

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
May 01, 2022 through October 31, 2022
DG 21-130

	<u>Filing (1)</u>	<u>Actual</u>	<u>Difference</u>
Account 8840-2-0000-10-1920-1741			
Balance 10/31/2021 - (Over) / Under	\$ 4,472,186	\$ 8,665,170	\$ 4,192,984
Prior Period Adjustment 11/1/2021 - 4/30/2022	-	(1,711,318)	(1,711,318)
Interest 11/1/2021 - 4/30/2022	117,700	128,738	11,038
Beginning Balance 5/1/2022	\$ 4,589,886	\$ 7,082,590	\$ 2,492,704
Interest 5/1/2022 - 10/31/2022	103,902	329,975	226,073
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	-	-	-
Occupant Disallowance/Credits	-	-	-
Total Bad Debt % Adjustment	-	-	-
Gas Costs	\$ 10,330,821	\$ 15,954,006	\$ 5,623,185
Total Costs	\$ 10,434,723	\$ 16,283,981	\$ 5,849,258
Gas Cost Billed	\$ (15,024,609)	\$ (19,233,549)	\$ (4,208,940)
Total (Over) / Under 10/31/2022	\$ -	\$ 4,133,022	\$ 4,133,022
Bad Debts Account 8840-2-0000-10-1163-1754			
Balance 10/31/2021 - (Over) / Under	\$ 23,159	\$ 464,841	\$ 441,682
Prior Period Adjustment	-	132,891	132,891
Interest 11/1/2021 - 4/30/2022	609	(1)	(610)
Beginning Balance 5/1/2022	\$ 23,768	\$ 597,731	\$ 573,962
Bad Debt Costs	103,653	287,247	183,594
Bad Debt Billed	(127,850)	(73,498)	54,352
Adjustment	0	0	0
Interest	429	16,991	16,562
Total (Over) / Under 10/31/2022	\$ (0)	\$ 828,471	\$ 828,471
Working Capital Account 8840-2-0000-10-1163-1424			
Balance 10/31/2021 - (Over) / Under	\$ 4,555	\$ 25,064	\$ 20,510
Prior Period Adjustment	-	2,125	2,125
Interest 11/1/2021 - 4/30/2022	120	444	324
Beginning Balance 5/1/2022	\$ 4,675	\$ 27,633	\$ 22,959
Working Capital Costs	0	36,555	36,555
Working Capital Billed	(4,752)	(2,341)	2,411
Adjustment	0	0	0
Interest	77	1,495	1,418
Total (Over) / Under 10/31/2022	\$ 0	\$ 63,343	\$ 63,343
Total All Accounts	\$ -	\$ 5,024,836	\$ 5,024,836

(1) As filed in the Summer 2022 Cost of Gas and approved in Order No. 26,541 in Docket No. 21-130 on October 29, 2021.

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
 D/B/A LIBERTY
 SUMMER 2022 COST OF GAS RESULTS
 DG 21-130
 SUMMARY OF DEMAND CHARGES FOR PERIOD
 May 01, 2022 through October 31, 2022

	Reference Actuals	Filing 1/	Actual	Difference
<u>Supplies</u>				
Transgas	Sch 2B line 6			
Subtotal Supply Demand Charges				
<u>Pipelines</u>				
TransCanada via Union to Portland and Iriquois	Sch 2B line 8			
ROQUOIS 470-01 RTS	Sch 2B line 19			
PNGTS FT-1999-001	Sch 2B line 21			
TGP 2302 FTA Zone 5-6	Sch 2B line 22			
TGP 8587 FTA Zone 0-6	Sch 2B line 24			
TGP 95346 Z5-Z6	Sch 2B line 25			
Emera	Sch 2B line 17			
Dominion - Storage Demand 300076	Sch 2B line 39			
Direct	Sch 2B line 18			
Portland Natural Gas FTN	Sch 2B line 27			
TGP 11234 Z4-Z6(stg)	Sch 2B line 30			
TGP 2694-Payback contract	Sch 2B line 28			
TGP 42076 FTA	Sch 2B line 31			
TGP 523	Sch 2B line 32			
TGP 72694 NET	Sch 2B line 23 & 33			
TGP Concord Lateral FT	Sch 2B line 34			
NFGS(National Fuel N02357&N02358	Sch 2B line 26			
Subtotal Pipeline Demand Charges				
<u>LNG</u>				
LNG - Res Charge GAZ Metro)	Sch 2B line 47			
<u>Propane</u>				
EN Propane	Sch 2B line 50			
<u>Storage</u>				
Demand & Capacity Charges				
<u>Other</u>				
Fees	Sch 2B line 52	\$ -	\$ -	\$ -
Pipeline Refunds	Sch 2B line 53	-	-	-
Repsol	Sch 2B line 12	-	-	-
Transportation Capacity Credit	Sch 2B line 75			
Subtotal Other Demand Charges				
Total Demand Charges (Forward to Page 3)		\$ 3,276,842	\$ 2,163,828	(\$1,113,013)

1/ Demand costs per Schedule 5A as filed in the Summer 2022 Cost of Gas and approved in Order No. 26,541 in Docket No. 21-130 on October 29, 2021.

