STATE OF NEW HAMPSHIRE BEFORE THE PUBLIC UTILITIES COMMISSION

Docket No. DG 23-067

Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Distribution Service Rate Case Temporary Rates

DIRECT TESTIMONY

OF

TYLER J CULBERTSON

AND

C. DREW CAYTON

July 27, 2023



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# LIST OF ATTACHMENTS

Attachment TJC/CDC-TEMP-1	Schedule T – Temporary Rate Increase
Attachment TJC/CDC-TEMP-2	Bill Impacts – Temporary Rates
Attachment TJC/CDC-TEMP-3	Curriculum Vitae of C. Drew Cayton

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# 1 I. <u>INTRODUCTION</u>

- 2 Q. Please state your full name, business address, and position.
- 3 A. My name is Tyler J Culbertson. Since May 2023, I am employed by Liberty Utilities
- 4 Service Corp. ("LUSC") as the Director of Rates and Regulatory Affairs for Liberty
- 5 Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty ("Liberty EnergyNorth" or the
- "Company") and Liberty Utilities (Granite State Electric) Corp. ("Liberty GSE"). LUSC,
- 7 Liberty EnergyNorth, and Liberty GSE are direct subsidiaries of Liberty Utilities Co.
- 8 ("Liberty"). My business address is 15 Buttrick Road, Londonderry, New Hampshire.
- 9 Q. On whose behalf are you submitting this testimony?
- 10 A. I am submitting testimony in this proceeding before the New Hampshire Public Utilities
- 11 Commission ("Commission") on behalf of Liberty EnergyNorth.
- 12 Q. Please describe your educational and professional background.
- 13 A. I graduated from the University of Iowa in 2009 with a Bachelor of Science degree in
- Accounting, and I have held an active Certified Public Accountant ("CPA") license since
- 2012. Prior to accepting my position, I was employed by DCP Midstream as the Senior
- Manager of Regulatory Affairs from 2015 to 2023. My responsibility at DCP Midstream
- was to ensure company-wide compliance with the economic regulations of the Federal
- Energy Regulatory Commission and various state regulatory agencies. From 2014 to
- 2015, I was a Senior Rate Analyst for Tallgrass Energy, and from 2010 to 2014, I was a
- 20 Rate Analyst for SourceGas (now Black Hills Energy).

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1 <b>Q.</b>	Please describe you	r duties for	Liberty Ener	gyNorth.
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- 2 A. As Director of Rates and Regulatory Affairs, I am primarily responsible for rates
- 3 regulatory affairs for Liberty EnergyNorth and Liberty GSE.
- 4 Q. Have you previously testified in regulatory proceedings before the New Hampshire
- 5 **Public Utilities Commission ("Commission")?**
- 6 A. Yes. I testified in a regulatory proceeding before the Commission in Docket No. DE 23-
- 7 044 in support of Liberty GSE's Default Energy Service rates.
- 8 Q. Mr. Cayton, please state your full name, business address, and position.
- 9 A. My name is C. Drew Cayton. My business address is 11401 Lamar Ave., Overland Park,
- Kansas, 66221. I am employed by Black and Veatch Management Consulting, LLC as a
- 11 Principal Consultant.
- 12 Q. Please describe your business and educational background.
- 13 A. I am an economic consultant with more than fifteen years of experience regarding rate-
- making and regulatory issues involving state and federally regulated utilities, including
- seven years as an Energy Industry Analyst at the Federal Energy Regulatory Commission
- 16 ("FERC") in the Office of Administrative Litigation. I hold a Bachelor of Arts in
- Political Science and a Master's in Public Administration from the University of North
- 18 Carolina at Wilmington. A copy of my curriculum vitae is included as Attachment
- 19 TJC/CDC-TEMP-3.

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- 1 Q. What are your responsibilities in your current position?
- 2 A. As a member of Black and Veatch Management Consulting, LLC's Global Advisory
- practice, my responsibilities include providing advisory services that address strategic,
- financial, reputational, and regulatory needs of energy and utility clients. My primary
- areas of focus are regulatory advisory, accounting, civil litigation, and financial analysis.
- 6 Q. Have you testified before the Commission?
- 7 A. No, I have not.
- 8 Q. What is the purpose of your testimony?
- 9 A. The purpose of this testimony is to support the Company's request for the Commission to 10 set new distribution rates effective October 1, 2023, as temporary rates pursuant to RSA
- 378:27, assuming the Commission suspends the Company's proposed tariff pages for a
- permanent rate increase. Specifically, our testimony explains why the Company is
- requesting authority to set temporary rates; provides the level of temporary rates sought
- by the Company; explains the adjustments incorporated into the Company's revenue
- requirement calculation; and provides the impact of the temporary rates on customers'
- bills.
- 17 Q. Are you sponsoring any attachments and schedules?
- 18 A. Yes. In addition to Mr. Cayton's curriculum vitae in Attachment TJC/CDC-TEMP-3, we are sponsoring the following attachments and schedules:
- Attachment TJC/CDC-TEMP-1, which includes the following schedule:

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- Schedule T Temporary Rates Revenue Requirement and Revenue
   Deficiency (all schedule references in this testimony are to Schedule T).
- Attachment TJC/ CDC-TEMP-2, which provides the bill impact analysis for
   temporary rates.

# II. NEED FOR TEMPORARY RATE RELIEF

- 6 Q. Can you please summarize the reasons the Company is requesting temporary rate
  7 relief at this time?
- Liberty EnergyNorth is requesting authority to implement temporary rates effective 8 A. October 1, 2023, primarily due to the revenue deficiency created by the difference 9 between the capital investments made since the Company's last rate case in 2019 and the 10 11 current level of base-rate revenue allowed in distribution rates. The Company's most recent rate case was Docket No. DG 20-105 and was based on a 2019 test year and 12 included two step adjustments for plant additions in 2020 and 2021. As explained in 13 14 more detail in the testimony of Company witnesses Tracy A. Mustoe and Bradford R. Marx, the Company made additional capital investments of approximately \$123.1 million 15 in 2020, 2021, and 2022 that are not being recovered in rates. The Company's request 16 for temporary rate relief is necessary to address the revenue deficiency due to these 17 unrecovered capital investments. 18

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Q. Please discuss the capital investments that are driving the Company's request for temporary rate relief.

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As noted above, the principal driver of the Company's request for temporary rate relief is to allow for the recovery of the cost of significant distribution system investments implemented since the Company's last step adjustment, which are not reflected in rates. The current level of base-rate revenue is insufficient to allow the Company an opportunity to earn a fair rate of return, as demonstrated by the financial results of the Company in the test year (twelve months ended December 31, 2022). If the deficiency is not addressed, the Company will experience additional financial degradation during the course of the Commission's review of the permanent rate request. The Company's capital investments are comprised of investments for growth and non-growth capital in its distribution system. Because the Company's customer base grows each year, the Company installs new gas service lines off its existing gas mains or builds gas main extensions that include new service lines to accommodate this growth. Non-growthrelated investment is required to maintain system safety and address asset condition issues such as the replacement of leak prone pipe. While the Company has been allowed to recover some non-growth related plant investment between rate cases through the two step adjustments granted in the last rate case, the growth related plant investment is not currently being recovered in Liberty EnergyNorth's distribution rates.

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1	Q.	Are the Company's current rates sufficient to allow it to earn a reasonable return
2		on rate base?
3	A.	No, they are not. For the 12-month period ended December 31, 2022 ("Test Year"), the
4		Company's earned return on rate base for the distribution portion of its business was
5		4.99% as shown on line 23 of Schedule T. This is less than the allowed return on rate
6		base of 7.1% computed using the Company's last authorized return on equity of 9.3%,
7		established by the Commission in Order No. 26,505 (July 30, 2021), and its current cost
8		of debt and capital structure (Schedule T, lines 93-95). As a result, Liberty
9		EnergyNorth's financial situation is not sustainable, compelling the Company to seek rate
10		relief so that there are sufficient revenues to support utility operation and continued
11		investment in the safe and reliable operation of the system.
12	III.	REVENUE REQUIREMENT ANALYSIS
13	Q.	What level of temporary rate increase does the Company's financial position
14		support?
15	A.	As shown on Schedule T, page 3, based on updated plant in service on December 31,
16		2022, the Company's financial position can support a temporary increase of \$15,287,114,
17		or a 14.94% increase in distribution revenue and a 6.83% increase in total revenue.
18	Q.	What level of temporary rate increase is the Company requesting?
10	Q.	what level of temporary rate merease is the company requesting.
19	A.	The Company requests temporary rates that would generate additional annual gross
19 20	A.	The Company requests temporary rates that would generate additional annual gross distribution revenue of \$15,287,114, which represents a 14.94% increase in distribution

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- rates take effect as of October 1, 2023, on a service-rendered basis, and that they be applied by increasing all rates under the existing rate design by a uniform percentage.
- 3 Q. How did you calculate the temporary rate deficiency of \$15,287,114?
- 4 A. We calculated the temporary rate deficiency by multiplying the 7.10% rate of return on rate base (described above) by rate base as of December 31, 2022, and then subtracting from that product the Company's actual return for the test year, with certain adjustments described below.
- 8 Q. Please provide an overview of Schedule T (Attachment TJC/CDC-TEMP-1).
- A. Schedule T (Attachment TJC/CDC-TEMP-1) provides the Company's Temporary

  Revenue Requirement of \$117,614,312. The Company has calculated a distribution

  revenue deficiency of \$15,287,114 based on adjusted Test Year revenues of

  \$102,327,198. The computation of the revenue deficiency reflects total rate base of

  \$527,760,229 and assumes a weighted cost of capital of 7.10%.
- 14 Q. Did you make any adjustments?

- 15 A. Yes, we made the following adjustments:
- 1) Removed revenue related to the cost of gas and the Local Delivery Adjustment

  Charge ("LDAC") (Schedule T, line 2).
  - 2) Removed revenue related to decoupling (Schedule T, line 3).
- 19 3) Removed the expenses associated with the cost of gas from the historical test year 20 (Schedule T, line 8).

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4) Adjusted distribution revenue (Schedule T, line 2) to agree with the separately computed cycle operating revenue presented in the testimony of Company witness Kenneth A. Sosnick.

- 5) Adjusted the amortization of certain ongoing regulatory assets including Costs to Achieve ("CTA") interest and NHDAS contract (Schedule T, line 30).
- 6) Included the excess accumulated deferred income tax liability amortizations as a credit to amortization expense. This amortization is reflective of the regulatory liability grossed-up for income taxes, as calculated using the Reverse South Georgia method (Schedule T, line 32). This item is also discussed in our direct testimony regarding the revenue requirement for permanent rates, as well as Schedule RR-EN-3-6 to that testimony.
- 7) Adjusted income tax expense for the adjusted information, based on statutory rates and synchronized interest expense (Schedule T, line 15 with the calculation provided on lines 59–89, Schedule T).
- Q. Why is the Company proposing normalizing adjustments to the cost of service in this filing?
- A. Although the Company relies substantially on unadjusted 2022 test year data in the development of the cost of service, it is important to make normalizing adjustments to the cost of service. One reason is that included in any representative test year are cost or revenue elements that are non-recurring, out-of-period, or otherwise not appropriate to be reflected in the revenue requirement. Similarly, to the extent that the test year excludes certain known-and-measurable cost or revenue elements that are understood to be

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- incurred on a continuing basis, those elements are appropriate for inclusion in the revenue requirement.
- 3 Q. Are the proposed normalizing adjustments consistent with the statute governing 4 temporary rates?
- Yes. Pursuant to RSA 378.27, temporary rates "shall be sufficient to yield not less than a reasonable return on the cost of the property of the utility used and useful in the public service less accrued depreciation, as shown by the reports of the utility filed with the commission, unless there appears to be reasonable ground for questioning the figures in such reports" (emphasis added). The adjustments described above are items that are necessary to reflect the results of distribution operations from a regulatory perspective; thus, they are appropriate for inclusion in the calculation of temporary rates.

