

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP

REDACTED

D/B/A LIBERTY UTILITIES

2330 Cost of Gas Reconciliation Report

WINTER 2013-2014 COST OF GAS RESULTS

For the six months ended April 30, 2014 peak season

DG 13-251

NOVEMBER 2013 THROUGH APRIL 2014

	<u>Original</u> <u>Filing 1/</u>	<u>Actual</u>		<u>Difference</u>
<u>Peak Gas cost Account 1920-1740</u>				
Balance 05/01/13 - (Over) / Under	\$5,119,793	\$5,119,793	2/	\$0
Peak Gas Costs 5/1/13 - 10/31/13	\$2,789,162	\$3,151,895	3/	362,733
Fuel Financing 5/1/13 - 10/31/13	-	-	3/	-
Prior Period Adjustment 5/1/13-10/31/13	-	(42,610)	3/	(42,610)
Broker Revenue 5/1/13 - 10/31/13	(139,075)	(376,945)	3/	(237,870)
280 Day Margins 5/1/13 - 10/31/13	-	-	4/	-
IT Sales Margins 5/1/13 - 10/31/13	-	-	4/	-
Off System Sales Margin 5/1/13 - 10/31/13	(150,802)	(15,221)	4/	135,581
Capacity Release 5/1/13 - 10/31/13	(2,688,766)	(2,413,444)	4/	275,322
Interest 5/1/13 - 10/31/13	72,784	77,569	3/	4,785
Sum 5/1/13 - 10/31/13 costs	(\$116,697)	\$381,244		\$497,941
Beginning Balance 10/31/13 (Over)/Under	\$5,003,096	\$5,501,037		\$497,941
Interest 11/1/13 - 4/30/14	46,805	385,289		338,484
Prior Period Adjustments	-	(543)		(543)
Interruptible and 280-Day Sales Margins 11/1/13 - 4/30/14	-	-		-
Hedging costs	197,835	-		(197,835)
Off System Sales Margin 11/1/13 -4/30/14	(119,091)	-		119,091
Capacity Release Credits 11/1/13 - 4/30/14	(59,410)	(164,106)		(104,696)
Other Transportation Related Margins	0	0		0
Fixed Price Option Admin Costs	45,056	47,935		2,879
Broker Revenues 11/1/13 - 4/30/14	(634,054)	(1,014,419)		(380,365)
Production & Storage	1,980,428	1,980,428		0
Misc Overhead	10,369	10,735		366
Fuel Financing 11/1/13 - 4/30/14	-	-		-
Transportation Cost of Gas Revenue	(93,511)	-		93,511
Total Adjustment to Costs	\$1,374,427	\$1,245,318		(\$129,109)
Gas Costs 11/1/13 - 4/30/14	\$59,851,452	\$98,522,925		\$38,671,473
Total Gas Costs and Adjustments 11/13 - 04/14	\$61,225,879	\$99,768,244		\$38,542,365
Gas Cost Billed	(\$66,228,975)	(90,379,472)		(\$24,150,497)
Total (Over) / Under 04/30/14	\$0	\$14,889,808		\$14,889,808

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP

D/B/A LIBERTY UTILITIES

WINTER 2013-2014 COST OF GAS RESULTS

DG 13-251

NOVEMBER 2013 THROUGH APRIL 2014

2330 Cost of Gas Reconciliation Report

For the six months ended April 30, 2014 peak season

	<u>Original Filing 1/</u>	<u>Actual</u>	<u>Difference</u>
<u>Bad Debts Account 1920-1743</u>			
Beginning Balance	\$50,789	\$50,789 sch 1a	\$0
BD Costs 5/1/13 - 10/31/13	55,296	(172,867) 5/	(228,163)
Interest 5/1/12 - 10/31/12	1,208	(431) 5/	(1,639)
Beginning Balance 10/31/13 (Over)/Under	\$107,293	(\$122,509)	(\$229,802)
Bad Debt Costs 11/1/13 - 4/30/14	1,288,137	1,197,629	(90,508)
Bad Debt CGA Billed	(1,396,391)	(1,584,854)	(188,463)
Adjustment	-	-	0
Interest	961	(2,124)	(3,085)
Total (Over) / Under 04/30/14	\$0	(\$511,858)	(\$511,858)
<u>Working Capital Account 1163-1422</u>			
Beginning Balance	\$11,247	\$11,247 7/	\$0
WC Costs 5/1/13 - 10/31/13	3,546	919 6/	(2,627)
Interest 5/1/13 - 10/31/13	210	180 6/	(30)
Beginning Balance 10/31/13 (Over)/Under	\$15,003	\$12,346	(\$2,657)
Working Capital Costs 11/1/13 - 4/30/14	76,063	125,003	48,940
Working Capital CGA Billed	(91,191)	(103,544)	(12,353)
Adjustment	-	-	0
Interest	125	577	452
Total (Over) / Under 04/30/14	\$0	\$34,382	\$34,382
Total 1920-1740, 1920-1743, 1163-1422	\$0	\$14,412,332	\$14,412,332

1/ As filed 09-03-13 in the Winter 2013-2014 Cost of Gas DG 13-251.

2/ Beg bal is the sum of the actual April 30, 2013 bal \$2,343,441 less the May 2013 billings of \$3,249,530, plus reverse of pr mo unbilled \$6,098,408 less audit adjustments of -\$62,208 & -\$10

3/ The 5/1/13 - 10/31/13 costs are per Schedule 1, page 1, of the Summer 2013 Reconciliation filed on February 28, 2014 in DG 13-085.

4/ The 5/1/13 - 10/31/13 costs are per Schedule 4, of the Summer 2013 Reconciliation filed on February 28, 2014 in DG 13-085.

5/ The 5/1/13 - 10/31/13 costs are per Schedule 1A, page 1.

6/ The 5/1/13 - 10/31/13 costs are per Schedule 5, of the Summer 2013 Reconciliation filed on February 28, 2014 in DG 13-085.

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
WINTER 2013-2014 COST OF GAS RESULTS
DG 13-251
SUMMARY OF DEMAND CHARGES FOR PERIOD
NOVEMBER 2013 THROUGH APRIL 2014

