

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

DG 22-045

Winter 2022–2023 and Summer 2023 Cost of Gas

Department of Energy Data Requests – TS Set 1

Date Request Received: 10/11/22
Request No. DOE TS 1-1

Date of Response: 10/21/22
Respondent: James King

REQUEST:

Reference: LDAC filing (August 2, 2022), Supplemental LDAC filing (September 1) COG filing (dated September 1, 2022, filed September 2, 2022) and Updated filing (October 7, 2022) (hereinafter “COG filing” unless otherwise specified)

Please provide all live Excel files that correspond to all the tables and schedules included in the Company’s Winter 2022-23 and Summer 2023 COG and LDAC filings. “Live” files should include the formulas and allow the user to input new figures, if needed.

RESPONSE:

Please see Confidential Attachment DOE TS 1-1.zip.

Confidential Attachment DOE 1-1.zip contains pricing and other information that is “confidential, commercial, or financial information” that is protected from disclosure by RSA 91-A:5, IV, and presumed to be confidential in cost of gas proceedings pursuant to Puc 201.06(a)(11). Therefore, pursuant to that statute and Puc 203.08(d) and Puc 201.01.06(a)(11)(g) (protecting “responses to data requests related to a. through f. above”), the Company has a good faith basis to seek confidential treatment of this information and asserts confidentiality pursuant to those rules.

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

DG 22-045

Winter 2022–2023 and Summer 2023 Cost of Gas

Department of Energy Data Requests – TS Set 1

Date Request Received: 10/11/22
Request No. DOE TS 1-2

Date of Response: 10/21/22
Respondent: Heather M. Tebbetts

REQUEST:

Reference: COG filing

- a. Please update each response to DOE DR Set 1 (LDAC) and DOE Set 2 (COG) so that responses provided are fully accurate with regard to Liberty’s COF filing, including the October 7, 2022 filing. If responses are fully accurate, please verify for each DR response, i.e. “Response to DOE DR Set 1-1 remains accurate; Response to DOE DR Set 1-2 remains accurate . . . (etc.)” For example, please update Schedules 11A and 11B or confirm that Liberty’s COG filing (as of October 7, 2022) is fully accurate.
- b. Please update Liberty’s prefiled testimony to accurately reflect the COG filing (inclusive of the October 7, 2022 updated filing).

RESPONSE:

- a. The Company provided updated schedules and a Technical Statement explaining the changes to the LDAC and COG. The Company routinely provides such updated information in COG filings and has never been asked to again answer all prior data requests. Given the short nature of these COG proceedings, a point DOE repeats regularly, the Company finds it unduly burdensome and not particularly helpful to go through such an exercise. The Company has presented all the necessary information for the Commission to approve the requested rates. Therefore, the Company respectfully declines to go through the exercise requested here.
- b. See the response to b. above. The Company filed a technical statement that accurately reflected the information provided in the October 7, 2022, updated filing.

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

DG 22-045

Winter 2022–2023 and Summer 2023 Cost of Gas

Department of Energy Data Requests – TS Set 1

Date Request Received: 10/11/22
Request No. DOE TS 1-3

Date of Response: 10/21/22
Respondent: Heather M. Tebbetts

REQUEST:

Reference: COG filing and Liberty Response to DOE 2-7 (FPO)

- a. Please correct and clarify Testimony of Heather Tebbetts, Bates page 10-1 (including the table), Schedules 091-094, as discussed at the EnergyNorth Supplement Technical Session on October 3, 2022. For example, please update the table at Bates 011 to compare the bill impact of FPO and Non-FPO rates. See, e.g., Bates 91, Schedule 8, page 1, lines 22, 23, 51, 58-66.
- b. Please provide a comparison table (comparing non-FPO rates and FPO rates and bill impacts) for EnergyNorth Customers, for the last five years showing the rates per therm, the total expenditure for an average residential customer under each program and the difference (positive or negative) between the rates paid.
- c. To date, what percentage of customer have accepted EnergyNorth FPO offers and Liberty-Keene FPO offers to date
- d. Please confirm that in the event the Commission alters the Company's FPO rate in any way, the Company will request additional time for customers who previously accepted to reconsider their position, and will mail information to each residential customer who accepted or accepts. Approximately how much additional time will the Company request for customers to reconsider?

RESPONSE:

- a. Please see the table below which provides winter bill impacts including FPO and non-FPO rates.

Winter Rates Comparison				
Rate Class	9/2/22 Rate	10/7/22 Rate	\$ Change	% Change
Residential	\$1.7335	\$1.4300	(\$0.3035)	-18%
Low Income	\$0.9534	\$0.7865	(\$0.1669)	-18%
High Winter Use	\$1.7336	\$1.4301	(\$0.3035)	-18%
Low Winter Use	\$1.7331	\$1.4296	(\$0.3035)	-18%

FPO Winter Rate Comparison				
Rate Class	FPO	10/7/22 Non-FPO	\$ Difference	% Difference
Residential	\$1.7535	\$1.4300	\$0.3235	18%
Low Income	\$0.9644	\$0.7865	\$0.1779	18%

Winter Bill Impact				
Rate Class	2022-2023	2021-2022	\$ Change	% Change
Residential	\$ 1,453.54	\$ 1,039.04	\$414.50	40%
Low Income	\$830.46	\$ 804.09	\$26.37	3%
High Winter Use	\$4,105.53	\$ 2,784.95	\$1,320.58	47%
Low Winter Use	\$ 34,817.72	\$ 23,469.16	\$11,348.56	48%

- b. Please see Bates 102 in the October 7, 2022, filing for the rates and bill impacts for FPO and non-FPO customers.
- c. As of October 12, 2022, there are 9,675 ENNG enrollments and 83 Keene enrollments. Using the numbers of equivalent bills as of September 2022, ENNG is 12% of residential customers (9,675 / 83,622 residential customers) and Keene is 9% (83 / 803 residential customers).
- d. Confirmed. The Company estimates at least three weeks to remail the customers plus at least five to seven days to allow customers to enroll or de-enroll. Depending on the volume, the full process could take four to five weeks.

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Department of Energy Data Requests – TS Set 1

Date Request Received: 10/11/22
Request No. DOE TS 1-4

Date of Response: 10/21/22
Respondent: Deborah Gilbertson

REQUEST:

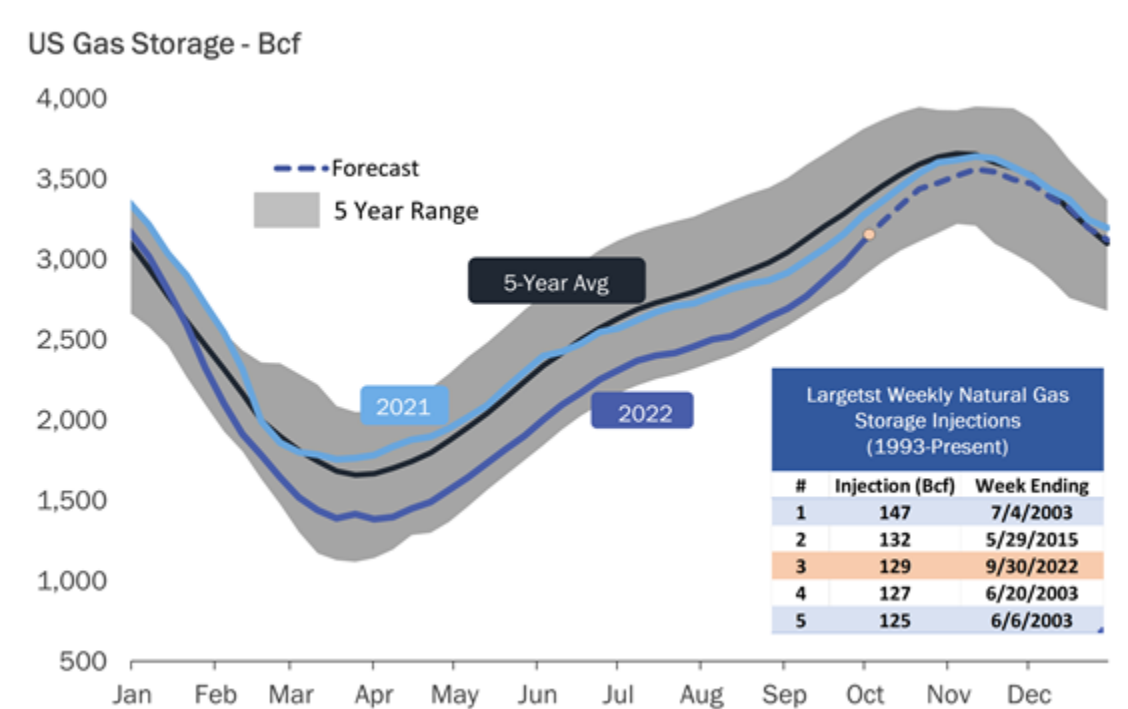
Reference: COG filing, including Gilbert Testimony at 034-37

- a. Please describe the status of storage inventories, previously described as “below the five-year average by roughly twelve percent.” Are inventories now full? If not, why not and are there plans to purchase additional inventory?
- b. Please comment on whether the Company “continues to seek conforming bids for physical supply basis bids for the months of December, January, and February.” Have all needed and preferred (optional) supplies been obtained? Please confirm quantities and sources. If not, what are the Company’s plans to obtain supply or supplement existing supply, or otherwise address the insufficiency?

