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### II RATE SCHEDULES FIRM RATE SCHEDULES

		Winter Period				Summer Period			
	Delivery <u>Charge</u>	Cost of Gas Rate Page 87	LDAC Page 94	Total <u>Rate</u>	Delivery <u>Charge</u>	Cost of Gas Rate Page 87	LDAC Page 94	Total <u>Rate</u>	
Residential Non Heating - R-1 Customer Charge per Month per Meter All therms	\$11.97 \$ 0.1582	\$ 0.6719	\$ 0.0258	\$ 11.97 \$ 0.8559	\$ 11.97 \$ 0.1582	\$ 0.5403	\$ 0.0693	\$ 11.97 \$ 0.7678	
Residential Heating - R-3 Customer Charge per Month per Meter Size of the first block	\$17.31 100 therms		¢ 0 0050	\$ 17.31	\$ 17.31 20 therms	Φ 0.5400	<b>#</b> 0 0000	\$ 17.31	
Therms in the first block per month at All therms over the first block per month at	\$ 0.2739 \$ 0.2263		\$ 0.0258 \$ 0.0258	\$ 0.9716 \$ 0.9240	\$ 0.2739 \$ 0.2263	\$ 0.5403 \$ 0.5403	\$ 0.0693 \$ 0.0693	\$ 0.8835 \$ 0.8359	
Residential Heating - R-4 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at All therms over the first block per month at	\$6.92 100 therms \$ 0.1096 \$ 0.0905		\$ 0.0258 \$ 0.0258	\$ 6.92 \$ 0.8073 \$ 0.7882	\$ 6.92 20 therms \$ 0.1096 \$ 0.0905	\$ 0.5403 \$ 0.5403	\$ 0.0693 \$ 0.0693	\$ 6.92 \$ 0.7192 \$ 0.7001	
Commercial/Industrial - G-41 Customer Charge per Month per Meter Size of the first block	\$40.74 100 therms			\$ 40.74	\$ 40.74 20 therms			\$ 40.74	
Therms in the first block per month at All therms over the first block per month at	\$ 0.3251 \$ 0.2114		\$ 0.0187 \$ 0.0187		\$ 0.3251 \$ 0.2114	\$ 0.5411 \$ 0.5411	\$ 0.0493 \$ 0.0493	\$ 0.9155 \$ 0.8018	
Commercial/Industrial - G-42 Customer Charge per Month per Meter Size of the first block Therms in the first block per month at	\$122.22 1000 therms \$ 0.3038	\$ 0.6736	\$ 0.0187	\$ 122.22 \$ 0.9961	\$ 122.22 400 therms \$ 0.3038	\$ 0.5411	\$ 0.0493	\$ 122.22 \$ 0.8942	
All therms over the first block per month at	\$ 0.2007	\$ 0.6736	\$ 0.0187	\$ 0.8930	\$ 0.2007	\$ 0.5411	\$ 0.0493	\$ 0.7911	
Commercial/Industrial - G-43 Customer Charge per Month per Meter All therms over the first block per month at	\$524.53 \$ 0.1866	\$ 0.6736	\$ 0.0187	\$ 524.53 \$ 0.8789	\$ 524.53 \$ 0.0854	\$ 0.5411	\$ 0.0493	\$ 524.53 \$ 0.6758	
Commercial/Industrial - G-51 Customer Charge per Month per Meter Size of the first block	\$40.74 100 therms		Φ 0 04 07	\$ 40.74	\$ 40.74 100 therms	Φ 0.5000	Φ 0 0400	\$ 40.74	
Therms in the first block per month at All therms over the first block per month at	\$ 0.1740 \$ 0.1123	\$ 0.6671 \$ 0.6671	\$ 0.0187 \$ 0.0187		\$ 0.1740 \$ 0.1123	\$ 0.5388 \$ 0.5388	\$ 0.0493 \$ 0.0493	\$ 0.7621 \$ 0.7004	
Commercial/Industrial - G-52 Customer Charge per Month per Meter Size of the first block	\$122.22 1000 therms			\$ 122.22	\$ 122.22 1000 therms			\$ 122.22	
Therms in the first block per month at All therms over the first block per month at		\$ 0.6671 \$ 0.6671	\$ 0.0187 \$ 0.0187	\$ 0.8541 \$ 0.8000	\$ 0.1236 \$ 0.0712	\$ 0.5388 \$ 0.5388	•	\$ 0.7117 \$ 0.6593	
Commercial/Industrial - G-53 Customer Charge per Month per Meter All therms over the first block per month at	\$539.80 \$ 0.1201	\$ 0.6671	\$ 0.0187	\$ 539.80 \$ 0.8059	\$ 539.80 \$ 0.0574	\$ 0.5388	\$ 0.0493	\$ 539.80 \$ 0.6455	
Commercial/Industrial - G-54 Customer Charge per Month per Meter All therms over the first block per month at	\$539.80 \$ 0.0415	\$ 0.6671	\$ 0.0187	\$ 539.80 \$ 0.7273	\$ 539.80 \$ 0.0224	\$ 0.5388	\$ 0.0493	\$ 539.80 \$ 0.6105	

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#### **Anticipated Cost of Gas**

### PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2012 THROUGH APRIL 30, 2013 (REFER TO TEXT ON IN SECTION 16 COST OF GAS CLAUSE)