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LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP

Summary Page 3
REDACTEDD/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
DG 21-130SUMMARY OF COMMODITY COSTS FOR PERIOD
May 01, 2022 through October 31, 2022

Demand Charges (Brought from Page 2): \$3,276,842 \$2,163,828 (\$1,113,013)

	<u>Reference Actuals</u>	<u>Filing 1/</u>	<u>Average Cost per Therm</u>	<u>Actual</u>	<u>Average Cost per Therm</u>	<u>Difference</u>
<u>TGP Gulf Commodity</u>						
Therms	Sch 8, line 4					
Cost	Sch 8, line 4					
<u>Dracut Commodity</u>						
Therms	Sch 8, line 9					
Cost	Sch 8, line 9					
<u>Portland Natural Gas</u>						
Therms	Sch 8, line 14					
Cost	Sch 8, line 14					
<u>TGP/Iroquois Commodity (Dawn)</u>						
Therms	No Actuals					
Cost	No Actuals					
<u>TGP/Niaqara Commodity</u>						
Therms	Sch 8, lines 17 + 18					
Cost	Sch 8, lines 17 + 18					
<u>City Gate Delivered Supply</u>						
Therms	Sch 8, line 7					
Cost	Sch 8, line 7					
<u>Storage Gas - Commodity Withdrawn</u>						
Therms	Sch 8, lines 44 + 45					
Cost	Sch 8, lines 44 + 45					
<u>Propane P/S Plant Commodity</u>						
Therms	No Actuals					
Cost	No Actuals					
<u>LNG P/S Plant Commodity-Vapor</u>						
Therms	Sch 8, line 50					
Cost	Sch 8, line 31					
<u>Other-LNG Truck</u>						
Therms	Sch 8, lines 20 + 24 + 48 + 54					
Cost	Sch 8, lines 20 + 24 + 48 + 54					
Subtotal:						
Volumes (net of fuel retention)		22,950,820	885,022	19,254,892		(3,695,928)
Cost		\$ 7,053,979	0.3074	\$ 12,578,204	0.6532	\$ 5,524,225
Total Demand and Commodity Costs						
		\$ 10,330,821		\$ 14,742,033		\$ 4,411,212
Demand (therms):						
Firm Gas Transported		22,950,820		19,254,892		(3,695,928)
Lost Gas (Unaccounted For)		247,869		207,953		(39,916)
Unbilled Therms		-		6,642,083		6,642,083
Fuel Retention		-		-		-
Company Use		33,536		33,536		-
Total Demand		23,232,225		26,138,463		2,906,239

1/ Commodity costs and forecasted volumes per Schedule 6 as filed in the Summer 2021 Cost of Gas and approved in Order No. 26,541 in Docket No. 21-130 on October 29, 2021.

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LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
DG 21-130
May 01, 2022 through October 31, 2022

Summary Page 4
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	2021			
	(A) Actual Volume	(B) Normal Volume	(C) Forecast Rate (a)	(A-B)*C Difference
<u>Weather Variance - Volume Impact</u>				
TGP Gulf Commodity				
Dracut Commodity				
Portland Natural Gas				
TGP/Iroquois Commodity (Dawn)				
TGP/Niagara Commodity				
City Gate Delivered Supply				
Storage Gas - Commodity Withdrawn				
Propane P/S Plant Commodity				
LNG P/S Plant Commodity				
Other				
Total Volume Weather Variance	19,254,892	23,045,028		(1,172,666)

	(A) Forecast Volume	(B) Actual Volume	(C) Forecast Rate (a)	Difference
<u>Demand Variance - Commodity Costs</u>				
TGP Gulf Commodity				
Dracut Commodity				
Portland Natural Gas				
TGP/Iroquois Commodity (Dawn)				
TGP/Niagara Commodity				
City Gate Delivered Supply				
Storage Gas - Commodity Withdrawn				
Propane P/S Plant Commodity				
LNG P/S Plant Commodity				
Other				
Total Demand Variance (Less: Fuel Retention)	22,950,820	19,254,892	\$	(1,608,915)

Demand Variance Net of Weather Variance -

	(A) Actual Volume	(B) Forecast Rate (a)	(C) Actual Rate	(C-B)*A Difference
<u>Rate Variance - Commodity Costs</u>				
TGP Gulf Commodity				
Dracut Commodity				
Portland Natural Gas				
TGP/Iroquois Commodity (Dawn)				
TGP/Niagara Commodity				
City Gate Delivered Supply				
Storage Gas - Commodity Withdrawn				
Propane P/S Plant Commodity				
Total Demand Variance (Less: Fuel Retention)				
Other				
Total Commodity Cost Rate Variance	19,254,892		\$	6,488,430
Other Rate Variance (from page 2)				(1,113,013)
Hedge (Gains)/Loss (from page 3)				0
Total Rate Variance				\$5,375,417
Due to Weather Variance				(1,172,666)
Due to Demand Variance (from above)				(1,608,915)
Other- Cashout, Broker Penalty, Canadian Managed				(542,312)
Total Gas Cost Variance				<u>\$2,051,525</u>

(a) used actual rate if there was no forecasted rate

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LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
May 01, 2022 through October 31, 2022
PEAK DEMAND AND COMMODITY
Account 8840-2-0000-10-1920-1740

	FOR THE MONTH OF: DAYS IN MONTH	May-22 31	Jun-22 30	Jul-22 31	Aug-22 31	Sep-22 30	Oct-22 31	Dec-22 Adjustments	Total
1	BEGINNING BALANCE	\$ 5,378,797	\$ 3,227,763	\$ 2,133,736	\$ 549,306	\$ (1,528,807)	\$ (2,881,617)		\$ 5,378,797
2									
3	Add: ACTUAL COSTS	(1,289,143)	(714,479)	(1,552,754)	(2,106,418)	(1,341,619)	(388,220)	10,262,769	2,870,136
4	Adjustments to Purchased Gas Costs								-
5	Inj into Storage								-
6	Total Costs	(1,289,143)	(714,479)	(1,552,754)	(2,106,418)	(1,341,619)	(388,220)	10,262,769	2,870,136
7									
8	Add: MISCELLANEOUS	-	-	-	40,685	-	-		40,685
9									
10									
11	Less: CUSTOMER BILLINGS	(6,449,024)	(388,347)	(37,077)	(10,098)	(1,244)	-		(6,885,790)
12	Estimated Unbilled (Net)	5,574,361	-	-	-	-	-		5,574,361
13	Sub-Total Accrued Customer Billings	(874,664)	(388,347)	(37,077)	(10,098)	(1,244)	-	-	(1,311,429)
14									
15	Less: OCCUPANT DISALLOW/(CREDIT)								-
16									
17	NON FIRM MARGIN AND CREDITS								-
18									
19	ENDING BALANCE PRE INTEREST	3,214,990	2,124,937	543,905	(1,526,525)	(2,871,670)	(3,269,836)		6,978,188
20									
21	MONTH'S AVERAGE BALANCE	4,296,893	2,676,350	1,338,821	(488,609)	(2,200,239)	(3,075,726)		
22									
23	INTEREST RATE	3.50%	4.00%	4.75%	5.50%	5.50%	6.25%		
24									
25	INTEREST APPLIED	12,773	8,799	5,401	(2,282)	(9,946)	(16,327)		(1,582)
26									
27	ENDING BALANCE	\$ 3,227,763	\$ 2,133,736	\$ 549,306	\$ (1,528,807)	\$ (2,881,617)	\$ (3,286,163)		\$ 6,976,606

