#### CHECK SHEET

The title page and pages 1-94 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

Page	Revision
Title	Original
1	Twelfth Revised
2	First Revised
3	Twelfth Revised
4	Original
5	Second Revised
6	Original
7	Original
8	Original
9	Original
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11	Original
12	Original
13	Original
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24	Original
25	Original
26	Original
27	Original
28	Original
29	Original
30	Original

Dated: November 8, 2013 Effective: November 1, 2013

Issued by: /s/ Victor D. Del Vecchio

Victor D. Del Vecchio

Title: President

#### CHECK SHEET (Cont'd)

The title page and pages 1-94 inclusive of this tariff are effective as of the date shown on the individual tariff pages.

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72	Original
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74	Original
75	Original
76	Twelfth Revised
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79	Original
80	Original
81	Original
82	Original
83	Original
84	Original
85	Original
86	Third Revised
87	Eleventh Revised
88	Second Revised
89	Second Revised
90	Original
91	Second Revised
92	Second Revised
93	Original
94	Second Revised

Dated: November 8, 2013 Effective: November 1, 2013 Issued by: /s/ Victor D. Del Vecchio
Victor D. Del Vecchio

Title: President

#### CHECK SHEET (Cont'd)

The title page and pages 1- inclusive of this tariff are effective as of the date shown on the individual tariff pages.

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146	Original
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151	Original
152	Original
153	Original
154	Original
155	Second Revised
156	Second Revised

Dated: November 8, 2013 Effective: November 1, 2013 Issued by: /s/ Victor D. Del Vecchio
Victor D. Del Vecchio

Title:

President

#### II RATE SCHEDULES FIRM RATE SCHEDULES

	Winter Period				Summer Period						
		livery harge	Cost of Gas Rate Page 87	LDAC Page 94	Total Rate		elivery harge	G	Cost of as Rate age 87	LDAC Page 94	Total <u>Rate</u>
Residential Non Heating - R-1 Customer Charge per Month per Meter All therms	\$	\$12.03 0.1589	\$ 0.8895	\$ 0.0290	\$ 12.03 \$ 1.0774	\$	12.03 0.1589	\$	0.6640	\$ 0.0258	\$ 12.03 \$ 0.8487
Residential Heating - R-3 Customer Charge per Month per Meter Size of the first block		\$17.40 0 therms			\$ 17.40	\$ 2	17.40 therms				\$ 17.40
Therms in the first block per month at All therms over the first block per month at	\$ \$		\$ 0.8895 \$ 0.8895		\$ 1.1937 \$ 1.1459	\$ \$	0.2752 0.2274	\$ \$	0.6640 0.6640	\$ 0.0258 \$ 0.0258	\$ 0.9650 \$ 0.9172
Residential Heating - R-4 Customer Charge per Month per Meter Size of the first block	108	\$6.96 0 thems			\$ 6.96	\$	6.96 0 therms				\$ 6.96
Therms in the first block per month at All therms over the first block per month at	\$	0,1101	\$ 0.8895 \$ 0.8895		\$ 1.0286 \$ 1.0095	\$ \$	0.1101 0.0910	\$ \$	0.6640 0.6640	\$ 0.0258 \$ 0.0258	\$ 0.7999 \$ 0.7808
Commercial/Industrial - G-41 Customer Charge per Month per Meter Size of the first block	100	\$40.94 0 therms			\$ 40.94	\$	40,94 0 therms				\$ 40.94
Therms in the first block per month at All therms over the first block per month at	\$	0.3267 0.2125	\$ 0.8908 \$ 0.8908	\$ 0.0357 \$ 0.0357	\$ 1.2532 \$ 1.1390	\$ \$	0.3267 0.2125	\$ \$	0.6667 0.6667	\$ 0.0187 \$ 0.0187	\$ 1.0121 \$ 0.8979
Commercial/Industrial - G-42 Customer Charge per Month per Meter Size of the first block		\$122.81 0 therms			\$ 122.81	\$ 4(	122.81 0 thems				\$ 122.81
Therms in the first block per month at All therms over the first block per month at	\$ \$	0.3053 0.2017		\$ 0.0357 \$ 0.0357	\$ 1.2318 \$ 1.1282	\$ \$	0.3053 0.2017	\$ \$		\$ 0.0187 \$ 0.0187	\$ 0.9907 \$ 0.8871
Commercial/Industrial - G-43 Customer Charge per Month per Meter All therms over the first block per month at		\$527.08 0.1875	\$ 0.8908	\$ 0.0357	\$ 527.08 \$ 1.1140	\$ \$	527.08 0.0858	\$	0.6667	\$ 0.0187	\$ 527.08 \$ 0.7712
Commercial/Industrial - G-51 Customer Charge per Month per Meter Size of the first block	10	\$40.94 0 therms			\$ 40.94	\$ 10	40.94 00 therms				\$ 40.94
Therms in the first block per month at All therms over the first block per month at	\$	0.1748	\$ 0.8807 \$ 0.8807	\$ 0.0357 \$ 0.0357	\$ 1.0912 \$ 1.0293	\$ \$	0.1748 0.1129	\$ \$	0.6569 0.6569	\$ 0.0187 \$ 0.0187	\$ 0.8504 \$ 0.7885
Commercial/Industrial - G-52 Customer Charge per Month per Meter Size of the first block		\$122.81 0 therms			\$ 122.81	\$ 100	122,81 00 therms				\$ 122.81
Therms in the first block per month at All therms over the first block per month at	5	0.1691	\$ 0.8807	\$ 0.0357 \$ 0.0357		\$ \$	0.1242 0.0715			\$ 0.0187 \$ 0.0187	
Commercial/Industrial - G-53 Customer Charge per Month per Meter All therms over the first block per month at		\$542.43 0.1207	\$ 0.8807	\$ 0.0357	\$ 542,43 \$ 1.0371	\$ \$	542.43 0.0577	\$	0.6569	\$ <b>0</b> .0187	\$ 542.43 \$ 0.7333
Commercial/Industrial - G-54 Customer Charge per Month per Meter All therms over the first block per month at		\$542.43 0.0417	\$ 0.8807	\$ 0.0357	\$ 542.43 \$ 0.9581	\$ \$	542.43 0.0225	\$	0.6569	\$ 0.0187	\$ 542.43 \$ 0.6981