(Col 1)		(Col 2)		(Col 3)
ANTICIPATED DIRECT COST OF GAS				
Purchased Gas:				
Demand Costs:	\$	9,446,057		
Supply Costs:		26,630,667		
Storage Gas:				
Demand, Capacity:	\$	1,092,898		
Commodity Costs:		9,121,704		
Produced Gas:		291,366		
Hedged Contract (Saving)/Loss Hedge Underground Storage Contract (Saving)/Loss		1,941,641 -		
Unadjusted Anticipated Cost of Gas			\$	48,524,333
Adjustments:				
Prior Period (Over)/Under Recovery (as of 05/01/12)	\$	1,606,569		
Interest		73,865		
Prior Period Adjustments Broker Revenues		- (206 107)		
Refunds from Suppliers		(396,197)		
Fuel Financing		109,724		
Transportation CGA Revenues		(8,224)		
Interruptible Sales Margin		- (4.400.040)		
Capacity Release and Off System Sales Margins Hedging Costs		(1,130,619)		
Fixed Price Option Administrative Costs		40,691		
Total Adjustments			_	295,808
Total Anticipated Direct Cost of Gas			\$	48,820,141
Anticipated Indirect Cost of Gas				
Working Capital:				
Total Unadjusted Anticipated Cost of Gas 11/01/12 - 04/30/13)	\$	48,524,333		
Working Capital Rate: Lead Lag Days / 365	•	0.0391		
Prime Rate		3.25%		
Working Capital Percentage		<u>0.127%</u>		
Working Capital	\$	61,669		
Plus: Working Capital Reconciliation (Acct 142.20)		(541)		
Total Working Capital Allowance				61,128
Ded Deld.				
Bad Debt: Total Unadjusted Anticipated Cost of Gas 11/01/12 - 04/30/13)	\$	48,524,333		
Less: Refunds	Ψ	-		
Plus: Total Working Capital		61,128		
Plus: Prior Period (Over)/Under Recovery		1,606,569		
Subtotal	\$	50,192,030		
Bad Debt Percentage		2.50%		
Bad Debt Allowance	\$	1,254,801		
Plus: Bad Debt Reconciliation (Acct 175.52)	Ψ	113,348		
Total Bad Debt Allowance			\$	1,368,148
Production and Storage Capacity			\$	1,980,428
Miscellaneous Overhead (11/01/12 - 04/30/13)	\$	13,170		
Times Winter Sales		77,826		
Divided by Total Sales		95,484		
Miscellaneous Overhead				10,735
Total Anticipated Indirect Cost of Gas			\$	3,420,439
Total Cost of Gas			\$	52,240,580
l: August 31, 2012	ls	ssued: By		
ive: November 1, 2012		Victor D. Del V	Jacc	hio

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Victor D. Del Vecchio

Title: Preside 0000046

## CALCULATION OF FIRM SALES COST OF GAS RATE PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2012 THROUGH APRIL 30, 2013 (Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)		(Col 2)	(	(Col 3)	
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/12 - 04/30/13) Direct Cost of Gas Rate	\$	48,820,141 77,755,617	\$	0.6279	per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Total Direct Cost of Gas Rate	\$	10,538,954 37,985,379 295,808 48,820,141		0.4885 0.0038	per therm per therm per therm per therm
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/12 - 04/30/13) Indirect Cost of Gas	\$	3,420,439 77,755,617	\$	0.0440	per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/12			\$	0.6719	per therm
RESIDENTIAL COST OF GAS RATE - 11/01/12	COG	wr	\$	0.6719	/therm

Maximum (COG + 25%) \$ 0.8399

COGwh

COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/12		COGwl		0.6671 /therm
Average Demand Cost of Gas Rate Effective 11/01/12 Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate	\$ 0.1355 0.9585 1.00680 \$ 0.1308	Maximum (COG + 25%)	\$	0.8339
Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$ 0.4885 \$ 0.0038 \$ 0.0440 \$ 0.6671			

Average Demand Cost of Gas Rate Effective 11/01/12 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate	\$ 0.1355 1.0068 1.0068 \$ 0.1373	Maximum (COG + 25%)	\$ 0.8420
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	\$ 0.4885 \$ 0.0038 \$ 0.0440 \$ 0.6736		

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COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12

Issued: By\_\_\_\_\_\_Victor D. Del Vecchio

Title: President 0000047

\$ 0.6736 /therm

# II. RATE SCHEDULES CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2012 THROUGH APRIL 30, 2013 (Refer to Text in Section 17(A) Fixed Price Option Program)

(	` '		- 3	, - ,			
(Col 1)				(Col 2)	(	Col 3)	
Total Anticipated Direct Cost of Gas			\$	48,820,141			
Projected Prorated Sales (11/01/12 - 04/30/13)  Direct Cost of Gas Rate				77,755,617	\$	0.6279	per therm
Demand Cost of Gas Rate			\$	10,538,954	\$		per therm
Commodity Cost of Gas Rate				37,985,379			per therm
Adjustment Cost of Gas Rate Total Direct Cost of Gas Rate			Φ.	295,808			per therm
Total Direct Cost of Gas Hate			\$	48,820,141	\$	0.6279	per therm
Total Anticipated Indirect Cost of Gas			\$	3,420,439			
Projected Prorated Sales (11/01/12 - 04/30/13)				77,755,617			
Indirect Cost of Gas					\$	0.0440	per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/12)					\$	0.6719	
FPO Risk Premium					\$	0.0200	
TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFE	CTIVE	E (11/01/12)			\$	0.6919	
RESIDENTIAL COST OF GAS RATE - 11/01/12			<u></u>	Gwr	\$	0.6919	/thorm
RESIDENTIAL COST OF GAS HATE - 11/01/12				GWI	φ	0.0313	/tileiiii
COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/12			CO	Gwl	\$	0.6871	/therm
Average Demand Cost of Cos Bata Effective (11/01/12)	Φ	0.1355					
Average Demand Cost of Gas Rate Effective (11/01/12) Times: Low Winter Use Ratio (Winter)	\$ \$	0.1355 0.9585					
Times: Correction Factor	Ψ	1.0068					
Adjusted Demand Cost of Gas Rate	\$	0.1308					
Adjusted Bolland Good of Guo Hato	Ψ	0.1000					
Commodity Cost of Gas Rate	\$	0.4885					
Adjustment Cost of Gas Rate	\$	0.0038					
Indirect Cost of Gas Rate	\$	0.0440					
Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$	0.6671					
EDO Diele Dresseiture	Φ	0.0000					
FPO Risk Premium	\$	0.0200					
	\$	0.6871					
COM/IND HIGH WINTER USE COST OF GAS RATE -11/01/12			CO	Gwh	\$	0.6936	/therm
Average Demand Coat of Coa Data Effective (11/01/19)	Φ	0.1055					
Average Demand Cost of Gas Rate Effective (11/01/12) Times: High Winter Use Ratio (Winter)	\$ \$	0.1355 1.0068					
Times: Correction Factor	Ψ	1.0068					
Adjusted Demand Cost of Gas Rate	\$	0.1373					
,	*						
Commodity Cost of Gas Rate	\$	0.4885					
Adjustment Cost of Gas Rate	\$	0.0038					
Indirect Cost of Gas Rate	Φ	0.0440					
	\$						
Adjusted Com/Ind Low Winter Use Cost of Gas Rate	<u>φ</u> \$	0.6736					
·	\$	0.6736					
Adjusted Com/Ind Low Winter Use Cost of Gas Rate  FPO Risk Premium							

