

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

	Filing (1)	Actual	Difference
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	143,239	39,586
Bad Debt Billed	(127,850)	(71,401)	56,449
Adjustment	0	0	0
Interest	429	16,991	16,562
Total (Over) / Under 10/31/2022	\$ (0)	\$ 686,560	\$ 686,560
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)	(2,303)	2,449
Adjustment	0	0	0
Interest	77	1,495	1,418
Total (Over) / Under 10/31/2022	\$ 0	\$ 63,381	\$ 63,381
Total All Accounts	\$ -	\$ 4,882,963	\$ 4,882,963

(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
Supplies				
Transgas	Sch 2B line 6			
Subtotal Supply Demand Charges				
Pipelines				
TransCanada via Union to Portland and Iriquis	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				
LNG				
LNG - Res Charge GAZ Metro)	Sch 2B line 47			
Propane				
EN Propane	Sch 2B line 50			
Storage				
Demand & Capacity Charges				
Other				
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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D/B/A LIBERTY
SUMMER 2022 COST OF GAS RESULTS
DG 21-130
SUMMARY 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/Niagara 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-B)*C Difference
	(A) Actual Volume	(B) Normal Volume	(C) Forecast Rate (a)	
Weather Variance - Volume Impact				
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
	Demand Variance - Commodity Costs			
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
	Rate Variance - Commodity Costs			
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)				<u>0</u>
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				<u>(542,312)</u>
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

Schedule 1
Page 2 of 2

	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

Schedule 2 A
REDACTED

SUMMER 2022 COST OF GAS RESULTS
May 01, 2022 through October 31, 2022
SCHEDULE 2 A
GAS COSTS BY SOURCE

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

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 OP							
4 Emera OP							
5 TransCanada OP							
6 Transgas OP							
7 Union Gas OP							
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 PK							
11 NJR Energy PK							
12 Repsol PK							
13 JP Morgan PK							
14 Subtotal Peaking Supply	\$	\$	\$	\$	\$	\$	\$
15							
16 Transport Capacity(Demand and Transporttion Costs)							
17 Emera OP							
18 Direct OP							
19 IROQUOIS 470-01 RTS OP							
20 National Fuel NFGS NO2358 FST and O02357 PK							
21 PNGTS FT-1999-001 OP							
22 TGP 2302 FTA Zone 5-6 OP							
23 TGP 72694 NET PK							
24 TGP 8587 FTA Zone 0-6 OP							
25 TGP 95346 Z5-Z6 OP							
26 Trans Gas OP							
27 Portland Natural Gas FTN OP							
28 TGP 2694-Payback contract OP							
29 TGP 11234 FTA Zone 4-6 PK							
30 TGP 11234 Z4-Z6(stg) PK							
31 TGP 42076 FTA PK							
32 TGP 523 PK							
33 TGP 632 FTA Zone 4-6 PK							
34 TGP Concord Lateral FT OP							
35 SubTotal Transport Capacity	\$ 633,682.76	\$ 630,822.99	\$ 630,616.61	\$ 631,143.65	\$ 629,186.96	\$ 645,981.69	\$ 3,801,435
36							
37							
38 Storage Fixed							
39 Dominion - Storage Demand 300076 PK							
40 TGP FSMA - Storage Demand PK							
41 Nat'l Fuel - Storage Demand PK							
42 Honeoye - Storage Demand PK							
43 Sempra - Storage Demand PK							
44 SubTotal Storage	\$	\$	\$	\$	\$	\$	\$
45							
46 LNG							
47 LNG - Res Charge GAZ Metro) OP							
48							
49 PROPANE							
50 ENERGENORTH Propane OP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
51							
52 ICE Fees OP							
53 TGP Pipeline Refund OP							
54							
55 Capacity Managed - Canadian PK							
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 OP							
60 National Fuel N02358 PK							
61 National Fuel O02357 PK							
62 Portland Gas 1999-001 OP							
63 TGP 11234 FTA OP							
64 TGP 2302 FTA OP							
65 TGP 72694 FTA PK							
66 TGP 72694 FTA PK							
67 TGP 8587 OP							
68 TGP 95346 FTA OP							
69 Emera OP							
70 Dominion 300076 PK							
71 TGP 42076 PK							
72 TGP 523 PK							
73 TGP 632 FSMA PK							
74 Twin Eagle OP							
75 SubTotal Capacity Releases	\$ (124,520.05)	\$ (248,319.16)	\$ (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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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	Total Canadian Commodity	\$	\$	\$	\$	\$	\$	\$
84								
85	Pipeline Transport							
86	ANE Union/Transgas							
87								
88	Dominion							
89	Iroquois							
90	Tennessee Gas Pipe line							
91	Honeoye							
92	National Fuel							
93	PNGTS							
94	Total TGP Transportation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
95								
96	Total Pipeline Transport	\$	\$	\$	\$	\$	\$	\$
97								
98	City Gate Supply							
99	VPEM							
100								
101	Dracut Supply							
102								
103	PNGTS Commodity							
104	Emera							
105	Total PNGTS Supply	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
106								
107	Other Commodity							
108	Andarko							
109	J Aron (Energy Alantica)							
110	ANE (GAZMET)							
111	BG I TransCanada							
112	BP Energy							
113	Chevron							
114	Constellation							
115	CITI							
116	Cargill							
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	Nexera							
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								
157	LNG							
158	LNG - REV							
159	LNG - P/S Plant							
160	Total LNG	\$	\$	\$	\$	\$	\$	\$
161	PROPANE							
162	Propane Sendout - P/S Plant							
163	ENERGYNORTH Propane - Tank Farm	\$ -	\$ 6,255.76	\$ 2,844.49	\$ -	\$ 1,161.98	\$ 11,659.21	\$ 21,921
164	TOTAL PROPANE							
165	Taxes - West Virginia							
166	Broker Cashout							
167	Capacity Managed							
168	FPO Mailing Costs							
169	FPO Mailing Costs Moved to Winter in December 2015							
170								
171								
172								
173								
174								
175	TOTAL COMMODITY	\$ 2,662,283.89	\$ 2,190,422.67	\$ 1,600,765.31	\$ 2,347,523.01	\$ 2,189,240.62	\$ 2,794,633.72	\$ 13,784,869
176		\$	\$	\$	\$	\$	\$	\$
177	ICE Fees							
178								
179	OFF SYSTEM SALES COST							
180								
181	NON-FIRM COST							
182								
183	NET COMMODITY COST	\$ 2,663,169.21	\$ 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).