Issued by: <u>/s/ Victor D. Del Vecchio</u> Victor D. Del Vecchio

Title: President

Dated: November 8, 2013 Effective: November 1, 2013

#### Anticipated Cost of Gas

### PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2013 THROUGH APRIL 30, 2014 (REFER TO TEXT ON IN SECTION 15 COST OF GAS CLAUSE)

(Col 1)		(Col 2)		(Col 3)
ANTICIPATED DIRECT COST OF GAS				
Purchased Gas: Demand Costs:	5	0.477.064		
Supply Costs:	Þ	9,177,351 40,933,156		
,,,=====		,,		
Storage Gas:	_			
Demand, Capacity: Commodity Costs:	\$	1,048,770		
Commodity Costs.		9,264,012		
Produced Gas:		1,649,458		
Hedged Contract (Saving)/Loss		567,867		
Hedge Underground Storage Contract (Saving)/Loss		-		
Unadjusted Anticipated Cost of Gas			\$	62,640,614
Adjustments:				
Prior Period (Over)/Under Recovery (as of 05/01/13)	\$	5,118,679		
Interest Prior Period Adjustments		122,093		
Broker Revenues		(773,129)		
Refunds from Suppliers		-		
Fuel Financing		-		
Transportation CGA Revenues		(93,511)		
Interruptible Sales Margin		- (2.040.000)		
Capacity Release and Off System Sales Margins Hedging Costs		(3,018,069) 197,835		
Fixed Price Option Administrative Costs		45,056		
Total Adjustments	_		·	1,598,954
Taral Barris A. A. Briston de A. F.Co.				0. 500 F07
Total Anticipated Direct Cost of Gas			\$	64,239,567
Anticipated Indirect Cost of Gas				
Anticipated Indirect Cost of Gas Working Capital:				
Anticipated Indirect Cost of Gas  Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14	\$	62,64D,614		
Working Capital:	\$	62,640,614 0 0391		
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate	\$	0 0391 3.25%		
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage		0 0391 3.25% <u>0.127%</u>		
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate	\$ \$	0 0391 3.25%		
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital		0 0391 3.25% <u>0.127%</u>		
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage		0 0391 3.25% <u>0.127%</u> 79,609		90,856
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Plus: Working Capital Reconciliation (Acct 142.20)		0 0391 3.25% <u>0.127%</u> 79,609		90,856
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Plus: Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance	<b>s</b>	0 0391 3.25% 0.127% 79,609 11,247		90,856
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate; Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Plus: Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14		0 0391 3.25% <u>0.127%</u> 79,609		90,856
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds	<b>s</b>	0 0391 3.25% 0.127% 79,609 11,247		90,856
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate; Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Plus: Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14	<b>s</b>	0 0391 3.25% 0.127% 79,609 11,247		90,856
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds Plus: Total Working Capital	<b>s</b>	0 0391 3.25% 0.127% 79,609 11,247 62,540,614 90,656		90,856
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate; Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Plus: Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds Plus: Total Working Capital Plus: Prior Period (Over)/Under Recovery Subtotal	\$	0 0391 3.25% 0.127% 79,609 11,247 62,640,614 90,856 5,118,679 67,350,149		90,856
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds Plus: Total Working Capital Plus: Prior Period (Over)/Under Recovery Subtotal  Bad Debt Percentage	\$ \$	0 0391 3.25% 0.127% 79,609 11,247 62,540,614 90,856 5,118,679 67,850,149 1 98%		90,856
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds Plus: Prior Period (Over)/Under Recovery Subtotal  Bad Debt Percentage Bad Debt Allowance	\$	0 0391 3.25% 0.127% 79,609 11,247 62,640,614 90,656 5,118,679 67,850,149 1.343,433		90,856
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds Plus: Total Working Capital Plus: Prior Period (Over)/Under Recovery Subtotat  Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.52)	\$ \$	0 0391 3.25% 0.127% 79,609 11,247 62,540,614 90,856 5,118,679 67,850,149 1 98%		
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds Plus: Prior Period (Over)/Under Recovery Subtotal  Bad Debt Percentage Bad Debt Allowance	\$ \$	0 0391 3.25% 0.127% 79,609 11,247 62,640,614 90,656 5,118,679 67,850,149 1.343,433	\$	90,856 1,394,222