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Title: Preside 0000048

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### **II. RATE SCHEDULES**

Calculation of Firm Transportation Cost of Gas Rate
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2012 THROUGH APRIL 30, 2013
(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	\$ -		
LNG	291,366		
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	291,366 <u>9.9%</u> \$ 28,845		
PROJECTED FIRM THROUGHPUT (THERMS): FIRM SALES FIRM TRANSPORTATION SUBJECT TO FTCG TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	77,826,455 41,120,858 118,947,312	65.4% <u>34.6%</u> 100.0%	
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	34.6%	x \$ 28,845 =	\$ 9,972
PRIOR (OVER) OR UNDER COLLECTION			(1,888)
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMERS	3		\$ 8,084
PROJECTED FIRM TRANSPORTATION THROUGHPUT			41,120,858
FIRM TRANSPORTATION COST OF GAS ADJUSTMENT			\$0.0002

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Title: President 00000049

### **Environmental Surcharge - Manufactured Gas Plants**

\$0.0011

### **Manfactured Gas Plants**

**Total Environmental Surcharge** 

Required annual Environmental increase	\$256,547
DG 10-17 Base Rate Revision Collections	(\$78,892)
Environmental Subtotal	\$177,655
Overall Annual Net Increase to Rates	\$177,655
Estimated weather normalized firm therms billed for the twelve months ended 10/31/13 - sales and transportation  Surcharge per therm	158,062,349 therms \$0.0011 per therm

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

### **Rate Case Expense Factors for Resdential Customers**

Rate Case Expense (Balance 07/31/12)	\$ 623,004
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	\$ 623,004
OffPeak 2012 Rate Case Expense Factor OffPeak 2012 Projected Volumes (Aug-Oct) OffPeak 2012 Rate Case Expense Projected Collection (Aug-Oct) OffPeak 2012 Rate Case Expense Projected Interest (Aug-Oct) Total Net Rate Case Expense/Temporary Rate Reconciliation Recoverable	\$ 0.0116 16,967,216 197,035 4,804 430,773
Forecasted Annual Throughput Volumes for Residential Customer (A:VOLres) Forecasted Annual Throughput Volumes for Commercial/Industrial Customer (A:VOLc&i)	57,541,620 100,520,729
Total Volumes	158,062,349
Rate Case Expense Factor	\$ 0.0027

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### **Local Distribution Adjustment Charge Calculation**

Residential Non Heating Rates - R-1		Sales Customers	Transporatation <u>Customers</u>	
Energy Efficiency Charge	\$0.0147			
Demand Side Management Charge Conservation Charge (CCx)	0.0000	\$0.0147		
Relief Holder and pond at Gas Street, Concord, NH	0.0000			
Manufactured Gas Plants Environmental Surcharge (ES)	0.0011	0.0011		
Interruptible Transportation Margin Credit (ITMC)		0.0000		
Cost Allowance Adjustment Factor		0.0000		
Rate Case Expense Factor (RCEF) Residential Low Income Assistance Program (RLIAP)		0.0027 <u>0.0073</u>		
LDAC		\$0.0258		per therm
Residential Heating Rates - R-3, R-4				
Energy Efficiency Charge	\$0.0147			
Demand Side Management Charge Conservation Charge (CCx)	0.0000	\$0.0147		
Relief Holder and pond at Gas Street, Concord, NH	0.0000	ψ0.0147		
Manufactured Gas Plants	0.0011			
Environmental Surcharge (ES)		0.0011		
Cost Allowance Adjustment Factor Rate Case Expense Factor (RCEF)		0.0000 0.0027		
Residential Low Income Assistance Program (RLIAP)		0.0073		
LDAC		\$0.0258		per therm
Commercial/Industrial Low Annual Use Rates - G-41, G-51				
Energy Efficiency Charge	\$0.0076			
Demand Side Management Charge	0.0000	<b>#0.0070</b>	00.0070	
Conservation Charge (CCx) Relief Holder and pond at Gas Street, Concord, NH	0.0000	\$0.0076	\$0.0076	
Manufactured Gas Plants	0.0011			
Environmental Surcharge (ES)		0.0011	0.0011	
Cost Allowance Adjustment Factor Gas Restructuring Expense Factor (GREF)		0.0000	0.0000 0.0000	
Rate Case Expense Factor (RCEF)		0.0027	0.0007	
Residential Low Income Assistance Program (RLIAP)		0.0073	0.0073	
LDAC		\$0.0187	\$0.0187	per therm
Commercial/Industrial Medium Annual Use Rates - G-42, G-52				
Energy Efficiency Charge	\$0.0076			
Demand Side Management Charge Conservation Charge (CCx)	0.0000	\$0.0076	\$0.0076	
Relief Holder and pond at Gas Street, Concord, NH	0.0000	ψο.σσ7 σ	ψ0.0070	
Manufactured Gas Plants	0.0011	0.0044	0.0044	
Environmental Surcharge (ES) Cost Allowance Adjustment Factor		0.0011 0.0000	0.0011 0.0000	
Gas Restructuring Expense Factor (GREF)		0.0000	0.0000	
Rate Case Expense Factor (RCEF)		0.0027	0.0027	
Residential Low Income Assistance Program (RLIAP)  LDAC		0.0073 <b>\$0.0187</b>	0.0073 \$0.0187	per therm
25/10		φοιοτοι	φοιστοι	por morm
Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54				
Energy Efficiency Charge Demand Side Management Charge	\$0.0076 0.0000			
Conservation Charge (CCx)	0.0000	\$0.0076	\$0.0076	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		*	
Manufactured Gas Plants	0.0011	0.0011	0.0011	
Environmental Surcharge (ES) Cost Allowance Adjustment Factor		0.0011 0.0000	0.0011 0.0000	
Gas Restructuring Expense Factor (GREF)		0.0000	0.0000	
Rate Case Expense Factor (RCEF)		0.0027	0.0027	
Residential Low Income Assistance Program (RLIAP)  LDAC		0.0073 <b>\$0.0187</b>	0.0073 <b>\$0.0187</b>	per therm
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### **III DELIVERY TERMS AND CONDITIONS**