# 12 IV. BILL IMPACTS

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- 13 Q. Has the Company calculated the bill impacts from the proposed temporary rates?
- 14 A. Yes. The bill impacts are shown in Attachment TJC/CDC-TEMP-2.
- 15 Q. Please describe the customer bill impacts of the temporary rates.
- 16 A. The annual bill impacts (as a percentage of the total bill) to various classes of customers
  17 are as follows:
  - For a residential heating customer (Rate R-3) using 765 therms per year, the annual increase is \$103.94 or 10.64% on a total bill basis.

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- For a low annual use, high winter use commercial/industrial customer (Rate G-41) using 2,560 therms per year, the annual increase is \$270.48, or 10.37% on a total bill basis.
  - For a medium annual use, high winter use commercial/industrial customer (Rate G-42) using 23,949 therms per year, the annual increase is \$1,694.05, or 8.45% on a total bill basis; and
  - For medium annual use, low winter use commercial/industrial customer (Rate G-52) using 21,644 therms per year, the annual increase is \$1,013.67, or 5.04% on a total bill basis.
- Additional information showing the bill impacts by rate class is provided in Attachment

  TJC/CDC-TEMP-2.
- 12 Q. Is the Company proposing any rate design changes associated with temporary
  13 rates?
- 14 A. Not at this time.

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# 15 V. <u>CONCLUSION</u>

- 16 Q. Please summarize why the Company is requesting a temporary rate increase.
- 17 A. The Company is seeking a temporary rate increase because its return on rate base for the
  18 historical test year ended December 31, 2022, as adjusted on Schedule T, was only
  19 4.99%, as compared to its allowed return of 7.1%. This is significantly less than the rate
  20 of return on equity approved by the Commission in the Company's last rate case filing
  21 (computed as described above) and is driven by the cost of capital investments since the

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- last rate case. Without a temporary rate increase, the Company will not have the opportunity to earn a reasonable return until a permanent rate order becomes effective.
- 3 Q. How does the request for temporary rates relate to the Company's request for a
  4 permanent rate increase?
- The Company has requested a permanent rate increase of \$27,549,837; and the calculated 5 A. 6 deficiency for temporary rate purposes is \$15,287,114 or 55.49% of that amount, which demonstrates that the deficiency is driven predominantly by test year results. Temporary 7 rates are proposed to be in effect until the establishment of permanent rates pursuant to 8 9 the Commission's final order in this rate case. The temporary rate increase will reduce, but not eliminate, regulatory lag while providing the Commission and parties to the 10 proceeding with sufficient opportunity to fully evaluate the Company's permanent rate 11 12 request. The temporary rate increase will also allow the Company to begin returning excess accumulated deferred income tax dollars related to recent New Hampshire 13 14 Business Profits Tax reductions to customers before permanent rates go into effect. The 15 temporary rates as requested will also provide a gradual transition to the permanent rates 16 ultimately approved by the Commission.

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Q. Do the proposed temporary rates provide no more than a reasonable return on the 1 cost of the property of the Company that is used and useful in the public service less 2 accrued depreciation, as shown by the reports of the Company filed with the 3 **Commission?** 4 A. Yes. With the proposed temporary rates, the Company will earn no more than a 5 reasonable return on its investment calculated on the books and records on file with the 6 Commission. As demonstrated in Attachment TJC/CDC-TEMP-1, Schedule T, the 7 Company's required level of temporary rates yields a rate of return equal to 7.1%. 8 9 Q. Are customers protected from being overcharged by temporary rates if the final rate decision is less than the temporary rates? 10 Yes, customers are protected because of the reconciling nature of temporary rates once 11 A. 12 permanent rates are established by the Commission. Does this conclude your testimony? 13 Q.

Yes, it does.

14

A.

## Liberty Utilities (EnergyNorth) Temporary Rate Increase Test Year Ended December 31, 2022

Line	Account	t Year Ended ember 31, 2022	Cost of Gas	Adj	justments	Distribution Operating Income		Proposed Temporary Increase	th Proposed Temporary Increase
1	Revenue								
2	Operating Revenue	\$ 209,490,317	\$ (110,661,385)	\$	(2,275,787)	\$ 96,553,144	\$	15,287,114	\$ 111,840,258
3	Decoupling Revenue	8,479,807	(8,479,807)		-	-		-	-
4	Indirect COG Revenue	3,893,588	-		-	3,893,588		-	3,893,588
5	Other Revenue	1,880,466	-		-	1,880,466		-	1,880,466
6	Revenue	\$ 223,744,178	\$ (119,141,193)	\$	(2,275,787)	\$ 102,327,198	\$	15,287,114	\$ 117,614,312
7									
8	Operating Expenses								
9	Operations and Maintenance - Gas	\$ 114,454,194	\$ (112,232,037)			\$ 2,222,157			\$ 2,222,157
10	Operations and Maintenance - Distribution	13,059,212	-			13,059,212			13,059,212
11	Customer Accounting	3,925,424	782,693			4,708,117			4,708,117
12	Sales & New Business	487,256	-			487,256			487,256
13	Administrative & General	12,266,440	-			12,266,440			12,266,440
14	Depreciation and Amortization	24,926,507	-		(2,944,134)	21,982,372			21,982,372
15	Taxes other than Income Taxes	15,457,322	-			15,457,322			15,457,322
16	Income Taxes	12,188,963	-		(6,358,544)	5,830,419		4,116,056	9,946,475
17	Operating Expenses	\$ 196,765,317	\$ (111,449,344)	\$	(9,302,678)	\$ 76,013,295	\$	4,116,056	\$ 80,129,350
18		 · · · · · ·							
19	Utility Net Income	\$ 26,978,861	\$ (7,691,849)	\$	7,026,891	\$ 26,313,903	\$	11,171,059	\$ 37,484,962
20	•								-
21	Rate Base		Line 48			\$ 527,760,229			\$ 527,760,229
22					=	, -,	•	·	, , ,
23	Rate of Return on Rate Base					4.99%			7.10%
24									

Docket No. DG 23-067 Attachment TJC/CDC-TEMP-1 Schedule T Page 2 of 3

Line	Description	Reference		Amount
25	Adjustments			
26	Adjust Operating Revenue	RR-3-EN-01		(2,275,787)
27	Adjustment to Operating Revenue	To Line 2	\$	(2,275,787)
28				
29	Adjust CTA, Concord Steam, and Depr Imbalance Amortization	RR-EN-3-5 & 6	\$	(551,702)
30	Adjustment to Amortization Expense	To Line 14	\$	(551,702)
31	· ·			
32	EADIT Amortization	RR-EN-3-6	\$	(2,392,432)
33	Adjustment to Amortization Expense	To Line 14	\$	(2,392,432)
34	J I			
35	Historical Test Year Income Taxes	Line 16	\$	12,188,963
36	Normalized Income Tax Expense	Line 78	,	5,830,419
37	Adjustment to Income Tax Expense	To Line 16	\$	(6,358,544)
38				(0,000,000)
39	Rate Base, 12/31/2022			
40	Utility Plant	RR-EN-5	\$	818,583,027
41	Accumulated Depreciation	RR-EN-5		(188,019,704)
42	Materials and Supplies	RR-EN-5-1		6,463,310
43	Customer Deposits	RR-EN-5-1		(3,027,697)
44	Cash Working Capital	Line 57		2,967,250
45	Regulatory Assets	RR-EN-5		12,610,917
46	Accumulated Deferred Income Taxes	RR-EN-5		(84,710,759)
47	Excess Accumulated Deferred Income Taxes	RR-EN-5		(37,106,114)
48	Total Rate Base		\$	527,760,229
49				
50	Cash Working Capital			
51	Operating Expenses, Taxes other than Income Taxes	Sum Line 9 thru 15	\$	70,182,876
52	Less: Depreciation and Amortization	Line 14		(21,982,372)
53	Income Taxes, Adjusted	Line 78		5,830,419
54	Less: Deferred Income Taxes	RR-EN-2-1-WP		(11,942,273)
55			\$	42,088,649
56	Cash Working Capital	25.72 days		7.05%
57			\$	2,967,250

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Line 6

\$

Reference

Line 19

Line 16

Line 19

Line 27

Line 5

Line 29

\$

Amount

26,978,861

12,188,963

(7,691,849)

(2,275,787)

2,944,134

223,744,178

6.83%

54.74%

Line

59

61

Description

Normalize Income Tax Expense

Net Income before Adjustments

Add Back: Income Tax Expense

Adjust Cost of Gas & LDAC

Adjust Amortization Expense

Adjust Operating Revenue

Adjust Other Revenue

Total Revenue

102 % of Permanent Increase

	Docker
	NO. L
Exhibit	70-07
	O

1	Winter Season (Jan Apr., Nov	Dec.)								
2	Residential Non-Heating (R1)									
3	PROPOSED									
4				Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
5	average Usage (Therms)			25	35	35	33	28	21	177
6										
7	Winter:									
8	Cust. Chg			\$17.83	\$17.83	\$17.83	\$17.83	\$17.83	\$17.83	\$106.98
9	Headblock			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	Tailblock	\$	0.5345	\$13.31	\$18.65	\$18.65	\$17.85	\$14.90	\$11.09	\$94.45
11 12	HB Threshold		-							
13	Summer:									
14	Cust. Chg									
15	Headblock									
16	Tailblock	\$	0.5345							
17	HB Threshold		-							
18										
19	Total Base Rate Amount			\$31.14	\$36.48	\$36.48	\$35.68	\$32.73	\$28.92	\$201.43
20										
21	COG Rate - (Winter)			\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326
22	COG amount - Winter			\$3.30	\$4.63	\$4.63	\$4.43	\$3.70	\$2.75	\$23.43
23										
24	COG Rate - (Summer)									
25	COG amount - Summer									
26										
27	LDAC			\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113
28	LDAC amount			\$2.77	\$3.88	\$3.88	\$3.72	\$3.10	\$2.31	\$19.67
29										
30	Total Bill			\$37.22	\$44.99	\$45.00	\$43.82	\$39.52	\$33.98	\$244.53

Summer	Season	(May -	Oct

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
13	11	9	9	11	16	69	246
\$17.83	\$17.83	\$17.83	\$17.83	\$17.83	\$17.83	\$106.98	\$213.96
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$7.11	\$6.07	\$4.93	\$4.65	\$5.65	\$8.59	\$37.01	\$131.46
\$24.94	\$23.90	\$22.76	\$22.48	\$23.48	\$26.42	\$143.99	\$345.42
324.94	323.90	322.70	322.40	\$23.46	320.42	\$143.99	3343.42
\$1,2071	\$1.2071	\$1,2071	\$1.2071	\$1,2071	\$1,2071	\$1.2071	\$0.4351
\$16.07	\$13.70	\$11.13	\$10.51	\$12.76	\$19.40	\$83.58	\$107.01
\$10.07	\$13.70	\$11.13	\$10.31	\$12.70	319.40	905.50	\$107.01
\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1132
\$1.57	\$1.34	\$1.09	\$1.03	\$1.25	\$1.90	\$8.17	\$27.84
642.50	630.04	62405	624.62	627 40	645.53	6225 52	6.400.26
\$42.58	\$38.94	\$34.97	\$34.02	\$37.49	\$47.72	\$235.73	\$480.26