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds Plus: Prior Period (Over)/Under Recovery Subtotal  Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.52) Total Bad Debt Allowance	\$ \$	0 0391 3.25% 0.127% 79,609 11,247 62,640,614 90,656 5,118,679 67,850,149 1.343,433	\$	1,394,222
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds Plus: Total Working Capital Plus: Prior Period (Over)/Under Recovery Subtotat  Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.52)	\$ \$	0 0391 3.25% 0.127% 79,609 11,247 62,640,614 90,656 5,118,679 67,850,149 1.343,433		
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate; Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds Plus: Total Working Capital Plus: Prior Period (Over)/Under Recovery Subtotat  Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.52) Total Bad Debt Allowance  Production and Storage Capacity  Miscelianeous Overhead (11/01/13 - 04/30/14)	\$ \$	0 0391 3.25% 0.127% 79,609 11,247 62,640,614 90,656 5,118,679 67,850,149 1,343,433 50,769	\$	1,394,222
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds Plus: Prior Period (Over)/Under Recovery Subtotal  Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Allowance Plus: Bad Debt Allowance Plus: Bad Debt Allowance Production and Storage Capacity  Misceltaneous Overhead (11/01/13 - 04/30/14) Times Winter Sales	\$ \$	0 0391 3.25% 0.127% 79,609 11,247 62,540,614 90,856 5,118,579 67,850,149 1,343,433 50,789	\$	1,394,222
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds Plus: Prior Period (Over)/Under Recovery Subtotal  Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.52) Total Bad Debt Allowance  Production and Storage Capacity  Miscellaneous Overhead (11/01/13 - 04/30/14) Times Winter Sales Divided by Total Sales	\$ \$	0 0391 3.25% 0.127% 79,609 11,247 62,640,614 90,656 5,118,679 67,850,149 1,343,433 50,769	\$	1,394,222 1,980,428
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds Plus: Prior Period (Over)/Under Recovery Subtotal  Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.52) Total Bad Debt Allowance  Production and Storage Capacity  Miscellaneous Overhead (11/01/13 - 04/30/14) Times Winter Sales Divided by Total Sales Miscellaneous Overhead	\$ \$	0 0391 3.25% 0.127% 79,609 11,247 62,540,614 90,856 5,118,579 67,850,149 1,343,433 50,789	\$	1,394,222 1,980,428 10,369
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds Plus: Prior Period (Over)/Under Recovery Subtotal  Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.52) Total Bad Debt Allowance  Production and Storage Capacity  Miscellaneous Overhead (11/01/13 - 04/30/14) Times Winter Sales Divided by Total Sales	\$ \$	0 0391 3.25% 0.127% 79,609 11,247 62,540,614 90,856 5,118,579 67,850,149 1,343,433 50,789	\$	1,394,222 1,980,428
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds Plus: Prior Period (Over)/Under Recovery Subtotal  Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.52) Total Bad Debt Allowance  Production and Storage Capacity  Miscellaneous Overhead (11/01/13 - 04/30/14) Times Winter Sales Divided by Total Sales Miscellaneous Overhead	\$ \$	0 0391 3.25% 0.127% 79,609 11,247 62,540,614 90,856 5,118,579 67,850,149 1,343,433 50,789	\$	1,394,222 1,980,428 10,369
Working Capital: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Working Capital Rate: Lead Lag Days / 365 Prime Rate Working Capital Percentage Working Capital Percentage Working Capital Reconciliation (Acct 142.20) Total Working Capital Allowance  Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/13 - 04/30/14 Less: Refunds Plus: Total Working Capital Plus: Prior Period (Over)/Under Recovery Subtotat  Bad Debt Percentage Bad Debt Allowance Plus: Bad Debt Reconciliation (Acct 175.52) Total Bad Debt Allowance  Production and Storage Capacity  Miscellaneous Overhead (11/01/13 - 04/30/14) Times Winter Sales Divided by Total Sales Miscellaneous Overhead Total Anticipated Indirect Cost of Gas	\$ \$	0 0391 3.25% 0.127% 79,609 11,247 62,540,614 90,856 5,118,579 67,850,149 1,343,433 50,789	\$ \$	1,394,222 1,980,428 10,369 3,475,875