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### **ATTACHMENT B**

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: \$0.19 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 \$18.62 MMBTU of Peak MDQ.

IV. Company Allowance Calculation (per Schedule 25)

138,409,150 Total Sendout - Therms Jul-2011 - Jun-2012 136,259,218 Total Throughput - Therms Jul-2011 - Jun-2012

2,149,932 Variance (Sendout - Throughput)

Company Allowance Percentage 2012-13 1.6% Variance / Total Sendout

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### **III DELIVERY TERMS AND CONDITIONS**

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### ATTACHMENT C

### **CAPACITY ALLOCATORS**

Rate Class		Pipeline	Storage	Peaking	Total
	Low Annual /High Winter				
G-41	Use	38.0%	21.0%	41.0%	100.0%
	Low Annual /Low Winter				
G-51	Use	49.0%	17.0%	34.0%	100.0%
	Medium Annual / High				
G-42	Winter	38.0%	21.0%	41.0%	100.0%
	High Annual / Low				
G-52	Winter Use	49.0%	17.0%	34.0%	100.0%
	High Annual / High				
G-43	Winter	38.0%	21.0%	41.0%	100.0%
	High Annual / Load				
G-53	Factor < 90%	49.0%	17.0%	34.0%	100.0%
	High Annual / Load				
G-54	Factor < 90%	49.0%	17.0%	34.0%	100.0%

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91	Original First Revised
92	Original First Revised
93	Original
94	Original First Revised

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### **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.

<u>Page</u>	<u>Revision</u>
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### II RATE SCHEDULES FIRM RATE SCHEDULES