RESPONSE:

- a. To be clear, the paragraph on Bates 034 discusses the United States’ five-year storage balances and how analysts use the measurement of such storage balances as a tool to predict forward prices in the natural gas market across the nation. It is not to be confused with EnergyNorth’s storage inventory balances. Please refer to Bates 025 and Bates 026, which describe the storage plan for EnergyNorth. The Company is on target to have storage full and ready for the winter.

As for the United States’ five-year storage balance, experts now predict that by December the country should be on track to achieve a national average of underground storage inventory, which is in line with its five-year inventory average as shown in the graph below:



- b. The Company no longer seeks additional gas supplies bids. The Company has secured all needed supplies for winter 2022–23. Although the Company received no viable bids for physical hedge supplies at Zone 6, it did obtain a secure supply of either call or baseload gas for the winter period. The winning Supplier is BP. This contract allows the Company to either use a baseload option or a call option as follows:

Month	Daily Qty
Nov-22	25,000
Dec-22	15,000
Jan-23	10,000
Feb-23	10,000
Mar-23	25,000
Apr-23	20,000

Additionally, the company has a Zone 6 call option for the following quantities:

Month	Call Daily Qty
Nov-22	30,000
Dec-22	30,000
Jan-23	30,000
Feb-23	30,000
Mar-23	30,000
Apr-23	30,000

The winning supplier for the Zone 6 call option is Calpine.

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

DG 22-045

Winter 2022–2023 and Summer 2023 Cost of Gas

Department of Energy Data Requests – TS Set 1

Date Request Received: 10/11/22
Request No. DOE TS 1-6

Date of Response: 10/21/22
Respondent: Erica Menard

REQUEST:

Reference: COG Filing, including “Technical Statement”

Liberty’s October 7, 2022 Technical Statement states, “The Company has also made adjustments to the LDAC per Commission Order 26,691 and 26,692 directing the Company to remove RDAF under-collection recovery....”

Was any RDAF under collection for years prior to 2021-22 included in 10/7 update in the requested rate? If so, why? If not, please confirm that the \$4 million at issue in Dkt. No. DG 22-041, and any other alleged RDAF under collection amounts have been omitted from the Company’s updated October 7, 2022 COG filing.

RESPONSE:

The October 7, 2022, update filing reflects previously approved amounts for RDAF and incorporates actual data through August 31, 2022, to calculate the estimated over- or under-collections as of October 31, 2022, which serves as the basis for the November 1, 2022, starting balance for RDAF rate calculation purposes. The Company has not made any adjustments to the historical over- or under-collections related to the \$4 million in dispute as that is the subject of Docket No. DG 22-041.

REDACTED

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

DG 22-045

Winter 2022–2023 and Summer 2023 Cost of Gas

Department of Energy Data Requests – TS Set 1

Date Request Received: 10/11/22
Request No. DOE TS 1-7

Date of Response: 10/21/22
Respondent: Deborah Gilbertson

REQUEST:

Reference: COG filing and Company-drafted “DOE TS-C DR Set 1” (filed September 8, 2022)

- a. Liberty states that it “uses its propane plants an average of 28 days per winter during the last seven years.” What volume of propane supply could the Company use on those 28 winter days and, given that this winter CNG and LNG are expected to be more expensive than Propane, what efforts has the Company made to obtain propane supplies?
- b. Liberty states that “the Company has historically used propane at 50EDD or higher (approximately 20 degrees Fahrenheit or colder), although the Company has not always used propane on every such day. What factors would result in the Company not using propane on 50EDD days?
- c. Liberty states that a 50% natural gas and 50% propane mix is the maximum concentration of propane that the Company will introduce into its system for customers with high-efficiency equipment. Are there certain types of customers (C&I) that tend to have high-efficiency equipment, or must Liberty assume every pipeline may serve high efficiency equipment?

At what flow rate can the Company use propane for residential customers without high efficiency equipment??

RESPONSE:

- a. Please refer to the September 1, 2022, COG filing in DG 22-045, Bates 028, line 14. The maximum propane vaporization rate is 28,200 MMBtus. Please refer to Bates 027 which describes the four propane facilities which the Company owns and operates. Additionally, the Company has secured a propane winter refill contract that includes trucking to EnergyNorth’s four facilities.
- b. The Company would not use propane if it could obtain a less expensive alternative supply to meet the demand requirements or if operational requirements are not met to safely and reliably run the plants.

- c. Per DOE TS 1-1 (filed September 8, 2022), Liberty stated, “A mix of 50% natural gas and 50% propane is the maximum concentration of propane that the Company will introduce into its system.”

The Company is aware of certain customers who have had issues with the system when the company utilizes propane. The Company has a log of such complaints, which characteristically come from the same customers: e.g., the [REDACTED], [REDACTED], and [REDACTED], although other customers who also have high efficiency equipment, such as residential customers, are likely impacted as well.

The Company has determined that although a 50/50 mix of propane/natural gas is acceptable for supplementing the system currently, as more and more customers switch to newer higher efficient equipment, the operational requirements pertaining to the use of propane may also change. Eighty percent of new construction has high-efficiency equipment installed including residential homes.

The redacted/shaded information above is “individual customer data,” RSA 363:37, I, and is thus protected from disclosure by RSA 363:38 and RSA 91-A:5, IV. Therefore, pursuant to Puc 203.08(d), the Company has a good faith basis to seek confidential treatment of this information and will submit a motion seeking confidential treatment prior to the final hearing in this docket.

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

DG 22-045

Winter 2022–2023 and Summer 2023 Cost of Gas

Department of Energy Data Requests – TS Set 1

Date Request Received: 10/11/22
Request No. DOE TS 1-8

Date of Response: 10/21/22
Respondent: Heather Tebbetts

REQUEST:

Reference: COG Filing

Please explain the Company's increase in the Summer 2022 Reconciliation under collection going from approximately \$7 million to \$11 million in less than one month.

RESPONSE:

The information provided in the September 2, 2022, filing only included actuals through July 2022. The October 7, 2022, filing included actuals for August. Please see the following attachments for the calculation of the projected under-recovery through October 31, 2022.

- Attachment DOE TS 1-8.1.xlsx – calculation of the under-collection
- Attachment DOE TS 1-8.2.xlsx – summer 2022 gas revenues and expenses
- Attachment DOE TS 1-8.3.xlsx – summer 2022 bad debt
- Attachment DOE TS 1-8.4.xlsx – summer 2022 working capital

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

Attachment DOE TS 1-8.1

Calculation of the Projected Over or Under Collection of the
2022 Summer Interim Cost of Gas Filing
DG 21-130

Under/(Over) Collection as of August 31, 2022		\$	16,406,917
Projected Costs 09/01/2022 - 09/30/2022	\$	2,600,765	\$ 2,600,765
Forecasted firm Residential therm sales 09/01/2022 - 09/30/2022		1,877,070	
Residential Cost of Gas Rate per therm	\$	(1.2295)	
Forecasted firm C&I High Winter Use therm sales 09/01/2022 - 09/30/2022		862,550	
C&I- High Winter Use Cost of Gas Rate per therm	\$	(1.2284)	
Forecasted firm C&I Low Winter Use therm sales 09/01/2022 - 09/30/2022		694,570	
C&I- Low Winter Use Cost of Gas Rate per therm	\$	(1.2303)	
Forecast recovered costs at current rate 09/01/2022 - 09/30/2022			\$ (4,221,943.46)
Projected Interest 09/01/2022 - 09/30/2022			\$ 23,057.85
Project Costs 10/1/22 - 10/31/22	\$	5,170,313.33	\$ 5,170,313.33
Forecasted firm Residential therm sales 10/1/22 - 10/31/22		4,436,280	
Residential Cost of Gas Rate per therm	\$	(1.2295)	
Forecasted firm C&I High Winter Use therm sales 10/1/22 - 10/31/22		2,014,150	
C&I- High Winter Use Cost of Gas Rate per therm	\$	(1.2284)	
Forecasted firm C&I Low Winter Use therm sales 10/1/22 - 10/31/22		850,630	
C&I- Low Winter Use Cost of Gas Rate per therm	\$	(1.2303)	
Forecast recovered costs at current rate 10/1/22 - 10/31/22			\$ (8,975,118.21)
Total Estimated Collections			
Projected Interest 10/1/22 - 10/31/22			\$ 18,105.50
Projected under/(over) collection October 31, 2022			\$ 11,022,097
Actual Gas Costs through 8/31/2022	\$	17,213,525	
Revised projected gas costs 09/01/2022 - 10/31/2022	\$	7,812,242	
Estimated total adjusted gas costs (B)			\$ 25,066,930

Under/ (over) collection as percent of total gas costs (A/B)	43.97%
--	--------

Projected under / (over) collection as of 10/31/2021 (A)	\$	11,022,097
Forecasted firm therm sales 10/01/2021-10/31/2021		7,301,060
Calculated change in rate used to reduce forecast under/(over) collection	\$	1.5097
Calculated Cost of Gas Rate	\$	2.7392
Current Cost of Gas Rate	\$	1.2295
Revised Cost of Gas Rate	\$	1.2295
Cap - Residential Cost of Gas Rate	\$	1.2295

Revised as follows:

The revised projected gas costs include NYMEX settled strip prices as of September 20, 2022.