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
May 01, 2022 through October 31, 2022
OFF PEAK DEMAND AND COMMODITY
Account 8840-2-0000-10-1920-1741

	FOR THE MONTH OF: DAYS IN MONTH	May-22 31	Jun-22 30	Jul-22 31	Aug-22 31	Sep-22 30	Oct-22 31	Dec-22 Adjustments	Total
1	BEGINNING BALANCE	\$ 7,082,590	\$ 9,661,516	\$ 10,818,262	\$ 13,929,017	\$ 15,639,180	\$ 16,810,514		\$ 7,082,590
2									
3	Add: ACTUAL COSTS	5,096,075	4,267,348	3,356,469	4,493,632	4,582,587	4,420,664	(10,262,769)	15,954,006
4	ADJUSTMENTS TO PURCHASE GAS COSTS	-	-	-	-	-	-		-
5	ADJUSTMENTS TO PURCHASE GAS COSTS	-	-	-	-	-	-		-
6	Total Costs	5,096,075	4,267,348	3,356,469	4,493,632	4,582,587	4,420,664	(10,262,769)	15,954,006
7									
8	Add: MISCELLANEOUS								-
9									
10									
11	Less: CUSTOMER BILLINGS	(1,010,170)	(2,239,611)	(1,541,169)	(1,647,486)	(2,355,812)	(3,455,959)		(12,250,207)
12	Estimated Unbilled (Net)	(1,531,829)	(904,601)	1,245,637	(1,204,883)	(1,128,620)	(3,459,046)		(6,983,341)
13	Sub-Total Accrued Customer Billings	(2,541,999)	(3,144,212)	(295,532)	(2,852,368)	(3,484,432)	(6,915,005)	-	(19,233,549)
14									
15	Less: OCCUPANT DISALLOW/(CREDIT)								-
16									
17	ENDING BALANCE PRE INTEREST	\$ 9,636,666	\$ 10,784,652	\$ 13,879,199	\$ 15,570,281	\$ 16,737,334	\$ 14,316,173		\$ 3,803,047
18									
19	MONTH'S AVERAGE BALANCE	8,359,628	10,223,084	12,348,731	14,749,649	16,188,257	15,563,344		
20									
21	INTEREST RATE	3.50%	4.00%	4.75%	5.50%	5.50%	6.25%		
22									
23	INTEREST APPLIED	24,850	33,610	49,818	68,899	73,180	79,618		329,975
24									
25	ENDING BALANCE	\$ 9,661,516	\$ 10,818,262	\$ 13,929,017	\$ 15,639,180	\$ 16,810,514	\$ 14,395,791		\$ 4,133,022

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
May 01, 2022 through October 31, 2022
SCHEDULE 2 A
GAS COSTS BY SOURCE

Schedule 2 A
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FOR THE MONTH OF:	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Total
1 DEMAND							
2							
3 BP ENERGY							
4 REPSOL							
5 CANADIAN CAPACITY MANAGED							
6 TOTAL CANADIAN	\$ 64,332	\$ 64,807	\$ 63,283	\$ 63,497	\$ 58,878	\$ 75,367	\$ 390,164
7							
8 PEAKING SUPPLY							
9							
10 TRANSPORT CAPACITY	\$ 633,683	\$ 630,823	\$ 630,617	\$ 631,144	\$ 629,187	\$ 645,982	\$ 3,801,435
11 CAPACITY RELEASE ADJ	(124,520)	(248,319)	(376,373)	(664,024)	(399,253)	(215,280)	(2,027,770)
12 TOTAL TRANSPORT	\$ 509,163	\$ 382,504	\$ 254,243	\$ (32,881)	\$ 229,934	\$ 430,701	\$ 1,773,665
13							
14 STORAGE FIXED COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15							
16 LNG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17							
18 PROPANE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19 PIPELINE REFUNDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20 OTHER	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21							
22 TOTAL DEMAND	\$ 573,495	\$ 447,311	\$ 317,526	\$ 30,616	\$ 288,812	\$ 506,068	\$ 2,163,828
23							
24 COMMODITY							
25							
26 BP/NORTHEAST GAS MARKETS							
27 DTE ENERGY							
28 SEMPRA							
29 TOTAL CANADIAN COMMODITY	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30							
31 PIPELINE TRANSPORT							
32							
33 GAS SUPPLY							
34							
35 STORAGE							
36							
37 LNG							
38							
39 PROPANE							
40							
41 TAXES							
42							
43 SUPPLIER CASHOUT							
44							
45 CAPACITY MANAGED							
46							
47 FPO Mailing Costs							
48							
49 FPO Mailing Costs Moved to Winter in December 2015							
50							
51 SUBTOTAL COMMODITY COST	\$ 2,662,284	\$ 2,190,423	\$ 1,600,765	\$ 2,347,523	\$ 2,189,241	\$ 2,794,634	\$ 13,784,869
52							
53 ICE Fees							
54							
55 OFF SYSTEM SALES							
56							
57 NON-FIRM COST							
58							
59 NET COMMODITY COST	\$ 2,663,169	\$ 2,191,308	\$ 1,601,651	\$ 2,348,408	\$ 2,190,126	\$ 2,795,519	\$ 13,790,181

