ 1.0271	$ 0.0957	$ 1.3101
							~~$ 0.0890~~	~~$ 1.3034~~
Commercial/Industrial - G-55								
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	$ 0.1322	$ 0.0890	$ 0.6204	$ 0.3992	$ 1.0266	$ 0.0957	$ 1.5215
							~~$ 0.0890~~	~~$ 1.5148~~
All therms over the first block per month at	$ 0.2710	$ 0.1322	$ 0.0890	$ 0.4922	$ 0.2710	$ 1.0266	$ 0.0957	$ 1.3933
							~~$ 0.0890~~	~~$ 1.3866~~
Commercial/Industrial - G-56								
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	$ 0.1322	$ 0.0890	$ 0.5654	$ 0.2572	$ 1.0266	$ 0.0957	$ 1.3795
							~~$ 0.0890~~	~~$ 1.3728~~
All therms over the first block per month at	$ 0.2387	$ 0.1322	$ 0.0890	$ 0.4599	$ 0.1585	$ 1.0266	$ 0.0957	$ 1.2808
							~~$ 0.0890~~	~~$ 1.2741~~
Commercial/Industrial - G-57								
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	$ 0.1322	$ 0.0890	$ 0.4619	$ 0.1259	$ 1.0266	$ 0.0957	$ 1.2482
							~~$ 0.0890~~	~~$ 1.2415~~
Commercial/Industrial - G-58								
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	$ 0.1322	$ 0.0890	$ 0.3128	$ 0.0531	$ 1.0266	$ 0.0957	$ 1.1754
							~~$ 0.0890~~	~~$ 1.1687~~

DATED: ~~March 24, 2023~~XXX

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE:~~April 1, 2023~~June 1, 2023

TITLE: President

Authorized by NHPUC Order No. XXX dated XXX, in Docket No. DG 20-105

~~Authorized by NHPUC Order No. 26,715 dated October 31, 2022, in Docket No. DG 22-045 and NHPUC Order No. 26,737 dated November 30, 2022, in Docket Nos. DG 22-045 and DG 22-057~~

36 LOCAL DISTRIBUTION ADJUSTMENT CHARGE CALCULATION

Local Delivery Adjustment Charge Calculation

			Sales Customers	Transportation Customers	
Residential Non Heating Rates - R-1					
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		0.0076			
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~~		0.0111		
Gas Assistance Program (GAP)			0.0203		
LDAC	~~0.1113~~		**0.1180**	**per therm**	
Residential Heating Rates - R-3, R-4, R-6, R-7					
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		0.0076			
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~~		0.0111		
Gas Assistance Program (GAP)			0.0203		
LDAC	~~0.1113~~		**0.1180**	**per therm**	
Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55					
Energy Efficiency Charge		0.0444			
Demand Side Management Charge		0.0000			
Conservation Charge (CCx)			0.0444	0.0444	
Relief Holder and pond at Gas Street, Concord, NH		0.0000			
Manufactured Gas Plants		0.0076			
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~~		0.0111	0.0111	
Gas Assistance Program (GAP)			0.0203	0.0203	
LDAC	~~0.0890~~		**0.0957**	**0.0957**	**per therm**
Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56					
Energy Efficiency Charge		0.0444			
Demand Side Management Charge		0.0000			
Conservation Charge (CCx)			0.0444	0.0444	
Relief Holder and pond at Gas Street, Concord, NH		0.0000			
Manufactured Gas Plants		0.0076			
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~~		0.0111	0.0111	
Gas Assistance Program (GAP)			0.0203	0.0203	
LDAC	~~0.0890~~		**0.0957**	**0.0957**	**per therm**
Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54, G-46, G-56, G-57, G-58					
Energy Efficiency Charge		0.0444			
Demand Side Management Charge		0.0000			
Conservation Charge (CCx)			0.0444	0.0444	
Relief Holder and pond at Gas Street, Concord, NH		0.0000			
Manufactured Gas Plants		0.0076			
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~~		0.0111	0.0111	
Gas Assistance Program (GAP)			0.0203	0.0203	
LDAC	~~0.0890~~		**0.0957**	**0.0957**	**per therm**

DATED: ~~February 7, 2023~~XXX

ISSUED BY: /s/Neil Proudman
Neil Proudman

EFFECTIVE: ~~January 1, 2023~~June 1, 2023

TITLE: President

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