Compliance rates per New Hampshire Public Utilities Commission Order Number 26,649 dated July 15, 2022, in Docket DG 21-130.

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

Attachment DOE TS 1-8.1

Projected Over or Under Collection

Without Rate Adjustment	Beginning Under/(Over)	May-22 (Actual)	Jun-22 (Actual)	Jul-22 (Actual)	Aug-22 (Actual)	Sep-22 (Estimate)	Oct-22 (Estimate)	Total Peak
Total Gas Costs		\$ 5,096,075	\$ 4,267,348	\$ 3,356,469	\$ 4,493,632	\$ 2,479,444	\$ 5,170,313	\$ 24,863,282
Adjustments and Indirect Costs								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt		-	-	-	-	-	-	-
Return on Inventory per DG 17-048		-	-	-	-	-	-	-
Transportation Revenue		-	-	-	\$ -	\$ -	\$ -	-
Broker Revenue		-	-	-	-	-	-	-
Off System and Capacity Release		-	-	-	-	-	-	-
Fixed Price Option Admin.		-	-	-	-	\$ -	\$ -	-
Bad Debt Costs		34,959	20,088	19,392	29,262	116,929	116,929	337,560
Working Capital		11,603	9,278	7,488	10,302	4,393	4,393	47,458
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		-	-	-	-	-	-	-
Total Indirect Costs		\$ 46,562	\$ 29,366	\$ 26,881	\$ 39,564	\$ 121,322	\$ 121,322	\$ 385,018
Interest		24,850	33,610	49,818	68,899	23,058	18,106	\$ 218,340
Total Gas Costs plus Indirect Costs	\$ 7,707,954	5,167,487	4,330,325	3,433,168	4,602,095	2,623,824	5,309,741	\$ 33,174,593
Total Forecasted Sales Volumes		12,357,817	7,130,362	4,983,541	4,534,539	3,434,190	7,301,060	39,741,509
Total Forecasted Collections		2,541,999	3,144,212	295,532	2,852,368	4,221,943	8,975,118	\$ 22,031,173
With Rate Adjustment	Beginning Under/(Over)	May-22 (Actual)	Jun-22 (Actual)	Jul-22 (Actual)	Aug-22 (Actual)	Sep-22 (Estimate)	Oct-22 (Estimate)	Total Peak
Total Gas Costs		\$ 5,096,075	\$ 4,267,348	\$ 3,356,469	\$ 4,493,632	\$ 2,479,444	\$ 5,170,313	\$ 24,863,282
Adjustments and Indirect Costs								
Refunds & Adjustments		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
COG Bad Debt		-	-	-	-	-	-	-
Inventory Financing		-	-	-	-	-	-	-
Transportation Revenue		-	-	-	-	-	-	-
Broker Revenue		-	-	-	-	-	-	-
Off System and Capacity Release		-	-	-	-	-	-	-
Fixed Price Option Admin.		-	-	-	-	-	-	-
Bad Debt Costs		34,959	20,088	19,392	29,262	116,929	116,929	337,560
Working Capital		11,603	9,278	7,488	10,302	4,393	4,393	47,458
Misc Overhead		-	-	-	-	-	-	-
Production & Storage		-	-	-	-	-	-	-
Total Indirect Costs		\$ 46,562	\$ 29,366	\$ 26,881	\$ 39,564	\$ 121,322	\$ 121,322	\$ 385,018
Interest		24,850	33,610	49,818	68,899	23,058	18,482	\$ 218,717
Total Gas Costs plus Indirect Costs	\$ 7,707,954	5,167,487	4,330,325	3,433,168	4,602,095	2,623,824	5,310,118	\$ 33,174,970
Total Forecasted Sales Volumes		12,357,817	7,130,362	4,983,541	4,534,539	3,434,190	7,301,060	39,741,509
Total Forecasted Collections		2,541,999	3,144,212	295,532	5,576,157	9,485,183	20,164,723	\$ 41,207,806

Liberty Utilities East			
ACCOUNT RECONCILIATION			
Account description	RA - COG Cost-Summer		
Account number	8840-2-0000-10-1920-1741		
Business Unit	Energy North - 8840		
Account purpose	Used to record the cumulative difference between Summer season gas revenues and Summer season gas costs.		
Period Ending	8/31/2022	Preparer	Sue-Ellen Billeci
Frequency	Monthly	Reviewer	Erin O'Brien
A. BALANCE PER GENERAL LEDGER: (attach GL printout) G/L DATE: 08/31/22 \$ 15,639,179.96 + (EO) 8/1/2022			
B. BALANCE PER SUB LEDGER: (attach support to reconciliation) / OR TRANSACTION DETAIL			
1	Beg Bal 12/31/21	9,148,109.84	△ (EO) 8/1/2022
2	Gas Deferral	17,213,524.56	△ (EO) 8/1/2022
3	Gas Supply Collections	(6,439,900.16)	△ (EO) 8/1/2022
4	Carrying charges	-	△ (EO) 8/1/2022
5	Unbilled Accrual - Net	(2,322,206.37)	△ (EO) 8/1/2022
6	Daily Meters Accrual - Net	(73,468.69)	△ (EO) 8/1/2022
7	Interest	256,733.37	△ (EO) 8/1/2022
8	Seasonal Move	-\$ 2,143,612.59	△ (EO) 8/1/2022
		\$ 15,639,179.96	T (EO) 8/1/2022
C = A - B. VARIANCE TO GENERAL LEDGER		\$ -	T (EO) 8/1/2022
D. EXPLANATION OF KNOWN VARIANCE (Describe known variances and journal entry that resolves the variance)			
1			Journal Entry #
2			
3			
4			
		\$ -	
E = C - D. REMAINDER / UNRECONCILED DIFFERENCE:		\$ -	
CONCLUSION			
Approval and sign off I am comfortable with the account balance as the activity ties to the source documents. Please see the basis for recovery above.			
Preparer sign off	Sue-Ellen Billeci	Reviewer sign off	Erin O'Brien
Completion date	9/22/2022	Approval date	

Summary Inquiry				
File Edit Tools View Help SBILLECI Liberty Utilities New Hampshire 9/22/2022				
Clear				
Account	8840 -2 -0000 -10 -1920 -1741			
Description	R/A - COG Costs - Summer			
Year:	2022			
Period	Debit	Credit	Net Change	Period Balance
Beginning Balance	US\$22,909,624.74	US\$13,761,514.90	US\$9,148,109.84	US\$9,148,109.84
Period 1	US\$22,287.35	US\$2,147,568.27	(US\$2,125,280.92)	US\$7,022,828.92
Period 2	US\$19,421.12	US\$0.00	US\$19,421.12	US\$7,042,250.04
Period 3	US\$20,850.97	US\$0.00	US\$20,850.97	US\$7,063,101.01
Period 4	US\$20,317.32	US\$828.77	US\$19,488.55	US\$7,082,589.56
Period 5	US\$5,120,925.11	US\$2,541,998.94	US\$2,578,926.17	US\$9,661,515.73
Period 6	US\$5,832,786.94	US\$4,676,040.69	US\$1,156,746.25	US\$10,818,261.98
Period 7	US\$5,842,716.53	US\$2,731,961.45	US\$3,110,755.08	US\$13,929,017.06
Period 8	US\$5,761,639.39	US\$4,051,536.43	US\$1,710,162.90	US\$15,639,179.96
Period 9	US\$2,395,675.06	US\$0.00	US\$2,395,675.06	US\$18,034,855.02
Period 10	US\$0.00	US\$0.00	US\$0.00	US\$18,034,855.02
Period 11	US\$0.00	US\$0.00	US\$0.00	US\$18,034,855.02
Period 12	US\$0.00	US\$0.00	US\$0.00	US\$18,034,855.02
Totals	US\$47,946,304.53	US\$29,911,449.51	US\$18,034,855.02	US\$18,034,855.02
Currency				
by Account				

(EO) 8/1/2022

Beginning Balance	9,148,109.84
Ending Balance	15,639,179.96
Activity	6,491,070.12

1/1/2022	(EO) 8/1/2022
8/31/2022	(EO) 8/1/2022

**EnergyNorth Gas Company
Account Reconciliation
August-22**

8840-2-0000-10-1920-1741

Reconciliation:

Description
B. Balance
Gas Cost Deferral
Seasonal Movement per pUC
Unbilled Revenue Accrual
COST of GAS Accrual - C&I daily meters
Collections - Gas Supply
Carrying Charges
Interest on Deferral
E. Balance

**EnergyNorth Gas Company
Account Reconciliation
August-22**

8840-2-0000-10-1920-1741

Reconciliation:

Balance per Ledger

Sum of Net Row Labels	Column Labels BBF	1/31/2022	2/28/2022	3/31/2022	4/30/2022	5/31/2022	6/30/2022	7/31/2022	8/31/2022	Grand Total	! (EO) 8/1/2022
BBF	9,148,109.84									9,148,109.84	
Interest		22,287.35	17,511.35	19,440.49	20,317.32	24,849.85	33,610.14	49,817.82	68,899.05	256,733.37	
Gas Supply		(3,935.68)	1,889.77	1,410.48	(828.77)	(1,010,170.10)	(2,239,611.09)	(1,541,169.06)	(1,647,485.71)	(6,439,900.16)	
Seasonal Move		(2,143,632.59)	20.00							(2,143,612.59)	
Daily Meters Current month						(85,979.46)	(67,704.59)	(65,755.99)	(73,468.69)	(292,908.73)	
Gas Deferral						5,096,075.26	4,267,347.96	3,356,469.11	4,493,632.23	17,213,524.56	
Unbilled Current Month						(1,445,849.38)	(2,368,725.01)	(1,125,036.40)	(2,322,206.37)	(7,261,817.16)	
Prior Month Daily meters							85,979.46	67,704.59	65,755.99	219,440.04	
Prior month Unbilled							1,445,849.38	2,368,725.01	1,125,036.40	4,939,610.79	
Grand Total	9,148,109.84	(2,125,280.92)	19,421.12	20,850.97	19,488.55	2,578,926.17	1,156,746.25	3,110,755.08	1,710,162.90	15,639,179.96	

15,639,179.96 GI Total
- Variance

	(over)/under	
Over/Under 04/20/2021	(173,617.13)	
Gas Supply	(16,707,112.52)	
Interest	373,607.16	
Unbilled Net	899,747.99	
Deferral	33,409,958.01	
Carrying Charges	2,602.02	
Daily Meter Net	(22,392.98)	
	17,782,792.55	12/31/2021

000018

The screenshot shows the 'Search Account Transactions' dialog box. The title bar indicates the application is 'SAGE50 Liberty Utilities New Hampshire' and the date is '8/22/2002'. The dialog has a menu bar with 'File', 'Edit', 'Tools', and 'Help'. Below the menu bar, there are four search definitions, each with a 'Column Name' and a 'File' field. The 'File' field is set to '1840-2000-10-1920-1741'. There are also checkboxes for 'Field Comparison' and 'Match Case'. At the bottom, there is a 'Maximum Records' field set to '1,410,305,457', a 'Search Type' dropdown set to 'Match All', and 'OK' and 'Cancel' buttons.

Search Definition	Column Name	File	Field Comparison	Match Case
Search Definition 1	Account Number	1840-2000-10-1920-1741	☐	☐
Search Definition 2	Column Name	File	☐	☐
Search Definition 3	Column Name	File	☐	☐
Search Definition 4	Column Name	File	☐	☐

Maximum Records: 1,410,305,457

Search Type: Match All

Buttons: OK, Cancel

[illegible]

© (EO) 8/1/2022 8

Serial Entry	Series	Text	Doc Type	Account Number	Account Description	Class	Debit Amount	Credit Amount	Description	Reference	Originating Member ID	Originating Member Name	Originating Document Number	Originating Internal ID	Originating Source	Document Dates	Source Document	Batch Source	Originating Batch Source	Original Posting Date	Last User	Who Was Posted
193467	Financial	01/11/2022	8840	8840-0-0000-10-1000-1141	BA - COGS Cents - Summer	10	6,579.990000	0.000000	Cost Part Time For Only members						08-BA-COGS-TRD	Open	GLTR00012859	GLTR00012859		6/16/2022	SHILLIE	DAUCHYER
193467	Financial	01/11/2022	8840	8840-0-0000-10-1000-1141	BA - COGS Cents - Summer	10	1,170.430000	0.000000	08-2022 Unrelated Company						08-BA-GAPURFIDE	Open	GLTR00012888	GLTR00012888		6/16/2022	SHILLIE	DAUCHYER
193467	Financial	01/11/2022	8840	8840-0-0000-10-1000-1141	BA - COGS Cents - Summer	10	0.000000	1,647.810000	Cost Supply Collection						08-BA-GAPURFIDE	Open	GLTR00012885	GLTR00012885		6/16/2022	SHILLIE	EDBORN
193468	Financial	01/11/2022	8840	8840-0-0000-10-1000-1141	BA - COGS Cents - Summer	10	0.000000	774.860000	08-2022 Unrelated Company						08-BA-GAPURFIDE	Open	GLTR00012888	GLTR00012888		6/16/2022	SHILLIE	EDBORN
193502	Financial	01/11/2022	8840	8840-0-0000-10-1000-1141	BA - COGS Cents - Summer	10	0.000000	8,375.720000	Cost Purchase Collection						08-BA-GAPURFIDE	Open	GLTR00012885	GLTR00012885		6/16/2022	SHILLIE	EDBORN
193502	Financial	01/11/2022	8840	8840-0-0000-10-1000-1141	BA - COGS Cents - Summer	10	4,930.607000	0.000000	Cost Purchase Collection						08-BA-GAPURFIDE	Open	GLTR00012885	GLTR00012885		6/16/2022	SHILLIE	EDBORN
193502	Financial	01/11/2022	8840	8840-0-0000-10-1000-1141	BA - COGS Cents - Summer	10	0.000000	2,222.260000	08-2022 Unrelated Company						08-BA-GAPURFIDE	Open	GLTR00012888	GLTR00012888		6/16/2022	SHILLIE	EDBORN
194042	Financial	01/11/2022	8840	8840-0-0000-10-1000-1141	BA - COGS Cents - Summer	10	68,889.050000	0.000000	Interest on deferred accounts						08-BA-INTEREST	Open	GLTR00012913			6/16/2022	SHILLIE	EDBORN

Documentation of basis for cost recoverability:

The regulated utility receives a rate order specifying that the costs will be recovered in the future

The incurred cost has been treated by the regulated utility's regulator as an allowable cost of service item in prior regulatory filings

It is the regulator's general policy to allow recovery of the incurred cost

 ENNG Full Tariff Effective 05-01-2020.pdf

(KEC) 04/23/2021

Revised Summary Page 1

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2020 COST OF GAS RESULTS
May 01, 2020 through October 31, 2020
DG 19-145

	Filing (1)	Actual	Difference
Account 8840-2-0000-10-1920-1741			
Balance 10/31/2019 - (Over) / Under	\$ 1,885,446	\$ 2,393,511	\$ 508,066
Prior Period Adjustment 11/1/2019 - 4/30/2020	-	(2,350,100)	(2,350,100)
Interest 11/1/2019 - 4/30/2020	<u>49,622</u>	<u>53,744</u>	<u>4,122</u>
Beginning Balance 5/1/2020	\$ 1,935,067	\$ 97,156	\$ (1,837,911)
Interest 5/1/2020 - 10/31/2020	51,536	26,161	(25,374)
Prior Period Adjustments	-	-	-
Interruptible Margin	-	-	-
280-Day Margin	-	-	-
Emergency Sales Margin	-	-	-
Non-Firm Transportation Margin	-	-	-
Other Transportation Related Margins	-	-	-
Capacity Release and Fixed Price Credits	-	-	-
Price Risk Management	-	-	-
Overhead	2,521	2,521	0
Occupant Disallowance/Credits	-	-	-
Total Bad Debt % Adjustment	-	-	-
Gas Costs	<u>\$ 7,685,193</u>	<u>\$ 8,199,508</u>	<u>\$ 514,316</u>
Total Costs	<u>\$ 7,739,249</u>	<u>\$ 8,228,191</u>	<u>\$ 488,941</u>
Gas Cost Billed	<u>\$ (9,674,316)</u>	<u>\$ (8,498,963)</u>	<u>\$ 1,175,353</u>
Total (Over) / Under 10/31/2020	<u>\$ -</u>	<u>\$ (173,617)</u>	<u>\$ (173,617)</u>



ENNG Compliance Filing for Winter 20-21 and Summer 2021 Order 26,419 in DG 20-141.pdf