	CURRENT
	average Usage (Therms)
,	
,	Winter:
	C + C1

1 otai biii		\$37.22	344.99	345.00	343.82	\$39.52	333.98	\$244.55
Winter Season (Jan Apr., No	)							
Residential Non-Heating (R1)								
CURRENT								
4		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
average Usage (Therms)		25	35	35	33	28	21	177
5								
Winter:								
Cust. Chg		\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.3
Headblock		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Tailblock	\$ 0.4614	\$11.49	\$16.10	\$16.10	\$15.41	\$12.86	\$9.57	\$81.53
HB Threshold	-							
2								
Summer:								
Cust. Chg								
Headblock								
Tailblock	\$ 0.4614							
7 HB Threshold	-							
3								
Total Base Rate Amount		\$26.88	\$31.49	\$31.49	\$30.80	\$28.25	\$24.96	\$173.8
)								
COG Rate - (Winter)		\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.132
COG amount - Winter		\$3.3031	\$4.6275	\$4.6275	\$4.4279	\$3.6956	\$2.7503	\$23.43
3								
COG Rate - (Summer)								
COG amount - Summer								
5		1						
7 LDAC		\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.111
LDAC amount		\$2.77	\$3.88	\$3.88	\$3.72	\$3.10	\$2.31	\$19.67
2		1						
Total Bill		\$32.96	\$40.00	\$40.00	\$38.94	\$35.05	\$30.02	\$216.9
DIFFERENCE								
DIFFERENCE:		0.126	0.1.00	0.1.00	0.1.00	0.1.10	02.06	
Total Bill		\$4.26	\$4.99	\$4.99	\$4.88	\$4.48	\$3.96	\$27.56
4 % Change		12.93%	12.48%	12.48%	12.53%	12.78%	13.18%	12.70%

62	DIFFERENCE:							
63	Total Bill	\$4.26	\$4.99	\$4.99	\$4.88	\$4.48	\$3.96	\$27.56
64	% Change	12.93%	12.48%	12.48%	12.53%	12.78%	13.18%	12.70%
65								
66	Base Rate	\$4.26	\$4.99	\$4.99	\$4.88	\$4.48	\$3.96	\$27.56
67	% Change	15.85%	15.85%	15.85%	15.85%	15.85%	15.85%	15.85%
68								
69	COG & LDAC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
70	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
13	11	9	9	11	16	69	246
\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	E02.24	\$184.6
\$0.00	\$13.39	\$15.39	\$15.39	\$13.39	\$0.00	\$92.34 \$0.00	\$0.00
\$6.14	\$5.24	\$4.25	\$4.02	\$4.88	\$7.42	\$31.95	\$113.4
****		V 1.20	4		771.2	44.17.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
\$21.53	\$20.63	\$19.64	\$19.41	\$20.27	\$22.81	\$124.29	\$298.1
\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$0.435
\$16.0669	\$13.7035	\$11.1276	\$10.5112	\$12.7620	\$19.4038	\$83.58	\$107.0
\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.113
\$1.57	\$1.34	\$1.09	\$1.03	\$1.25	\$1.90	\$8.17	\$27.84
\$39.17	\$35.67	\$31.86	\$30.95	\$34.28	\$44.11	\$216.03	\$433.0

\$3.41 8.71%	\$3.27 9.17%	\$3.11 9.77%	\$3.08 9.94%	\$3.21 9.37%	\$3.62 8.20%	\$19.70 9.12%	\$47.26 10.91%
\$3.41	\$3.27	\$3.11	\$3.08	\$3.21	\$3.62	\$19.70	\$47.26
15.85%	15.85%	15.85%	15.85%	15.85%	15.85%	15.85%	15.85%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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71	Winter Season (Jan Apr., Nov Dec.)							
72	Residential Heating (R3)							
73	PROPOSED							
74		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
75	average Usage (Therms)	80	119	144	137	101	61	642
76								
77	Winter:							
78	Cust. Chg	\$17.83	\$17.83	\$17.83	\$17.83	\$17.83	\$17.83	\$106.98
79	Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
80	Tailblock \$ 0.7143	\$56.90	\$85.20	\$102.73	\$97.80	\$72.23	\$43.77	\$458.62
81	HB Threshold -							
82								
83	Summer:							
84	Cust. Chg							
85	Headblock							
86	Tailblock \$ 0.7143							
87	HB Threshold -							
88								
89	Total Base Rate Amount	\$74.73	\$103.03	\$120.56	\$115.63	\$90.06	\$61.60	\$565.60
90								
91	COG Rate - (Winter)	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326
92	COG amount - Winter	\$10.56	\$15.82	\$19.07	\$18.15	\$13.41	\$8.13	\$85.14
93								
94	COG Rate - (Summer)							
95	COG amount - Summer							
96								
97	LDAC	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113
98	LDAC amount	\$8.87	\$13.28	\$16.01	\$15.24	\$11.25	\$6.82	\$71.46
99								
100	Total Bill	\$94.16	\$132.12	\$155.63	\$149.02	\$114.73	\$76.55	\$722.20

Summer	Sageon	(Mov	Oct

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
27	17	13	12	18	36	123	765
\$17.83	\$17.83	\$17.83	\$17.83	\$17.83	\$17.83	\$106.98	\$213.9
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$19.10	\$11.80	\$9.38	\$8.92	\$12.88	\$25.94	\$88.02	\$546.6
\$36.93	\$29.63	\$27.21	\$26.75	\$30.71	\$43.77	\$195.00	\$760.6
\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$0.305
\$32.27	\$19.93	\$15.85	\$15.07	\$21.77	\$43.84	\$148.74	\$233.8
\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.112
\$3.16	\$1.95	\$1.55	\$1.47	\$2.13	\$4.29	\$14.54	\$86.00
\$72.36	\$51.51	\$44.61	\$43.29	\$54.61	\$91.90	\$358.28	\$1,080.4

# 101 Winter Season (Jan. - Apr., Nov. - Dec.) 102 Residential Heating (R3)

2	Residential	Heating	(R3)	
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103	CURRENT							
104		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
105	average Usage (Therms)	80	119	144	137	101	61	642
106								
107	Winter:							
108	Cust. Chg	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.35
109	Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
110	Tailblock \$ 0.6167	\$49.12	\$73.56	\$88.69	\$84.43	\$62.36	\$37.79	\$395.96
	HB Threshold -							
112								
113	Summer:							
	Cust. Chg							
115	Headblock							
	Tailblock \$ 0.6167							
	HB Threshold -							
118								
119	Total Base Rate Amount	\$64.52	\$88.95	\$104.08	\$99.83	\$77.75	\$53.18	\$488.31
120								
121	COG Rate - (Winter)	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326
122	COG amount - Winter	\$10.5622	\$15.8163	\$19.0696	\$18.1545	\$13.4089	\$8.1257	\$85.14
123								
124	COG Rate - (Summer)							
125	COG amount - Summer							
126								
127	LDAC	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113
128	LDAC amount	\$8.87	\$13.28	\$16.01	\$15.24	\$11.25	\$6.82	\$71.46
129								
130	Total Bill	\$83.94	\$118.04	\$139.16	\$133.22	\$102.42	\$68.13	\$644.91
131								
132	DIFFERENCE:							
133	Total Bill	\$10.21	\$14.08	\$16.47	\$15.80	\$12.31	\$8.42	\$77.29

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
27	17	13	12	18	36	123	765
\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.35	\$184.71
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$16.49	\$10.18	\$8.10	\$7.70	\$11.12	\$22,3986	\$75.99	\$471.95
ψ10.1 <i>)</i>	910.10	ψ0.10	Ψ7.70	ψ11.12	922.3700	975.55	Q1/11/J
\$31.88	\$25.58	\$23.49	\$23.09	\$26.52	\$37.79	\$168.35	\$656,66
\$31.88	\$23.38	\$23.49	\$23.09	\$20.32	\$37.79	\$108.33	\$030.00
\$1.2071	\$1,2071	\$1,2071	\$1,2071	\$1,2071	\$1,2071	\$1,2071	\$0.3056
\$32.2747	\$19,9342	\$15.8507	\$15.0685	\$21.7709	\$43.8420	\$148.74	\$233.88
\$32.27 <b>4</b> 7	317.7542	\$15.0507	\$15.0005	321.7707	\$45.0420	\$140.74	\$255.00
\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1124
\$3.16	\$1.95	\$1.55	\$1.47	\$2.13	\$4.29	\$14.54	\$86.00
\$67.31	\$47.46	\$40.89	\$39.63	\$50.41	\$85.92	\$331.63	\$976.54

132	DIFFERENCE:							
133	Total Bill	\$10.21	\$14.08	\$16.47	\$15.80	\$12.31	\$8.42	\$77.29
134	% Change	12.17%	11.93%	11.84%	11.86%	12.02%	12.36%	11.98%
135								
136	Base Rate	\$10.21	\$14.08	\$16.47	\$15.80	\$12.31	\$8.42	\$77.29
137	% Change	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%
138								
139	COG & LDAC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
140	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

\$5.05	\$4.05	\$3.72	\$3.66	\$4.20	\$5.98	\$26.65	\$103.94
7.50%	8.53%	9.10%	9.22%	8.33%	6.96%	8.04%	10.64%
\$5.05	\$4.05	\$3.72	\$3.66	\$4.20	\$5.98	\$26.65	\$103.94
15.83%	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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141	Winter Season (Jan Apr., Nov Dec.)							
142	Low Income Residential Heating (R4)							
143	PROPOSED							
144		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
145	average Usage (Therms)	64	97	138	131	99	61	590
146								
147	Winter:							
148	Cust. Chg	\$9.81	\$9.81	\$9.81	\$9.81	\$9.81	\$9.81	\$58.86
149	Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
150	Tailblock \$ 0.7143	\$25.18	\$38.05	\$54.05	\$51.35	\$38.97	\$24.01	\$231.62
151	HB Threshold -							
152								
153	Summer:							
154	Cust. Chg							
155	Headblock							
156	Tailblock \$ 0.3929							
	HB Threshold -							
158								
159	Total Base Rate Amount	\$34.99	\$47.86	\$63.86	\$61.16	\$48.78	\$33.82	\$290.48
160								
	COG Rate - (Winter)	\$0.0729	\$0.0729	\$0.0729	\$0.0729	\$0.0729	\$0.0729	\$0.0729
162	COG amount - Winter	\$4.6725	\$7.0599	\$10.0279	\$9.5285	\$7.2315	\$4.4550	\$42.98
163								
164	COG Rate - (Summer)							
165	COG amount - Summer							
166								
167	LDAC	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113
168	LDAC amount	\$7.13	\$10.78	\$15.31	\$14.55	\$11.04	\$6.80	\$65.61
169		1						
170	Total Bill	\$46.80	\$65.70	\$89.19	\$85.24	\$67.06	\$45.08	\$399.07

Summer	Season	(May -	Oct

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
27	17	14	13	16	30	117	706
\$17.83	\$17.83	\$17.83	\$17.83	\$17.83	\$17.83	\$106.98	\$165.84
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$19.29	\$12.0616	\$9.7290	\$8.9666	\$11.7492	\$21.6946	\$83.49	\$315.11
\$37.12	\$29.89	\$27.56	\$26.80	\$29.58	\$39.52	\$190.47	\$480.95
\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$0.2606
\$32.60	\$20.38	\$16.44	\$15.15	\$19.85	\$36.66	\$141.09	\$184.07
\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1124
\$3.19	\$1.99	\$1.61	\$1.48	\$1.94	\$3.58	\$13.79	\$79.40
\$72.90	\$52.27	\$45.61	\$43.43	\$51.38	\$79.77	\$345.35	\$744.42

# Winter Season (Jan. - Apr., Nov. - Dec.) Low Income Residential Heating (R4)

72	Low	Income	Resid	lential	Heati	ng	(R4	)

173	CURRENT							Ī
174		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
175	average Usage (Therms)	64	97	138	131	99	61	590
176								
177	Winter:							
178	Cust. Chg	\$8.47	\$8.47	\$8.47	\$8.47	\$8.47	\$8.47	\$50.79
179	Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
180	Tailblock \$ 0.6167	\$21.74	\$32.85	\$46.66	\$44.34	\$33.65	\$20.73	\$199.96
181	HB Threshold -							
182								
183	Summer:							
184	Cust. Chg							
185	Headblock							
186	Tailblock \$ 0.3392							
187	HB Threshold -							
188								
189	Total Base Rate Amount	\$30.21	\$41.31	\$55.13	\$52.80	\$42.11	\$29.19	\$250.76
190								
191	COG Rate - (Winter)	\$0.0729	\$0.0729	\$0.0729	\$0.0729	\$0.0729	\$0.0729	\$0.0729
192	COG amount - Winter	\$4.6725	\$7.0599	\$10.0279	\$9.5285	\$7.2315	\$4.4550	\$42.98
193								
194	COG Rate - (Summer)							
195	COG amount - Summer							
196								
197	LDAC	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	0.1113
198	LDAC amount	\$7.13	\$10.78	\$15.31	\$14.55	\$11.04	\$6.80	\$65.61
199								
200	Total Bill	\$42.01	\$59.15	\$80.46	\$76.88	\$60.39	\$40.45	\$359.34
201								
202	DIFFEDENCE.							