GAS COSTS SUMMARY
SCHEDULE 2 A

FOR THE MONTH OF:	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Total
60 Total Peak Demand	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
61 Off-Peak Demand	573,495	447,311	317,526	30,616	288,812	506,068	2,163,828
62 Total Demand	\$ 573,495	\$ 447,311	\$ 317,526	\$ 30,616	\$ 288,812	\$ 506,068	\$ 2,163,828
63							
64 Total Peak Commodity	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
65 Off-Peak Commodity	2,663,169	2,191,308	1,601,651	2,348,408	2,190,126	2,795,519	13,790,181
66 Total Commodity	\$ 2,663,169	\$ 2,191,308	\$ 1,601,651	\$ 2,348,408	\$ 2,190,126	\$ 2,795,519	\$ 13,790,181
67							
68 Firm Sendout Costs	\$ 3,236,664	\$ 2,638,619	\$ 1,919,177	\$ 2,379,024	\$ 2,478,938	\$ 3,301,587	\$ 15,954,009

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LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
May 01, 2022 through October 31, 2022
SCHEDULE 2 B
DETAIL GAS COSTS BY SOURCE

Schedule 2B
Page 1 of 3
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FOR THE MONTH OF:	May 22	Jun 22	Jul 22	Aug 22	Sep 22	Oct 22	Total
1 DEMAND							
2 Fixed Charges/Supply							
3 BP Energy							
4 Emera							
5 TransCanada							
6 Transgas							
7 Union Gas							
8 Total Canadian Purchases	\$ 64,332.36	\$ 64,806.88	\$ 63,282.98	\$ 63,496.79	\$ 58,877.87	\$ 75,366.66	\$ 390,164
9 PEAKING SUPPLY							
10 Granite Ridge							
11 NJR Energy							
12 Repsol							
13 JP Morgan							
14 Subtotal Peaking Supply	\$	\$	\$	\$	\$	\$	\$
15							
16 Transport Capacity(Demand and Transport Costs)							
17 Emera							
18 Direct							
19 IROQUOIS 470-01 RTS							
20 National Fuel NFGS NO2358 FST and O02357							
21 PNGTS FT-1999-001							
22 TGP 2302 FTA Zone 5-6							
23 TGP 72694 NET							
24 TGP 8587 FTA Zone 0-6							
25 TGP 95346 Z5-Z6							
26 Trans Gas							
27 Portland Natural Gas FTN							
28 TGP 2694-Payback contract							
29 TGP 11234 FTA Zone 4-6							
30 TGP 11234 Z4-Z6(stg)							
31 TGP 42076 FTA							
32 TGP 523							
33 TGP 632 FTA Zone 4-6							
34 TGP Concord Lateral FT							
35 SubTotal Transport Capacity	\$ 633,682.76	\$ 630,822.99	\$ 630,616.61	\$ 631,143.65	\$ 629,186.96	\$ 645,961.69	\$ 3,801,435
36							
37							
38 Storage Fixed							
39 Dominion - Storage Demand 300076							
40 TGP FSMA - Storage Demand							
41 Nat I Fuel - Storage Demand							
42 Honeoye - Storage Demand							
43 Sempra - Storage Demand							
44 SubTotal Storage	\$	\$	\$	\$	\$	\$	\$
45							
46 LNG							
47 LNG - Res Charge GAZ Metro)							
48							
49 PROPANE							
50 ENERGYNORTH Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
51							
52 ICE Fees							
53 TGP Pipeline Refund							
54							
55 Capacity Managed - Canadian							
56							
57 Demand Subtotal	\$ 698,015.12	\$ 695,629.87	\$ 693,899.59	\$ 694,640.44	\$ 688,064.83	\$ 721,348.35	\$ 4,191,598
58 Capacity Release Adjustments							
59 Iroquois							
60 National Fuel NO2358							
61 National Fuel O02357							
62 Portland Gas 1999-001							
63 TGP 11234 FTA							
64 TGP 2302 FTA							
65 TGP 72694 FTA							
66 TGP 72694 FTA							
67 TGP 8587							
68 TGP 95346 FTA							
69 Emera							
70 Dominion 300076							
71 TGP 42076							
72 TGP 523							
73 TGP 632 FSMA							
74 Twin Eagle							
75 SubTotal Capacity Releases	\$ (124,520.05)	\$ (248,319.18)	\$ (376,373.35)	\$ (664,024.35)	\$ (399,252.74)	\$ (215,280.27)	\$ (2,027,770)
76 Demand Net	\$ 573,495.07	\$ 447,310.71	\$ 317,526.24	\$ 30,616.09	\$ 288,812.09	\$ 506,068.08	\$ 2,163,828.28

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LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
May 01, 2022 through October 31, 2022
SCHEDULE 2 B
DETAIL GAS COSTS BY SOURCE