	<u>Filing</u>	<u>1/ Actual</u>	<u>Actual</u>	<u>Actual</u>	<u>Difference</u>
	<u>(a)</u>	<u>May 13 - Oct 13</u>	<u>Nov 13 - Apr 14</u>	<u>Total</u>	<u>(e)=(d)-(a)</u>
		<u>(b)</u>	<u>(c)</u>	<u>Peak Demand</u>	
				<u>(d)=(b)+(c)</u>	
<u>Supplies:</u>					
BP/Nexen					
ICE					
Subtotal Supply Demand Charges	\$6,369	\$0	\$10,800	\$10,800	\$4,431
<u>Pipelines:</u>					
Iroquois Gas Trans	\$160,191	\$0	\$154,427	\$154,427	(\$5,764)
TGP NET 33371	178,550	-	232,181	232,181	\$53,631
TGP FTA Z5-Z6 2302	139,359	-	149,377	149,377	\$10,018
TGP FTA Z0 - Z6 8587	3,121,464	-	2,568,279	2,568,279	(\$553,185)
TGP Dracut FTA Z6 - Z6 42076	586,152	-	521,110	521,110	(\$65,042)
TGP (Concord Lateral) Z6-Z6	4,089,120	1,682,857	1,933,632	3,616,489	(\$472,631)
Portland Natual Gas Pipeline	241,474	-	216,674	216,674	(\$24,800)
ANE (Uniongas and TransCanada)	317,817	-	35,157	35,157	(\$282,660)
TGP FTA 632	1,555,125	634,786	855,550	1,490,336	(\$64,789)
TGP FTA 11234	896,192	380,992	539,335	920,327	\$24,135
National Fuel	276,642	112,152	114,564	226,716	(\$49,926)
Subtotal Pipeline Demand Charges	\$11,562,086	\$2,810,787	\$7,320,286	\$10,131,073	(\$1,431,013)
<u>Peaking Supply</u>					
Granite Ridge					
NJR / BG Energy					
GD Suez (formerly, Distrigas, aka DOMAC)					
Repsol					
JP Morgan					
Subtotal Peaking Supply	\$700,000	(\$150,678)	\$260,000	\$109,322	(\$590,678)
<u>Propane</u>					
Energy North Propane	\$0	\$0	\$0	\$0	\$0
<u>Storage:</u>					
Demand & Capacity Charges	\$1,430,592	\$590,490	\$598,309	\$1,188,799	(\$241,793)
<u>Other:</u>					
Capacity Managed	(\$3,472,926)	(98,704)	(\$1,023,787)	(\$1,122,491)	\$2,350,436
Pipeline Refunds	\$0	\$0	\$0	\$0	\$0
Total Demand Charges (Forward to Page 4)	\$10,226,121	\$3,151,895	\$7,165,609	\$10,317,504	\$91,383

1/ Actual Peak Demand costs as filed in Schedule 2B of the Summer 2012 Cost of Gas Reconciliation, DG 12-067 filed March 1, 2013.

THIS PAGE HAS BEEN REDACTED

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
 D/B/A LIBERTY UTILITIES
 WINTER 2013-2014 COST OF GAS RESULTS
 DG 13-251
 SUMMARY OF COMMODITY COSTS FOR PERIOD
 NOVEMBER 2013 THROUGH APRIL 2014

	<u>Filing</u>	<u>Average Cost per Therm</u>	<u>Actual</u>	<u>Average Cost per Therm</u>	<u>Difference</u>	
Demand Charges (Brought from Page 3):	\$10,226,121		\$10,317,504		\$91,383	
<u>TGP Gulf Commodity</u>						
Therms						
Cost						
<u>Dracut Commodity</u>						
Therms						
Cost						
<u>PNGTS Commodity</u>						
Therms						
Cost						
<u>TGP/Iroquois Commodity</u>						
Therms						
Cost						
<u>TGP/Niagara Commodity</u>						
Therms						
Cost						
<u>City Gate Delivered Supply</u>						
Therms						
Cost						
<u>Storage Gas - Commodity Withdrawn</u>						
Therms						
Cost						
<u>Propane P/S Plant Commodity</u>						
Therms						
Cost						
<u>Propane Tank Farm Commodity</u>						
Therms						
Cost						
<u>LNG P/S Plant Commodity</u>						
Therms						
Cost						
<u>Hedging (Gains) Losses</u>						
<u>Other- Cashout, Broker Penalty, Canadian Managed, Non-Firm costs</u>						
Therms						
Cost						
Prior period Adj						
Subtotal:						
Volumes (net of fuel retention)	77,133,381		94,035,250		16,901,869	
Cost	\$ 52,414,463	0.6795	\$ 91,357,317	0.9715	\$ 38,942,854	0.2920
Total Demand and Commodity Costs	\$ 62,640,584		\$ 101,674,820		\$ 39,034,236	
Demand (therms):	77,133,381		94,035,250		16,901,869	
Firm Gas Sales	76,131,660		84,723,918		8,592,258	
Lost Gas (Unaccounted For)	384,847		1,090,809		705,962	
Unbilled Therms	(3,920)		7,755,067		7,758,987	
Fuel Retention	-		-		-	
Company Use	620,794		465,457		(155,337)	
Total Demand	77,133,381		94,035,250		16,901,869	

**LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
WINTER 2013-2014 COST OF GAS RESULTS
DG 13-251**

	(A) <u>Actual Volume</u>	(B) <u>Normal Volume</u>	(C) <u>Actual Rate</u>	(A-B)*C <u>Difference</u>
<u>Weather Variance - Volume Impact</u>				
TGP Gulf				
TGP/Iroquios				
TGP/Niagra				
PNGTS				
Dracut				
City Gate Delivered Supply				
DOMAC				
Storage gas - commodity withdrawn				
Propane				
LNG				
Total Volume Weather Variance	94,035,250	86,726,152		\$ 8,633,156

	(A) <u>Forecast Volume</u>	(B) <u>Actual Volume</u>	(C) <u>Forecast Rate</u>	(B-A)*C <u>Difference</u>
<u>Demand Variance - Commodity Costs</u>				
TGP Gulf				
TGP/Iroquios				
TGP/Niagra				
PNGTS Comodity				
City Gate Delivered Supply				
Dracut				
Storage Gas - Commodity Withdrawn				
Propane P/S Plant Commodity				
LNG P/S Plant Commodity				
Total Demand Variance (Less: Fuel Retention)	77,133,381	94,035,250		\$ (7,484,643)

Demand Variance Net of Weather Variance (16,117,798)

	(A) <u>Actual Volume</u>	(B) <u>Forecast Rate</u>	(C) <u>Actual Rate</u>	(C-B)*A <u>Difference</u>
<u>Rate Variance - Commodity Costs</u>				
TGP Gulf				
TGP/Iroquios				
TGP/Niagra				
PNGTS Comodity				
Dracut				
DOMAC				
Storage Gas - Commodity Withdrawn				
Propane P/S Plant Commodity				
LNG P/S Plant Commodity				
Total Commodity Cost Rate Variance	94,035,250			\$ 49,004,161

Demand Charge Variance (from page 3) 91,383

Other Rate Variance (from page 4)
Hedging (Gains)/Losses (1,747,078)
Cashout, Broker Penalty, Canadian Managed, Prior Period Adjustments (829,587)

Total Rate Variance \$ 46,518,879

Due to Weather Variance 8,633,156

Due to Demand Variance (from above) (16,117,798)

Total Gas Cost Variance \$ 39,034,236

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
WINTER 2013-2014 COST OF GAS RESULTS
DG 13-251