Effective: November 1, 2013

Issued by: /s/ Victor D. Del Vecchio Victor D. Del Vecchio

Title: President

### CALCULATION OF FIRM SALES COST OF GAS RATE PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2013 THROUGH APRIL 30, 2014 (Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)			(Cal 2)	4	(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/13 - 04/30/14) Direct Cost of Gas Rate		\$	64,239,567 76,131,660	s	0.8438	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Total Direct Cost of Gas Rate		\$ 	10,226,121 52,414,493 1,598,954 64,239,567	\$ \$ \$	0.1343 0.6885 0.0210	per therm per therm per therm per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/13 - 04/30/14) Indirect Cost of Gas		.\$	3,475,875 76,131,660	\$	0.0457	per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/13				\$	0.8895	per therm
		COG		\$	0.8895	/therm
RESIDENTIAL COST OF GAS RATE - 11/01/13	<u> </u>	000	wr			
RESIDENTIAL COST OF GAS RATE - 11/01/13  COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/13		Maximum (COG	3 + 25%)	\$	1.1119 0.8807	/therm
	\$ 0.1343 0.9336 1.0006 \$ 0.1255 \$ 0.6885 \$ 0.0210 \$ 0.0457 \$ 0.8807	Maximum (COG	5 + 25%) Wl	\$		/therm