FOR THE MONTH OF:		May 22	Jun 22	Jul 22	Aug 22	Sep 22	Oct 22	Total
77	COMMODITY							
78								
79	Canadian Supply							
80	BP/Northeast Gas Market							
81	Nexen							
82	Sempra							
83								
84	Total Canadian Commodity	\$	\$	\$	\$	\$	\$	\$
85	Pipeline Transport							
86	ANE Union/Transgas							
87								
88	Dominion							
89	Iroquois							
90	Tennessee Gas Pipeline							
91	Honeoye							
92	National Fuel							
93	PNGTS							
94	Total TGP Transportation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
95								
96	Total Pipeline Transport	\$	\$	\$	\$	\$	\$	\$
97								
98	City Gate Supply							
99	VPCM							
100								
101	Dracut Supply							
102								
103	PNGTS Commodity							
104	Emera							
105	Total PNGTS Supply	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
106								
107	Other Commodity							
108	Andarko							
109	J Aron (Energy Atlantica)							
110	ANE (GAZMET)							
111	BG TransCanada							
112	BP Energy							
113	Chevron							
114	Constellation							
115	CITI							
116	Cargil							
117	Direct							
118	DTE							
119	Emera							
120	Enbridge							
121	EnCanUSA							
122	GDF Suez							
123	Iroquois							
124	JP Morgan							
125	Hess							
126	L. Dreyfus							
127	Macquarie							
128	Merrill							
129	National Fuel							
130	NGL Supply							
131	Nextera							
132	Papco							
133	Patriot Gas							
134	Ray Energy							
135	Repsol							
136	Sequent							
137	South Jersey							
138	Tenaska							
139	Southwest							
140	TC Energy							
141	Tennessee Gas Pipeline							
142	UGI							
143	Twin Eagle							
144	United							
145	Vitol							
146	Sub Total	\$ 2,663,019.92	\$ 2,236,858.96	\$ 1,603,210.44	\$ 2,338,924.11	\$ 2,186,491.19	\$ 2,775,356.37	\$ 13,803,861
147	Hedging (Gain)/Loss Peak	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
148	Hedging (Gain)/Loss Off Peak							
149	Total	\$ 2,663,019.92	\$ 2,236,858.96	\$ 1,603,210.44	\$ 2,338,924.11	\$ 2,186,491.19	\$ 2,775,356.37	\$ 13,803,861
150								
151								
152	Storage							
153	WITHDRAWALS Off Peak							
154	INJECTIONS							
155	Total Storage	\$	\$	\$	\$	\$	\$	\$
156	LNG							
157	LNG - REV							
158	LNG - P/S Plant							
159	Total LNG	\$	\$	\$	\$	\$	\$	\$
160								
161	PROPANE							
162	Propane Sendout - P/S Plant							
163	ENERGYNORTH Propane - Tank Farm	\$ -	\$ 6,255.76	\$ 2,944.49	\$ -	\$ 1,161.98	\$ 11,659.21	\$ 21,921
164								
165	Taxes - West Virginia							
166								
167	Broker Cashout							
168								
169	Capacity Managed							
170								
171	FPO Mail ing Costs							
172								
173	FPO Mail ing Costs Moved to Winter in December 2015							
174								
175	TOTAL COMMODITY	\$ 2,662,283.89	\$ 2,190,422.67	\$ 1,600,765.31	\$ 2,347,623.01	\$ 2,189,240.62	\$ 2,794,633.72	\$ 13,888,843
176		\$	\$	\$	\$	\$	\$	\$
177	ICE Fees							
178								
179	OFF SYSTEM SALES COST							
180								
181	NON-FIRM COST							
182								
183	NET COMMODITY COST	\$ 2,662,169.21	\$ 2,191,307.99	\$ 1,601,650.63	\$ 2,348,408.33	\$ 2,190,125.94	\$ 2,795,519.04	\$ 13,790,181.14

This page is filed pursuant to the confidentiality provisions outlined in Puc 201.06(a)(26).

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LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
May 01, 2022 through October 31, 2022
SCHEDULE 2 B
DETAIL GAS COSTS BY SOURCE

FOR THE MONTH OF:		May 22	Jun 22	Jul 22	Aug 22	Sep 22	Oct 22	Total
184	Total Peak Demand	PK \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
185	Total Peak Commodity	PK \$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
186	Total Peak Gas Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
187								
188	Off-Peak Demand	OP \$ 573,495	\$ 447,311	\$ 317,526	\$ 30,616	\$ 288,812	\$ 506,068	\$ 2,163,828
189	Off-Peak Commodity	OP \$ 2,663,169	\$ 2,191,308	\$ 1,601,651	\$ 2,348,408	\$ 2,190,126	\$ 2,795,519	\$ 13,790,181
190	Total Off Peak Gas Costs	\$ 3,236,664	\$ 2,638,619	\$ 1,919,177	\$ 2,379,024	\$ 2,478,938	\$ 3,301,587	\$ 15,954,009
191								
192	Firm Sendout Costs	\$ 3,236,664	\$ 2,638,619	\$ 1,919,177	\$ 2,379,024	\$ 2,478,938	\$ 3,301,587	\$ 15,954,009

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
SCHEDULE 3
SUMMER COG GAS REVENUES BILLED