	<u>FILING</u>	<u>ACTUAL</u>
Cost of Propane	\$ 576,011	\$ 2,371,944
Cost of LNG	<u>1,073,448</u>	<u>4,177,403</u>
Total Costs	1,649,459	6,549,347
Percentage of Supplies Used For Pressure Support Purposes	<u>9.9%</u>	<u>9.9%</u>
Cost of Supplies Used For Pressure Support Purposes	<u>163,296</u>	<u>648,385</u>
Firm Therms Sold	75,425,285	84,723,918
Firm Therms Transported	<u>42,504,877</u>	<u>43,880,783</u>
Total Therms	117,930,162	128,604,701
Actual Liquid Cost/Therm	0.0014	0.0050
Firm Therms Transported	<u>42,504,877</u>	<u>43,880,783</u>
Liquid Costs Allocated to Transported Therms	58,856	221,233
Prior (Over) or under Collection	<u>33,351</u>	<u>33,351</u>
Total	<u>92,207</u>	<u>254,584</u>
Costs Recovered:		
Therms Transported	42,504,877	43,880,783
Recovery Rate	<u>0.0022</u>	<u>0.0022</u>
Costs Recovered	<u>92,207</u>	<u>95,192</u>
(Over) / Under Collection For Period	(0)	159,393

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
NOVEMBER 2013 THROUGH APRIL 2014
PEAK DEMAND AND COMMODITY
SCHEDULE 1
ACCOUNT 1920-1740

FOR THE MONTH OF: DAYS IN MONTH	Nov-13 30	Dec-13 31	Jan-14 31	Feb-14 28	Mar-14 31	Apr-14 30	May-14	Total
1 BEGINNING BALANCE	\$ 5,501,037	\$ 10,592,944	\$ 15,402,350	\$ 30,446,083	\$ 37,981,597	\$ 35,699,889	\$ 22,822,981	\$ 5,501,037
2								
3 Add: Actual Costs	6,520,818	15,425,928	31,446,508	24,782,971	15,698,828	4,647,872		98,522,925
4								
5 Add: FPO Admin Costs	47,935	-	-	-	-	-		47,935
6 Add: MISC OH	1,789	1,789	1,789	1,789	1,789	1,789		10,735
7 Add: Production and Storage	330,071	330,071	330,071	330,071	330,071	330,071		1,980,428
8 Add: Fuel Financing	-	-	-	-	-	-		-
9 Reverse Fuel Finance Estimate	-	-	-	-	-	-		-
10 Add new Fuel Finance Estimate	-	-	-	-	-	-		-
11								
12 Less: CUSTOMER BILLINGS	(1,782,227)	(10,832,370)	(16,706,893)	(17,302,180)	(18,033,274)	(17,789,355)	(7,838,752)	(90,285,051)
13 Estimated Unbilled	-	-	-	-	-	-		-
14 Reverse Prior Month Unbilled	-	-	-	-	-	-		-
15 Sub-Total Accrued Customer Billings	(1,782,227)	(10,832,370)	(16,706,893)	(17,302,180)	(18,033,274)	(17,789,355)	(7,838,752)	(90,285,051)
16								
17 Less: REFUND	(543)	-	-	-	-	-		(543)
18								
19 Less: Broker Revenues	(32,195)	(96,625)	(60,516)	(331,915)	(365,464)	(127,704)	-	(1,014,419)
20								
21 NON FIRM MARGIN AND CREDITS	(15,208)	(55,216)	(30,416)	(30,416)	(15,208)	(17,642)	-	(164,106)
22								
23 ENDING BALANCE PRE INTEREST	\$ 10,571,477	\$ 15,366,522	\$ 30,382,893	\$ 37,896,403	\$ 35,598,339	\$ 22,744,921	\$ 14,984,230	\$ 14,598,941
24								
25 MONTH'S AVERAGE BALANCE	8,036,257	12,979,733	22,892,621	34,171,243	36,789,968	29,222,405		
26								
27 INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%		
28								
29 INTEREST APPLIED	21,467	35,828	63,190	85,194	101,550	78,060		385,289
30								
31 ENDING BALANCE	\$ 10,592,944	\$ 15,402,350	\$ 30,446,083	\$ 37,981,597	\$ 35,699,889	\$ 22,822,981	\$ 14,984,230	\$ 14,984,230

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP

NOVEMBER 2013 THROUGH APRIL 2014
OFF PEAK DEMAND AND COMMODITY
SCHEDULE 1
ACCOUNT 1920-1741

FOR THE MONTH OF: DAYS IN MONTH		Nov-13 30	Dec-13 31	Jan-14 31	Feb-14 28	Mar-14 31	Apr-14 30	May-14	Total
1	BEGINNING BALANCE	\$ (440,205)	\$ (1,148,525)	\$ (1,151,695)	\$ (1,154,874)	\$ (1,157,753)	\$ (1,160,949)	\$ (1,164,050)	(440,205)
2									
3	Add:ACTUAL COST	-	-	-	-	-	-		\$ -
4									
5	Add: MISC OH & PROD and STOR	-	-	-	-	-	-		-
6									
7	Less: CUSTOMER BILLINGS	(2,492,244)	-	-	-	-	-	-	(2,492,244)
8	Estimated Unbilled		-	-	-	-	-		-
9	Reverse Prior Month Unbilled	1,786,043	-	-	-	-	-	-	1,786,043
10	Sub-Total Accrued Customer Billings	(706,201)	-	-	-	-	-	-	(706,201)
11									
12	Add: ADJUSTMENTS	-	-	-	-	-	-	-	-
13									
14	ENDING BALANCE PRE INTEREST	\$ (1,146,406)	\$ (1,148,525)	\$ (1,151,695)	\$ (1,154,874)	\$ (1,157,753)	\$ (1,160,949)	\$ (1,164,050)	\$ (1,146,406)
15									
16	MONTH'S AVERAGE BALANCE	(793,306)	(1,148,525)	(1,151,695)	(1,154,874)	(1,157,753)	(1,160,949)		
17									
18	INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%		
19									
20	INTEREST APPLIED	(2,119)	(3,170)	(3,179)	(2,879)	(3,196)	(3,101)		(17,644)
21									
22	ENDING BALANCE	\$ (1,148,525)	\$ (1,151,695)	\$ (1,154,874)	\$ (1,157,753)	\$ (1,160,949)	\$ (1,164,050)	\$ (1,164,050)	\$ (1,164,050)

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
MAY 2013 THROUGH OCTOBER 2013
PEAK BAD DEBT
SCHEDULE 1A
ACCOUNTS 1920-1743 and 1163-1754

	FOR THE MONTH OF: DAYS IN MONTH	May-13 31	Jun-13 30	Jul-13 31	Aug-13 31	Sep-13 30	Oct-13 31		Total
1	BEGINNING BALANCE	\$ 50,789	\$ 14,855	\$ (35,501)	\$ (37,141)	\$ (36,238)	\$ (27,553)		50,789
2									
3	Add: COST ALLOW	48,938	(1,495)	32,490	31,237	41,088	60,255		\$ 212,513
4									
5	Adjustment	-	-	-	-	-	-		-
6									
7	Less: CUSTOMER BILLINGS	(25,276)	(48,833)	(34,030)	(30,233)	(32,318)	(155,004)		(325,693)
8	Estimated Unbilled	-	-	-	-	-	-		-
9	Reverse Prior Month Unbilled	(59,687)	-	-	-	-	-		(59,687)
10	Sub-Total Accrued Customer Billings	(84,963)	(48,833)	(34,030)	(30,233)	(32,318)	(155,004)		(385,380)
11									
12	ENDING BALANCE PRE INTEREST	\$ 14,765	\$ (35,473)	\$ (37,041)	\$ (36,137)	\$ (27,468)	\$ (122,302)		\$ (122,078)
13									
14	MONTH'S AVERAGE BALANCE	32,777	(10,309)	(36,271)	(36,639)	(31,853)	(74,928)		
15									
16	INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%		
17									
18	INTEREST APPLIED	90	(28)	(100)	(101)	(85)	(207)		\$ (431)
19									
20	ENDING BALANCE	\$ 14,855	\$ (35,501)	\$ (37,141)	\$ (36,238)	\$ (27,553)	\$ (122,509)		\$ (122,509)