Average Demand Cost of Gas Rate Effective 11/01/13 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate	\$ 0.1343 1.0087 1.0006 \$ 0.1356	Maximum (COG + 25%)	\$ 1.1135
Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ 0.6885 \$ 0.0210 \$ 0.0457 \$ 0.8908		

Dated:

November 8, 2013

Effective: November 1, 2013

Issued by: /s/ Victor D. Del Vecchio

Victor D. Del Vecchio

Title:

President

# II. RATE SCHEDULES CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2013 THROUGH APRIL 30, 2014 (Refer to Text in Section 17(A) Fixed Price Option Program)

	·		•		J ,			
(Col 1)	)				(Col 2)		(Col 3)	
Total Anticipated Direct	Cast of Gas				64,239,56	<b>:7</b>		
Projected Prorated Sales				Ψ	76,131,66			
Direct Cost of Gas Rate	•				70,101,00	\$	0.8438	pertherm
								•
Demand Cost of Gas R				\$	10, 226, 12			per therm
Commodity Cost of Ga					52,414,49			per therm
Adjustment Cost of Ga					1,598,95	<u> </u>		per therm
Total Direct Cost of Ga	is Rate			\$	64,239,56	57 \$	0.8438	pertherm
Total Anticipated Indirect	t Cost of Gas			\$	3,475,87	75		
Projected Prorated Sales	s (11/01/13 - 04/30/14)				76,131,66			
Indirect Cost of Gas						\$	0.0457	per therm
TOTAL PERIOD AVER	AGE COST OF GAS EFFECTIVE (11/01/13)	,				\$	0.8895	
FPO Risk Premium	AGE COST OF GAS EITEONIVE (11/01/15)	•				\$	0.0200	
	PRICE OPTION COST OF GAS RATE EFF	ECTI	VE (11/01/13)			\$	0.9095	
						· · · · ·		
RESIDENTIAL COST O	F GAS RATE - 11/01/13	···		CC	OGwr	\$	0.9095	/therm
COM/IND LOW WINTER	RUSE COST OF GAS RATE - 11/01/13			CC	)GwI	\$	0.9007	/therm
A	and Cook of Con Date Effects - 444/04/40	т.	0.4242					
_	rand Cost of Gas Rate Effective (11/01/13)  Vinter Use Ratio (Winter)	\$ \$	0.1343 0.9336					
Times: Corre	•	Φ	1,0006					
,,	nand Cost of Gas Rate	s	0.1255					
Adjusted Del	Halid Cost of Gas Nate	<u>.</u>	0,1235					
Commodity (	Cost of Gas Rate	\$	0.6885					
	Cost of Gas Rate	\$	0.0210					
Indirect Cost		\$	0.0457					
Adjusted Cor	n/Ind Low Winter Use Cost of Gas Rate	\$	0.8807					
FPO Risk Pre	emium	\$	0.0200					
		\$	0.9007					
					_			
COM/IND HIGH WINTE	R USE COST OF GAS RATE -11/01/13			CC	)Gwh	\$	0.9108	therm
Auerane Dem	and Cost of Gas Rate Effective (11/01/13)	\$	0.1343					
	Winter Use Ratio (Winter)	Š	1.0087					
Times: Corre		-	1.0006					
Adjusted Den	nand Cost of Gas Rate	\$	0.1356					
,		_	a noad					
	Cost of Gas Rate	\$	0.6885					
Adjustment C Indirect Cost	Cost of Gas Rate	\$	.0.0210 0.0457					
		<u>S</u>						
Adjusted Con	n/Ind Low Winter Use Cost of Gas Rate	\$	0,8908					
FPO Risk Pro	emium	\$	0.0200					
		s	0.9108					
Dated: Novemb	er 8, 2013					Issue	ed by: /s	s/Victor D. Del V
	er 1, 2013						, _	Victor D. Del Ve
						Title	·-	President
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#### II. RATE SCHEDULES

