

**LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP.**  
**SUMMER 2013 COST OF GAS RESULTS**  
**DG 14-076**  
**May 01, 2014 through October 31, 2014**

	<u>Filing (1)</u>	<u>Actual</u>	<u>Difference</u>
<b><u>Account 8840-2-0000-10-1920-1741</u></b>			
Balance 10/31/13 - (Over) / Under	\$ (1,146,406)	\$ (1,154,640)	\$ (8,234)
Prior Period Adjustment	2/ -	-	-
Interest 11/1/13 - 4/30/14	<u>(17,645)</u>	<u>(17,644)</u>	<u>1</u>
Beginning Balance 5/1/14	\$ (1,164,051)	\$ (1,172,284)	\$ (8,233)
Interest 5/1/14 - 10/31/14	(9,576)	(88,177)	(78,601)
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 and FPO Admin Costs	-	-	-
Overhead	2,801	2,833	32
Occupant Disallowance/Credits	(9,432)	(49,952)	(40,520)
Total Adjustment to Costs	-	-	-
Gas Costs	<u>\$ 11,591,457</u>	<u>\$ 7,060,201</u>	<u>\$ (4,531,256)</u>
Total Costs	<u>\$ 11,575,250</u>	<u>\$ 6,924,904</u>	<u>\$ (4,650,346)</u>
Gas Cost Billed	<u>\$ (10,411,200)</u>	<u>\$ (8,329,091)</u>	<u>\$ 2,082,109</u>
Total (Over) / Under 10/31/14	<u>\$ -</u>	<u>\$ (2,576,471)</u>	<u>\$ (2,576,471)</u>

<b><u>Bad Debts Account 8840-2-0000-10-1163-1754</u></b>			
Balance 10/31/13 - (Over) / Under	\$ -	\$ -	\$ -
Prior Period Adjustment	-	0	0
Interest 11/1/13 - 4/30/14	<u>-</u>	<u>-</u>	<u>0</u>
Beginning Balance 5/1/14	\$ -	\$ -	\$ -
Bad Debt Costs	0	0	0
Bad Debt Billed	0	0	0
Interest	0	0	0
Total (Over) / Under 10/31/14	\$ -	\$ -	\$ -
<b><u>Working Capital Account 8840-2-0000-10-1163-1424</u></b>			
Balance 10/31/13 - (Over) / Under	\$ (554)	\$ (1,055)	\$ (501)
Prior Period Adjustment	0	(951)	(951)
Interest 11/1/13 - 4/30/14	<u>(8)</u>	<u>(20)</u>	<u>(12)</u>
Beginning Balance 5/1/14	\$ (562)	\$ (2,027)	\$ (1,465)
Working Capital Costs	14,731	8,973	(5,758)
Working Capital Billed	(14,166)	(1,738)	12,428
Interest	(3)	40	43
Total (Over) / Under 10/31/14	\$ -	\$ 5,248	\$ 5,248
<b>Total All Accounts</b>	<b>\$ -</b>	<b>\$ (2,571,223)</b>	<b>\$ (2,571,223)</b>

(1) As filed March 17, 2014 in the Summer 2014 Cost of Gas DG 14-076  
On April 30, 2014 the NHPUC approved the March 17, 2014 filing in DG 14-076 in its Order No 25,658

**LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP.**  
**SUMMER 2013 COST OF GAS RESULTS**  
**DG 14-076**  
**SUMMARY OF DEMAND CHARGES FOR PERIOD**  
**May 01, 2014 through October 31, 2014**

	<u>Reference Actuals</u>	<u>Filing 1/</u>	<u>Actual</u>	<u>Difference</u>
<b><u>Supplies:</u></b>				
Union Gas	Sch 2B line 7			
Subtotal Supply Demand Charges				
<b><u>Pipelines:</u></b>				
ANE (Uniongas and TransCanada)	Sch 2B line 3 + 4 + 5 + 20 + 60			
IGTS Iroquois	Sch 2B line 17			
TGP Short Haul 2302 Z5-Z6	Sch 2B line 22 + 64			
TGP Contract 8587 Zone 0-6	Sch 2B lines 23 + 65			
TGP 33371 NET284	Sch 2B line 25 + 61			
TGP 42076 Dracut	Sch 2B lines 26			
TGP 72694	Sch 2B lines 27			
Portland Natural Gas Pipeline	Sch 2B line 19 + 67			
Subtotal Pipeline Demand Charges				
<b><u>LNG:</u></b>				
Domac	Sch 2B line 41	\$ -	\$ 5,490	\$ 5,490
<b><u>Propane</u></b>				
EN Propane	Sch 2B line 44	\$ -	\$ -	\$ -
<b><u>Storage:</u></b>				
Demand & Capacity Charges		\$ -	\$ -	\$ -
<b><u>Other</u></b>				
Fees	Sch 2B line 46	\$ -	\$ 7,200	\$ 7,200
Pipeline Refunds	Sch 2B line 47	-	-	-
Transportation Capacity Credit		<u>(1,546,103)</u>	<u>-</u>	<u>1,546,103</u>
Subtotal Other Demand Charges		<u>\$ (1,546,103)</u>	<u>\$ 7,200</u>	<u>\$ 1,553,303</u>
<b>Total Demand Charges (Forward to Page 3)</b>		<u>\$ 3,627,974</u>	<u>\$ 2,285,763</u>	<u>(\$1,342,211)</u>

1/ Demand costs per Schedule 5A as filed in the Summer 2014 Cost of Gas in DG 14-076.