Schedule 3

FOR MONTH OF:	May 22	Jun 22	Jul 22	Aug 22	Sep 22	Oct 22	Total
	(a)	(b)	(c)	(d)	(e)	(f)	(g)
1 VOLUMES BILLED							
2 RESIDENTIAL							
3 R-1							
4 R-1 FPO							
5 R-3							
6 R-3 FPO							
7 R-4							
8 R-4 FPO							
9 R-5							
10 R-5 FPO							
11 R-6							
12 R-6 FPO							
13 R-7							
14 R-7 FPO							
15 Total Residential	3,969,534	1,765,976	1,236,375	1,026,534	1,016,845	1,626,761	-
16 COMMERCIAL/INDUSTRIAL							
17 G41 - G43							
18 G41 - G43 FPO							
19 G51 - G58							
20 G51 - G58 FPO							
21 Total Comm/Industrial	8,388,283	5,364,386	3,747,166	3,508,005	3,768,712	2,348,322	
22 Total Sales Volumes	12,357,817	7,130,362	4,983,541	4,534,539	4,785,557	3,975,083	
23							
24 TRANSPORTATION							
25 G41 - G43							
26 G51 - G58							
27 Total Transportation	-	-	-	-	-	-	
28 Total Volumes	12,357,817	7,130,362	4,983,541	4,534,539	4,785,557	3,975,083	
29							
30 REVENUES							
31 Summer Gas Cost Billed (Acct 1920-1741)	\$ 1,010,170	\$ 2,239,611	\$ 1,541,169	\$ 1,647,486	\$ 2,355,812	\$ 3,455,959	12,250,207
32							
33 Less Occupant Billing	-	-	-	-	-	-	
34							
35 Less Summer Proration/adj	-	-	-	-	-	-	
36 Total Summer Gas Cost Billed (Acct 1920 1741)	\$ 1,010,170	\$ 2,239,611	\$ 1,541,169	\$ 1,647,486	\$ 2,355,812	\$ 3,455,959	\$ 12,250,207
37							
38 Winter Gas Costs Billed (Acct 1920-1740)	\$ 6,449,024	\$ 388,347	\$ 37,077	\$ 10,098	\$ 1,244	\$ -	\$ 6,885,790
39 Winter Transportation Gas Costs Billed (Acct 1920-1740)							
40 Total Winter Gas Cost Billed (Acct 1920 1740)	\$ 6,449,024	\$ 388,347	\$ 37,077	\$ 10,098	\$ 1,244	\$ -	\$ 6,885,790
41							
42 Total Gas Costs Billed	\$ 7,459,194	\$ 2,627,958	\$ 1,578,246	\$ 1,657,584	\$ 2,357,056	\$ 3,455,959	\$ 19,135,997
43							
44 Bad Debt Revenue Billed Summer (Acct 1163-1754)	\$ (7,839)	\$ (17,179)	\$ (11,517)	\$ (11,208)	\$ (8,191)	\$ (17,564)	\$ (73,498)
45 Working Capital Gas Cost Billed Summer (1163-1424)	\$ (173)	\$ (643)	\$ (413)	\$ (279)	\$ (218)	\$ (615)	\$ (2,341)
46							
47 Total Billings	\$ 7,451,182	\$ 2,610,135	\$ 1,566,316	\$ 1,646,097	\$ 2,348,647	\$ 3,437,780	\$ 19,060,158

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
SCHEDULE 3A
CALCULATION OF UNBILLED GAS COSTS (ACCRUED COG)

FOR MONTH OF:	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Total
1 Firm Gas Purchases	3,781,800	2,745,159	2,222,668	2,184,570	2,650,917	5,678,322	19,263,436
2 Firm Sales	6,287,700	3,511,865	2,357,195	2,118,496	2,079,739	2,517,120	18,872,115
3 Company Use	10,038	5,937	4,279	3,683	4,176	5,423	33,536
4 Unaccounted For %	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%	
5 Unaccounted For Gas	40,843	29,648	24,005	23,593	28,630	61,326	208,045

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
SCHEDULE 5
PEAK WORKING CAPITAL
Account 8840-2-0000-10-1163-1422

	FOR THE MONTH OF: DAYS IN MONTH:	May-22 31	Jun-22 30	Jul-22 31	Aug-22 31	Sep-22 30	Oct-22 31	Dec-22 Adjustments	Total
1	BEGINNING BALANCE	\$ (30,998)	\$ (46,934)	\$ (49,705)	\$ (53,571)	\$ (58,687)	\$ (62,036)		\$ (30,998)
2									
3	Add: COST ALLOW	(2,954)	(1,637)	(3,558)	(4,826)	(3,074)	(890)	23,515	6,576
4									
5	Less: CUSTOMER BILLINGS	(12,866)	(975)	(101)	(27)	(3)	(0)		(13,973)
6	Adjustments	-	-	-	-	-	-		-
7	Estimated Unbilled	-	-	-	-	-	-		-
8	Reverse Prior Month Unbilled	-	-	-	-	-	-		-
9	Subtotal: Accrued Customer Billings	(12,866)	(975)	(101)	(27)	(3)	(0)	-	(13,973)
10									
11	ENDING BALANCE PRE INTEREST	\$ (46,818)	\$ (49,546)	\$ (53,364)	\$ (58,425)	\$ (61,764)	\$ (62,926)		\$ (38,395)
12									
13	MONTH'S AVERAGE BALANCE	(38,908)	(48,240)	(51,534)	(55,998)	(60,226)	(62,481)		
14									
15	INTEREST RATE	3.50%	4.00%	4.75%	5.50%	5.50%	6.25%		
16	INTEREST APPLIED	(116)	(159)	(208)	(262)	(272)	(332)		(1,348)
17	ENDING BALANCE	\$ (46,934)	\$ (49,705)	\$ (53,571)	\$ (58,687)	\$ (62,036)	\$ (63,258)		\$ (39,743)

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
SCHEDULE 5
OFF-PEAK WORKING CAPITAL
Account 8840-2-0000-10-1163-1424

	FOR THE MONTH OF: DAYS IN MONTH	May-22 31	Jun-22 30	Jul-22 31	Aug-22 31	Sep-22 30	Oct-22 31	Dec-22 Adjustments	Total
1	BEGINNING BALANCE	\$ 27,633	\$ 39,236	\$ 48,515	\$ 56,003	\$ 66,305	\$ 76,910		27,633
2									
3	Add: ACTUAL COST	11,677	9,778	7,691	10,296	10,500	10,129	(23,515)	\$ 36,555
4									
5	Less: CUSTOMER BILLINGS	(173)	(643)	(413)	(279)	(218)	(615)		(2,341)
6	Adjustments	-	-	-	-	-	-		-
7	Estimated Unbilled	-	-	-	-	-	-		-
8	Reverse Prior Month Unbilled	-	-	-	-	-	-		-
9	Subtotal: Accrued Customer Billings	(173)	(643)	(413)	(279)	(218)	(615)	-	(2,341)
10									
11	ENDING BALANCE PRE INTEREST	\$ 39,137	\$ 48,371	\$ 55,793	\$ 66,020	\$ 76,587	\$ 86,424		\$ 61,848
12									
13	MONTH'S AVERAGE BALANCE	33,385	43,804	52,154	61,012	71,446	81,667		
14									
15	INTEREST RATE	3.50%	4.00%	4.75%	5.50%	5.50%	6.25%		
16	INTEREST APPLIED	99	144	210	285	323	434		1,495
17	ENDING BALANCE	\$ 39,236	\$ 48,515	\$ 56,003	\$ 66,305	\$ 76,910	\$ 86,858		\$ 63,343