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)	(h)
1 VOLUMES BILLED							
2 RESIDENTIAL							
3 R-1	55,168	40,517	33,788	27,544	27,054	33,037	217,108
4 R-1 FPO	3,876	(619)	-	-	-	-	3,257
5 R-3	3,203,211	1,622,809	1,085,017	897,015	910,195	1,593,723	9,311,969
6 R-3 FPO	335,319	(49,338)	(1,062)	(2,402)	-	-	282,518
7 R-4	325,106	147,363	114,033	100,430	75,292	-	762,225
8 R-4 FPO	32,589	(834)	(356)	(211)	-	-	31,187
9 R-5	1,343	741	602	577	585	-	3,848
10 R-5 FPO	146	-	-	-	-	-	146
11 R-6	10,578	5,200	4,283	3,520	3,661	-	27,243
12 R-6 FPO	2,007	50	-	-	-	-	2,056
13 R-7	154	87	69	61	58	-	429
14 R-7 FPO	37	-	-	-	-	-	37
15 Total Residential	3,969,534	1,765,976	1,236,375	1,026,534	1,016,845	1,626,761	10,642,025
16 COMMERCIAL/INDUSTRIAL							
17 G41 - G45	2,273,637	1,211,590	549,436	467,149	458,083	778,610	5,738,505
18 G41 - G45 FPO							
19 G51 - G58	799,825	688,142	485,667	491,899	444,207	418,703	3,328,443
20 G51 - G58 FPO							
21 Total Comm/Industrial	3,073,463	1,899,731	1,035,104	959,048	902,290	1,197,313	9,066,948
22 Total Sales Volumes	7,042,997	3,665,707	2,271,479	1,985,582	1,919,135	2,824,074	19,708,973
23							
24 TRANSPORTATION							
25 G41 - G45	2,287,629	1,137,837	630,653	514,458	541,814	727,090	5,839,481
26 G51 - G58	3,027,191	2,326,817	2,081,410	2,034,499	2,324,608	423,919	12,218,445
27 Total Transportation	5,314,820	3,464,655	2,712,063	2,548,957	2,866,422	1,151,009	18,057,926
28 Total Volumes	12,357,817	7,130,362	4,983,541	4,534,539	4,785,557	3,975,083	37,766,899
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)	\$ (15,466)	\$ (71,401)
45 Working Capital Gas Cost Billed Summer (1163-1424)	\$ (173)	\$ (643)	\$ (413)	\$ (279)	\$ (218)	\$ (577)	\$ (2,303)
46							
47 Total Billings	\$ 7,451,182	\$ 2,610,135	\$ 1,566,316	\$ 1,646,097	\$ 2,348,647	\$ 3,439,916	\$ 19,062,294

