

Liberty Utilities (St. Lawrence Gas) Corp.
Case 23-M-0230 - Winter Supply 2023-2024 Forms
Updates:

September Updates	
Table 1	Updated Winter Peaking Service
Table 2	Updated Peak Day Delivery
Table 3	Updated Peak Day Delivery
Table 6	Update Supplier Delivered at City Gate & AMA
Table 7	Per our conversation with staff on 8/16/23 - confirmed totals in top table
Table 7	Updated cost of gas in storage, hedging forecast, and indicative commodity rate
Table 8	Updated 2022-2023 rates to forecast upcoming winter (Column 4)

October Updates	
Table 4	Updated Peaking Contract
Table 6	Updated Other Purchases Contract
Table 7	Updated Winter 2022-2023 projected total to calculate properly
Table 7	Updated Winter 2023-2024 projected cost of gas in storage, hedging forecast, and indicative commodity rate
Table 8	Updated 2022-2023 rates to forecast upcoming winter (Column 4)

November Updates	
Table 7	Updated Winter 2023-2024 projected volumes, cost of gas in storage, and indicative commodity rate
Table 8	Updated 2022-2023 rates to forecast upcoming winter (Column 4)

Case 23-M-0230 - Winter Supply 2023-2024 Forms
Table 1 - Total System Firm Peak Day Capacity (DT)

Company: LIBERTY UTILITIES (ST. LAWRENCE GAS) CORP.
 Gate Station or Service Area: IGTS Zone 1 Gates: Lisbon, Edwards, New Bremen TCPL Gate: Cornwall
 Submission Date: 11/9/2023
 Version #: 4 of 4

	2022-2023 Winter	2023-2024 Winter	Design Peak Day Demand
Flowing Supplies	16,551	16,436	16,436
Storage Withdrawals	9,763	9,763	9,763
Winter Peaking Service *	13,000	13,500	13,473
Renewable Gas**	150	500	500
LNG	-	-	
CNG	-	-	
Energy Efficiency/Demand Response	-	-	
Cogen Supplies	-	-	
Local Production**	-	-	
Recallable Capacity (AMAs)	-	-	
Marketer Provided Supplies***	15,499	15,828	15,828
Peak Day Totals	54,963	56,027	56,000
		Peak Day Design Temp:	-20° F

* City Gate Delivered by Others and In-Territory Supplies (not LNG or CNG)

** Local Production, renewable gas, etc. delivered directly into the LDC distribution system.

*** Capacity released to or held by the marketers. Add additional rows for non-mandatory released capacity,

Winter Peaking Service

Daily Price Indexed Contracts	13,500	Firm Primary Capacity Supported?
Non Daily Price Indexed Contracts	9,763	(storage, other?)

Marketer Provided Supplies

Retail Access Supplies	13,951	mandatory assignment of company capacity
Retail Access Supplies	-	marketer owned capacity (grandfathered capacity)
Other Supplies	1,877	marketer owned capacity

* Highlighted changes for September update

Case 23-M-0230 - Winter Supply 2023-2024 Forms
Table 3 - Estimated Normal Weather Requirements (MDT)

Company: LIBERTY UTILITIES (ST. LAWRENCE GAS) CORP.
 Gate Station or Service Area: IGTS Zone 1 Gates: Lisbon, Edwards, New Bremen TCPL Gate: Cornwall
 Submission Date: 11/9/2023
 Version #: 4 of 4

	2022-23 Forecast	2022-23 Actual	2023-24	2024-25	2025-26	2026-27	2027-28
Annual							
Firm							
Sales	2,826	2,479	2,573	2,653	2,747	2,841	2,935
Transportation	3,682	3,784	3,784	3,784	3,784	3,784	3,784
Non-Firm							
Sales	107	96	96	96	96	96	96
Transportation	722	786	786	786	786	786	786
Total	7,337	7,145	7,239	7,319	7,413	7,507	7,601
Winter Season							
Firm							
Sales	1,948	1,683	1,753	1,816	1,886	1,982	2,051
Transportation	1,859	1,888	1,889	1,889	1,889	1,889	1,889
Transportation	0	786	786	786	786	786	786
Total	56	4,357	4,428	4,491	4,561	4,657	4,726
Winter Season							
Firm							
Sales	0	1,683	1,753	1,816	1,886	1,982	2,051
Firm							
Sales	22	27	27	27	27	27	27
Transportation	30	25	25	25	25	25	25
Total	52	52	52	52	52	52	52

1/ Normal Weather is defined as:

Annual	7884	HDD
Winter	5613	HDD
Peak Day	79	HDD

* During the 2022-2023 Winter season a peak sendout day was recorded on 2/3/2023 with a Degree Day of 70 DD and a sendout was 53,490 Dts.'

On 2/3/2023, a peak Degree Day of 79 DD and a sendout of 45,731 Dts was recorded.