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
SCHEDULE 5
PEAK PERIOD BAD DEBT
Account 8840-2-0000-10-1920-1743

	FOR THE MONTH OF: DAYS IN MONTH	May-22 31	Jun-22 30	Jul-22 31	Aug-22 31	Sep-22 30	Oct-22 31	Dec-22 Adjustments	Total
1	BEGINNING BALANCE	\$ (170,566)	\$ (208,905)	\$ (216,811)	\$ (228,840)	\$ (244,790)	\$ (255,338)		\$ (170,566)
2									
3	Add: COST ALLOW	(9,045)	(5,013)	(10,894)	(14,779)	(9,413)	(2,724)	72,004	20,137
4									
5	Add: MISCELLANEOUS								-
6									
7	Less: CUSTOMER BILLINGS	(28,732)	(2,195)	(237)	(68)	(7)	(0)		(31,239)
8	Estimated Unbilled (Net)	-	-	-	-	-	-		-
9	Subtotal- Accrued Customer Billings	(28,732)	(2,195)	(237)	(68)	(7)	(0)		(31,239)
10									
11	ENDING BALANCE PRE INTEREST	\$ (208,342)	\$ (216,113)	\$ (227,943)	\$ (243,687)	\$ (254,210)	\$ (258,062)		\$ (181,668)
12									
13	MONTH'S AVERAGE BALANCE	(189,454)	(212,509)	(222,377)	(236,263)	(249,500)	(256,700)		
14									
15	INTEREST RATE	3.50%	4.00%	4.75%	5.50%	5.50%	6.25%		
16									
17	INTEREST APPLIED	(563)	(699)	(897)	(1,104)	(1,128)	(1,363)		\$ (5,753)
18									
19	ENDING BALANCE	\$ (208,905)	\$ (216,811)	\$ (228,840)	\$ (244,790)	\$ (255,338)	\$ (259,425)		\$ (187,421)

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
SCHEDULE 5
OFF PEAK BAD DEBT
Account 8840-2-0000-10-1163-1754

	FOR THE MONTH OF: DAYS IN MONTH	May-22 31	Jun-22 30	Jul-22 31	Aug-22 31	Sep-22 30	Oct-22 31	Dec-22 Adjustments	Total
1	BEGINNING BALANCE	\$ 597,731	\$ 632,689	\$ 652,777	\$ 672,694	\$ 701,432	\$ 733,847		\$ 597,731
2									
3	Add: COST ALLOW	40,972	35,157	28,767	36,745	37,369	36,233	72,004	287,247
4									
5	Add: MISCELLANEOUS								-
6									
7	Less: CUSTOMER BILLINGS	(7,839)	(17,179)	(11,517)	(11,208)	(8,191)	(17,564)		(73,498)
8	Estimated Unbilled (Net)	-	-	-	-	-	-		-
9	Subtotal- Accrued Customer Billings	(7,839)	(17,179)	(11,517)	(11,208)	(8,191)	(17,564)		(73,498)
10									
11	ENDING BALANCE PRE INTEREST	\$ 630,863	\$ 650,668	\$ 670,027	\$ 698,231	\$ 730,610	\$ 752,516		\$ 811,480
12									
13	MONTH'S AVERAGE BALANCE	614,297	641,679	661,402	685,463	716,021	743,182		
14									
15	INTEREST RATE	3.50%	4.00%	4.75%	5.50%	5.50%	6.25%		
16									
17	INTEREST APPLIED	1,826	2,110	2,667	3,201	3,237	3,951		\$ 16,991
18									
19	ENDING BALANCE	\$ 632,689	\$ 652,777	\$ 672,694	\$ 701,432	\$ 733,846.95	\$ 756,467		\$ 828,471

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
SCHEDULE 6
OFF PEAK BAD DEBT AND WORKING CAPITAL COSTS

FOR MONTH OF:	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Total
1 Demand	\$ 573,495	\$ 447,311	\$ 317,526	\$ 30,616	\$ 288,812	\$ 506,068	\$ 2,163,828
2 Commodity	2,663,169	2,191,308	1,601,651	2,348,408	2,190,126	2,795,519	13,790,181
3 Total Gas Costs	\$ 3,236,664	\$ 2,638,619	\$ 1,919,177	\$ 2,379,024	\$ 2,478,938	\$ 3,301,587	\$ 15,954,009
4							
5 Lead Lag Days	0.0391	0.0391	0.0391	0.0391	0.0391	0.0391	
6 Prime Rate	3.50%	4.00%	4.75%	5.50%	5.50%	6.25%	
7							
8 Working Capital Rate	0.00230	0.00230	0.00230	0.00230	0.00230	0.00230	
9							
10 Working Capital Adjustment	\$ (1,956)	\$ (1,956)	\$ (1,956)	\$ (1,956)	\$ (1,956)	\$ (1,956)	\$ (11,736)
11							
12 Total Working Capital Costs	\$ 5,488	\$ 4,113	\$ 2,458	\$ 3,516	\$ 3,745	\$ 5,638	\$ 24,958
13							
14 Prior Period (Over)/Under collection	\$ (657)	\$ (657)	\$ (657)	\$ (657)	\$ (657)	\$ (657)	\$ (3,944)
15							
16 Subtotal Gas Costs, Working Capital & Under Collection	\$ 3,241,495	\$ 2,642,074	\$ 1,920,978	\$ 2,381,883	\$ 2,482,026	\$ 3,306,567	\$ 15,975,023
17							
18 Bad Debt Rate	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	
19							
20 Bad Debt Adjustment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21							
22 Total Bad Debt Cost	\$ 22,690	\$ 18,495	\$ 13,447	\$ 16,673	\$ 17,374	\$ 23,146	\$ 111,825