5073 2020-10-16 DG 20-152 Winter 2020-2021 COG REVISIONS-CONFIDENTIAL.pdf



ENNG Full Tariff Effective 05-01-2021.pdf



2021-05 Summary of Rates for Gas Service - EnergyNorth shading.xlsx

000022

Liberty Utilities - East																																																				
ACCOUNT RECONCILIATION																																																				
Account description	Deferred Bad Debt - Summer																																																			
Account number	8840-2-0000-10-1163-1754																																																			
Business Unit	Energy North - 8840																																																			
Account purpose	To record the cumulative difference between annual bad debt revenues and annual bad debt costs. Entries to this account shall be determined as outlined in the Cost of Gas clause.																																																			
Period Ending	8/31/2022	Preparer	Sue-Ellen Billeci																																																	
Frequency	Monthly	Reviewer	Erin O'Brien																																																	
A. BALANCE PER GENERAL LEDGER: (attach GL printout) B. BALANCE PER SUB LEDGER: (attach support to reconciliation) / OR TRANSACTION DETAIL <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center;">1</td> <td style="width: 55%;">Balance 12/31/21</td> <td style="width: 10%; text-align: right;">\$</td> <td style="width: 20%; text-align: right;">591,176.16</td> <td style="width: 20%; text-align: right;">△ (EO) 8/4/2022</td> </tr> <tr> <td style="text-align: center;">2</td> <td>CCSM Transactions</td> <td style="text-align: right;">-\$</td> <td style="text-align: right;">47,654.63</td> <td style="text-align: right;">△ (EO) 8/4/2022</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Carrying Charges</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">141,640.96</td> <td style="text-align: right;">△ (EO) 8/4/2022</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Interest</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">16,269.56</td> <td style="text-align: right;">△ (EO) 8/4/2022</td> </tr> <tr> <td style="text-align: center;">5</td> <td>accrued missing batch</td> <td style="text-align: right;">\$</td> <td style="text-align: right;">-</td> <td style="text-align: right;">△ (EO) 8/4/2022</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 3px double black;">701,432.05</td> <td></td> </tr> </table> C = A - B. VARIANCE TO GENERAL LEDGER <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 85%;"></td> <td style="width: 15%; text-align: right; border-top: 1px solid black; border-bottom: 3px double black;">\$ -</td> </tr> </table> D. EXPLANATION OF KNOWN VARIANCE (Describe known variances and journal entry that resolves the variance) <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center;">1</td> <td style="width: 75%;"></td> <td style="width: 20%;"></td> </tr> <tr> <td style="text-align: center;">2</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">3</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">4</td> <td></td> <td></td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black; border-bottom: 3px double black; text-align: right;">\$ -</td> <td style="border-top: 1px solid black; border-bottom: 3px double black;"></td> </tr> </table> E = C - D. REMAINDER / UNRECONCILED DIFFERENCE: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 85%;"></td> <td style="width: 15%; text-align: right; border-top: 1px solid black; border-bottom: 3px double black;">\$ -</td> </tr> </table>				1	Balance 12/31/21	\$	591,176.16	△ (EO) 8/4/2022	2	CCSM Transactions	-\$	47,654.63	△ (EO) 8/4/2022	3	Carrying Charges	\$	141,640.96	△ (EO) 8/4/2022	4	Interest	\$	16,269.56	△ (EO) 8/4/2022	5	accrued missing batch	\$	-	△ (EO) 8/4/2022				701,432.05			\$ -	1			2			3			4			\$ -				\$ -
1	Balance 12/31/21	\$	591,176.16	△ (EO) 8/4/2022																																																
2	CCSM Transactions	-\$	47,654.63	△ (EO) 8/4/2022																																																
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Approval and sign off <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">Preparer sign off</td> <td style="width: 50%; border-bottom: 1px solid black;">Reviewer sign off</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Sue-Ellen Billeci</td> <td style="border-bottom: 1px solid black;">Erin O'Brien</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Completion date</td> <td style="border-bottom: 1px solid black;">Approval date</td> </tr> <tr> <td style="border-bottom: 1px solid black;">9/22/2022</td> <td style="border-bottom: 1px solid black;"></td> </tr> </table>				Preparer sign off	Reviewer sign off	Sue-Ellen Billeci	Erin O'Brien	Completion date	Approval date	9/22/2022																																										
Preparer sign off	Reviewer sign off																																																			
Sue-Ellen Billeci	Erin O'Brien																																																			
Completion date	Approval date																																																			
9/22/2022																																																				

EnergyNorth Gas Company
Account Reconciliation
August-22

8840-2-0000-10-1163-1754

Deferred Bad Debt Summer
Reconciliation:

	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5
Description	May-19	June-19	July-19	August-19	September-19	October-19	November-19	December-19	January-20	February-20	March-20	April-20	May-20	June-20	July-20	August-20	September-20	October-20	November-20	December-20	January-21	February-21	March-21	April-21	May-21
B. Balance	(237,749.52)	(234,363.95)	0.00	(296,004.68)	(310,881.51)	(0.00)	(348,529.39)	(426,784.69)	(426,777.02)	(426,718.85)	(426,912.09)	(432,267.07)	(433,456.99)	(399,649.80)	(356,202.11)	(326,325.69)	(298,958.07)	(268,910.25)	(225,095.77)	(188,551.37)	(185,375.59)	(185,683.25)	(186,044.84)	(186,447.43)	(186,912.83)
Liberty Day 1 Transfer																									
Seasonal Movement Adjustment																									
Missing Cycle Bills		(1,506.53)	844.87	661.66																					
CCSM Billing Transactions	(32,623.69)	(75,437.00)	(42,828.35)	(37,516.95)	(37,548.89)	(54,171.17)	(70,756.33)	(5,627.71)	(225.37)	(193.24)	(18.65)	(38.34)	14,055.44	29,204.26	17,878.16	14,650.34	15,075.34	23,916.93	37,083.37	3,689.73	202.35	99.96	109.39	31.24	49,720.12
Unbundling									(0.38)																
MR. Occupant																									
Interest on Delinquent	(1,100.11)	(1,160.36)	(689.74)	(1,414.15)	(1,300.20)	(738.46)	(1,499.82)	(1,706.10)	(1,717.47)		(1,326.33)	(1,151.58)	(1,145.08)	(1,005.43)	(938.12)	(859.44)	(755.38)	(679.60)	(550.23)	(513.95)	(510.01)	(461.53)	(511.98)	(496.64)	(409.29)
Journals for Billing Batches missing																									
Reclass Asset to Liability		280,167.32	(280,167.32)		322,817.96	(322,817.96)																			
Collected Gas Cost																									
Carrying Charge Bad Debt	37,409.37	27,300.52	26,835.86	23,392.61	26,912.44	29,198.20							20,896.83	15,248.86	12,936.38	13,576.72	14,827.86	20,576.55	11.26						26,727.55
Interest correction from Jan wry note									(24.83)																
DPO Header Reclass to Winter																									
CCSM - Parent Transactions in error							0.23	766.45	1.01																
C. Balance	(234,363.95)	0.00	(296,004.68)	(310,881.51)	(0.00)	(348,529.39)	(426,784.69)	(426,777.02)	(426,718.85)	(426,912.09)	(432,267.07)	(433,456.99)	(399,649.80)	(356,202.11)	(326,325.69)	(298,958.07)	(268,910.25)	(225,095.77)	(188,551.37)	(185,375.59)	(185,683.25)	(186,044.84)	(186,447.43)	(186,912.83)	(186,912.83)
Balance per Ledger	(234,363.95)	0.00	(296,004.68)	(310,881.51)	(0.00)	(348,529.39)	(426,784.69)	(426,777.02)	(426,718.85)	(426,912.09)	(432,267.07)	(433,456.99)	(399,649.80)	(356,202.11)	(326,325.69)	(298,958.07)	(268,910.25)	(225,095.77)	(188,551.37)	(185,375.59)	(185,683.25)	(186,044.84)	(186,447.43)	(186,912.83)	(186,912.83)
Variance																									(0.00)
Collections total																									

Summary Inquiry				
File Edit Tools View Help SBILLECI Liberty Utilities New Hampshire 9/22/2022				
Clear				
Account	8840 -2 -0000 -10 -1163 -1754			
Description	Deferred Bad Debt - Summer			
Year:				2022
Period	Debit	Credit	Net Change	Period Balance
Beginning Balance	US\$781,651.08	US\$190,474.92	US\$591,176.16	US\$591,176.16
Period 1	US\$2,704.82	US\$750.83	US\$1,953.99	US\$593,130.15
Period 2	US\$1,775.83	US\$459.52	US\$1,316.31	US\$594,446.46
Period 3	US\$2,068.67	US\$561.91	US\$1,506.76	US\$595,953.22
Period 4	US\$1,891.73	US\$114.23	US\$1,777.50	US\$597,730.72
Period 5	US\$43,134.96	US\$8,176.34	US\$34,958.62	US\$632,689.34
Period 6	US\$37,739.13	US\$17,651.06	US\$20,088.07	US\$652,777.41
Period 7	US\$31,829.84	US\$12,437.36	US\$19,392.48	US\$672,169.89
Period 8	US\$40,581.92	US\$11,319.76	US\$29,262.16	US\$701,432.05
Period 9	US\$23.36	US\$8,260.82	(US\$8,237.46)	US\$693,194.59
Period 10	US\$0.00	US\$0.00	US\$0.00	US\$693,194.59
Period 11	US\$0.00	US\$0.00	US\$0.00	US\$693,194.59
Period 12	US\$0.00	US\$0.00	US\$0.00	US\$693,194.59
Totals	US\$943,401.34	US\$250,206.75	US\$693,194.59	US\$693,194.59
Currency				
by Account				

⚙ (EO) 8/4/2022

Beginning Balance	591,176.16	1/1/2022	n (EO) 8/4/2022
Ending Balance	701,432.05	8/31/2022	n (EO) 8/4/2022
Activity	110,255.89		

Sum of Net Row Labels	Column Labels BBF	1/31/2022	2/28/2022	3/31/2022	4/30/2022	5/31/2022	6/30/2022	7/31/2022	8/31/2022	Grand Total
BBF	591,176.16									591,176.16
CCSM-BILL		1,071.99	296.66	428.02	174.36	(7,564.04)	(17,107.38)	(11,758.96)	(11,181.08)	(45,640.43)
CCSM-VOID		(750.25)	(458.91)	(561.91)	(111.34)	(275.21)	(71.61)	241.64	(26.61)	(2,014.20)
Interest		1,632.25	1,478.56	1,640.65	1,714.48	1,826.06	2,109.63	2,667.20	3,200.73	16,269.56
Carrying Charge						40,971.81	35,157.43	28,766.67	36,745.05	141,640.96
Cycle 17 Accrual								(524.07)	524.07	0.00
Grand Total	591,176.16	1,953.99	1,316.31	1,506.76	1,777.50	34,958.62	20,088.07	19,392.48	29,262.16	701,432.05

;(EO) 8/4/2022

GI Total 701,432.05
Variance -

EO Q3 CF review:

0.00 BS

0.00 PL

	(Over)/Under
Over/Under 10/31	(225,095.77)
CCSM	615,008.40
Interest	3,541.96
Carrying Charges	216,754.36
12/31/2021	610,208.95

000028

000029

000031

172856	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.05	0.050	C-COMAR	number 241639	CCOM-AD0	241639	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172857	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.06	0.062	C-COMAR	number 241672	CCOM-AD0	241672	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172858	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.06	0.062	C-COMAR	number 241682	CCOM-AD0	241682	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172859	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.20	0.209	C-COMAR	number 241690	CCOM-AD0	241690	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172860	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.20	0.209	C-COMAR	number 241690	CCOM-AD0	241690	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172861	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.75	0.75	C-COMAR	number 241696	CCOM-AD0	241696	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172862	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.45	0.451	C-COMAR	number 241676	CCOM-AD0	241676	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172863	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.15	0.15	C-COMAR	number 241700	CCOM-BALL	241700	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172864	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.10	0.10	C-COMAR	number 241700	CCOM-BALL	241700	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172865	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.89	0.89	C-COMAR	number 241707	CCOM-BALL	241707	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172866	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.10	0.10	C-COMAR	number 241707	CCOM-BALL	241707	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172867	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.31	0.31	C-COMAR	number 241709	CCOM-BALL	241709	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172868	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.31	0.31	C-COMAR	number 241709	CCOM-BALL	241709	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172869	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.31	0.31	C-COMAR	number 241709	CCOM-BALL	241709	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172870	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.31	0.31	C-COMAR	number 241709	CCOM-BALL	241709	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172871	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.48	0.48	C-COMAR	number 241706	CCOM-BALL	241706	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172872	France	31/03/2022	01/03/2022	8880-0-0000-10-103-3754	Deferral-Bad-Dates	Summer	10	-	0.48	0.48	C-COMAR	number 241706	CCOM-BALL	241706	CFP, 2527, 78, 0	Open	CCOM-BALL	C	10/01/22	JPRTAL	JPRTAL
172873	France	31/03/2022	01/03/2022	8880-0-0000-10-103																	

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Ending Balance	701,432.05	T (EO) 8-4-2022
Gl. Balance	701,432.05	
Proof	(0.00)	

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Anticipated Indirect Cost of Gas

Working Capital:

Total Unadjusted Anticipated Cost of Gas 11/01/19 - 04/30/20	\$	51,935,672	
Working Capital Rate: Lead Lag Days / 365		0.0391	
Prime Rate		5.25%	
Working Capital Percentage		<u>0.205%</u>	
Working Capital	\$	106,622	
Plus: Working Capital Reconciliation (Acct 142.20)		<u>(42,277)</u>	
Total Working Capital Allowance			64,345



Bad Debt:

Total Unadjusted Anticipated Cost of Gas 11/01/19 - 04/30/20	\$	51,935,672	
Less: Refunds		-	
Plus: Total Working Capital		64,345	
Plus: Prior Period (Over)/Under Recovery		<u>1,912,210</u>	
Subtotal	\$	53,912,228	
Bad Debt Percentage		<u>1.11%</u>	
Bad Debt Allowance	\$	598,426	
Plus: Bad Debt Reconciliation (Acct 175.52)		<u>(402,518)</u>	
Total Bad Debt Allowance			\$ 195,908

Production and Storage Capacity

	\$	1,980,428	
Miscellaneous Overhead 11/01/19 - 04/30/20	\$	13,170	
Times Winter Sales		88,326	
Divided by Total Sales		<u>109,235</u>	
			10,649

Miscellaneous Overhead

Total Anticipated Indirect Cost of Gas	\$	2,251,330	
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Total Cost of Gas	\$	<u>54,462,603</u>	
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Revised Summary Page 1

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2020 COST OF GAS RESULTS
May 01, 2020 through October 31, 2020
DG 19-145

Bad Debts Account 8840-2-0000-10-1163-1754

Balance 10/31/2019 - (Over) / Under	\$	(280,167)	\$	(348,529)	\$	(68,362)
Prior Period Adjustment		-		(75,517)		(75,517)
Interest 11/1/2019 - 4/30/2020		<u>(7,374)</u>		<u>(9,410)</u>		<u>(2,037)</u>
Beginning Balance 5/1/2020	\$	(287,541)	\$	(433,457)	\$	(145,916)
Bad Debt Costs		103,363		98,093		(5,269)
Bad Debt Billed		194,301		115,680		(78,620)
Adjustment		0		0		0
Interest		(10,123)		(5,382)		4,740
Total (Over) / Under 10/31/2020	\$	-	\$	(225,096)	\$	(225,096)

Matches GI for Ending Oct 31st and beg bal 11/2020

(KEC) 04/23/2021

Anticipated Cost of Gas

PERIOD COVERED: SUMMER PERIOD, MAY 1, 2021 THROUGH OCTOBER 31, 2021
(REFER TO TEXT IN SECTION 16 COST OF GAS CLAUSE)

Bad Debt:

Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19)	\$	7,284,571	
Less: Refunds		-	
Plus: Total Working Capital		(4,451)	
Plus: Prior Period (Over)/Under Recovery		<u>105,886</u>	
Subtotal	\$	7,386,006	
Bad Debt Percentage		<u>1.11%</u>	
Bad Debt Allowance	\$	81,985	
Plus: Bad Debt Reconciliation (Acct 1163-1754)		<u>(326,326)</u>	
Total Bad Debt Allowance			(244,341)



Bad Debt		Six Month Sections															
2018-2019		May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Total			Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	Total
5/1/2018	Beg Bal	125,594.44							11/1/2018	Beg Bal	(88,517.94)						
	Carrying Charges	18,482.71	14,349.57	15,377.29	15,823.85	15,169.15	29,727.42	108,929.99		Carrying Charges	3,237.17						3,237.17
	Recovery	(24,685.01)	(75,446.95)	(56,628.12)	(45,941.42)	(49,220.91)	(71,806.55)	(323,728.96)		Recovery	(137,809.88)	(7,984.26)	(479.93)	(602.56)	(765.58)	4.01	(147,638.20)
	Interest	478.23	348.72	163.48	12.64	(119.57)	(196.91)	686.59		Interest	(672.31)	(1,015.54)	(520.00)	(985.36)	(1,101.17)	(536.17)	(4,830.55)
	Adjustments							-		Adjustments							-
	Activity	(5,724.07)	(60,748.66)	(41,087.35)	(30,104.93)	(34,171.33)	(42,276.04)	(214,112.38)		Activity	(135,245.02)	(8,999.80)	(999.93)	(1,587.92)	(1,866.75)	(532.16)	(149,231.58)
	Ending Balance	119,870.37	59,121.71	18,034.36	(12,070.57)	(46,241.90)	(88,517.94)	(88,517.94)		Ending Balance	(223,762.96)	(232,762.76)	(233,762.69)	(235,350.61)	(237,217.36)	(237,749.52)	(237,749.52)
2019-2020		May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Total			Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Total
5/1/2019	Beg Bal	(237,749.52)							11/1/2019	Beg Bal	(348,529.39)						
	Carrying Charges	37,409.37	27,300.52	26,835.86	23,392.61	26,912.44	29,198.20	171,049.00		Carrying Charges	(0.38)						(0.38)
	Recovery	(32,923.69)	(71,943.53)	(41,983.48)	(36,855.29)	(37,548.89)	(54,171.17)	(275,426.05)		Recovery	(70,756.10)	(4,261.31)	(224.36)	(193.24)	(18.65)	(38.34)	(75,492.00)
	Interest	(1,100.11)	(1,160.36)	(689.74)	(1,414.15)	(1,300.00)	(738.46)	(6,402.82)		Interest	(1,498.82)	(1,731.02)	(1,717.47)		(3,336.33)	(1,151.58)	(9,435.22)
	Adjustments							-		Adjustments							-
	Activity	3,385.57	(45,803.37)	(15,837.36)	(14,876.83)	(11,936.45)	(25,711.43)	(110,779.87)		Activity	(72,255.30)	(5,992.33)	(1,941.83)	(193.24)	(3,354.98)	(1,189.92)	(84,927.60)
	Ending Balance	(234,363.95)	(280,167.32)	(296,004.68)	(310,881.51)	(322,817.96)	(348,529.39)	(348,529.39)		Ending Balance	(420,784.69)	(426,777.02)	(428,718.85)	(428,912.09)	(432,267.07)	(433,456.99)	(433,456.99)
2020-2021		May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Total			Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Total
5/1/2020	Beg Bal	(433,456.99)							11/1/2020	Beg Bal	(225,095.77)						
	Carrying Charges	20,896.83	15,248.86	12,936.38	13,576.72	14,827.86	20,576.55	98,063.20		Carrying Charges	11.26						11.26
	Recovery	14,055.44	29,204.26	17,878.16	14,650.34	15,975.34	23,916.93	115,680.47		Recovery	37,083.37	3,689.73	202.35	99.96	109.39	31.24	41,216.04
	Interest	(1,145.08)	(1,005.43)	(938.12)	(859.44)	(755.38)	(679.00)	(5,382.45)		Interest	(550.23)	(513.95)	(510.01)	(461.55)	(511.98)	(496.64)	(3,044.36)
	Adjustments							-		Adjustments							-
	Activity	33,807.19	43,447.69	29,876.42	27,367.62	30,047.82	43,814.48	208,361.22		Activity	36,544.40	3,175.78	(307.66)	(361.59)	(402.59)	(465.40)	38,182.94
	Ending Balance	(399,649.80)	(356,202.11)	(326,325.69)	(298,958.07)	(268,910.25)	(225,095.77)	(225,095.77)		Ending Balance	(188,551.37)	(185,375.59)	(185,683.25)	(186,044.84)	(186,447.43)	(186,912.83)	(186,912.83)
2021-2022		May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Total			Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Total
5/1/2021	Beg Bal	(186,912.83)							11/1/2021	Beg Bal							
	Carrying Charges	26,727.55						26,727.55		Carrying Charges							-
	Recovery	49,730.12						49,730.12		Recovery							-
	Interest	(409.29)						(409.29)		Interest							-
	Adjustments							-		Adjustments							-
	Activity	76,048.38	-	-	-	-	-	76,048.38		Activity	-	-	-	-	-	-	-
	Ending Balance	(110,864.45)	(110,864.45)	(110,864.45)	(110,864.45)	(110,864.45)	(110,864.45)	(110,864.45)		Ending Balance	-	-	-	-	-	-	-