Maintain 2022 - 2023 levels

* Highlighted changes for September update

Case 23-M-0230 - Winter Supply 2023-2024 Forms
Table 4 - Firm Transportation Capacity*
(2023-2024 Winter)

Company: LIBERTY UTILITIES (ST. LAWRENCE GAS) CORP.
 Submission Date: 11/9/2023
 Version #: 4 of 4

Pipeline Company Name	Rate Schedule	Daily Quantity (DT)	Winter Quantity (MDT)	Annual Quantity (MDT)	Expiration Date
Flowing Gas To Citygate					
		40,500	6,116	14,783	w/12 mos notice
		3,000	453	1,095	11/1/2028
		4,500	680	1,643	11/1/2028
Upstream Pipeline Support ¹					
		3,033	458	1,107	12/31/2030
		6,682	1,009	2,439	12/31/2030
		3,033	458	1,107	12/31/2030
		6,682	1,009	2,439	12/31/2030
		10,222	1,544	3,731	3/31/2026
		10,222	1,544	3,731	3/31/2026
		9,478	1,431	3,459	10/31/3032
		9,869	1,490	3,602	10/31/2032
		3,791	572	1,384	6/30/2033
Deliveries from Storage					
		9,763	1,484	3,573	11/1/2026
Winter Peaking Service					
		12,500	250	250	3/31/2024
Total (Flowing Gas to City Gate, Deliveries from Storage, and Winter Peaking Service)					
		60,500	7,499	17,771	

* Please highlight any changes from the previous year's report.

¹ Capacity used to deliver gas to pipelines that deliver to the citygate.

* Highlighted changes for October update

Case 23-M-0230 - Winter Supply 2023-2024 Forms

Table 5 - Firm Storage Capacity*

(2023-2024 Winter)

Company: LIBERTY UTILITIES (ST. LAWRENCE GAS) CORP.

Submission Date: 11/9/2023

Version #: 4 of 4

Storage Company Name	Rate Schedule	Daily Quantity (DT)	Winter Quantity (MDT)	Expiration Date
Marcellus/Utica Region				
Total		-	-	
Gulf Coast Region				
Total		-	-	
Canadian				
		10,805	900	3/31/2024
Total		10,805	900	

* Please highlight any changes from the previous year's report.

Case 23-M-0230 - Winter Supply 2023-2024 Forms
Table 6 - Gas Supply Contracts - Including all On-System Supplies***
(2023-2024)

Company: LIBERTY UTILITIES (ST. LAWRENCE GAS) CORP.
 Submission Date: 11/9/2023
 Version #: 4 of 4

Transporter	Supplier	Receipt Point	Contract Number	Daily [^] Quantity (DT)	Winter Quantity (MDT)	Annual Quantity (MDT)	Pricing Terms *	Flexibility	Expiration Date	Supply Basin **
Long Term (>5 years) by FT										
				250 - 425	38 - 64	90 - 155			4/30/2036	
Intermediate Term (1 to 5 years) by FT										
				See below				greement)	2026/10/31	M,C,G
Short Term (<1 year) by FT										
				3,167	478	902		Month-to-month	10/31/2026	C
				7,125	1,076	2,031		Month-to-month	10/31/2026	M,C,G
Purchases other than by FT										
				12,500	250	250		Firm Call Option	Mar 31/2024	N/A
Total				22,792	1,804	3,183				

* Fixed Price, Monthly Index (Identify Index), First of Month (FOM), Daily Indexed (Identify Index), etc.
 ** Mark "M" for Marcellus, "C" for Canadian, "G" for Gulf, or "W" for West/Mid-Continent supplies or leave blank for others if not known.
 *** On-System Supplies shall include all the following type supply contracts: CNG, LNG, RNG, Local Production

[^] If daily amounts differ by winter month, please show on separate form.

Case 23-M-0230 - Winter Supply 2023-2024 Forms
Table 7 - Winter Supply Hedges Summary

Company: LIBERTY UTILITIES (ST. LAWRENCE GAS) CORP.

Submission Date: 11/9/2023

Version #: 4 of 4

Winter 2022-2023 Purchasing Plan & Projected Prices

Percent Hedged Normal Winter	Portfolio Summary	Amount	Price Commodity Only
	Physical Hedges		
36%	Market Area Storage	477,905	\$ 5.039
	Production Area Storage		
	Fixed Price Contracts		
	Financial Hedges *		
16%	NYMEX Futures or Swaps	377,500	\$ 4.528
	Collars		
	Calls		
	Puts		
	Flowing or Floating Price Gas		
	Monthly Index	1,143,600	\$ 5.539
	Spot/Daily Price	410,400	\$ 5.977
	TOTAL	2,409,405	\$ 5.356

Winter 2022-2023 Actual Purchases & Prices

Percent Hedged Normal Winter	Portfolio Summary	Amount	Price Commodity Only
	Physical Hedges		
19%	Market Area Storage	429,366	\$ 5.102
	Production Area Storage		
	Fixed Price Contracts		
	Financial Hedges *		
17%	NYMEX Futures or Swaps	377,500	\$ 4.305
	Collars		
	Calls		
	Puts		
	Flowing or Floating Price Gas		
	Monthly Index	1,448,310	\$ 4.620
	Spot/Daily Price	-	\$ -
	TOTAL	2,255,176	\$ 4.659