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	7,042,997	3,665,707	2,271,479	1,985,582	1,919,135	2,824,074	19,708,973
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:		May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Dec-22	Total
DAYS IN MONTH:		31	30	31	31	30	31	Adjustments	
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)	(577)		(2,303)
6	Adjustments	-	-	-	-	-	-		-
7	Estimated Unbilled	-	-	-	-	-	-		-
8	Reverse Prior Month Unbilled	-	-	-	-	-	-		-
9	Subtotal: Accrued Customer Billings	(173)	(643)	(413)	(279)	(218)	(577)	-	(2,303)
10									
11	ENDING BALANCE PRE INTEREST	\$ 39,137	\$ 48,371	\$ 55,793	\$ 66,020	\$ 76,587	\$ 86,462		\$ 61,885
12									
13	MONTH'S AVERAGE BALANCE	33,385	43,804	52,154	61,012	71,446	81,686		
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	\$ 86,896		\$ 63,381

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)	143,239
4									
5	Add: MISCELLANEOUS								-
6									
7	Less: CUSTOMER BILLINGS	(7,839)	(17,179)	(11,517)	(11,208)	(8,191)	(15,466)		(71,401)
8	Estimated Unbilled (Net)	-	-	-	-	-	-		-
9	Subtotal- Accrued Customer Billings	(7,839)	(17,179)	(11,517)	(11,208)	(8,191)	(15,466)		(71,401)
10									
11	ENDING BALANCE PRE INTEREST	\$ 630,863	\$ 650,668	\$ 670,027	\$ 698,231	\$ 730,610	\$ 754,614		\$ 669,569
12									
13	MONTH'S AVERAGE BALANCE	614,297	641,679	661,402	685,463	716,021	744,230		
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	\$ 758,564		\$ 686,560

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	\$ 3,896	\$ 3,896	\$ 3,896	\$ 3,896	\$ 3,896	\$ 3,896	\$ 23,376
11							
12 Total Working Capital Costs	\$ 11,340	\$ 9,965	\$ 8,310	\$ 9,368	\$ 9,598	\$ 11,490	\$ 60,070.34
13							
14 Prior Period (Over)/Under collection	\$ 4,606	\$ 4,606	\$ 4,606	\$ 4,606	\$ 4,606	\$ 4,606	\$ 27,633
15							
16 Subtotal Gas Costs, Working Capital & Under Collection	\$ 3,252,610	\$ 2,653,189	\$ 1,932,093	\$ 2,392,998	\$ 2,493,141	\$ 3,317,682	\$ 16,041,713
17							
18 Bad Debt Rate	0.00700	0.00700	0.00700	0.00700	0.00700	0.00700	
19							
20 Bad Debt Adjustment	\$ 17,159	\$ 17,159	\$ 17,159	\$ 17,159	\$ 17,159	\$ 17,159	\$ 102,951
21							
22 Total Bad Debt Cost	\$ 39,927	\$ 35,731	\$ 30,683	\$ 33,910	\$ 34,611	\$ 40,382	\$ 215,243.22

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 Working Capital Rate	0.00230	0.00230	0.00230	0.00230	0.00230	0.00230	
5 Working Capital Adjustment	\$ (707)	\$ (707)	\$ (707)	\$ (707)	\$ (707)	\$ (707)	\$ (4,244.57)
6 Total Working Capital Costs	\$ (555)	\$ (469)	\$ (727)	\$ (824)	\$ (1,558)	\$ (1,153)	\$ (5,286)
7 Prior Period (Over)/Under collection	\$ (2,477)	\$ (2,477)	\$ (2,477)	\$ (2,477)	\$ (2,477)	\$ (2,477)	\$ (14,859)
8 Subtotal Gas Costs, Working Capital & Over Collection	\$ (369,286)	\$ (439,554)	\$ (572,000)	\$ (648,477)	\$ (1,226,765)	\$ (907,645)	\$ (4,163,725)
9 Bad Debt Rate	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	
10 Bad Debt Adjustment	\$ (2,650)	\$ (2,650)	\$ (2,650)	\$ (2,650)	\$ (2,650)	\$ (2,650)	\$ (15,903)
11 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)	\$ (577)	\$ (2,303)
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)	\$ (15,466)	\$ (71,401)

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

	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 TENNESEE COMMODITY																				
2 Gas Supply Purchases for Sendout																				
3 TGP/Supply Area Transport/Variable Costs																				
4 TOTAL TENNESSEE																				
5																				
6																				
7 C ty 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/TCPLIRO) 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																				
56																				
57																				
58																				
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