	Winter Period				Summer Period					
	Delivery <u>Charge</u>	Cost of Gas Rate Page 87	LDAC Page 94	Total <u>Rate</u>		elivery Charge	Cost of Gas Rate Page 87	LDAC Page 94		Total <u>Rate</u>
Residential Non Heating - R-1	<b>A</b> 44.07			<b>4.4.0</b>	•	44.07			•	44.07
Customer Charge per Month per Meter All Therms	\$ 11.97 \$ 0.1582 <del>\$ 0.1582</del>	\$ 0.6719 <del>\$ 0.7460</del>	\$ 0.0258 <del>\$ 0.0693</del>	\$ 11.97 \$ 0.8559 <del>\$ 0.9735</del>	\$	11.97 0.1582	\$ 0.5403	\$ 0.0693	\$	11.97 0.7678
Residential Heating - R-3 Customer Charge per Month per Meter Size of the first block	\$ 17.31 100 therms			\$ 17.31	\$	17.31 20 therms			\$	17.31
Therms in the first block per month at	\$ 0.2739 \$ 0.2739	\$ 0.6719 \$ 0.7460	\$ 0.0258 \$ 0.0693	\$ 0.9716 <del>\$ 1.0892</del>	\$	0.2739	\$ 0.5403	\$ 0.0693	\$	0.8835
All therms over the first block per month at	\$ 0.2263 \$ 0.2263	\$ 0.6719 \$ 0.7460	\$ 0.0258 \$ 0.0693	\$ 0.9240 \$ 1.0416	\$	0.2263	\$ 0.5403	\$ 0.0693	\$	0.8359
Residential Heating - R-4	•	* ***	<b>+</b>	·						
Customer Charge per Month per Meter	\$ 6.92			\$ 6.92	\$	6.92			\$	6.92
Size of the first block Therms in the first block per month at	100 therms \$ 0.1096	\$ 0.6719	\$ 0.0258	\$ 0.8073	\$	20 therms 0.1096	\$ 0.5403	\$ 0.0693	\$	0.7192
Therms in the mist block per month at	\$ 0.1096	\$ 0.0713 \$ 0.7460	\$ 0.0230 \$ 0.0693	\$ 0.0073 \$ 0.9249	Ψ	0.1030	ψ 0.5405	ψ 0.0033	Ψ	0.7 132
All therms over the first block per month at	\$ 0.0905 \$ 0.0905	\$ 0.6719 \$ 0.7460	\$ 0.0258 \$ 0.0693	\$ 0.7882 \$ 0.9058	\$	0.0905	\$ 0.5403	\$ 0.0693	\$	0.7001
Commercial/Industrial - G-41										
Customer Charge per Month per Meter Size of the first block	\$ 40.74 100 therms			\$ 40.74	\$ ,	40.74 20 therms			\$	40.74
Therms in the first block per month at	\$ 0.3251 \$ 0.3251	\$ 0.6736 \$ 0.7463	\$ 0.0187 <del>\$ 0.0493</del>	\$ 1.0174 <del>\$ 1.1207</del>	\$		\$ 0.5411	\$ 0.0493	\$	0.9155
All therms over the first block per month at	\$ 0.2114 \$ 0.2114	\$ 0.6736 \$ 0.7463	\$ 0.0187 \$ 0.0493	\$ 0.9037 \$ 1.0070	\$	0.2114	\$ 0.5411	\$ 0.0493	\$	0.8018
Commercial/Industrial - G-42	ψ 0.2114	ψ 0.7 400	ψ 0.0400	ψ 1.0070						
Customer Charge per Month per Meter Size of the first block	\$ 122.22 1000 therms			\$ 122.22	\$ 40	122.22 00 therms			\$	122.22
Therms in the first block per month at	\$ 0.3038 \$ 0.3038	\$ 0.6736 <del>\$ 0.7463</del>	\$ 0.0187 <del>\$ 0.0493</del>	\$ 0.9961 <del>\$ 1.0994</del>	\$	0.3038	\$ 0.5411	\$ 0.0493	\$	0.8942
All therms over the first block per month at	\$ 0.2007 \$ 0.2007	\$ 0.6736 <del>\$ 0.7463</del>	\$ 0.0187 <del>\$ 0.0493</del>	\$ 0.8930 <del>\$ 0.9963</del>	\$	0.2007	\$ 0.5411	\$ 0.0493	\$	0.7911
Commercial/Industrial - G-43										
Customer Charge per Month per Meter	\$ 524.53 \$ 0.1866	Ф 0.670C	¢ 0.0107	\$ 524.53	\$ \$	524.53	Ф O E 411	¢ 0 0400	\$ \$	524.53 0.6758
All therms over the first block per month at  Commercial/Industrial - G-51	\$ 0.1866 \$ 0.1866	\$ 0.6736 \$ 0.7463	\$ 0.0187 <del>\$ 0.0493</del>	\$ 0.8789 <del>\$ 0.9822</del>	φ	0.0004	\$ 0.5411	\$ 0.0493	Φ	0.0736
Customer Charge per Month per Meter	\$ 40.74			\$ 40.74	\$	40.74			\$	40.74
Size of the first block	100 therms			• .•		00 therms			*	
Therms in the first block per month at	\$ 0.1740	\$ 0.6671	\$ 0.0187	\$ 0.8598	\$	0.1740	\$ 0.5388	\$ 0.0493	\$	0.7621
All therms over the first block per month at	\$ 0.1740 \$ 0.1123	\$ 0.7445 \$ 0.6671	\$ 0.0493 \$ 0.0187	\$ 0.9678 \$ 0.7981	\$	0 1123	\$ 0.5388	\$ 0 0493	\$	0.7004
·	\$ 0.1123 \$ 0.1123	\$ 0.0071 \$ 0.7445	\$ 0.0107 \$ 0.0493	\$ 0.7901 \$ 0.9061	Ψ	0.1123	ψ 0.5500	ψ 0.0433	Ψ	0.7004
Commercial/Industrial - G-52 Customer Charge per Month per Meter	\$ 122.22			\$ 122.22	\$	122.22			\$	122.22
Size of the first block	1000 therms			Ψ 122.22		0 therms			Ψ	122.22
Therms in the first block per month at	\$ 0.1683 \$ 0.1683	\$ 0.6671 <del>\$ 0.7445</del>	\$ 0.0187 <del>\$ 0.0493</del>	\$ 0.8541 <del>\$ 0.9621</del>	\$	0.1236	\$ 0.5388	\$ 0.0493	\$	0.7117
All therms over the first block per month at		\$ 0.6671		\$ 0.8000 \$ 0.9080	\$	0.0712	\$ 0.5388	\$ 0.0493	\$	0.6593
Commercial/Industrial - G-53										
Customer Charge per Month per Meter	\$ 539.80	ф o coza	Φ O O 1 O 7	\$ 539.80	\$	539.80	ф о <u>гоо</u> с	<b>#</b> 0.0400	\$	539.80
All therms over the first block per month at	\$ 0.1201 \$ 0.1201	\$ 0.6671 <del>\$ 0.7445</del>	\$ 0.0187 <del>\$ 0.0493</del>	\$ 0.8059 <del>\$ 0.9139</del>	\$	0.0574	\$ 0.5388	\$ 0.0493	\$	0.6455
Commercial/Industrial - G-54	ф гооло			ф <b>г</b> ос со	•	F00 00			٠	F00 00
Customer Charge per Month per Meter  All therms over the first block per month at	\$ 539.80 \$ 0.0415	\$ 0.6671	\$ 0.0187	\$ 539.80 \$ 0.7273	\$ \$	539.80	\$ 0.5388	\$ 0.0493	\$ \$	539.80 0.6105
7.8 alemie ever the met block per month at	\$ 0.0415 \$ 0.0415	\$ 0.7445	\$ 0.0107 \$ 0.0493	\$ 0.8353	Ψ	0.0224	Ψ 0.0000	ψ 0.0+00	Ψ	0.0100

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### Proposed First Original Revised Page 86 Superseding Original Page 86

#### **Anticipated Cost of Gas**

### PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2012 THROUGH APRIL 30, 2013 PERIOD COVERED: SUMMER PERIOD, MAY 1, 2012 THROUGH OCTOBER 31, 2012

(REFER TO TEXT ON IN SECTION 16 COST OF GAS CLAUSE)