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
SCHEDULE 6
PEAK BAD DEBT AND WORKING CAPITAL COSTS

FOR MONTH OF:	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Total
1 Demand	\$ 263,460	\$ 299,850	\$ 211,303	\$ 217,805	\$ 247,832	\$ 297,327	\$ 1,537,577
2 Commodity	(629,714)	(736,458)	(780,100)	(862,981)	(1,470,562)	(1,201,342)	(5,681,157)
3 Total Gas Costs	\$ (366,254)	\$ (436,608)	\$ (568,797)	\$ (645,176)	\$ (1,222,730)	\$ (904,015)	\$ (4,143,580)
4							
5 Working Capital Rate	0.00230	0.00230	0.00230	0.00230	0.00230	0.00230	
6							
7 Working Capital Adjustment	\$ (707)	\$ (707)	\$ (707)	\$ (707)	\$ (707)	\$ (707)	\$ (4,244.57)
8							
9 Total Working Capital Costs	\$ (555)	\$ (469)	\$ (727)	\$ (824)	\$ (1,558)	\$ (1,153)	\$ (5,286)
10							
11 Prior Period (Over)/Under collection	\$ (2,477)	\$ (2,477)	\$ (2,477)	\$ (2,477)	\$ (2,477)	\$ (2,477)	\$ (14,859)
12							
13 Subtotal Gas Costs, Working Capital & Over Collection	\$ (369,286)	\$ (439,554)	\$ (572,000)	\$ (648,477)	\$ (1,226,765)	\$ (907,645)	\$ (4,163,725)
14							
15 Bad Debt Rate	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	
16							
17 Bad Debt Adjustment	\$ (2,650)	\$ (2,650)	\$ (2,650)	\$ (2,650)	\$ (2,650)	\$ (2,650)	\$ (15,903)
18							
19 Total Bad Debt Cost	\$ (5,235)	\$ (5,727)	\$ (6,654)	\$ (7,190)	\$ (11,238)	\$ (9,004)	\$ (45,049)

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
SCHEDULE 7
WORKING CAPITAL & BAD DEBT REVENUE BILLED

FOR MONTH OF		May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Total OffPeak
1	WORKING CAPITAL RATES	\$ 0.0023	\$ 0.0023	\$ 0.0023	\$ 0.0023	\$ 0.0023	\$ 0.0023	
2								
3	WORKING CAPITAL COLLECTED	\$ (173)	\$ (643)	\$ (413)	\$ (279)	\$ (218)	\$ (615)	\$ (2,341)
4								
5	BAD DEBT RATES	\$ 0.0070	\$ 0.0070	\$ 0.0070	\$ 0.0070	\$ 0.0070	\$ 0.0070	
6								
7	BAD DEBT COLLECTED	\$ (7,839)	\$ (17,179)	\$ (11,517)	\$ (11,208)	\$ (8,191)	\$ (17,564)	\$ (73,498)

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
MAY 2022 THROUGH OCTOBER 2022
SCHEDULE 8
COMMODITY AND TRANSPORTED VOLUMES

Schedule 8
REDACTED

FOR THE MONTH OF	May 22			Jun 22			Jul 22			Aug 22			Sep 22			Oct 22			Total								
	Dollar	REC VOL	DEL VOL	Dollar	REC VOL	DEL VOL	Dollar	REC VOL	DEL VOL	Dollar	REC VOL	DEL VOL	Dollar	REC VOL	DEL VOL	Dollar	REC VOL	DEL VOL	Dollar	Del Vol Dth							
1 TENNESSEE COMMODITY																											
2 Gas Supply Purchases for Sendout																											
3 TGP/Supply Area Transport/Variable Costs																											
4 TOTAL TENNESSEE																											
5																											
6																											
7 City Gate Purchases for Sendout																											
8																											
9 Dracut Purchases for Sendout																											
10 Dracut Transport/Variable Costs																											
11																											
12 PNGTS Purchases for Sendout (Berlin)																											
13 PNGTS Transport/Variable Costs																											
14 TOTAL PNGTS																											
15																											
16																											
17 TGP/Niagara Purchases for Sendout																											
18 TGP/Niagara Transport/Variable Costs																											
19																											
20 Enbridge/TC Energy Purchases for Sendout (A)																											
21 (Enbridge/TCPL/IRO) Transport/Variable Costs																											
22 TGP/Niagara Transport/Variable Costs																											
23																											
24 Enbridge/TC Energy Purchases for Sendout (B)																											
25 (ENB/TCPL/PNGTS) Transport/Variable Costs																											
26 TGP (ENB/TCPL/PNGTS Path) Transport/Variable																											
27 Costs																											
28																											
29 LNG																											
30																											
31 LNG Vapor Sendout - P/S Plant																											
32																											
33 Propane																											
34 Off System Sales (EN/Amerigas- Vol Conv to MMBtus)																											
35																											
36 Propane Sendout - P/S Plant																											
37																											
38 Total Propane																											
39																											
40																											
41 Storage																											
42 Storage Injection Purchase																											
43																											
44 Storage Withdrawals for Sendout																											
45 Storage Withdrawal /Transport costs																											
46																											
47																											
48 Boil-off																											
49																											
50 LNG			0			0			0			0			0			192		\$0 192							
51																											
52 LPG			0			0			0			0			0			0		\$0 -							
53																											
54 OBA																											
55																											
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59 NET COMMODITY COST	\$2,545,209		378,180		\$2,155,836		274,516		\$1,280,596		222,267		\$1,706,883		218,457		\$2,104,372		265,092		\$2,807,229		567,832		\$12,600,126		1,926,344

This page is filed pursuant to the confidentiality provisions outlined in Puc 201.06(a)(26).

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LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
SCHEDULE 9
MONTHLY PRIME RATES

	MONTH	PRIME RATE	DAYS IN MONTH
1	May-22	3.50%	31
2	Jun-22	4.00%	30
3	Jul-22	4.75%	31
4	Aug-22	5.50%	31
5	Sep-22	5.50%	30
6	Oct-22	6.25%	31