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP

NOVEMBER 2013 THROUGH APRIL 2014

PEAK BAD DEBT

SCHEDULE 1A

ACCOUNTS 1920-1743 and 1163-1754

	FOR THE MONTH OF: DAYS IN MONTH	Nov-13 30	Dec-13 31	Jan-14 31	Feb-14 28	Mar-14 31	Apr-14 30	May-14	Total
1	BEGINNING BALANCE	\$ (122,509)	\$ (74,761)	\$ (112,094)	\$ (68,789)	\$ (86,901)	\$ (190,324)	\$ (392,847)	(122,509)
2									
3	Add: COST ALLOW	85,163	187,771	373,487	296,360	191,393	63,456		\$ 1,197,629
4									
5	Adjustment	-	-	-	-	-	-	-	-
6									
7	Less: CUSTOMER BILLINGS	(37,152)	(224,846)	(329,932)	(314,279)	(294,433)	(265,201)	(119,010)	(1,584,854)
8	Estimated Unbilled	-	-	-	-	-	-	-	-
9	Reverse Prior Month Unbilled	-	-	-	-	-	-	-	-
10	Sub-Total Accrued Customer Billings	(37,152)	(224,846)	(329,932)	(314,279)	(294,433)	(265,201)	(119,010)	(1,584,854)
11									
12	ENDING BALANCE PRE INTEREST	\$ (74,498)	\$ (111,836)	\$ (68,540)	\$ (86,707)	\$ (189,942)	\$ (392,069)	\$ (511,858)	\$ (509,734)
13									
14	MONTH'S AVERAGE BALANCE	(98,504)	(93,299)	(90,317)	(77,748)	(138,422)	(291,197)		
15									
16	INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%		
17									
18	INTEREST APPLIED	(263)	(258)	(249)	(194)	(382)	(778)		\$ (2,124)
19									
20	ENDING BALANCE	\$ (74,761)	\$ (112,094)	\$ (68,789)	\$ (86,901)	\$ (190,324)	\$ (392,847)	\$ (511,858)	\$ (511,858)

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
NOVEMBER 2013 THROUGH APRIL 2014
GAS COSTS BY SOURCE
SCHEDULE 2A

FOR THE MONTH OF:	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Total
1 DEMAND							
2							
3 ALBERTA NORTHEAST							
4 BP/NORTHEAST GAS MARKETS							
5 CANADIAN CAPACITY MANAGED							
6 TOTAL CANADIAN DEMAND	\$ (116,505.97)	\$ (137,675.29)	\$ (176,167.13)	\$ (237,029.94)	\$ (318,040.20)	\$ (28,010.93)	\$ (1,013,429.46)
7							
8 PEAKING SUPPLY	(206,666.66)	(206,666.66)	(206,666.66)	(206,666.66)	(206,666.66)	(206,666.66)	(1,239,999.96)
9							
10 TRANSPORT CAPACITY	1,264,356.72	1,266,614.29	1,183,379.54	1,189,717.15	1,058,164.92	1,183,590.61	7,145,823.23
11 CAPACITY RELEASE ADJUSTMENT	15,208.00	55,216.00	30,416.00	30,416.00	15,208.00	17,641.73	164,105.73
12 TOTAL TRANSPORT	\$ 1,279,564.72	\$ 1,321,830.29	\$ 1,213,795.54	\$ 1,220,133.15	\$ 1,073,372.92	\$ 1,201,232.34	\$ 7,309,928.96
13							
14 STORAGE FIXED COSTS	99,659.21	100,127.27	99,700.98	99,700.98	99,560.41	99,560.41	598,309.26
15							
16 LNG	300,000.00	300,000.00	300,000.00	300,000.00	300,000.00	-	1,500,000.00
17							
18 PROPANE	-	-	-	-	-	-	-
19							
20 PIPELINE REFUNDS	-	-	-	-	-	-	-
21							
22 OTHER	1,800.00	1,800.00	1,800.00	1,800.00	1,800.00	1,800.00	10,800.00
23							
24							
25							
26 TOTAL DEMAND	\$ 1,357,851.30	\$ 1,379,415.61	\$ 1,232,462.73	\$ 1,177,937.53	\$ 950,026.47	\$ 1,067,915.16	\$ 7,165,608.80
27							
28 COMMODITY							
29							
30 ALBERTA NORTHEAST / BP							
31 ALBERTA NORTHEAST / Emera							
32 SHELL CANADA							
33 TOTAL CANADIAN COMMODITY							
34							
35 PIPELINE TRANSPORT							
36 DRACUT SUPPLY							
37 PNGTS							
38							
39 GAS SUPPLY							
40							
41 STORAGE							
42							
43 LNG							
44							
45 PROPANE							
46							
47 OTHER COST ADJUSTMENTS							
48 CANDIAN CAPACITY MANAGED							
49 SUPPLIER CASHOUT							
50 NET OTHER COST ADJUSTMENTS							
51							
52 SUBTOTAL COMMODITY COST	\$ 5,162,966.69	\$ 14,046,512.49	\$ 30,214,045.22	\$ 23,605,033.92	\$ 14,748,801.65	\$ 3,579,956.62	\$ 91,357,316.59
53							
54 OFF SYSTEM SALES COST							
55 OFF SYSTEM SALES COST - PPA							
56 NON-FIRM COST							
57							
58 TOTAL COMMODITY COST	\$ 5,162,966.69	\$ 14,046,512.49	\$ 30,214,045.22	\$ 23,605,033.92	\$ 14,748,801.65	\$ 3,579,956.62	\$ 91,357,316.59
59							
60							
61							
62							
63							
64							
65							
66							
67							
68 Total Peak Demand	\$ 1,357,851.30	\$ 1,379,415.61	\$ 1,232,462.73	\$ 1,177,937.53	\$ 950,026.47	\$ 1,067,915.16	\$ 7,165,608.80
69 Off-Peak Demand	-	-	-	-	-	-	-
70 Total Demand	\$ 1,357,851.30	\$ 1,379,415.61	\$ 1,232,462.73	\$ 1,177,937.53	\$ 950,026.47	\$ 1,067,915.16	\$ 7,165,608.80
71							
72 Total Peak Commodity	\$ 5,162,966.69	\$ 14,046,512.49	\$ 30,214,045.22	\$ 23,605,033.92	\$ 14,748,801.65	\$ 3,579,956.62	\$ 91,357,316.59
73 Off-Peak Commodity	-	-	-	-	-	-	-
74 Total Commodity	\$ 5,162,966.69	\$ 14,046,512.49	\$ 30,214,045.22	\$ 23,605,033.92	\$ 14,748,801.65	\$ 3,579,956.62	\$ 91,357,316.59
75							
76 Firm Sendout Costs	\$ 6,520,817.99	\$ 15,425,928.10	\$ 31,446,507.95	\$ 24,782,971.45	\$ 15,698,828.12	\$ 4,647,871.78	\$ 98,522,925.39