Summer	Season	(May - Oct.)

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
27	17	14	13	16	30	117	706
615.20	615.20	615.20	615.20	615.20	615.20	602.25	6142.15
\$15.39 \$0.00	\$15.39 \$0.00	\$15.39 \$0.00	\$15.39 \$0.00	\$15.39 \$0.00	\$15.39 \$0.00	\$92.35 \$0.00	\$143.15 \$0.00
\$16.6539	\$10.41	\$8.40	\$7.74	\$10.14	\$18.73	\$72.08	\$272.04
\$10.0339	\$10.41	30.40	\$7.74	\$10.14	\$10.75	3/2.00	32/2.04
\$32.05	\$25.81	\$23.79	\$23.13	\$25.54	\$34.12	\$164.44	\$415.19
\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1,2071	\$1.2071	\$1.2071	\$0,2606
\$32.5975	\$20,3829	\$16.4411	\$15.1527	\$19.8550	\$36.6619	\$1.2071	\$184.07
\$32.3913	320.3629	\$10.4411	\$13.1327	319.8330	\$30.0019	3141.09	3104.07
\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1124
\$3.19	\$1.99	\$1.61	\$1.48	\$1.94	\$3.58	\$13.79	\$79.40
\$67.83	\$48.18	\$41.84	\$39.77	\$47.33	\$74.37	\$319.32	\$678.66

202	DIFFERENCE:							
203	Total Bill	\$4.79	\$6.54	\$8.73	\$8.36	\$6.67	\$4.63	\$39.72
204	% Change	11.39%	11.06%	10.85%	10.88%	11.05%	11.44%	11.05%
205								
206	Base Rate	\$4.79	\$6.54	\$8.73	\$8.36	\$6.67	\$4.63	\$39.72
207	% Change	15.84%	15.84%	15.84%	15.84%	15.84%	15.84%	15.84%
208								
209	COG & LDAC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
210	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

\$5.07 7.48%	\$4.09 8.48%	\$3.77 9.00%	\$3.66 9.21%	\$4.04 8.54%	\$5.40 7.26%	\$26.03 8.15%	\$65.76 9.69%
\$5.07	\$4.09	\$3.77	\$3.66	\$4.04	\$5.40	\$26.03	\$65.76
15.83%	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%	15.84%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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211	Winter Season (Jan Apr., Nov Dec.)										
212	Commercial/Industrial - Low Annua	l Us	e, High Winter U	se (G-41)							_
213	PROPOSED										
214				Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter	L
215	average Usage (Therms)			266	421	523	495	351	196	2,252	
216											
217	Winter:										
218	Cust. Chg			\$70.44	\$70.44	\$70.44	\$70.44	\$70.44	\$70.44	\$422.64	
219	Headblock	\$	0.5708	\$57.08	\$57.08	\$57.08	\$57.08	\$57.08	\$57.08	\$342.48	
220	Tailblock	\$	0.3927	\$65.10	\$126.21	\$166.15	\$155.15	\$98.42	\$37.66	\$648.68	
221	HB Threshold		100								
222											
223	Summer:										
224	Cust. Chg										
225	Headblock	\$	0.5708								
226	Tailblock	\$	0.3927								
227	HB Threshold		20								
228											
229	Total Base Rate Amount			\$192.62	\$253.73	\$293.67	\$282.67	\$225.94	\$165.18	\$1,413.80	
230											
231	COG Rate - (Winter)			\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	
232	COG amount - Winter			\$35.2684	\$55.9187	\$69.4152	\$65.6963	\$46.5266	\$25.9956	\$298.82	
233											
234	COG Rate - (Summer)										
235	COG amount - Summer										
236											
237	LDAC			\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	
238	LDAC amount			\$23.65	\$37.50	\$46.56	\$44.06	\$31.20	\$17.43	\$200.41	
239											
240	Total Bill			\$251.54	\$347.15	\$409.64	\$392.42	\$303.67	\$208.61	\$1,913.04	L

Summer	Season	(May -	Oct

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
72	36	27	25	44	104	308	2,560
\$70.44	\$70.44	\$70.44	\$70.44	\$70.44	\$70.44	\$422.64	\$845.28
\$11.42	\$11.42	\$11.42	\$11.42	\$11.42	\$11.42	\$68.50	\$410.98
\$20.55	\$6.26	\$2.55	\$1.91	\$9.46	\$33.17	\$73.91	\$722.59
\$102.40	\$88.12	\$84.41	\$83.77	\$91.31	\$115.03	\$565.04	\$1,978.84
\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$0.2621
\$87.32	\$43.41	\$32.00	\$30.02	\$53.22	\$126.15	\$372.12	\$670.94
\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0898
\$6.92	\$3.44	\$2.54	\$2.38	\$4.22	\$10.00	\$29.49	\$229.91
\$196.64	\$134.97	\$118.95	\$116.17	\$148.75	\$251.17	\$966.66	\$2,879.69

241	Winter Season (Jan Apr., Nov Dec.)	
242	Commercial/Industrial - Low Annual Use, High Winter U	Jse (G-41)
243	CURRENT	
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244			Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
245	average Usage (Therms)		266	421	523	495	351	196	2,252
246									
247	Winter:								
248	Cust. Chg		\$60.81	\$60.81	\$60.81	\$60.81	\$60.81	\$60.81	\$364.89
249	Headblock	\$ 0.4928	\$49.28	\$49.28	\$49.28	\$49.28	\$49.28	\$49.28	\$295.68
250	Tailblock	\$ 0.3390	\$56.20	\$108.95	\$143.43	\$133.93	\$84.96	\$32.51	\$559.98
251	HB Threshold	100							
252									
	Summer:								
254	Cust. Chg								
255	Headblock	\$ 0.4928							
256	Tailblock	\$ 0.3390							
257	HB Threshold	20							
258									
259	Total Base Rate Amount		\$166.29	\$219.05	\$253.53	\$244.02	\$195.05	\$142.60	\$1,220.55
260									
261	COG Rate - (Winter)		\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327
262	COG amount - Winter		\$35.2684	\$55.9187	\$69.4152	\$65.6963	\$46.5266	\$25.9956	\$298.82
263									
264	COG Rate - (Summer)								
265	COG amount - Summer								
266	T D . C								
267	LDAC		\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890
268	LDAC amount		\$23.65	\$37.50	\$46.56	\$44.06	\$31.20	\$17.43	\$200.41
269					02.00 #0			040600	04 =40 =0
270	Total Bill		\$225.21	\$312.47	\$369.50	\$353.78	\$272.78	\$186.03	\$1,719.78
271	DIFFERENCE								
272 273	DIFFERENCE: Total Bill		\$26.33	\$34.68	\$40.15	\$38.64	\$30.88	\$22.58	\$193.26
			\$26.33 11.69%	\$34.68 11.10%	\$40.15 10.87%		\$30.88 11.32%	\$22.58 12.13%	\$193.26 11.24%
274 275	% Change		11.09%	11.10%	10.8/70	10.92%	11.32%	12.13%	11.24%
276	Base Rate		\$26.33	\$34.68	\$40.15	\$38.64	\$30.88	\$22.58	\$193.26
276			15.83%	15.83%	15.84%	15.83%	15.83%	15.83%	15.83%
278	% Change		13.83%	13.83%	13.8470	13.83%	13.83%	13.83%	13.63%
279	COG & LDAC		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
280	% Change		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
72	36	27	25	44	104	308	2,560
\$60.81 \$9.86 \$17.74	\$60.81 \$9.86 \$5.41	\$60.81 \$9.86 \$2.20	\$60.81 \$9.86 \$1.65	\$60.81 \$9.86 \$8.16	\$60.81 \$9.86 \$28.64	\$364.89 \$59.14 \$63.80	\$729.78 \$354.82 \$623.78
\$88.41	\$76.08	\$72.88	\$72.32	\$78.83	\$99.31	\$487.82	\$1,708.3
\$1.2074 \$87.32	\$1.2074 \$43.41	\$1.2074 \$32.00	\$1.2074 \$30.02	\$1.2074 \$53.22	\$1.2074 \$126.15	\$1.2074 \$372.12	\$0.2621 \$670.94
\$0.0957 \$6.92	\$0.0957 \$3.44	\$0.0957 \$2.54	\$0.0957 \$2.38	\$0.0957 \$4.22	\$0.0957 \$10.00	\$0.0957 \$29.49	\$0.0898 \$229.91
\$182.65	\$122.93	\$107.41	\$104.72	\$136.27	\$235.45	\$889.44	\$2,609.22

\$13.99 7.66%	\$12.04 9.80%	\$11.53 10.74%	\$11.45 10.93%	\$12.48 9.16%	\$15.72 6.68%	\$77.22 8.68%	\$270.48 10.37%
\$13.99	\$12.04	\$11.53	\$11.45	\$12.48	\$15.72	\$77.22	\$270.48
15.83%	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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281	Winter Season (Jan Apr., Nov D									
282	Commercial/Industrial - Medium An	nua	l Use, High Wint	er Use (G-42)						
283	PROPOSED									
284				Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
285	average Usage (Therms)			2,572	3,720	4,472	4,295	3,196	1,965	20,220
286										
287	Winter:									
288	Cust. Chg			\$211.30	\$211.30	\$211.30	\$211.30	\$211.30	\$211.30	\$1,267.80
289	Headblock	\$	0.5195	\$519.50	\$519.50	\$519.50	\$519.50	\$519.50	\$519.50	\$3,117.00
290	Tailblock	\$	0.3548	\$557.82	\$964.96	\$1,231.87	\$1,169.19	\$779.29	\$342.24	\$5,045.37
291	HB Threshold		1,000							
292										
293	Summer:									
294	Cust. Chg									
295	Headblock	\$	0.5195							
296	Tailblock	\$	0.3548							
297	HB Threshold		400							
298										
299	Total Base Rate Amount			\$1,288.62	\$1,695.76	\$1,962.67	\$1,899.99	\$1,510.09	\$1,073.04	\$9,430.17
300										
301	COG Rate - (Winter)			\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327
302	COG amount - Winter			\$341.33	\$493.61	\$593.44	\$569.99	\$424.16	\$260.70	\$2,683.24
303										
304	COG Rate - (Summer)									
305	COG amount - Summer									
306										
307	LDAC			\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890
308	LDAC amount			\$228.93	\$331.06	\$398.01	\$382.29	\$284.48	\$174.85	\$1,799.61
309										
310	Total Bill			\$1,858.88	\$2,520.43	\$2,954.11	\$2,852.28	\$2,218.73	\$1,508.59	\$13,913.02