## Calculation of Firm Transportation Cost of Gas Rate PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2013 THROUGH APRIL 30, 2014 (Refer to text in Section 16(Q) Firm Transportation Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)	(Col 4)
ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES:			
PROPANE	\$ 576,011		
LNG	1,073,448		
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	1,649,458 <u>9.9%</u> \$ 163,296		
PROJECTED FIRM THROUGHPUT (THERMS): FIRM SALES FIRM TRANSPORTATION SUBJECT TO FTCG TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	75,425,265 42,504,877 117,930,142	64.0% <u>36.0%</u> 100.0%	
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	36.0%	x \$163,296	= \$ 58,856
PRIOR (OVER) OR UNDER COLLECTION			33,351
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMERS			\$ 92,207
PROJECTED FIRM TRANSPORTATION THROUGHPUT			42,504,877
FIRM TRANSPORTATION COST OF GAS ADJUSTMENT			\$0.0022

Dated: November 8, 2013 Effective: November 1, 2013 Issued by: /s/ Victor D. Del Vecchio

Victor D. Del Vecchio

Title: President

#### Environmental Surcharge - Manufactured Gas Plants

#### **Manfactured Gas Plants**

Required annual Environmental increase \$363,892

DG 10-17 Base Rate Revision Collections (\$78,892)

Environmental Subtotal \$285,000

Overall Annual Net Increase to Rates \$285,000

Estimated weather normalized firm therms billed for the

twelve months ended 10/31/14 - sales and transportation 160,018,819 therms

Surcharge per therm \$0.0018 per therm

Total Environmental Surcharge \$0.0018

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President Title:

#### Rate Case Expense/Temporary Rate Reconciliation (RDE) Factor Calculation

#### Rate Case Expense Factors for Resdential Customers

Rate Case Expense (Balance 07/31/13)	\$ 21,389
Temporary Rate Reconciliation - DG 10-017 Sipulation per Settlement Argument - DG 10-017 Reconciliation DG 08-009 and Merger Incentive DG 06-707	 - - -
Total Rate Case Expense/Temporary Rate Reconciliation Recoverable	\$ 21,389
OffPeak 2013 Rate Case Expense Factor OffPeak 2013 Projected Volumes (Aug-Oct) OffPeak 2013 Rate Case Expense Projected Collection (Aug-Oct) OffPeak 2013 Rate Case Expense Projected Interest (Aug-Oct) Total Net Rate Case Expense/Temporary Rate Reconciliation Recoverable	\$ 0.0027 15,469,181 41,767 6 (20,372)
Forecasted Annual Throughput Volumes for Residential Customer (A:VOLres) Forecasted Annual Throughput Volumes for Commercial/Industrial Customer (A:VOLc&i)	-
Total Volumes	7
Rate Case Expense Factor	\$ -

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Victor D. Del Vecchio

Title:

President

#### Local Distribution Adjustment Charge Calculation

B 13		Sales	Transporatation
Residential Non Heating Rates - R-1	86.0407	Customers	Customers
Energy Efficiency Charge Demand Side Management Charge	\$0.0197 0.0000		
Conservation Charge (CCx)	0.0000	\$0,0197	
Relief Holder and pond at Gas Street, Concord, NH	0.0000	42,0,101	
Manufactured Gas Plants	0.0018		
Environmental Surcharge (ES)		0.0018	
Interruptible Transportation Margin Credit (ITMC)		0.0000	
Cost Allowance Adjustment Factor		0.0000	
Rate Case Expense Factor (RCEF)		0.0000	
Residential Low Income Assistance Program (RLIAP)		0.0075	
LDAC		\$0.0290	per them
Residential Heating Rates - R-3, R-4			
Energy Efficiency Charge	\$0,0197		
Demand Side Management Charge	0,0000		
Conservation Charge (CCx)		\$0.0197	
Relief Holder and pond at Gas Street, Concord, NH	0,0000		
Manufactured Gas Plants	0,0018		
Environmental Surcharge (ES)		0.0018	
Cost Allowance Adjustment Factor Rate Case Expense Factor (RCEF)		0,000,0 0,000,0	
Residential Low Income Assistance Program (RLIAP)		0.0075	
LDAC		\$0.0290	per therm
		*****	F=- =
0			
Commercial/Industrial Low Annual Use Rates - G-41, G-51	\$0.0264		
Energy Efficiency Charge Demand Side Management Charge	0.0000		
Conservation Charge (CCx)	0.0003	\$0.0264	\$0.0264
Relief Holder and pond at Gas Street, Concord, NH	0.0000	<b>4</b> 0.020	
Manufactured Gas Plants	0 0018		
Environmental Surcharge (ES)		0.0018	0.0018
Cost Allowance Adjustment Factor		0.0000	0.0000
Gas Restructuring Expense Factor (GREF)		0.0000	0.0000
Rate Case Expense Factor (RCEF)		0,0000	0.0000
Residential Low Income Assistance Program (RLIAP)		0 0075	0.0075
LDAC		\$0.0357	\$0.0357 per therm
Commercial/Industrial Medium Annual Use Rates - G-42, G-52	60.0064		
Energy Efficiency Charge	\$0,0264 0,0000		
Demand Side Management Charge Conservation Charge (CCx)	0 0000	\$0,0264	\$0.0264
Relief Holder and pond at Gas Street, Concord, NH	0.0000	\$5,5204	00.02.04
Manufactured Gas Plants	0.0018		
Environmental Surcharge (ES)		0.0018	0.0018
Cost Allowance Adjustment Factor		0.0000	0.000
Gas Restructuring Expense Factor (GREF)		0 0000	0,0000
Rate Case Expense Factor (RCEF)		0.0000	0.0000
Residential Low Income Assistance Program (RLIAP)		0 0075	0.0075
LDAC		\$0.0357	\$0.0357 per therm
Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54			
Energy Efficiency Charge	\$0.0264		
Demand Side Management Charge	0 0000	** ***	50 0004
Conservation Charge (CCX)	0.0000	\$0,0264	\$0.0264
Relief Holder and pond at Gas Street, Concord, NH	0,0000 0 0018		
Manufactured Gas Plants Environmental Surcharde (ES)	0 10 18	0,0018	0 0018
Cost Allowance Adjustment Factor		0,0000	0.0000
Gas Restructumng Expense Factor (GREF)		0.0000	0.0000
Rate Case Expense Factor (RCEF)		0.0000	0.0000
Residential Low Income Assistance Program (RLIAP)		0.0075	0 0075
LDAC		\$0.0357	\$0.0357 per therm

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Title: President

#### III DELIVERY TERMS AND CONDITIONS

#### ATTACHMENT B

#### Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: \$0.21 per MMBtu of Daily Imbalance Volumes

II. Capacity Mitigation Fee 15% of the Proceeds from the Marketing of Capacity for Mitigation.

Capacity for Mitigation.

III. Peaking Demand Charge \$21.00 MMBTU of Peak MDQ.

IV. Company Allowance Calculation (per Schedule 25)

153,858,340 Total Sendout - Therms Jul-2012 - Jun-2013 151,874,788 Total Throughput - Therms Jul-2012 - Jun-2013

1,983,553 Variance (Sendout - Throughput)

Company Allowance Percentage 2013-14 1.3% Variance / Total Sendout

Dated: November 8, 2013

Effective: November 1, 2013

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Victor D. Del Vecchio

Title: President

#### IH DELIVERY TERMS AND CONDITIONS

### ATTACHMENT C Capacity Allocators

Rate Class		Pipeline	Storage	Peaking	Total
	Low Annual/High				
G-41	Winter Use	37.0%	21.0%	42.0%	100.0%
*** ***	Low Annual/Low				
G-51	Winter Use	54.0%	15.0%	31.0%	100.0%
	Medium Annual / High				
G-42	Winter	37.0%	21.0%	42.0%	100.0%
	High Annual / Low				<del> </del>
G-52	Winter Use	54.0%	15.0%	31.0%	100.0%
	High Annual / High				
G-43	Winter	37.0%	21.0%	42.0%	100.0%
	High Annual / Load				
G-53	Factor < 90%	54.0%	15.0%	31.0%	100.0%
	High Annual / Load			]	
G-54	Factor < 90%	54.0%	15.0%	31.0%	100.0%

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Victor D. Del Vecchio Title: President