Liberty Utilities East			
ACCOUNT RECONCILIATION			
Account description Account number Business Unit			
Deferred Working Capital - Summer 8840-2-0000-10-1163-1424 Energy North - 8840			
Account purpose			
Charges associated with upstream storage, transmission capacity, and product demand procured by the company to serve firm load on a peak period, plus a reallocation of a portion of such charges incurred in the summer season to serve firm load			
Period Ending Frequency		Preparer Reviewer	
August 31, 2022 Monthly		Sue-Ellen Billeci Erin O'Brien	
A. BALANCE PER GENERAL LEDGER:		G/L DATE: 08/31/22	
		\$ 66,305.07 + (EO) 08/01/2022	
B. BALANCE PER SUB LEDGER: / OR TRANSACTION DETAIL			
1		27,334.38 □ (EO) 08/01/2022	
2		1,037.57 □ (EO) 08/01/2022	
3		1,508.13 □ (EO) 08/01/2022	
4		39,441.25 □ (EO) 08/01/2022	
		66,305.07 T (EO) 08/01/2022	
C = A - B. VARIANCE TO GENERAL LEDGER			
		\$ -	
D. EXPLANATION OF KNOWN VARIANCE (Describe known variances and journal entry that resolves the variance)			
1			
2			
3			
4			
E = C - D. REMAINDER / UNRECONCILED DIFFERENCE:			
CONCLUSION			
Approval and sign off			
Preparer sign off Completion date		Reviewer sign off Approval date	
Sue-Ellen Billeci 9/22/2022		Erin O'Brien	

Journal Entry #

**EnergyNorth Gas Company
Account Reconciliation
August-22**

**Deferred Working Capital - off- Peak (May - October)
8840-2-0000-10-1163-1424**

Reconciliation:

	5	6	7	8	9	10	11	12	1	2
Description	May-19	June-19	July-19	August-19	September-19	October-19	November-19	December-19	January-20	February-20
B. Balance	(19,440.90)	(17,387.39)	(0.00)	(18,607.12)	(18,392.36)	(0.00)	(18,051.15)	(22,604.90)	(22,928.39)	(23,034.98)
Day one Balance Adjsutment										
Seasonal Movement Adjustment										
Working Capital-Off Peak	4,171.44	3,044.23	2,992.41	2,608.46	3,000.95	3,255.83	(0.07)			
MR.Occupant										
Asset To Liability transfer		18,981.51	(18,981.51)		17,836.60	(17,836.60)				
Interest	(85.82)	(82.01)	(43.36)	(86.22)	(74.08)	(38.25)	(79.21)	(91.66)	(92.27)	-
Transfer to account 1163-1424										
Missing Bill Cycles		(95.61)	54.04	41.57						
CSM Billing Transactions	(2,032.11)	(4,460.73)	(2,628.70)	(2,349.05)	(2,371.11)	(3,432.13)	(4,474.48)	(278.39)	(14.38)	(12.43)
CSM Payment in error							0.01	48.60	0.06	
Interest correction wrong rate Jan19								(2.04)		
FPO Mailer Reclass										
Collections										
E. Balance	(17,387.39)	(0.00)	(18,607.12)	(18,392.36)	(0.00)	(18,051.15)	(22,604.90)	(22,928.39)	(23,034.98)	(23,047.41)
Balance per Ledger	(17,387.39)	(0.00)	(18,607.12)	(18,392.36)	(0.00)	(18,051.15)	(22,604.90)	(22,928.39)	(23,034.98)	(23,047.41)
Variance	-	-	-	-	-	-	-	-	-	-

Summary Inquiry				
File Edit Tools View Help SBILLECI Liberty Utilities New Hampshire 9/22/2022				
Clear				
Account	8840 -2 -0000 -10 -1163 -1424			
Description	Deferred Working Capital - Summer			
Year:	2022			
Period	Debit	Credit	Net Change	Period Balance
Beginning Balance	US\$31,230.95	US\$3,896.57	US\$27,334.38	US\$27,334.38
Period 1	US\$93.81	US\$13.27	US\$80.54	US\$27,414.92
Period 2	US\$73.10	US\$8.11	US\$64.99	US\$27,479.91
Period 3	US\$83.21	US\$9.93	US\$73.28	US\$27,553.19
Period 4	US\$82.27	US\$2.02	US\$80.25	US\$27,633.44
Period 5	US\$11,781.79	US\$178.85	US\$11,602.94	US\$39,236.38
Period 6	US\$9,930.40	US\$652.01	US\$9,278.39	US\$48,514.77
Period 7	US\$7,914.62	US\$426.28	US\$7,488.34	US\$56,003.11
Period 8	US\$10,599.54	US\$297.58	US\$10,301.96	US\$66,305.07
Period 9	US\$0.54	US\$218.97	(US\$218.43)	US\$66,086.64
Period 10	US\$0.00	US\$0.00	US\$0.00	US\$66,086.64
Period 11	US\$0.00	US\$0.00	US\$0.00	US\$66,086.64
Period 12	US\$0.00	US\$0.00	US\$0.00	US\$66,086.64
Totals	US\$71,790.23	US\$5,703.59	US\$66,086.64	US\$66,086.64

⚙ (EO) 08/01/2022

Beginning Balance	27,334.38	1/1/2022	n (EO) 08/01/2022
Ending Balance	66,305.07	8/31/2022	n (EO) 08/01/2022
	38,970.69		

Sum of Net Row Labels	Column Labels BBF	1/31/2022	2/28/2022	3/31/2022	4/30/2022	5/31/2022	6/30/2022	7/31/2022	8/31/2022	Grand Total
BBF	27,334.38									27,334.38
CCSM-BILL		18.31	4.71	7.36	2.83	(168.11)	(642.67)	(407.67)	(295.38)	(1,480.62)
CCSM-VOID		(13.23)	(8.07)	(9.93)	(1.84)	(4.80)	(0.70)	10.98	0.08	(27.51)
Interest		75.46	68.35	75.85	79.26	99.24	144.01	210.40	285.00	1,037.57
Carry Charges						11,676.61	9,777.75	7,690.66	10,296.23	39,441.25
Cycle 17 Accrual								(16.03)	16.03	-
Grand Total	27,334.38	80.54	64.99	73.28	80.25	11,602.94	9,278.39	7,488.34	10,301.96	66,305.07

;(EO) 08/01/2022

GL TOTAL 66,305.07
Variance -

	(over)/under
Over/Under 10/31	(4,293.24)
CCSM	10,813.25
Carrying Charges	20,583.67
Interest	230.70
	27,334.38 ; (EO) 08/01/2022

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Entity	Source	TRX Date	Company	Account Number	Account Description	Unit	Debit Amount	Credit Amount	Description	Reference	Originaling Master ID	Originaling Master Name	Originaling Document Number	Originaling Issue Date	Originaling Source	Document Status	Source Document	Batch Source	Originaling TRX Source	Originaling Period End	Last User	User Who Pooled
181936	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 226855				226855	10/05/2022	Open	CS-CM-BILL			8/1/2022	KPRALD, B. KPRALD, B.		
181937	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 226857				226857	10/05/2022	Open	CS-CM-BILL			8/1/2022	KPRALD, B. KPRALD, B.		
181926	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 226905				226905	10/05/2022	Open	CS-CM-BILL			8/1/2022	KPRALD, B. KPRALD, B.		
181969	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 226943				226943	10/05/2022	Open	CS-CM-BILL			8/1/2022	KPRALD, B. KPRALD, B.		
181915	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 226918				226918	10/05/2022	Open	CS-CM-BILL			8/1/2022	KPRALD, B. KPRALD, B.		
181122	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	16.0000	CS/CNRA, Journal 228133				228133	10/05/2022	Open	CS-CM-BILL			8/1/2022	ANYESHOP, ANYESHOP		
181916	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228181				228181	10/05/2022	Open	CS-CM-BILL			8/1/2022	ANYESHOP, ANYESHOP		
181917	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228182				228182	10/05/2022	Open	CS-CM-BILL			8/1/2022	ANYESHOP, ANYESHOP		
181920	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228321				228321	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181921	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228333				228333	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181922	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228335				228335	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181923	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228337				228337	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181924	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228339				228339	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181925	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228341				228341	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181926	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228391				228391	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181927	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228393				228393	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181928	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228395				228395	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181929	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228397				228397	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181930	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228399				228399	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181931	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228401				228401	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181932	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228403				228403	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181933	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228405				228405	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181934	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228407				228407	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181935	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228409				228409	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181936	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228411				228411	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181937	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228413				228413	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181938	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228415				228415	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181939	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228417				228417	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181940	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228419				228419	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181941	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228421				228421	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181942	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228423				228423	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181943	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228425				228425	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181944	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228427				228427	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181945	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228429				228429	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181946	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228431				228431	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181947	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228433				228433	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181948	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228435				228435	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181949	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228437				228437	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181950	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228439				228439	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181951	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228441				228441	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181952	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228443				228443	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181953	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228445				228445	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181954	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228447				228447	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181955	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228449				228449	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181956	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228451				228451	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181957	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228453				228453	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181958	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228455				228455	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181959	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228457				228457	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181960	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228459				228459	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181961	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228461				228461	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181962	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228463				228463	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181963	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228465				228465	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181964	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228467				228467	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181965	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228469				228469	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181966	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228471				228471	10/05/2022	Open	CS-CM-BILL			8/1/2022	KNEWCOMB, KNEWCOMB		
181967	Franca	8/1/2022	8840	-2000-010-1163-1424	Deferred Working Capital - Summer	-	0.0000	0.0000	CS/CNRA, Journal 228473				228473	10/05/2022	Open	CS-CM-BILL			8/1/2022	K		