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
819	445	332.59	333.46	570	1,228	3,728	23,949
\$211.30	\$211.30	\$211.30	\$211.30	\$211.30	\$211.30	\$1,267.80	\$2,535.60
\$207.80	\$207.80	\$172.78	\$173.23	\$207.80	\$207.80	\$1,177.21	\$4,294.21
\$148.60	\$16.05	\$0.00	\$0.00	\$60.46	\$293.78	\$518.88	\$5,564.25
\$567.70	\$435.15	\$384.08	\$384.53	\$479.56	\$712.88	\$2,963.89	\$12,394.0
\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$0.3000
\$988.65	\$537.56	\$401.57	\$402.61	\$688.70	\$1,482.69	\$4,501.79	\$7,185.03
\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0900
\$78.36	\$42.61	\$31.83	\$31.91	\$54.59	\$117.52	\$356.82	\$2,156.43
\$1,634,71	\$1,015,32	\$817.48	\$819.06	\$1,222.85	\$2,313.09	\$7,822,50	\$21,735.5

311	Winter Season (Jan Apr., Nov Dec.)	
312	Commercial/Industrial - Medium Annual Use, High Wint	er Use (G-42)
313	CURRENT	

313	CURRENT								
314			Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
315 a	average Usage (Therms)		2,572	3,720	4,472	4,295	3,196	1,965	20,220
316									
	Winter:								
	Cust. Chg		\$182.42	\$182.42	\$182.42	\$182.42	\$182.42	\$182.42	\$1,094.53
319 F	Headblock	\$ 0.4485	\$448.50	\$448.50	\$448.50	\$448.50	\$448.50	\$448.50	\$2,691.00
320 T	Tailblock Tailblock	\$ 0.3063	\$481.57	\$833.05	\$1,063.48	\$1,009.37	\$672.76	\$295.45	\$4,355.68
	HB Threshold	1,000							
322									
323 S	Summer:								
324 C	Cust. Chg								
325 F	Headblock	\$ 0.4485							
326 T	Tailblock Tailblock	\$ 0.3063							
327 F	HB Threshold	400							
328									
329 T	Total Base Rate Amount		\$1,112.49	\$1,463.97	\$1,694.40	\$1,640.29	\$1,303.68	\$926.38	\$8,141.21
330									
331 C	COG Rate - (Winter)		\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327
332 C	COG amount - Winter		\$341.3331	\$493.6084	\$593.4356	\$569.9944	\$424.1640	\$260.7014	\$2,683.24
333									
334 C	COG Rate - (Summer)								
335 C	COG amount - Summer								
336									
337 I	LDAC		\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890
338 I	LDAC amount		\$228.93	\$331.06	\$398.01	\$382.29	\$284.48	\$174.85	\$1,799.61
339									
340 T	Fotal Bill		\$1,682.75	\$2,288.64	\$2,685.84	\$2,592.57	\$2,012.33	\$1,361.93	\$12,624.06
341									

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
819	445	333	333	570	1,228	3,728	23,949
\$182.42	\$182.42	\$182.42	\$182.42	\$182.42	\$182.42	\$1,094.53	\$2,189.05
\$179.40	\$179.40	\$149.17	\$149.55	\$179.40	\$179.40	\$1,016.32	\$3,707.32
\$128.29	\$13.85	\$0.00	\$0.00	\$52.19	\$253.62	\$447.95	\$4,803.63
\$490.11	\$375.67	\$331.59	\$331.98	\$414.02	\$615.44	\$2,558.80	\$10,700.0
0	01.0051	04.0054	01.0051	01.0071	04.0054	0.4.00.00.4	
\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$0.3000
\$988.65	\$537.56	\$401.57	\$402.61	\$688.70	\$1,482.69	\$4,501.79	\$7,185.03
\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0900
\$78.36	\$42.61	\$31.83	\$31.91	\$54.59	\$117.52	\$356.82	\$2,156.43
\$1,557.12	\$955.84	\$764.98	\$766.50	\$1,157,31	\$2,215.65	\$7,417.40	\$20,041.46

342	DIFFERENCE:							
343	Total Bill	\$176.13	\$231.79	\$268.27	\$259.70	\$206.41	\$146.66	\$1,288.96
344	% Change	10.47%	10.13%	9.99%	10.02%	10.26%	10.77%	10.21%
345								
	Base Rate	\$176.13	\$231.79	\$268.27	\$259.70	\$206.41	\$146.66	\$1,288.96
	% Change	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%
348								
349	COG & LDAC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
350	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

\$77.59	\$59.47	\$52.49	\$52.55	\$65.54	\$97.44	\$405.09	\$1,694.05
4.98%	6.22%	6.86%	6.86%	5.66%	4.40%	5.46%	8.45%
\$77.59	\$59.47	\$52.49	\$52.55	\$65.54	\$97.44	\$405.09	\$1,694.05
15.83%	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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351	Winter Season (Jan Apr., No										Summer Se
352	Commercial/Industrial - High	Annual U	se, High Winte	r Use (G-43)							
353 354	PROPOSED			Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	A 24	Winter	M 24
355	average Usage (Therms)			20,835	27,418	33,202	31,104	25,329	Apr-24 17.425	155,312	May-24 8,580
356	average Usage (Therms)			20,833	27,418	33,202	31,104	23,329	17,423	155,512	8,380
357	Winter:										
358	Cust. Chg			\$904.85	\$904.85	\$904.85	\$904.85	\$904.85	\$904.85	\$5,429.10	
359	Headblock			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
360	Tailblock	s	0.3204	\$6,675.42	\$8,784.63	\$10,637.98	\$9,965.76	\$8,115.29	\$5,583.02	\$49,762.10	
361	HB Threshold	φ	0.5204	30,073.42	30,704.03	\$10,037.96	39,903.70	30,113.29	\$5,565.02	549,702.10	
362	The threshold										
363	Summer:										
364	Cust, Chg										\$904.85
365	Headblock										\$0.00
366	Tailblock	S	0.1557								\$1,335.89
367	HB Threshold		-								. , ,
368											
369	Total Base Rate Amount			\$7,580.27	\$9,689.48	\$11,542.83	\$10,870.61	\$9,020.14	\$6,487.87	\$55,191.20	\$2,240.74
370											
371	COG Rate - (Winter)			\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	
372	COG amount - Winter			\$2,764.7559	\$3,638.3292	\$4,405.9290	\$4,127.5187	\$3,361.1090	\$2,312.3172	\$20,609.96	
373											
374	COG Rate - (Summer)										\$1.2074
375	COG amount - Summer										\$10,359.3
376											
377	LDAC			\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0957
378	LDAC amount			\$1,854.28	\$2,440.18	\$2,954.99	\$2,768.27	\$2,254.25	\$1,550.84	\$13,822.81	\$821.09
379											
380	Total Bill			\$12,199.30	\$15,767.99	\$18,903.75	\$17,766.40	\$14,635.50	\$10,351.02	\$89,623.97	\$13,421.1

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
8,580	5,719	4,491	4,834	6,275	13,043	42,943	198,255
\$904.85	\$904.85	\$904.85	\$904.85	\$904.85	\$904.85	\$5,429.10	\$10,858.20
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$1,335.89	\$890.42	\$699.28	\$752.72	\$977.06	\$2,030.80	\$6,686.16	\$56,448.26
\$2,240.74	\$1,795.27	\$1,604.13	\$1,657.57	\$1,881.91	\$2,935.65	\$12,115.26	\$67,306.46
\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$0.3655
\$10,359.33	\$6,904.86	\$5,422.69	\$5,837.07	\$7,576.74	\$15,748.18	\$51,848.87	\$72,458.83
\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0905
\$821.09	\$547.29	\$429.81	\$462.65	\$600.54	\$1,248.22	\$4,109.61	\$17,932.41
\$13,421.16	\$9,247.42	\$7,456.63	\$7,957.30	\$10,059.18	\$19,932.05	\$68,073.74	\$157,697.70

381	Winter Season (Jan Apr., Nov Dec.)	
382	Commercial/Industrial - High Annual Use, High Winter U	Use (G-43)
383	CURRENT	

383	CURRENT							
384		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
385	average Usage (Therms)	20,835	27,418	33,202	31,104	25,329	17,425	155,312
386								
387	Winter:							
388	Cust. Chg	\$781.17	\$781.17	\$781.17	\$781.17	\$781.17	\$781.17	\$4,687.02
389	Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
390	Tailblock \$ 0.2766	\$5,762.86	\$7,583.74	\$9,183.72	\$8,603.40	\$7,005.90	\$4,819.80	\$42,959.42
391	HB Threshold -							
392								
393	Summer:							
394	Cust. Chg							
395	Headblock							
396	Tailblock \$ 0.1344							
397	HB Threshold -							
398								
399	Total Base Rate Amount	\$6,544.03	\$8,364.91	\$9,964.89	\$9,384.57	\$7,787.07	\$5,600.97	\$47,646.43
400								
401	COG Rate - (Winter)	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327
402	COG amount - Winter	\$2,764.7559	\$3,638.3292	\$4,405.9290	\$4,127.5187	\$3,361.1090	\$2,312.3172	\$20,609.96
403								
404	COG Rate - (Summer)							
405	COG amount - Summer							
406								
407	LDAC	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890
408	LDAC amount	\$1,854.28	\$2,440.18	\$2,954.99	\$2,768.27	\$2,254.25	\$1,550.84	\$13,822.81
409								
410	Total Bill	\$11,163.07	\$14,443.41	\$17,325.81	\$16,280.36	\$13,402.42	\$9,464.12	\$82,079.20
411								

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
8,580	5,719	4,491	4,834	6,275	13,043	42,943	198,255
\$781.17 \$0.00	\$781.17 \$0.00	\$781.17 \$0.00	\$781.17 \$0.00	\$781.17 \$0.00	\$781.17 \$0.00	\$4,687.02 \$0.00	\$9,374.03 \$0.00
\$1,153.13	\$768.60	\$603.62	\$649.75	\$843.39	\$1,752.99	\$5,771.48	\$48,730.90
\$1,934.30	\$1,549.77	\$1,384.79	\$1,430.91	\$1,624.56	\$2,534.15	\$10,458.50	\$58,104.93
\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$0.3655
\$10,359.33	\$6,904.86	\$5,422.69	\$5,837.07	\$7,576.74	\$15,748.18	\$51,848.87	\$72,458.83
\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0905
\$821.09	\$547.29	\$429.81	\$462.65	\$600.54	\$1,248.22	\$4,109.61	\$17,932.41
\$13,114.73	\$9,001.93	\$7,237.29	\$7,730.64	\$9,801.84	\$19,530,55	\$66,416.98	\$148,496.17

412	DIFFERENCE:							
413	Total Bill	\$1,036.24	\$1,324.58	\$1,577.94	\$1,486.04	\$1,233.07	\$886.90	\$7,544.77
414	% Change	9.28%	9.17%	9.11%	9.13%	9.20%	9.37%	9.19%
415								
416	Base Rate	\$1,036.24	\$1,324.58	\$1,577.94	\$1,486.04	\$1,233.07	\$886.90	\$7,544.77
417	% Change	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%
418								
419	COG & LDAC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
420	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