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## LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP.

## SUMMER 2013 COST OF GAS RESULTS

## DG 14-076

## SUMMARY OF COMMODITY COSTS FOR PERIOD

May 01, 2014 through October 31, 2014

Demand Charges (Brought from Page 2):		\$3,627,974		\$2,285,763		(\$1,342,211)
	<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>
<b><u>TGP Gulf Commodity</u></b>						
Therms	Sch 8, lines 5 + 39					
Cost	Sch 8, lines 5 + 39					
<b><u>Dracut Commodity</u></b>						
Therms	Sch 8, line 10					
Cost	Sch 8, line 10					
<b><u>PNGTS Comodity</u></b>						
Therms	Sch 8, line 18					
Cost	Sch 8, line 18					
<b><u>TGP/Iroquois Commodity (Dawn)</u></b>						
Therms	Sch 8, line 26					
Cost	Sch 8, line 26					
<b><u>TGP/Niagra Commodity</u></b>						
Therms	Sch 8, line 23					
Cost	Sch 8, line 23					
<b><u>City Gate Delivered Supply</u></b>						
Therms	Sch 8, line 8					
Cost	Sch 8, line 8					
<b><u>Storage Gas - Commodity Withdrawn</u></b>						
Therms	Sch 8, line 38					
Cost	Sch 8, line 38					
<b><u>Propane P/S Plant Commodity</u></b>						
Therms	Sch 8, line 33					
Cost	Sch 8, line 33					
<b><u>Propane Tank Farm Commodity</u></b>						
Therms	Sch 8, line 34					
Cost	Sch 8, line 34					
<b><u>LNG P/S Plant Commodity</u></b>						
Therms	Sch 8, line 30					
Cost	Sch 8, line 30					
<b><u>Hedging (Gains) Losses</u></b>						
	Sch 8, line 13					
<b><u>Other- Cashout, Broker Penalty, Canadian Managed, Non-Firm costs</u></b>						
Cost	Sch 8, line 50					
Subtotal:						
Volumes (net of fuel retention)		19,928,944		26,228,650		6,299,706
Cost		\$ 7,963,483	0.3996	\$ 4,774,438	0.1820	\$ (3,189,045)
(0.2176)						
Total Demand and Commodity Costs		\$ 11,591,457		\$ 7,060,201		\$ (4,531,257)
Check - Sched 1				\$ 7,060,201		
Demand (therms):						
Firm Gas Sales		19,670,156		17,376,918		(2,293,238)
Lost Gas (Unaccounted For)		231,176		36,001		(195,175)
Unbilled Therms		12,941		8,787,049		8,774,108
Fuel Retention		-		-		-
Company Use		14,671		28,682		14,011
Total Demand		19,928,944		26,228,650		6,299,706
		-		(0)		(0)

1/ Commodity costs and forecasted volumes per Schedule 6 as filed in the Summer 2014 Cost of Gas in DG 14-076

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**SUMMER 2013 COST OF GAS RESULTS**  
**DG 14-076**  
**May 01, 2014 through October 31, 2014**

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	(A) Actual Volume	(B) Normal Volume	(C) Forecast Rate (a)	(A-B)*C Difference
<b><u>Weather Variance - Volume Impact</u></b>				
TGP Gulf Commodity				
Dracut Commodity				
PNGTS Comodity				
TGP/Iroquois Commodity (Dawn)				
TGP/Niagra Commodity				
City Gate Delivered Supply				
Storage Gas - Commodity Withdrawn				
Propane P/S Plant Commodity				
Propane Tank Farm Commodity				
LNG P/S Plant Commodity				
Total Volume Weather Varaince	26,228,650	25,029,324	\$	435,871

	(A) Forecast Volume	(B) Actual Volume	(C) Forecast Rate (a)	Difference
<b><u>Demand Variance - Commodity Costs</u></b>				
TGP Gulf Commodity				
Dracut Commodity				
PNGTS Comodity				
TGP/Iroquois Commodity (Dawn)				
TGP/Niagra Commodity				
City Gate Delivered Supply				
Storage Gas - Commodity Withdrawn				
Propane P/S Plant Commodity				
Propane Tank Farm Commodity				
LNG P/S Plant Commodity				
Total Demand Variance (Less: Fuel Retention)	19,928,944	26,228,650	\$	1,470,875
<b>Demand Variance Net of Weather Variance</b>	-		\$	1,035,004

	(A) Actual Volume	(B) Forecast Rate (a)	(C) Actual Rate	(C-B)*A Difference
<b><u>Rate Variance - Commodity Costs</u></b>				
TGP Gulf Commodity				
Dracut Commodity				
PNGTS Comodity				
TGP/Iroquois Commodity (Dawn)				
TGP/Niagra Commodity				
City Gate Delivered Supply				
Storage Gas - Commodity Withdrawn				
Propane P/S Plant Commodity				
Propane Tank Farm Commodity				
LNG P/S Plant Commodity				
Total Commodity Cost Rate Variance	26,228,650		\$	(3,430,649)
Other Rate Variance (from page 2)				(1,342,211)
Hedge (Gains)/Loss (from page 3)				<u>190,027</u>
Total Rate Variance				(\$4,582,833)
Due to Weather Variance				435,871
Due to Demand Variance (from above)				1,035,004
Other- Cashout, Broker Penalty, Canadian Managed				<u>(1,498,662)</u>
Total Gas Cost Variance				<u><u>(\$4,610,620)</u></u>

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

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