THIS PAGE HAS BEEN REDACTED

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
NOVEMBER 2013 THROUGH APRIL 2014
DETAIL GAS COSTS BY SOURCE
SCHEDULE 2B

REDACTED

FOR THE MONTH OF:	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Total
1 DEMAND							
2 <u>Supply</u>							
3 Alberta Northeast							
4 Northeast Gas Markets/BP							
5 Subtotal Canadian Supply	\$ 1,653.78	\$ 1,814.24	\$ 1,962.36	\$ 1,640.37	\$ 1,667.81	\$ 1,618.48	\$ 10,357.04
6 <u>Peaking Supply</u>							
7 Repsol							
8 Granite Ridge							
9 BG Energy							
10 NJR Energy							
11 Subtotal Peaking Supply	\$ (206,666.66)	\$ (206,666.66)	\$ (206,666.66)	\$ (206,666.66)	\$ (206,666.66)	\$ (206,666.66)	\$ (1,239,999.96)
12							
13 <u>Transport Capacity</u>							
14 Iroquois 470-01-RTS	\$ 20,934.57	\$ 26,698.46	\$ 26,698.46	\$ 26,698.46	\$ 26,698.46	\$ 26,698.46	\$ 154,426.87
15 National Fuel N02358	19,095.31	19,065.06	18,978.10	18,978.10	18,947.86	19,499.81	114,564.24
16 PNGTS FT-1999-001	40,245.60	15,445.60	40,245.60	40,245.60	40,245.60	40,245.60	216,673.60
17 Transcanada	-	-	-	-	-	-	-
18 TGP 632 FTA	126,898.72	131,899.06	125,296.59	132,865.53	139,029.01	123,521.07	779,509.98
19 TGP 2302 FTA Zone 5-6	24,986.15	25,257.16	25,105.43	24,354.89	25,054.85	24,618.90	149,377.38
20 TGP 8587 FTA	493,322.45	524,113.53	421,966.00	424,405.54	267,618.97	436,852.66	2,568,279.15
21 TGP 11234 FTA	84,470.45	80,889.19	81,824.54	79,861.92	83,071.41	65,951.93	476,069.44
22 TGP 33371 NET	40,093.33	40,429.65	40,429.65	39,292.33	40,399.30	31,536.45	232,180.71
23 TGP 72694 NET	316,914.14	320,628.58	320,647.17	320,826.78	319,703.46	334,911.46	1,933,631.59
24 TGP 42076 FTA	97,396.00	82,188.00	82,188.00	82,188.00	97,396.00	79,754.27	521,110.27
25 Union Gas	-	-	-	-	-	-	-
26 Subtotal Transport Capacity	\$ 1,264,356.72	\$ 1,266,614.29	\$ 1,183,379.54	\$ 1,189,717.15	\$ 1,058,164.92	\$ 1,183,590.61	\$ 7,145,823.23
27							
28 <u>Storage Fixed</u>							
29 Sempra	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30 Dominion 300076-Storage	2,058.02	2,664.75	2,650.91	2,650.91	2,647.47	2,647.47	15,319.53
31 NFG Deliverability FSS 2357	33,713.48	33,660.13	33,506.70	33,506.70	33,453.35	33,453.35	201,293.71
32 Tenn Reservation FSMA 523	55,143.32	55,058.00	54,798.98	54,798.98	54,715.20	54,715.20	329,229.68
33 Honeoye Storage SS-NY	8,744.39	8,744.39	8,744.39	8,744.39	8,744.39	8,744.39	52,466.34
34 Subtotal Storage	\$ 99,659.21	\$ 100,127.27	\$ 99,700.98	\$ 99,700.98	\$ 99,560.41	\$ 99,560.41	\$ 598,309.26
35							
36 LNG / DISTRIGAS							
37 LNG/ DISTRIGAS FLS160							
38 Transgas Trucking							
39 Subtotal DISTRIGAS	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ 300,000.00	\$ -	\$ 1,500,000.00
40							
41 <u>Propane</u>							
42 En Propane	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
43							
44 Intercontinental Exchange	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 1,800	\$ 10,800.00
45							
46 Capacity Managed - Canadian							
47							
48 PNGTS Refund per RP02-13							
49 TGP Pipeline Refund PK	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
50 TGP Pipeline Refund OP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
51 Demand Subtotal	\$ 1,342,643.30	\$ 1,324,199.61	\$ 1,202,046.73	\$ 1,147,521.53	\$ 934,818.47	\$ 1,050,273.43	\$ 7,001,503.07
52							
53 Capacity Release Adjustment							
54 PNGTS FT-1999-001							
55 TGP 72694 NET-NE							
56 TGP 42076 FTA							
57 Iroquois Gas Transmission System 470							
58 TGP FT-A 11234							
59 Total Capacity Release Adjustment							
60							
61 TOTAL DEMAND	\$ 1,357,851.30	\$ 1,379,415.61	\$ 1,232,462.73	\$ 1,177,937.53	\$ 950,026.47	\$ 1,067,915.16	\$ 7,165,608.80

THIS PAGE HAS BEEN REDACTED

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
NOVEMBER 2013 THROUGH APRIL 2014
DETAIL GAS COSTS BY SOURCE
SCHEDULE 2B

REDACTED

62 FOR THE MONTH OF:	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Total
63							
64 COMMODITY							
65							
66 Canadian Supply							
67 VPEM							
68 ANE Union/Dawn/Iroquois (BG)							
69 Shell Canada							
70 Subtotal Canadian Commodity							
71							
72 Pipeline Transport							
73 ANE Union/Dawn							
74							
75 Dominion							
76 El Paso							
77 Iroquois							
78 National Fuel							
79 PNGTS							
80 Subtotal TGP Transportation							
81 Total Transportation							
82							
83 City Gate Delivery							
84 VPEM							
85							
86 Dracut Supply (citygate)							
87							
88 PNGTS Supply							
89 Emera							
90 Shell							
91							
92 Subtotal PNGTS							
93							
94 Gas Supply							
95 Andarko							
96 J Aron							
97 BG Energy							
98 Barclay							
99 BP Energy							
100 Chevron							
101 Cheniere							
102 Conoco							
103 EServices							
104 StatOil							
105 EnCan							
106 Emera							
107 Gulf							
108 Hess							
109 L. Dreyfus							
110 Macquarie							
111 Merrill							
112 NJR Energy							
113 Repsol							
114 South Jersey							
115 Shell US							
116 Spark							
117 Tenaska							
118 Vitol							
119 VPEM							
120 United							
121 Total Other TGP Supply							
122							
123 Peaking Supply							
124 Granite Ridge (formerly AES)							
125							
126 NYMEX Hedging (Gains) Losses							
127							
128 STORAGE WITHDRAWALS							
129							
130 STORAGE INJECTIONS							
131							
132 DISTRIGAS (FLS187)							
133 LNG VAPOR							
134 LNG BOIL OFF							
135 Subtotal LNG							
136 PROPANE							
137 Country Gas							
138 Propane Storage Withdrawal							
139 Energy North Propane							
140 Subtotal Propane							
141							
142 Broker Cashout							
143 Other Taxes W. Virginia/ICE							
144 Subtotal Cashouts							
145							
146 Capacity Managed - Canadian							
147 Broker Inventory							
148 Subtotal Capacity Managed							
149							
150 TOTAL COMMODITY							
151							
152 Off System Gas Sales Cost							
153 Off System Sales Costs - PPA							
154 NON-FIRM COST							
155							
156 NET COMMODITY COST	\$ 5,162,966.69	\$ 14,046,512.49	\$ 30,214,045.22	\$ 23,605,033.92	\$ 14,748,801.65	\$ 3,579,956.62	\$ 91,357,316.59