(Col 1) ANTICIPATED DIRECT COST OF GAS	<del>(Col 2)</del>	<del>(Col 3)</del>	(Col 2)		(Col 3)
Purchased Gas:					
Demand Costs:	\$ 4,129,301 \$ 7,229,926		\$ 9,446,057 26,630,667		
Supply Costs:	<del>ψ 7,229,320</del>		20,030,007		
Storage Gas: Demand, Capacity:			1,092,898		
Commodity Costs:			9,121,704		
Produced Gas:	42,000		291,366		
Hedged Contract Savings Hedge Underground Storage Contract (Savings)/Loss	<del>435,532</del>		1,941,641		
Unadjusted Anticipated Cost of Gas		<del>\$ 11,836,759</del>		\$	48,524,333
Adjustments:					
Prior Period (Over)/Under Recovery (as of <del>May 1, 2011</del> October 31, 2011)	\$ (412,104) (5,800)		\$ 1,606,569		
Interest Prior Period Adjustments	(5,809)		73,865		
Broker Revenues			(396, 197)	)	
Refunds from Suppliers	(742,917)		-		
Fuel Financing			109,724		
Transportation CGA Revenues			(8,224)	)	
Interruptible Sales Margin Capacity Release and Off System Sales Margin			(1,130,619)	١	
Hedging Costs	<del></del>		-		
Fixed Price Option Administrative Costs  Total Adjustments		(1,160,830)	40,691	-	295,808
i otai Aujustinents		(1,100,000)		_	293,000
Total Anticipated Direct Cost of Gas		\$ 10,675,929		\$	48,820,141
Anticipated Indirect Cost of Gas					
Working Capital:					
Total anticipated Direct Cost of Gas <del>(05/01/2011 - 10/31/2011)</del> (11/01/11 - 04/30/12)	<del>\$ 11,836,759</del>		\$ 48,524,333		
Working Capital Rate Prime Rate	<del>0.0391</del> <del>3.25%</del>		0.0391 3.25%	,	
Working Capital Percentage	<u>0.127%</u>		0.127%		
Working Capital	15,043		\$ 61,669		
Plus: Working Capital Reconciliation (Acct 142.20) (Acct 142.40)	(1,055)		(541)	)	
Total Working Capital Allowance		<del>\$ 13,988</del>		\$	61,128
		, ,,,,,,,,		•	.,,
<b>Bad Debt:</b> Total anticipated Direct Cost of Gas <del>(05/01/2011 - 10/31/2011)</del> (11/01/11 - 04/30/12)	<del>\$ 11,836,759</del>		\$ 48,524,333		
Less: Refunds	<del>ψ 11,030,733</del>		φ 40,324,333		
Plus: Total Working Capital	13,988		61,128		
Plus: Prior Period (Over)/Under Recovery Subtotal	<del>(412,104)</del> \$ 11,438,643		1,606,569 \$ 50,192,030		
Subtotal	<del>\$ 11,438,643</del>		\$ 50,192,030		
Bad Debt Percentage	<del>2.37%</del>		2.50%	2	
Bad Debt Allowance	<del>271,096</del>		\$ 1,254,801 113,348		
Plus: Bad Debt Reconciliation (Acct 175.52) (Acct 175.54)	<u> </u>		110,040		
Total Bad Debt Allowance		271,096			1,368,148
Production and Storage Capacity		<del></del>			1,980,428
Miscellaneous Overhead (05/01/2011 - 10/31/2011) (11/01/11 - 04/30/12)	<del>\$ 13,170</del>		\$ 13,170		
Times Summer Winter Sales	<del>22,654</del>		77,826		
Divided by Total Sales	<del>105,301</del>		95,484		
Miscellaneous Overhead		2,833			10,735
Total Anticipated Indirect Cost of Gas		\$ 287,917		\$	3,420,439
Total Cost of Gas		\$ 10.963.846		Ф	52.240.580
i otal oost of das		<del>Ф 10.303.846</del>		Ð	JZ.Z4U.38U