\$306.43 2.34%	\$245.49 2.73%	\$219.34 3.03%	\$226.65 2.93%	\$257.34 2.63%	\$401.50 2.06%	\$1,656.76 2.49%	\$9,201.53 6.20%
\$306.43	\$245.49	\$219.34	\$226.65	\$257.34	\$401.50	\$1,656.76	\$9,201.53
15.84%	15.84%	15.84%	15.84%	15.84%	15.84%	15.84%	15.84%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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421	Winter Season (Jan Apr., Nov Dec	c.)								
422	Commercial/Industrial - Low Annual	Use,	Low Winter Us	e (G-51)						
423	PROPOSED									
424			L	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
425	average Usage (Therms)			289	347	393	372	315	255	1,972
426										
427	Winter:									
428	Cust. Chg			\$70.51	\$70.51	\$70.51	\$70.51	\$70.51	\$70.51	\$423.06
429			0.3440	\$34.40	\$34.40	\$34.40	\$34.40	\$34.40	\$34.40	\$206.40
430	Tailblock	\$ 0	0.2297	\$43.47	\$56.73	\$67.37	\$62.58	\$49.30	\$35.61	\$315.06
431	HB Threshold		100							
432										
433	Summer:									
	Cust. Chg									
435			0.3440							
436	Tailblock	\$ 0	0.2297							
437	HB Threshold		100							
438										
439	Total Base Rate Amount			\$148.38	\$161.64	\$172.28	\$167.49	\$154.21	\$140.52	\$944.52
440										
441	COG Rate - (Winter)			\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322
442	COG amount - Winter			\$38.2380	\$45.8703	\$51.9946	\$49.2367	\$41.5924	\$33.7176	\$260.65
443										
444	COG Rate - (Summer)									
445	COG amount - Summer									
446										
447	LDAC			\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890
448	LDAC amount			\$25.74	\$30.88	\$35.00	\$33.15	\$28.00	\$22.70	\$175.48
449										
450	Total Bill			\$212.36	\$238.39	\$259.28	\$249.87	\$223.80	\$196.94	\$1,380.65

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
205	205	186	174	196	257	1,223	3,195
\$70.51	\$70.51	\$70.51	\$70.51	\$70.51	\$70.51	\$423.06	\$846.12
\$34.40	\$34.40	\$34.40	\$34.40	\$34.40	\$34.40	\$206.40	\$412.80
\$24.06	\$24.12	\$19.75	\$17.02	\$22.11	\$36.13	\$143.20	\$458.26
\$128.97	\$129.03	\$124.66	\$121.93	\$127.02	\$141.04	\$772.66	\$1,717.18
\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$0.5437
\$247.08	\$247.43	\$224.42	\$210.12	\$236.87	\$310.50	\$1,476.41	\$1,737.06
\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0916
\$19.59	\$19.62	\$17.80	\$16.66	\$18.78	\$24.62	\$117.08	\$292.56
\$395.64	\$396.08	\$366.87	\$348.71	\$382.68	\$476.16	\$2,366.14	\$3,746.79

#### 451 Winter Season (Jan. - Apr., Nov. - Dec.)

490 % Change

52	Commercial/Industrial	- Low A	Annual Us	se, Low	Winter	Use (	G-51)	ı

453 CURRENT								
454		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
455 average Usage (Therms)		289	347	393	372	315	255	1,972
456								
457 Winter:								
458 Cust. Chg		\$60.87	\$60.87	\$60.87	\$60.87	\$60.87	\$60.87	\$365.22
459 Headblock	\$ 0.2970	\$29.70	\$29.70	\$29.70	\$29.70	\$29.70	\$29.70	\$178.20
460 Tailblock	\$ 0.1983	\$37.53	\$48.98	\$58.16	\$54.03	\$42.56	\$30.75	\$271.99
461 HB Threshold	100							
462								
463 Summer:								
464 Cust. Chg								
465 Headblock	\$ 0.2970							
466 Tailblock	\$ 0.1983							
467 HB Threshold	100							
468								
469 Total Base Rate Amount		\$128.10	\$139.55	\$148.73	\$144.60	\$133.13	\$121.32	\$815.42
470								
471 COG Rate - (Winter)		\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322
472 COG amount - Winter		\$38.2380	\$45.8703	\$51.9946	\$49.2367	\$41.5924	\$33.7176	\$260.65
473								l
474 COG Rate - (Summer)								
475 COG amount - Summer								
476								
477 LDAC		\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890
478 LDAC amount		\$25.74	\$30.88	\$35.00	\$33.15	\$28.00	\$22.70	\$175.48
479								
480 Total Bill		\$192.08	\$216.30	\$235.73	\$226.98	\$202.72	\$177.73	\$1,251.54
481								
482 DIFFERENCE:								
483 Total Bill		\$20.28	\$22.09	\$23,55	\$22.89	\$21.08	\$19.21	\$129.11
484 % Change		10.56%	10.21%	9.99%	10.09%	10.40%	10.81%	10.32%
485								
486 Base Rate		\$20.28	\$22.09	\$23.55	\$22.89	\$21.08	\$19.21	\$129.11
487 % Change		15.83%	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%
488								1
489 COG & LDAC		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
490 % Change		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Tota
205	205	186	174	196	257	1,223	3,195
\$60.87 \$29.70 \$20.77	\$60.87 \$29.70 \$20.83	\$60.87 \$29.70 \$17.05	\$60.87 \$29.70 \$14.70	\$60.87 \$29.70 \$19.09	\$60.87 \$29.70 \$31.19	\$365.22 \$178.20 \$123.62	\$730.4 \$356.4 \$395.6
\$111.34	\$111.40	\$107.62	\$105.27	\$109.66	\$121.76	\$667.05	\$1,482
\$1.2068 \$247.08	\$1.2068 \$247.43	\$1.2068 \$224.42	\$1.2068 \$210.12	\$1.2068 \$236.87	\$1.2068 \$310.50	\$1.2068 \$1,476.41	\$0.543 \$1,737
\$0.0957 \$19.59	\$0.0957 \$19.62	\$0.0957 \$17.80	\$0.0957 \$16.66	\$0.0957 \$18.78	\$0.0957 \$24.62	\$0.0957 \$117.08	\$0.091 \$292.5
\$378.01	\$378.44	\$349.83	\$332.05	\$365.31	\$456.88	\$2,260.53	\$3,512.

\$17.63	\$17.64	\$17.04	\$16.67	\$17.36	\$19.28	\$105.61	\$234.72
4.66%	4.66%	4.87%	5.02%	4.75%	4.22%	4.67%	6.68%
\$17.63	\$17.64	\$17.04	\$16.67	\$17.36	\$19.28	\$105.61	\$234.72
15.83%	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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3 PROPOSED		1 ' '						
4 ROLOSED		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
5 average Usage (Therms)		1.916	2,288	2,709	2,529	2,176	1,766	13,384
6		,	,	,	, ,	, , ,	,	- /
7 Winter:								
8 Cust. Chg		\$211.12	\$211.12	\$211.12	\$211.12	\$211.12	\$211.12	\$1,266.72
9 Headblock	\$ 0.2965	\$296.50	\$296.50	\$296.50	\$296.50	\$296.50	\$296.50	\$1,779.00
0 Tailblock	\$ 0.2026	\$185.56	\$260.95	\$346.29	\$309.77	\$238.29	\$155.19	\$1,496.06
1 HB Threshold	1,000	1						
2								
3 Summer:								
4 Cust. Chg								
5 Headblock	\$ 0.2190							
6 Tailblock	\$ 0.1311							
7 HB Threshold	1,000							
8								
9 Total Base Rate Amount		\$693.18	\$768.57	\$853.91	\$817.39	\$745.91	\$662.81	\$4,541.78
0		00.4222		00.1222	00.1222	00.1000	00.1000	00.4222
1 COG Rate - (Winter)		\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322
2 COG amount - Winter		\$253.2804	\$302.4718	\$358.1631	\$334.3335	\$287.6911	\$233.4658	\$1,769.41
3 4 COG Rate - (Summer)								
5 COG amount - Summer								
6								
7 LDAC		\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890
8 LDAC amount		\$170.51	\$203.63	\$241.12	\$225.08	\$193.68	\$157.17	\$1,191.20
9 EDAC amount		φ1/0.51	φ203.03	Ψ2-41.12	9223.00	\$1,73.00	φ15/.1/	\$1,191.20
0 Total Bill		\$1,116.97	\$1,274.67	\$1,453.20	\$1,376.81	\$1,227.29	\$1,053.45	\$7,502.39

Summer	Season	(May -	Oct )

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
1,399	1,382	1,237	1,246	1,341	1,653	8,259	21,644
\$211.12	\$211.12	\$211.12	\$211.12	\$211.12	\$211.12	\$1,266.72	\$2,533.4
\$219.00	\$219.00	\$219.00	\$219.00	\$219.00	\$219.00	\$1,314.00	\$3,093.0
\$52.36	\$50.13	\$31.06	\$32.31	\$44.70	\$85.62	\$296.18	\$1,792.2
\$482.48	\$480.25	\$461.18	\$462.43	\$474.82	\$515.74	\$2,876.90	\$7,418.6
\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$0.5423
\$1,688.81	\$1,668.21	\$1,492.71	\$1,504.22	\$1,618.29	\$1,994.96	\$9,967.21	\$11,736.
\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0916
\$133.92	\$132.29	\$118.37	\$119.29	\$128.33	\$158.20	\$790.41	\$1,981.6
\$2,305,22	\$2,280.75	\$2,072.27	\$2,085.93	\$2,221,45	\$2,668.90	\$13,634,52	\$21,136.9

521	Winter Season (Jan Apr., Nov Dec.)	
522	Commercial/Industrial - Medium Annual Use, Low Winte	er Use (G-52)
523	CURRENT	

323	CURRENT		I						
524			Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
525	average Usage (Therms)		1,916	2,288	2,709	2,529	2,176	1,766	13,384
526									
527	Winter:								
528	Cust. Chg		\$182.26	\$182.26	\$182.26	\$182.26	\$182.26	\$182.26	\$1,093.58
529	Headblock	\$ 0.2560	\$256.00	\$256.00	\$256.00	\$256.00	\$256.00	\$256.00	\$1,536.00
530	Tailblock	\$ 0.1749	\$160.19	\$225.27	\$298.95	\$267.42	\$205.71	\$133.97	\$1,291.52
531	HB Threshold	1,000							
532									
533	Summer:								
534	Cust. Chg								
535	Headblock	\$ 0.1891							
536	Tailblock	\$ 0.1132							
537	HB Threshold	1,000							
538									
539	Total Base Rate Amount		\$598.45	\$663.53	\$737.21	\$705.68	\$643.98	\$572.24	\$3,921.10
540									
541	COG Rate - (Winter)		\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322
542	COG amount - Winter		\$253.2804	\$302.4718	\$358.1631	\$334.3335	\$287.6911	\$233.4658	\$1,769.41
543									
544	COG Rate - (Summer)								
545	COG amount - Summer								
546									
547	LDAC		\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890
548	LDAC amount		\$170.51	\$203.63	\$241.12	\$225.08	\$193.68	\$157.17	\$1,191.20
549									
550	Total Bill		\$1,022.25	\$1,169.63	\$1,336.50	\$1,265.10	\$1,125.35	\$962.88	\$6,881.70
551		-	-			•		_	

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
1,399	1,382	1,237	1,246	1,341	1,653	8,259	21,644
\$182.26	\$182.26	\$182.26	\$182.26	\$182.26	\$182.26	\$1,093.58	\$2,187.16
\$189.10	\$182.20	\$182.20	\$182.20	\$189.10	\$189.10	\$1,134.60	\$2,670.60
\$45.21	\$43.28	\$26.82	\$27.90	\$38.60	\$73.93	\$255.74	\$1,547.26
\$416.58	\$414.64	\$398.18	\$399.26	\$409.96	\$445.29	\$2,483.92	\$6,405.02
\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$0.5423
\$1,688.81	\$1,668.21	\$1,492.71	\$1,504.22	\$1,618.29	\$1,994.96	\$9,967.21	\$11,736.6
\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0916
\$133.92	\$132.29	\$118.37	\$119.29	\$128.33	\$158.20	\$790.41	\$1,981.61
\$2,239,31	\$2,215,15	\$2,009.27	\$2,022,76	\$2,156,59	\$2,598.46	\$13,241.54	\$20,123,24

552	DIFFERENCE:							
553	Total Bill	\$94.73	\$105.03	\$116.70	\$111.71	\$101.94	\$90.58	\$620.69
554	% Change	9.27%	8.98%	8.73%	8.83%	9.06%	9.41%	9.02%
555								
556	Base Rate	\$94.73	\$105.03	\$116.70	\$111.71	\$101.94	\$90.58	\$620.69
557	% Change	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%	15.83%
558								
559	COG & LDAC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
560	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