THIS PAGE HAS BEEN REDACTED

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
NOVEMBER 2013 THROUGH APRIL 2014
DETAIL GAS COSTS BY SOURCE
SCHEDULE 2B

157	FOR THE MONTH OF:	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Total
158								
159	Peak Demand 1920-1740	\$ 1,357,851.30	\$ 1,379,415.61	\$ 1,232,462.73	\$ 1,177,937.53	\$ 950,026.47	\$ 1,067,915.16	\$ 7,165,608.80
160	Peak Commodity 1920-1740	5,162,966.69	14,046,512.49	30,214,045.22	23,605,033.92	14,748,801.65	3,579,956.62	91,357,316.59
161	Total Peak Gas Costs	\$ 6,520,817.99	\$ 15,425,928.10	\$ 31,446,507.95	\$ 24,782,971.45	\$ 15,698,828.12	\$ 4,647,871.78	\$ 98,522,925.39
162								
163	Off-Peak Demand 1920-1741 OP	-	-	-	-	-	-	-
164	Off-Peak Comm 1920-1741 OP	-	-	-	-	-	-	-
165	Total Off-Peak Gas Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
166								
167	Firm Sendout Costs	\$ 6,520,817.99	\$ 15,425,928.10	\$ 31,446,507.95	\$ 24,782,971.45	\$ 15,698,828.12	\$ 4,647,871.78	\$ 98,522,925.39

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
NOVEMBER 2013 THROUGH APRIL 2014
SCHEDULE 3
WINTER CGAC GAS REVENUES BILLED

FOR MONTH OF:		prior collections		Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	subsequent collection	Total
		OffPeak	Peak	Peak	Peak	Peak	Peak	Peak	Peak	Peak
1	VOLUMES BILLED									
2	RESIDENTIAL									
3	R-1	-	68,903	109,936	142,489	139,871	128,583	124,305	-	714,087
4	R-1 FPO	-	1,487	9,965	13,012	12,846	11,845	11,238	-	60,393
5	R-3	-	3,444,904	6,675,714	9,197,608	8,734,802	8,030,937	6,770,194	-	42,854,159
6	R-3 FPO	-	167,776	934,129	1,283,231	1,245,401	1,109,993	982,832	-	5,723,362
7	R-4	-	26,665	272,890	441,703	572,480	632,815	680,476	-	2,627,029
8	R-4 FPO	-	3,174	52,182	83,103	99,638	100,222	99,577	-	437,896
9	Total Residential	-	3,712,909	8,054,816	11,161,146	10,805,038	10,014,395	8,668,622	-	
10	COMMERCIAL/INDUSTRIAL									
11	G41 - G43	-	1,678,054	3,888,569	5,952,172	5,496,316	5,373,904	4,787,553	-	27,176,568
12	G41 - G43 (FPO)	-	23,949	183,100	270,425	279,342	250,071	232,816	-	1,239,703
13	Total G41- G43	-	1,702,003	4,071,669	6,222,597	5,775,658	5,623,975	5,020,369	-	
14	G51 - G63	-	368,790	569,460	673,920	688,521	612,339	845,274	-	3,758,304
15	G51 - G63 (FPO)	-	5,405	21,891	29,840	27,341	21,227	26,713	-	132,417
16	Total G51-G63	-	374,195	591,351	703,760	715,862	633,566	871,987	-	
17	Total Sales Volumes	-	5,789,107	12,717,836	18,087,503	17,296,558	16,271,936	14,560,978	-	84,723,918
18	TRANSPORTATION									
19	G41 - G43	-	2,116,369	4,064,127	5,305,709	5,271,149	4,837,495	4,146,128	-	25,740,977
20	G51 - G63	-	2,865,928	3,022,735	3,170,084	3,118,697	2,873,054	3,089,308	-	18,139,806
21	Total Transportation Volumes	0	4,982,297	7,086,862	8,475,793	8,389,846	7,710,549	7,235,436	0	43,880,783
22	Total Volumes	0	10,771,404	19,804,698	26,563,296	25,686,404	23,982,485	21,796,414	0	128,604,701
23										
34	REVENUES									
43	Winter Gas Cost Rev filed	\$ 94,421	\$ 1,782,227	\$ 10,832,370	\$ 16,706,893	\$ 17,302,180	\$ 18,033,274	\$ 17,789,355	\$ 7,838,752	\$ 90,379,472
51										
52	Winter Gas Costs Billed (Acct 1920-1740)	\$ 94,421	\$ 1,782,227	\$ 10,832,370	\$ 16,706,893	\$ 17,302,180	\$ 18,033,274	\$ 17,789,355	\$ 7,838,752	\$ 90,379,472
55										
56										
57	Total Sales COG Billed	\$ 94,421	\$ 1,782,227	\$ 10,832,370	\$ 16,706,893	\$ 17,302,180	\$ 18,033,274	\$ 17,789,355	\$ 7,838,752	\$ 90,379,472
58										
59	Plus: Working Capital Gas Cost Billed	-	2,398	14,742	21,612	20,582	19,263	17,361	7,586	103,544
60	Plus: Bad Debt Cost Billed	-	37,152	224,846	329,932	314,279	294,433	265,201	119,010	1,584,854
61	Plus: Broker Revenues	-	32,195	96,625	60,516	331,915	365,464	127,704	-	1,014,419
62										
63	Total Winter Gas Costs Billed	\$ 94,421	\$ 1,853,971	\$ 11,168,584	\$ 17,118,953	\$ 17,968,957	\$ 18,712,434	\$ 18,199,621	\$ 7,965,348	\$ 93,082,290

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
NOVEMBER 2013 THROUGH APRIL 2014
SCHEDULE 3A- CALCULATION OF UNBILLED GAS COSTS (ACCRUED COG)