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### PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2012 THROUGH APRIL 30, 2013 PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2012 THROUGH APRIL 30, 2013 (Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)		(C)=1 (D)		(()=1 ())	(()=1 ())		"	.1 (2)	
		<del>(Col 2)</del>		<del>(Col 3)</del>	(Col 2)		(00	ol 3)	
Total Anticipated Direct Cost of Gas	Ę		75,929		\$ 48,820,				
Projected Prorated Sales (05/01/12 - 10/31/2012) (11/01/11 - 04/30/12) Direct Cost of Gas Rate	-	21,41	9,124	0.4984	77,755,		\$	0.6279	per therm
Demand Cost of Gas Rate	<u> </u>	4 12	29,301	0.1928	\$ 10.538.		\$	0.1355	po
Commodity Cost of Gas Rate	-		<del>7,458</del>	0.3598	37,985,		\$	0.4885	
Adjustment Cost of Gas Rate	-	(1.16	30,830)	(0.0542)			\$	0.0038	
Fotal Direct Cost of Gas Rate	-		75,929	0.4984	\$ 48,820,		\$	0.6279	
	`		,	000.			•	0.02.0	
Total Anticipated Indirect Cost of Gas	ć	28	3 <del>7,917</del>		\$ 3,420,	439			
Projected Prorated Sales (05/01/12 - 10/31/2012) (11/01/11 - 04/30/12)	-	21,41	9,124		77,755,	617			
ndirect Cost of Gas				\$ 0.0134			\$	0.0440	per thern
OTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/12							\$	0.6719	per Therm
OTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/11				\$ 0.5118			•		
RESIDENTIAL COST OF GAS RATE - 11/01/12					COGwr	:	\$	0.6719	/therm
RESIDENTIAL COST OF GAS RATE - 05/01/13					COGsr		\$	0.5118	/therm
Change in rate due to change in under/over recovery					0000		\$		per therm
RESIDENTIAL COST OF GAS RATE - 06/01/2012					COGsr		\$	0.4741	
Change in rate due to change in under/over recovery					0003		\$		per therm
· · · · · · · · · · · · · · · · · · ·					000				
RESIDENTIAL COST OF GAS RATE - 07/01/2012					COGsr		\$	0.4695	
Change in rate due to change in under/over recovery							\$		per therm
RESIDENTIAL COST OF GAS RATE - 08/01/2012					COGsr		\$	0.5210	
Change in rate due to change in under/over recovery						,	\$		per therm
ESIDENTIAL COST OF GAS RATE - 09/01/2012					COGsr		\$	0.5403	/therm
			ı	Maximum	(COG + 25%)	ę	\$	0.6398	\$ 0.8
COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/12					COGwl	,	\$	0.6671	/therm
OOM/IND LOW HUNTED HOE OOOT OF CASE DATE.				•	000-1			0.5:00	41
COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/13					COGsl		\$	(0.0077)	
Change in rate due to change in under/over recovery						,	\$	(0.0377)	<del>/tnerm</del>
COM/IND LOW WINTER USE COST OF GAS RATE - 06/01/2012					COGsl	,	\$	0.4726	<del>/therm</del>
Change in rate due to change in under/over recovery						;	\$	(0.0046)	/therm
COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/2012					COGsl		\$	0.4680	/therm
Change in rate due to change in under/over recovery							\$	0.0515	/therm
COM/IND LOW WINTER USE COST OF GAS RATE - 08/01/2012					COGsl		\$	0.5195	/therm
Change in rate due to change in under/over recovery					0003		\$	0.0193	
COM/IND LOW WINTER USE COST OF GAS RATE - 09/01/2012					COGsl		\$	0.5388	
			0 1355 N	Maximum	(COG + 25%)		•		
Average Demand Cost of Gas Rate Effective 11/01/11 05/01/2012	\$ 0.1928					9		0.6370	S 0.8
Average Demand Cost of Gas Rate Effective 11/01/11 05/01/2012	\$ 0.1928				(COG + 25%)	ŧ	<b>&gt;</b>	0.6379	\$ 0.83
Times: Low Winter Use Ratio (Winter)	0.9895		0.9585		(000 + 23%)	ę	•	<del> 0.6379</del>	\$ 0.83
Times: Low Winter Use Ratio (Winter) Times: Correction Factor			0.9585 1.0068		(000 + 25%)	ę	<b>&gt;</b>	<del>- 0.6379</del>	\$ 0.83
Times: Low Winter Use Ratio (Winter)	0.9895		0.9585		(000 + 25%)	ę	<del></del>	<del></del>	\$ 0.83
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate		5	0.9585 1.0068 0.1308		(GOQ + 25%)	ę	•	0.6379	\$ 0.80
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate		6	0.9585 1.0068 0.1308 0.4885		(000 + 23%)	ę	•	0.6379	\$ 0.80
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate		\$ \$	0.9585 1.0068 0.1308 0.4885 0.0038		(000 + 23%)	•	-	0.6379	\$ 0.83
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate		6	0.9585 1.0068 0.1308 0.4885 0.0038 0.0440		(000 + 20 %)	ş	•	0.6379	\$ 0.83
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate		6	0.9585 1.0068 0.1308 0.4885 0.0038		(000 + 23 %)	ę		0.6379	\$ 0.83
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate		6	0.9585 1.0068 0.1308 0.4885 0.0038 0.0440		COGwh	•	\$	0.6736	
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Hate		6	0.9585 1.0068 0.1308 0.4885 0.0038 0.0440		,		\$		/therm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Hate		6	0.9585 1.0068 0.1308 0.4885 0.0038 0.0440		COGwh	(	•	0.6736	/therm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Hate  COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13 Change in rate due to change in under/over recovery		6	0.9585 1.0068 0.1308 0.4885 0.0038 0.0440		COGwh	(	<b>\$</b>	0.6736 	/therm /therm /therm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13 Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012		6	0.9585 1.0068 0.1308 0.4885 0.0038 0.0440		COGwh	<b>4</b>	\$ \$	0.6736 -0.5126 (0.0377) -0.4749	/therm /therm /therm /therm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Hate  COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012  Change in rate due to change in under/over recovery		6	0.9585 1.0068 0.1308 0.4885 0.0038 0.0440		COGwh COGsh	<b>9</b>	\$ \$	0.6736 	/therm /therm /therm /therm /therm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012		6	0.9585 1.0068 0.1308 0.4885 0.0038 0.0440		COGwh	9	\$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703	/therm /therm /therm /therm /therm /therm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Hate  COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012  Change in rate due to change in under/over recovery		6	0.9585 1.0068 0.1308 0.4885 0.0038 0.0440		COGwh COGsh COGsh	9	\$ \$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703 0.0515	/therm Atherm Atherm Atherm Atherm Atherm Atherm Atherm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Hate  COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012		6	0.9585 1.0068 0.1308 0.4885 0.0038 0.0440		COGwh COGsh	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ \$ \$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703 0.0515 0.5218	/therm Atherm Atherm Atherm Atherm Atherm Atherm Atherm