\$65.91	\$65.60	\$63.00	\$63.17	\$64.86	\$70.45	\$392.98	\$1,013.67
2.94%	2.96%	3.14%	3.12%	3.01%	2.71%	2.97%	5.04%
\$65.91	\$65.60	\$63.00	\$63.17	\$64.86	\$70.45	\$392.98	\$1,013.67
15.82%	15.82%	15.82%	15.82%	15.82%	15.82%	15.82%	15.83%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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561	Winter Season (Jan Apr., Nov Dec.)									
562	Commercial/Industrial - High Annua	al Us	e, Load Factor I	Less Than 90%	(G-53)					
563	PROPOSED									Ī
564				Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
565	average Usage (Therms)			26,393	30,514	34,284	31,537	28,621	23,002	174,351
566										
567	Winter:									
568	Cust. Chg			\$933.33	\$933.33	\$933.33	\$933.33	\$933.33	\$933.33	\$5,599.98
569	Headblock			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
570	Tailblock	\$	0.2073	\$5,471.30	\$6,325.48	\$7,107.05	\$6,537.65	\$5,933.24	\$4,768.23	\$36,142.95
571	HB Threshold		-							
572										
573	Summer:									
574	Cust. Chg									
575	Headblock									
576	Tailblock	\$	0.1051							
577	HB Threshold		-							
578										
579	Total Base Rate Amount			\$6,404.63	\$7,258.81	\$8,040.38	\$7,470.98	\$6,866.57	\$5,701.56	\$41,742.93
580										
581	COG Rate - (Winter)			\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322
582	COG amount - Winter			\$3,489.1727	\$4,033.9057	\$4,532.3302	\$4,169.2122	\$3,783.7616	\$3,040.8102	\$23,049.19
583										
584	COG Rate - (Summer)									
585	COG amount - Summer									
586										
587	LDAC			\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890
588	LDAC amount			\$2,348.99	\$2,715.72	\$3,051.27	\$2,806.81	\$2,547.31	\$2,047.14	\$15,517.23
589										
590	Total Bill			\$12,242.79	\$14,008.43	\$15,623.98	\$14,447.00	\$13,197.64	\$10,789.51	\$80,309.35

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
18,412	20,467	17,338	18,127	19,178	22,948	116,471	290,822
\$933.33	\$933.33	\$933.33	\$933.33	\$933.33	\$933.33	\$5,599.98	\$11,199.96
\$0.00 \$1,935.12	\$0.00 \$2,151.13	\$0.00 \$1,822.28	\$0.00 \$1,905.11	\$0.00 \$2,015.64	\$0.00 \$2,411.81	\$0.00 \$12,241.09	\$0.00 \$48,384.03
\$2,868.45	\$3,084.46	\$2,755.61	\$2,838.44	\$2,948.97	\$3,345.14	\$17,841.07	\$59,583.99
\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$0.5626
\$22,219.81	\$24,700.16	\$20,924.09	\$21,875.19	\$23,144.40	\$27,693.37	\$140,557.02	\$163,606.21
\$0.0957 \$1,762.04	\$0.0957 \$1,958.74	\$0.0957 \$1,659.29	\$0.0957 \$1,734.72	\$0.0957 \$1,835.37	\$0.0957 \$2,196.10	\$0.0957 \$11,146.26	\$0.0917 \$26,663.49
\$26,850.30	\$29,743.36	\$25,338.99	\$26,448.34	\$27,928.74	\$33,234.61	\$169,544.34	\$249,853.70

591	Winter Season (Jan Apr., Nov Dec.)	
592	Commercial/Industrial - High Annual Use, Load Factor I	Less Than 90% (G-53)
593	CURRENT	

Nov-23   Dec-23   Jan-24   Feb-24   Mar-24   Apr-24   Winter	593	CURRENT							
Section   Sect	594		Nov-23						
597         Winter:         \$80 Cust. Chg         \$805.75         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00 <td></td> <td>average Usage (Therms)</td> <td>26,393</td> <td>30,514</td> <td>34,284</td> <td>31,537</td> <td>28,621</td> <td>23,002</td> <td>174,351</td>		average Usage (Therms)	26,393	30,514	34,284	31,537	28,621	23,002	174,351
598         Cust. Chg         \$805.75         \$81,000         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00         \$80.00									
599   Headblock         Keadblock         \$0.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
Tailblock   S 0.1790   S4,724.37   S5,461.94   S6,136.82   S5,645.15   S5,123.25   S4,117.28   S31,208.82									
601 HB Threshold - 602 603 Summer: 604 Cust. Chg 605 Headblock 606 Tailblock \$ 0.0907 607 HB Threshold - 608 608 609 Cog are - (Winter) \$ 0.1322 \$									
602   Summer: 604   Cust. Chg 605   Headblock 606   Tailblock   S 0.0907   608   Cust. Chg 609   Total Base Rate Amount   S5,530.13   S6,267.70   S6,942.57   S6,450.90   S5,929.00   S4,923.04   S36,043.34   610   COG Rate - (Winter)   S0,1322   S0,1322   S0,1322   S0,1322   S0,1322   S0,1322   S0,1322   612   COG amount - Winter   S3,489,1727   S4,033.9057   S4,532.3302   S4,169.2122   S3,783.7616   S3,040.8102   S23,049.19   613   COG Rate - (Summer)   614   COG Rate - (Summer)   615   COG amount - Summer   616   COG Rate - (Summer)   617   LDAC   S0,0890   S0,0890   S0,0890   S0,0890   S0,0890   S0,0890   S0,0890   618   LDAC amount   S2,348.99   S2,715.72   S3,051.27   S2,806.81   S2,547.31   S2,047.14   S15,517.23			\$4,724.37	\$5,461.94	\$6,136.82	\$5,645.15	\$5,123.25	\$4,117.28	\$31,208.82
603   Summer:   Cust. Chg		HB Threshold -							
604   Cust. Chg   Headblock   Headblock   S 0.0907   HB Threshold   S 0.0907									
Headblock	603	Summer:							
606   Tailblock   S 0.0907   HB Threshold   -									
607   HB Threshold	605								
608         Total Base Rate Amount         \$5,530.13         \$6,267.70         \$6,942.57         \$6,450.90         \$5,929.00         \$4,923.04         \$36,043.34           610         10         \$0.1322         \$0.049.10									
609	607	HB Threshold -							
610 COG Rate - (Winter) \$0.1322 \$0.132	608								
611 COG Rate - (Winter) \$0.1322 \$0.132	609	Total Base Rate Amount	\$5,530.13	\$6,267.70	\$6,942.57	\$6,450.90	\$5,929.00	\$4,923.04	\$36,043.34
612 COG amount - Winter \$3,489.1727 \$4,033.9057 \$4,532.3302 \$4,169.2122 \$3,783.7616 \$3,040.8102 \$23,049.19 615 616 617 LDAC \$0.0890 \$0	610								
613   COG Rate - (Summer)   615   COG amount - Summer   616   CDAC   S0.0890	611	COG Rate - (Winter)	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322
614 COG Rate - (Summer) 615 COG amount - Summer 616 COG amount - Summer 617 LDAC \$0.0890 \$0.08	612	COG amount - Winter	\$3,489.1727	\$4,033.9057	\$4,532.3302	\$4,169.2122	\$3,783.7616	\$3,040.8102	\$23,049.19
615 COG amount - Summer 616 C17 LDAC \$0.0890 \$	613								
616         S0.0890         \$0	614	COG Rate - (Summer)							
617 LDAC \$0.0890 \$0.08	615	COG amount - Summer							
618 LDAC amount \$2,348.99 \$2,715.72 \$3,051.27 \$2,806.81 \$2,547.31 \$2,047.14 \$15,517.23	616								
	617	LDAC	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890
619	618	LDAC amount	\$2,348.99	\$2,715.72	\$3,051.27	\$2,806.81	\$2,547.31	\$2,047.14	\$15,517.23
	619								
620 Total Bill \$11,368.29 \$13,017.32 \$14,526.17 \$13,426.92 \$12,260.08 \$10,010.99 \$74,609.76	620	Total Bill	\$11,368.29	\$13,017.32	\$14,526.17	\$13,426.92	\$12,260.08	\$10,010.99	\$74,609.76
621	621	·							

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
18,412	20,467	17,338	18,127	19,178	22,948	116,471	290,822
\$805.75	\$805.75	\$805.75	\$805.75	\$805.75	\$805.75	\$4,834.52	\$9,669.0
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$1,669.98	\$1,856.40	\$1,572.60	\$1,644.08	\$1,739.47	\$2,081.36	\$10,563.91	\$41,772.7
\$2,475.74	\$2,662.15	\$2,378.35	\$2,449.84	\$2,545.23	\$2,887.12	\$15,398.43	\$51,441.
\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$0.5626
\$22,219.81	\$24,700.16	\$20,924.09	\$21,875.19	\$23,144.40	\$27,693.37	\$140,557.02	\$163,606.
\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0917
\$1,762.04	\$1,958.74	\$1,659.29	\$1,734.72	\$1,835.37	\$2,196.10	\$11,146.26	\$26,663.4
\$26,457.59	\$29,321.05	\$24,961.74	\$26,059.74	\$27,525.00	\$32,776.59	\$167,101,71	\$241,711.

622	DIFFERENCE:							
623	Total Bill	\$874.50	\$991.11	\$1,097.81	\$1,020.08	\$937.56	\$778.52	\$5,699.59
624	% Change	7.69%	7.61%	7.56%	7.60%	7.65%	7.78%	7.64%
625								
626	Base Rate	\$874.50	\$991.11	\$1,097.81	\$1,020.08	\$937.56	\$778.52	\$5,699.59
627	% Change	15.81%	15.81%	15.81%	15.81%	15.81%	15.81%	15.81%
628								
629	COG & LDAC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
630	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

\$392.71	\$422.31	\$377.25	\$388.60	\$403.74	\$458.02	\$2,442.64	\$8,142.23
1.48%	1.44%	1.51%	1.49%	1.47%	1.40%	1.46%	3.37%
\$392.71	\$422.31	\$377.25	\$388.60	\$403.74	\$458.02	\$2,442.64	\$8,142.23
15.86%	15.86%	15.86%	15.86%	15.86%	15.86%	15.86%	15.83%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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631	Winter Season (Jan Apr., Nov Dec.)									
632	Commercial/Industrial - High Annual Us	e, Load Factor (	Greater Than 90	)% (G-54)						
633	PROPOSED									
634			Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter	
635	average Usage (Therms)		49,645	38,470	49,085	44,097	46,513	54,074	281,883	
636										
637	Winter:									
638	Cust. Chg		\$934.10	\$934.10	\$934.10	\$934.10	\$934.10	\$934.10	\$5,604.60	
639	Headblock		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
640	Tailblock \$	0.0790	\$3,921.99	\$3,039.12	\$3,877.69	\$3,483.63	\$3,674.49	\$4,271.87	\$22,268.79	
641	HB Threshold	-								
642										
643	Summer:									
644	Cust. Chg									
645	Headblock									
646	Tailblock \$	0.0447								
647	HB Threshold	-								
648										
649	Total Base Rate Amount		\$4,856.09	\$3,973.22	\$4,811.79	\$4,417.73	\$4,608.59	\$5,205.97	\$27,873.39	
650										
651	COG Rate - (Winter)		\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	
652	COG amount - Winter		\$6,563.1204	\$5,085.7223	\$6,488.9993	\$5,829.5703	\$6,148.9603	\$7,148.6185	\$37,264.99	
653										
654	COG Rate - (Summer)									
655	COG amount - Summer									
656										
657	LDAC		\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	
658	LDAC amount		\$4,418.44	\$3,423.82	\$4,368.54	\$3,924.60	\$4,139.62	\$4,812.61	\$25,087.63	
659										
660	Total Bill		\$15,837.65	\$12,482.77	\$15,669.33	\$14,171.90	\$14,897.17	\$17,167.20	\$90,226.01	