FOR MONTH OF:		Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Total
1	Firm Gas Purchases		11,566,590	17,854,690	21,609,750	18,179,170	17,099,890	7,725,160	94,035,250
2	Firm Sales		5,789,107	12,717,836	18,087,503	17,296,558	16,271,936	14,560,978	84,723,918
3	Company Use		15,652	137,105	62,404	59,119	53,284	137,892	465,457
4	Unaccounted For %		1.16%	1.16%	1.16%	1.16%	1.16%	1.16%	
5	Unaccounted For Gas		134,172	207,114	250,673	210,878	198,359	89,612	1,090,809
6	COG Factor- Gas Cost Only		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
7	COG Factor- Bad Debt Factor		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
8	COG Factor- Working Capital Factor		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
9									
10	Unbilled Volume								
11	Beginning Bal		-	5,627,659	10,420,293	13,629,463	14,242,078	14,818,389	
12	Incremental Unbilled		5,627,659	4,792,635	3,209,170	612,615	576,311	(7,063,322)	
13	Ending Balance		-	5,627,659	10,420,293	13,629,463	14,242,078	14,818,389	7,755,067
14									
15	COG Factor- Gas Cost Only		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
16	Gross Unbilled Gas Cost	\$1,786,043	\$0	\$0	\$0	\$0	\$0	\$0	
17									
18	Monthly Incremental Gas Cost		(\$1,786,043)	\$0	\$0	\$0	\$0	\$0	
19									
20	COG Factor- Bad Debt Only		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
21	Gross Unbilled Bad Debt Cost	\$24,921	\$0	\$0	\$0	\$0	\$0	\$0	
22									
23	Monthly Incremental Bad Debt Cost		(\$24,921)	\$0	\$0	\$0	\$0	\$0	
24									
25	COG Factor- Working Capital Only		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	
26	Gross Unbilled Working Capital Cost	\$1,478	\$0	\$0	\$0	\$0	\$0	\$0	
27									
28	Monthly Incremental Working Capital Cost		(\$1,478)	\$0	\$0	\$0	\$0	\$0	

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
NOVEMBER 2013 THROUGH APRIL 2014
SCHEDULE 4 - NONFIRM MARGIN

FOR THE MONTH OF:		Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Total
1	INTERRUPTIBLE							
2								
3	280 DAY							
4								
5	OFF SYSTEM GAS SALES MARGIN							
6	PROPANE OFF SYSTEM SALES MARGIN							
7								
8	CAPACITY RELEASE CREDIT							
9								
10	TOTAL NON FIRM MARGIN AND CREDITS	\$ (15,208)	\$ (55,216)	\$ (30,416)	\$ (30,416)	\$ (15,208)	\$ (17,642)	\$ (164,106)

THIS PAGE HAS BEEN REDACTED

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
NOVEMBER 2013 THROUGH APRIL 2014
PEAK PERIOD WORKING CAPITAL
ACCOUNT 1163-1422
SCHEDULE 5

	FOR THE MONTH OF: DAYS IN MONTH:	Nov-13 30	Dec-13 31	Jan-14 31	Feb-14 28	Mar-14 31	Apr-14 30	May-14	Total
1	BEGINNING BALANCE	\$ 12,346	\$ 18,257	\$ 23,106	\$ 41,509	\$ 52,502	\$ 53,317	\$ 41,967	\$ 12,346
2									
3	Add: COST ALLOW	8,268	19,534	39,926	31,458	19,932	5,884		125,003
4									
5	Less: CUSTOMER BILLINGS	(2,398)	(14,742)	(21,612)	(20,582)	(19,263)	(17,361)	(7,586)	(103,544)
6	Estimated Unbilled	-	-	-	-	-	-	-	-
7	Reverse Prior Month Unbilled	-	-	-	-	-	-	-	-
8	Subtotal: Accrued Customer Billings	(2,398)	(14,742)	(21,612)	(20,582)	(19,263)	(17,361)	(7,586)	(103,544)
9									
10	Adjustment	-	-	-	-	-	-	-	-
11									
12	ENDING BALANCE PRE INTEREST	18,216	23,049	41,420	52,385	53,171	41,840	34,382	33,805
13									
14	MONTH'S AVERAGE BALANCE	15,281	20,653	32,263	46,947	52,837	47,579		
15									
16	INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%		
17	INTEREST APPLIED	41	57	89	117	146	127		577
18	ENDING BALANCE	\$ 18,257	\$ 23,106	\$ 41,509	\$ 52,502	\$ 53,317	\$ 41,967	\$ 34,382	\$ 34,382

ENERGY NORTH NATURAL GAS, INC

NOVEMBER 2013 THROUGH APRIL 2014
OFF PEAK WORKING CAPITAL
ACCOUNT 1163-1424
SCHEDULE 5

FOR THE MONTH OF:		Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Total
DAYS IN MONTH		30	31	31	28	31	30		
1	BEGINNING BALANCE	\$ 45	\$ (555)	\$ (557)	\$ (559)	\$ (560)	\$ (562)	\$ (564)	45
2									
3	Add: ACTUAL COST	-	-	-	-	-	-	-	\$ -
4									0
5	Less: CUSTOMER BILLINGS	(2,640)	-	-	-	-	-	-	(2,640)
6	Estimated Unbilled	-	-	-	-	-	-	-	-
7	Reverse Prior Month Unbilled	2,041	-	-	-	-	-	-	2,041
8	Subtotal: Accrued Customer Billings	(599)	-	-	-	-	-	-	(599)
9									
10	ENDING BALANCE PRE INTEREST	(554)	(555)	(557)	(559)	(560)	(562)	(564)	(554)
11									
12	MONTH'S AVERAGE BALANCE	(255)	(555)	(557)	(559)	(560)	(562)		
13									
14	INTEREST RATE	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%		
15	INTEREST APPLIED	(1)	(2)	(2)	(1)	(2)	(2)		(10)
16	ENDING BALANCE	\$ (555)	\$ (557)	\$ (559)	\$ (560)	\$ (562)	\$ (564)	\$ (564)	\$ (564)

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
NOVEMBER 2013 THROUGH APRIL 2014
SCHEDULE 6
WINTER BAD DEBT AND WORKING CAPITAL COSTS

FOR MONTH OF:	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	Total
1 Demand	\$ 1,342,643	\$ 1,324,200	\$ 1,202,047	\$ 1,147,522	\$ 934,818	\$ 1,050,273	\$ 7,001,503
2 Commodity	5,162,967	14,046,512	30,214,045	23,605,034	14,748,802	3,579,957	91,357,317
3 Total Gas Costs	<u>\$ 6,505,610</u>	<u>\$ 15,370,712</u>	<u>\$ 31,416,092</u>	<u>\$ 24,752,555</u>	<u>\$ 15,683,620</u>	<u>\$ 4,630,230</u>	<u>\$ 98,358,820</u>
4							
5 Lead Lag Days	0.0391	0.0391	0.0391	0.0391	0.0391	0.0391	
6 Prime Rate	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	
7							
8 Working Capital Rate 1/	<u>0.00127</u>	<u>0.00127</u>	<u>0.00127</u>	<u>0.00127</u>	<u>0.00127</u>	<u>0.00127</u>	
9							
10 Total Working Capital Costs	<u>\$ 8,268</u>	<u>\$ 19,534</u>	<u>\$ 39,926</u>	<u>\$ 31,458</u>	<u>\$ 19,932</u>	<u>\$ 5,884</u>	<u>\$ 125,003</u>
11							
12 Prior Period Undercollection	<u>853,299</u>	<u>853,299</u>	<u>853,299</u>	<u>853,299</u>	<u>853,299</u>	<u>853,299</u>	<u>5,119,793</u>
13							
14 Subtotal Gas Costs, Working Capital & Under Collection	7,367,177	16,243,545	32,309,317	25,637,312	16,556,851	5,489,413	103,603,615
15							
16 Bad Debt Rate 1/	<u>0.0116</u>	<u>0.0116</u>	<u>0.0116</u>	<u>0.0116</u>	<u>0.0116</u>	<u>0.0116</u>	
17							
18 Total Bad Debt Cost	<u>\$ 85,163</u>	<u>\$ 187,771</u>	<u>\$ 373,487</u>	<u>\$ 296,360</u>	<u>\$ 191,393</u>	<u>\$ 63,456</u>	<u>\$ 1,197,629</u>