Winter 2023-2024 Purchasing Plan & Projected Prices

Percent Hedged Normal Winter	Portfolio Summary	Amount	Price Commodity Only
	Physical Hedges		
20%	Market Area Storage	473,028	\$ 1.989
	Production Area Storage		
	Fixed Price Contracts		
	Financial Hedges *		
16%	NYMEX Futures or Swaps	380,000	\$ 2.904
	Collars		
	Calls		
	Puts		
	Flowing or Floating Price Gas		
	Monthly Index	1,123,600	\$ 2.988
	Spot/Daily Price	430,400	\$ 3.387
	TOTAL	2,407,028	\$ 2.850

* Please break down financial hedges by specific instrument.

** The Financial Hedges are also included in the Monthly Index totals **

* Highlighted changes for September update

* Highlighted changes for October update

* Highlighted changes for November

Case 23-M-0230 - Winter Supply 2023-2024 Forms
Table 8 - Bill Comparison (Excluding Taxes)

Winter 2022-2023 to Winter 2023-2024

Company(s): LIBERTY UTILITIES (ST. LAWRENCE GAS) CORP.

Submission Date: 11/9/2023

Version #: 4 of 4

1	2	3	4	5	6
Company	2022 - 2023 Average Residential Heating Customer Winter Bill	2022 - 2023 Average Residential Heating Customer Winter Bill	2023-2024 Forecasted Residential Heating Customer Winter Bill	Commodity Related Percent Change from Last Winter	Expected Percent Change from Last Winter
	Actual	Normalized	Normalized	(column 4 - column 3) / column 3	(column 4 - column 2) / column 2
Usage (Therms)	636	715	715	0.0%	12.3%
Base Delivery	\$289.99	\$310.18	\$462.49	49.1%	59.5%
Make Whole	\$0.00	\$0.00	\$17.36		
TSS	-\$14.56	-\$16.19	\$4.93	-130.5%	-133.9%
RDM	\$26.92	\$30.23	\$6.76	-77.6%	-74.9%
Total Delivery Costs	\$302.35	\$324.22	\$491.54	51.6%	62.6%
Interconnection Charge	\$18.70	\$21.01	\$24.14	14.9%	29.1%
¹ GAC Interconnection Recon	\$2.50	\$2.80	\$2.35		
² IIC Interconnection Recon	\$23.53	\$26.43	\$44.80	69.5%	90.4%
² SPA Interconnection Recon	\$0.69	\$0.78	\$0.78		
Gas Transportation	\$77.58	\$87.16	\$82.94	-4.8%	6.9%
¹ GAC Transportation Recon	-\$18.27	-\$20.52	-\$15.00	-26.9%	-17.9%
Load Balancing	\$39.47	\$44.35	\$41.54	-6.3%	5.2%
¹ GAC Load Balancing Recon	\$5.22	\$5.86	\$3.04	-48.2%	-41.8%
Total Capacity Costs	\$149.42	\$167.87	\$184.58	10.0%	23.5%
GAC Costs (Commodity)	\$309.39	\$347.58	\$164.75	-52.6%	-46.8%
¹ GAC Reconciliation	\$31.80	\$35.72	\$27.61	-22.7%	-13.2%
² GAC Surcharges and Refunds	\$0.00	\$0.00	\$0.00		
MFC	\$5.47	\$6.14	\$6.44	4.9%	17.7%
Total Commodity Costs	\$346.66	\$389.44	\$198.80	-49.0%	-42.7%
Total Winter Bill	\$798.44	\$881.53	\$874.91	-0.8%	9.6%

-\$6.62

Assumptions:

Normal = 1005 Therms/year with 715 Therms of winter use

Last Year = 636 Therms of winter use

Notes:

- ¹ Identify the impact of any GAC reconciliation surcharge or refund mechanism.
- ² Identify the impact of any other surcharges or refunds included in bills.
- ³ Normalized volumes based off of Case 21-G-0577

Make up of Monthly Bill Impact - (4) - (3) = -6.62

1 Base Delivery		-2301%	\$152.31
2 Safety and Reliability Charge		-262%	\$17.36
3 Tax Cuts and Jobs Act 2017 Sur Stmt		-319%	\$21.12
4 Revenue Decoupling Mechanism (RDM)		355%	-\$23.47
5 Monthly Rate (GAC) Adjustment		89%	-\$5.86
6 IIC Reconciliation		-277%	\$18.37
7 SPA Reconciliation		0%	\$0.00
8 Gas Cost Factor		2821%	-\$186.74
9 Merchant Function Charge		-5%	\$0.30
10 Other		0%	\$0.00
		100.0%	-\$6.62

* Highlighted changes for September update

* Highlighted changes for October update

* Highlighted changes for November