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
48,707	52,212	51,948	60,402	51,600	63,956	328,826	610,709
\$934.10	\$934.10	\$934.10	\$934.10	\$934.10	\$934.10	\$5,604.60	\$11,209.20
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$2,177.19	\$2,333.89	\$2,322.09	\$2,699.99	\$2,306.52	\$2,858.84	\$14,698.52	\$36,967.32
		00.056.40	02.624.00		02.502.04		040.486.50
\$3,111.29	\$3,267.99	\$3,256.19	\$3,634.09	\$3,240.62	\$3,792.94	\$20,303.12	\$48,176.52
\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$0.7108
\$58,779.39	\$63,009.80	\$62,691.30	\$72,893.56	\$62,270.87	\$77,182.35	\$396,827.27	\$434,092.26
\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0926
\$4,661.24	\$4,996.72	\$4,971.46	\$5,780.51	\$4,938.12	\$6,120.61	\$31,468.65	\$56,556.28
\$66,551,92	\$71,274.51	\$70,918.95	\$82,308.15	\$70,449.61	\$87,095.90	\$448,599.05	\$538,825.06

Winter Season (Jan. - Apr., Nov. - Dec.)
 Commercial/Industrial - High Annual Use, Load Factor Greater Than 90% (G-54)

663	CURRENT							ľ
664		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
665	average Usage (Therms)	49,645	38,470	49,085	44,097	46,513	54,074	281,883
666								
667	Winter:							
668	Cust. Chg	\$806.42	\$806.42	\$806.42	\$806.42	\$806.42	\$806.42	\$4,838.52
669	Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
670	Tailblock \$ 0.0682	\$3,385.82	\$2,623.65	\$3,347.58	\$3,007.39	\$3,172.16	\$3,687.87	\$19,224.45
671	HB Threshold -							
672								
673	Summer:							
674	Cust. Chg							
675	Headblock							
676	Tailblock \$ 0.0386							
677	HB Threshold -							
678								
679	Total Base Rate Amount	\$4,192.23	\$3,430.07	\$4,154.00	\$3,813.81	\$3,978.58	\$4,494.28	\$24,062.97
680								
681	COG Rate - (Winter)	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322
682	COG amount - Winter	\$6,563.1204	\$5,085.7223	\$6,488.9993	\$5,829.5703	\$6,148.9603	\$7,148.6185	\$37,264.99
683								
684	COG Rate - (Summer)							
685	COG amount - Summer							
686								
	LDAC	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890
688	LDAC amount	\$4,418.44	\$3,423.82	\$4,368.54	\$3,924.60	\$4,139.62	\$4,812.61	\$25,087.63
689								
690	Total Bill	\$15,173.79	\$11,939.61	\$15,011.54	\$13,567.97	\$14,267.15	\$16,455.51	\$86,415.58
691								

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
48,707	52,212	51,948	60,402	51,600	63,956	328,826	610,709
\$806.42	\$806.42	\$806.42	\$806.42	\$806.42	\$806.42	\$4,838.52	\$9,677.03
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$1,880.08	\$2,015.39	\$2,005.21	\$2,331.53	\$1,991.76	\$2,468.71	\$12,692.69	\$31,917.14
\$2,686.50	\$2,821.81	\$2,811.63	\$3,137.95	\$2,798.18	\$3,275.13	\$17,531.20	\$41,594.17
\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$0.7108
\$58,779.39	\$63,009.80	\$62,691.30	\$72,893.56	\$62,270.87	\$77,182.35	\$396,827.27	\$434,092.2
\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0926
\$4,661.24	\$4,996.72	\$4,971.46	\$5,780.51	\$4,938.12	\$6,120.61	\$31,468.65	\$56,556.28
\$66,127,13	\$70,828.33	\$70,474.39	\$81.812.02	\$70,007.17	\$86,578.09	\$445,827,13	\$532,242.7

692	DIFFERENCE:							
693	Total Bill	\$663.85	\$543.16	\$657.80	\$603.92	\$630.02	\$711.68	\$3,810.43
694	% Change	4.37%	4.55%	4.38%	4.45%	4.42%	4.32%	4.41%
695								
696	Base Rate	\$663.85	\$543.16	\$657.80	\$603.92	\$630.02	\$711.68	\$3,810.43
697	% Change	15.84%	15.84%	15.84%	15.84%	15.84%	15.84%	15.84%
698								
699	COG & LDAC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
700	% Change	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

\$424.79 0.64%	\$446.18 0.63%	\$444.57 0.63%	\$496.14 0.61%	\$442.44 0.63%	\$517.81 0.60%	\$2,771.92 0.62%	\$6,582.35 1.24%
\$424.79	\$446.18	\$444.57	\$496.14	\$442.44	\$517.81	\$2,771.92	\$6,582.35
15.81%	15.81%	15.81%	15.81%	15.81%	15.81%	15.81%	15.83%
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

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C. Drew Cayton

Principal Consultant

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## **Education**

M.P.A., University of North Carolina Wilmington

B.A. Political Science, University of North Carolina Wilmington Drew Cayton is a Principal Consultant Black & Veatch's Global Advisory practice as a regulatory subject matter expert advising clients in power and gas industries in jurisdictions throughout North America. Mr. Cayton has industry expertise in regulatory policy and rate making. He has more than fourteen years of investigation, litigation, and negotiation experience in matters set before the Federal Energy Regulatory Commission (FERC or Commission) and various state commissions.

Prior to joining Black & Veatch, Mr. Cayton spent six years as a consultant advising commercial, industrial, municipal, and utility clients on regulatory impacts at both the state and federal level. His work included investigating and analyzing utility and pipeline cost-of-service, cost allocation and rate design, depreciation, rate of return, and billing determinants.

Mr. Cayton spent seven years as an Energy Industry Analyst (Litigation) in FERCs Office of Administrative Litigation. As a technical case team leader, Mr. Cayton managed diverse teams tasked with executing extensive investigations into the propriety of various rate and tariff proposals before the FERC. He developed sound positions incorporating relevant Commission precedents, policies, rules, and regulations and then defended those positions in settlement and litigation proceedings.

Mr. Cayton holds a B.A. in Political Science and a M.P.A. from the University of North Carolina at Wilmington. He concentrated his graduate studies in public policy and public economics.

## **TESTIMONY**



- Florida Gas Transmission Company, LLC, Docket No. RP10-21-00: Filed on behalf of FERC Trial Staff on cost-of-service Issues
- Trans-Alaska Pipeline System, Docket No. IS09-348: Filed on behalf of FERC Trial Staff on Throughput, Cost Allocation and Rate Design
- MIGC, LLC, Docket No. RP12-122: Filed on behalf of FERC Trial Staff on Throughput, Cost Allocation and Rate Design issues
- Sierra Pacific Power Company, Docket No. 18-02011: Filed on behalf of Sierra customers on rate making impacts of the Tax Cuts and Jobs Act of 2017
- Liberty CalPeco, Docket No. A17-10-018, Filed on behalf of CalPeco customers on Catastrophic Emergency Memorandum Account cost responsibility
- Northern Natural Gas, Docket Nos. RP19-59-000 and RP19-1353 on behalf of industrial client group (NNSA)
- Northern Natural Gas, Docket No. RP22-1033 on behalf of a group of local distribution companies

### **SELECTED PROJECTS**

**Cost-of-Service**. Mr. Cayton assists clients in the development of complex and extensive cost-of-service models and is highly skilled in investigation and analysis of pipeline/utility revenue requirements to include rate base calculations, operating expense normalization, corporate overhead and other intercompany transactions, cost allocation, and taxes.

## Natural Gas Experience

- ANR Pipeline, Docket No. RP16-440
- Columbia Gas Pipeline, Docket No. RP20-1060
- Columbia Gulf Pipeline, Docket No. RP16-302
- East Tennessee Gas Transmission, Docket No. RP19-63
- Eastern Gas Transmission and Storage, Docket No. RP21-1187
- Empire Pipeline, Docket No. RP16-300
- Florida Gas Transmission, Dockets No. RP10-21, RP15-101, RP21-441
- Great Lakes Gas Transmission, Docket No. RP17-598
- Kinder Morgan Interstate Transmission, Docket No. RP11-1494
- Liberty EnergyNorth, Docket No. DG20-105
- Maritimes & North East Pipeline, Docket No. RP15-1026
- MoGas, Docket No. RP18-887
- Northern Natural Gas, Docket Nos. RP10-1448, RP19-59, and RP22-1033



- National Fuel, Docket No. RP12-88
- Paiute Pipeline, Docket Nos. RP09-406, RP14-540, and RP19-1291 Natural Gas Experience Continued
- Panhandle Eastern Pipe Line Company, LP, Docket No. RP19-1523
- Southern Natural Gas Company, Docket No. RP13-886
- Southern Star Central Gas Pipeline, Docket No. RP21-778
- Tallgrass Interstate Gas Transmission, Docket No. RP16-137
- Texas Eastern, Docket No. RP21-1188
- Trailblazer, Docket No. RP13-1031
- Transcontinental, Docket No. RP12-993
- Transwestern, Docket No. RP15-23
- Tuscarora, Docket No. RP16-229
- Viking Gas Transmission, Docket No. RP19-1340
- Williston Basin Pipeline Company, Docket No. RP14-118
- Various Pre-Filing Settlements

## Electric Experience

- City of Shelby, OH 2016 and 2019 cost and revenue analysis
- Peine vs AEP, Docket No. ER07-1069
- Liberty CalPeco, Docket No. A.17-10-1018
- Nevada Energy/Sierra Pacific ON Line, Docket No. ER13-1605
- Sierra Pacific, Docket Nos. 16-06006 and 18-0211
- Tri-State G&T, Docket No. ER20-676, et al.
- Various Formula Rate Cases

**Cost Allocation and Rate Design.** Mr. Cayton assists clients in analyzing the impact of various cost allocation methodologies and rate design proposals to include cost causation matching and billing determinates.

## Natural Gas Experience

- ANR Pipeline, Docket No. RP16-440
- Columbia Gas Pipeline, Docket No. RP20-1060
- Columbia Gulf Pipeline, Docket No. RP16-302
- East Tennessee Gas Transmission, Docket No. RP19-63
- Eastern Gas Transmission and Storage, Docket No. RP21-1187
- MIGC, Docket No. RP12-122
- MoGas, Docket No. RP18-887
- Northern Border, Docket No. RP18-234
- Northern Natural Gas, Docket No. RP19-59 and RP22-1033



- Ozark, Docket No. RP11-1495
- Paiute Pipeline, Docket No. RP19-1291

# Natural Gas Experience Continued

- Southern Star Central Gas Pipeline Docket No. RP21-778
- Texas Eastern, Docket No. RP21-1188
- Trailblazer, Docket No. RP13-1031
- Transcontinental, Docket No. RP12-993
- Transwestern, Docket No. RP15-23
- Tuscarora, Docket No. RP16-229
- Viking Gas Transmission, Docket No. RP19-1340
- Williston Basin Pipeline Company, Docket No. RP14-118
- Various Pre-Filing Settlements

## Electric Experience

- City of Shelby, OH 2016 and 2019 cost and revenue analysis
- Liberty CalPeco, Docket No. A.17-10-1018
- Peine vs AEP, Docket No. ER07-1069
- Sierra Pacific Power Company Docket Nos. 16-06006 and 18-02011
- VEPCO, Docket No. PUR-2021-00058
- Various Formula Rate Cases

# Oil Experience

Trans-Alaska Pipeline System, Docket No. IS09-348

### **PRESENTATIONS**

 "New Tax Law and its Impact of Rates – Cost-of-Service" EBA 2018 Annual Meeting