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
NOVEMBER 2013 THROUGH APRIL 2014
SCHEDULE 6
SUMMER BAD DEBT AND WORKING CAPITAL COSTS

FOR MONTH OF:	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Total
1 Demand	\$ 1,026,824	\$ (132,814)	\$ 914,092	\$ 889,206	\$ 1,181,310	\$ 1,285,245	\$ 5,163,863
2 Commodity	<u>1,432,978</u>	<u>48,732</u>	<u>716,061</u>	<u>677,716</u>	<u>882,526</u>	<u>1,745,372</u>	<u>5,503,385</u>
3 Total Gas Costs	\$ 2,459,802	\$ (84,082)	\$ 1,630,153	\$ 1,566,922	\$ 2,063,836	\$ 3,030,617	\$ 10,667,248
4							
5 Lead Lag Days	0.0391	0.0391	0.0391	0.0391	0.0391	0.0391	
6 Prime Rate	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	
7							
8 Working Capital Rate 1/	<u>0.00127</u>	<u>0.00127</u>	<u>0.00127</u>	<u>0.00127</u>	<u>0.00127</u>	<u>0.00127</u>	
9							
10 Total Working Capital Costs	\$ 3,126	\$ (107)	\$ 2,072	\$ 1,991	\$ 2,623	\$ 3,852	\$ 13,557
11							
12 Prior Period Undercollection	<u>8,694</u>	<u>8,694</u>	<u>8,694</u>	<u>8,694</u>	<u>8,694</u>	<u>8,694</u>	<u>52,165</u>
13							
14 Subtotal Gas Costs, Working Capital & Under Collection	2,471,622	(75,495)	1,640,919	1,577,608	2,075,153	3,043,163	10,732,970
15							
16 Bad Debt Rate 1/	<u>0.0198</u>	<u>0.0198</u>	<u>0.0198</u>	<u>0.0198</u>	<u>0.0198</u>	<u>0.0198</u>	
17							
18 Total Bad Debt Cost	\$ 48,938	\$ (1,495)	\$ 32,490	\$ 31,237	\$ 41,088	\$ 60,255	\$ 212,513

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
NOVEMBER 2013 THROUGH APRIL 2014
SCHEDULE 7
WORKING CAPITAL & BAD DEBT COLLECTED

FOR MONTH OF:		Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Total
17									
18	WORKING CAPITAL RATES	\$ 0.0012	\$ 0.0012	\$ 0.0012	\$ 0.0012	\$ 0.0012	\$ 0.0012	\$ 0.0012	
25									
34	WORKING CAPITAL COLLECTED	\$ 2,397.94	\$ 14,742.30	\$ 21,611.99	\$ 20,581.70	\$ 19,262.92	\$ 17,361.29	\$ 7,585.75	\$ 103,543.89
35									
36	BAD DEBT RATES	\$ 0.0183	\$ 0.0183	\$ 0.0183	\$ 0.0183	\$ 0.0183	\$ 0.0183	\$ 0.0183	
43									
52	BAD DEBTS COLLECTED	\$ 37,151.63	\$ 224,845.97	\$ 329,932.33	\$ 314,279.00	\$ 294,433.43	\$ 265,201.35	\$ 119,010.39	\$ 1,584,854.10

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
NOVEMBER 2013 THROUGH APRIL 2014
COMMODITY AND RELATED VOLUMES
SCHEDULE 8

REDACTED

FOR THE MONTH OF:	Nov-13		Dec-13		Jan-14		Feb-14		Mar-14		Apr-14		Total	
	Dollar	Volume Dkt	Dollar	Volume Dkt	Dollar	Volume Dkt	Dollar	Volume Dkt	Dollar	Volume Dkt	Dollar	Volume Dkt	Dollar	Volume Dkt
TENNESSEE COMMODITY														
1 Gas Supply														
2 Off System Sales Gas Costs														
3 Pipeline Transport														
4 Storage Injections														
5 TOTAL TENNESSEE														
6														
7														
8														
9 City Gate Supply														
10														
11 Dracut Supply														
12														
13														
CANADIAN COMMODITY														
14 PNGTS Supply														
15														
16 TOTAL PNGTS														
17														
18 BP														
19 SJR														
20 Hess														
21 TOTAL TGP/Niagara														
22														
23 ANE Dawn-Iroquois														
24 ANE Union/Transgas Transportation														
25 TOTAL TGP/Iroquois Commodity														
26														
27														
LNG														
28														
29 Distrigas (FCS 064)														
30														
31 LNG Vapor - P/S Plant														
32 LNG Injections														
33 Subtotal LNG														
34														
35														
Propane														
36														
37 Off System Sales														
38 Propane Sendout - P/S Plant														
39 EN Propane - Tank Farm														
40 Total Propane														
41														
42														
43 Storage Withdrawals														
44														
45														
46 Hedging (Gains) Loses														
47														
48 Supplier Cashouts														
49														
50 Capacity Managed - Canadian														
51														
52 Taxes														
53														
54 Non-Firm Costs														
55														
56														
57 NET COMMODITY COST	\$ 5,162,967	1,156,659	\$ 14,046,512	1,785,469	\$ 30,214,045	2,160,975	\$ 23,605,034	1,817,917	\$ 14,748,802	1,709,989	\$ 3,579,957	772,516	\$ 91,357,317	9,403,525

THIS PAGE HAS BEEN REDACTED

LIBERTY UTILITIES (ENERGY NORTH NATURAL GAS) CORP
D/B/A LIBERTY UTILITIES
NOVEMBER 2013 THROUGH APRIL 2014
MONTHLY PRIME RATES
SCHEDULE 9

MONTH	DATES	PRIME RATE	DAYS IN MONTH	WEIGHTED RATE
Nov-13	11/01 - 11/30	3.25%	30	3.2500%
Dec-13	12/01 - 012/31	3.25%	31	3.2500%
Jan-14	01/01 - 01/31	3.25%	31	3.2500%
Feb-14	02/01 - 02/28	3.25%	28	3.2500%
Mar-14	03/01 - 03/31	3.25%	31	3.2500%
Apr-14	04/01 - 04/30	3.25%	30	3.2500%