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Anticipated Indirect Cost of Gas		
Working Capital:		
Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19)	\$ 7,685,193	
Working Capital Rate - Lead Lag Days / 365	0.0391	
Prime Rate	5.25%	
Working Capital Percentage	0.205%	
Working Capital	\$ 15,777	
Plus: Working Capital Reconciliation (Acct 1163-1424)	(18,982)	
Total Working Capital Allowance	\$	(3,204)

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Summer COG Energy North - Working Capital Section of Tariff Page

(KEC) 04/23/2021

ENNG Full Tariff Effective 05-01-2020.pdf

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2020 COST OF GAS RESULTS
May 01, 2020 through October 31, 2020
DG 19-145

Revised Summary Page 1

Working Capital Account 8840-2-0000-10-1163-1424			
Balance 10/31/2019 - (Over) / Under	\$ (18,982)	\$ (18,051)	\$ 930
Prior Period Adjustment	0	(4,737)	(4,737)
Interest 11/1/2019 - 4/30/2020	(500)	(504)	(5)
Beginning Balance 5/1/2020	\$ (19,481)	\$ (23,292)	\$ (3,811)
Working Capital Costs	15,254	18,100	2,846
Working Capital Billed	4,782.03	1,123	(3,659)
Adjustment	0	0	0
Interest	(555)	(224)	331
Total (Over) / Under 10/31/2020	\$ -	\$ (4,293)	\$ (4,293)

11/20 beginning balance

ENNG Full Tariff Effective 05-01-2021 Energy North Summer COG for Deferral Entry.pdf

Summer 2021 tariff

Anticipated Indirect Cost of Gas

Working Capital:		
Total Unadjusted Anticipated Cost of Gas 05/01/19 - 10/31/19)	\$ 7,284,571	
Working Capital Rate - Lead Lag Days / 365	0.0391	
Prime Rate	3.25%	
Working Capital Percentage	0.127%	
Working Capital	\$ 9,258	
Plus: Working Capital Reconciliation (Acct 1163-1424)	(13,709)	
Total Working Capital Allowance	\$	(4,451)

Winter Working Capital		Six Month Sections															
2018-2019		May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Total			Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	Total
5/1/2018	Beg Bal	(926.64)							11/1/2018	Beg Bal	(8,006.19)						
	Carrying Charges	2,974.93	2,357.12	2,510.75	2,577.50	2,479.64	4,655.73	17,555.67		Carrying Charges	360.97						360.97
	Recovery	(1,841.15)	(5,746.96)	(4,263.22)	(3,505.26)	(3,678.58)	(5,514.81)	(24,549.98)		Recovery	(10,661.12)	(595.52)	(36.73)	(46.42)	(59.23)	0.33	(11,398.69)
	Interest	(1.40)	(5.81)	(10.49)	(23.00)	(26.73)	(17.81)	(85.24)		Interest	(56.77)	(83.21)	(42.53)	(80.59)	(90.05)	(43.84)	(396.99)
	Adjustments							-		Adjustments							-
	Activity	1,132.38	(3,395.65)	(1,762.96)	(950.76)	(1,225.67)	(876.89)	(7,079.55)		Activity	(10,356.92)	(678.73)	(79.26)	(127.01)	(149.28)	(43.51)	(11,434.71)
	Ending Balance	205.74	(3,189.91)	(4,952.87)	(5,903.63)	(7,129.30)	(8,006.19)	(8,006.19)		Ending Balance	(18,363.11)	(19,041.84)	(19,121.10)	(19,248.11)	(19,397.39)	(19,440.90)	(19,440.90)
2019-2020		May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Total			Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	Total
5/1/2019	Beg Bal	(19,440.90)							11/1/2019	Beg Bal	(18,051.15)						
	Carrying Charges	4,171.44	3,044.23	2,992.41	2,608.46	3,000.95	3,255.83	19,073.32		Carrying Charges	(0.07)						(0.07)
	Recovery	(2,032.11)	(4,556.34)	(2,574.66)	(2,307.48)	(2,371.11)	(3,432.13)	(17,273.83)		Recovery	(4,474.47)	(229.79)	(14.32)	(12.43)	(1.11)	(2.48)	(4,734.60)
	Interest	(85.82)	(82.01)	(43.36)	(86.22)	(74.08)	(38.25)	(409.74)		Interest	(79.21)	(93.70)	(92.27)	-	(179.27)	(61.88)	(506.33)
	Adjustments							-		Adjustments							-
	Activity	2,053.51	(1,594.12)	374.39	214.76	555.76	(214.55)	1,389.75		Activity	(4,553.75)	(323.49)	(106.59)	(12.43)	(180.38)	(64.36)	(5,241.00)
	Ending Balance	(17,387.39)	(18,981.51)	(18,607.12)	(18,392.36)	(17,836.60)	(18,051.15)	(18,051.15)		Ending Balance	(22,604.90)	(22,928.39)	(23,034.98)	(23,047.41)	(23,227.79)	(23,292.15)	(23,292.15)
2020-2021		May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Total			Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Total
5/1/2020	Beg Bal	(23,292.15)							11/1/2020	Beg Bal	(4,293.24)						
	Carrying Charges	3,856.99	2,814.53	2,387.71	2,505.90	2,736.82	3,797.87	18,099.82		Carrying Charges	1.29						1.29
	Recovery	116.47	399.43	154.84	120.97	133.18	198.49	1,123.38		Recovery	472.69	33.99	1.36	0.90	0.97	0.18	510.09
	Interest	(58.65)	(47.34)	(41.12)	(34.12)	(25.79)	(17.27)	(224.29)		Interest	(10.81)	(10.50)	(10.48)	(9.49)	(10.53)	(10.21)	(62.02)
	Adjustments							-		Adjustments							-
	Activity	3,914.81	3,166.62	2,501.43	2,592.75	2,844.21	3,979.09	18,998.91		Activity	463.17	23.49	(9.12)	(8.59)	(9.56)	(10.03)	449.36
	Ending Balance	(19,377.34)	(16,210.72)	(13,709.29)	(11,116.54)	(8,272.33)	(4,293.24)	(4,293.24)		Ending Balance	(3,830.07)	(3,806.58)	(3,815.70)	(3,824.29)	(3,833.85)	(3,843.88)	(3,843.88)
2021-2022		May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Total			Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Total
5/1/2021	Beg Bal	(3,843.88)							11/1/2021	Beg Bal							
	Carrying Charges	3,056.26						3,056.26		Carrying Charges							-
	Recovery	787.24						787.24		Recovery							-
	Interest	(5.29)						(5.29)		Interest							-
	Adjustments							-		Adjustments							-
	Activity	3,838.21	-	-	-	-	-	3,838.21		Activity	-	-	-	-	-	-	-
	Ending Balance	(5.67)	(5.67)	(5.67)	(5.67)	(5.67)	(5.67)	(5.67)		Ending Balance	-	-	-	-	-	-	-

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

DG 22-045

Winter 2022–2023 and Summer 2023 Cost of Gas

Department of Energy Data Requests – TS Set 1

Date Request Received: 10/11/22
Request No. DOE TS 1-9

Date of Response: 10/21/22
Respondent: Erica Menard

REQUEST:

Reference: COG Filing

Hypothetically, if the PUC were subsequently to approve the RDAF amount and Gas Holder amounts that have been “carved out” yet continuing to exclude the RDAF matter in Docket No. DG 22-041, how much would the LDAC increase per therm for Residential and C& I customers. Assume for the sake of argument that the increase occurs over a 12-month period.

RESPONSE:

The LDAC rate for the Gas Holder component rate would increase by \$0.0004/therm. This is shown on Schedule 3, page 1, line 13.

The LDAC rate for the RDAF component would increase by \$0.0423/therm for residential and \$0.0055/therm for commercial.