Atherm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery		6	0.9585 1.0068 0.1308 0.4885 0.0038 0.0440		COGwh COGsh COGsh COGsh	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ \$ \$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703 0.0515 0.5218 0.0193	/therm Atherm Atherm Atherm Atherm Atherm Atherm Atherm Atherm Atherm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Hate  COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012  Change in rate due to change in under/over recovery		6	0.9585 1.0068 0.1308 0.4885 0.0038 0.0440		COGwh COGsh COGsh	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ \$ \$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703 0.0515 0.5218	/therm Atherm Atherm Atherm Atherm Atherm Atherm Atherm Atherm Atherm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/2012  Average Demand Cost of Gas Rate Effective 11/01/11 05/01/2012			0.9585 1.0068 0.1308 0.4885 0.0038 0.0440 0.6671		COGwh COGsh COGsh COGsh	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ \$ \$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703 0.0515 0.5218 0.0193	/therm Aherm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Hate  COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/2012  Average Demand Cost of Gas Rate Effective 11/01/11 05/01/2012 I'mes: High Winter Use Hatio (Winter)	0.9895 -1.0026 \$ 0.1913 \$ \$ 0.3598 \$ -(0.0542) -0.0134 \$ 0.5103 \$		0.9585 1.0068 0.1308 0.4885 0.0038 0.0440 0.6671		COGwh COGsh COGsh COGsh COGsh	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703 0.0515 0.5218 0.0193 0.5411	/therm Aherm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Hate  COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/2012  Average Demand Cost of Gas Rate Effective 11/01/11 05/01/2012  I Imes: High Winter Use Hatio (Winter) Times: Correction Factor	\$ 0.1928 \$ 0.1928 \$ 0.1928 \$ 0.0542) 		0.9585 1.0068 0.1308 0.4885 0.0038 0.0440 0.6671 0.1355 1.0068		COGwh COGsh COGsh COGsh COGsh	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703 0.0515 0.5218 0.0193 0.5411	/therm Aherm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Hate  COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012  Average Demand Cost of Gas Rate Effective 11/01/11 05/01/2012  Immes: High Winter Use Hatlo (Winter)	0.9895 -1.0026 \$ 0.1913 \$ \$ 0.3598 \$ -(0.0542) -0.0134 \$ 0.5103 \$		0.9585 1.0068 0.1308 0.4885 0.0038 0.0440 0.6671		COGwh COGsh COGsh COGsh COGsh	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703 0.0515 0.5218 0.0193 0.5411	/therm Aherm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Hate  COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012  Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/2012  Average Demand Cost of Gas Rate Effective 11/01/11 05/01/2012  Ilmes: High Winter Use Hatio (Winter)  Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate	\$ 0.1928 \$ 0.1904 \$ 0.1904 \$ 0.1928 \$ 1.0026 \$ 0.1936 \$ 0.1938 \$ 0.1938 \$ 0.1938 \$ 0.1938 \$ 0.1938 \$ 0.3598 \$ 0.3598 \$		0.9585 1.0068 0.1308 0.4885 0.0038 0.0440 0.6671 0.1355 1.0068 1.0068 0.1373	Maximum	COGwh COGsh COGsh COGsh COGsh	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703 0.0515 0.5218 0.0193 0.5411	/therm Aherm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/2012  Average Demand Cost of Gas Rate Effective 11/01/11 05/01/2012 Ilmes: High Winter Use Hatio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate	\$ 0.1928 \$ 1.0014 \$ 1.0026 \$ 0.1936 \$		0.9585 1.0068 0.1308 0.4885 0.0038 0.0440 0.6671 0.1355 1.0068 1.0068 0.1373	Maximum	COGwh COGsh COGsh COGsh COGsh	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703 0.0515 0.5218 0.0193 0.5411	/therm Aherm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Hate  COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13 Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012 Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012 Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery  COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/2012  Average Demand Cost of Gas Rate Effective 11/01/11 05/01/2012  I Imes: High Winter Use Hatio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate	\$ 0.1928 \$ 0.1904 \$ 0.1904 \$ 0.1928 \$ 1.0026 \$ 0.1936 \$ 0.1938 \$ 0.1938 \$ 0.1938 \$ 0.1938 \$ 0.1938 \$ 0.3598 \$ 0.3598 \$		0.9585 1.0068 0.1308 0.4885 0.0038 0.0440 0.6671 0.1355 1.0068 1.0068 0.1373	Maximum	COGwh COGsh COGsh COGsh COGsh	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703 0.0515 0.5218 0.0193 0.5411	/therm Aherm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate  COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/2012 Times: High Winter Use Hatio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate	\$ 0.1928 \$ 0.1904 \$ 0.1936 \$ 0.1928 \$ 1.0014 1.0026 \$ 0.1936 \$ 0.3598 \$ (0.0542)		0.9585 1.0068 0.1308 0.4885 0.0038 0.0440 0.6671 0.1355 1.0068 1.0068 0.1373 0.4885 0.0038	Maximum	COGwh COGsh COGsh COGsh COGsh	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703 0.0515 0.5218 0.0193 0.5411	/therm Aherm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/2012  Average Demand Cost of Gas Rate Effective 11/01/11 05/01/2012  Ilmes: High Winter Use Hatio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind High Winter Use Cost of Gas Rate Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ 0.1928 \$ 0.1903 \$ 0.0542 0.0134 \$ 0.5103 \$ 0.1928 \$ 1.0014 1.0026 \$ 0.1936 \$ 0.3598 \$ (0.0542) 0.0134		0.9585 1.0068 0.1308 0.4885 0.0038 0.0440 0.6671 0.1355 1.0068 1.0068 0.1373 0.4885 0.0038	Maximum Minimum Maximum	COGwh COGsh COGsh COGsh COGsh (COG + 25%)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703 0.0515 0.5218 0.0193 0.5411	/therm Aherm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Hate  COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 07/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012  Average Demand Cost of Gas Rate Effective 11/01/11 05/01/2012  Ilmes: High Winter Use Hatio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Adjusted Com/Ind High Winter Use Cost of Gas Rate Adjusted Com/Ind High Winter Use Cost of Gas Rate Adjusted Com/Ind High Winter Use Cost of Gas Rate Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ 0.1928 \$ 0.1903 \$ 0.0542 0.0134 \$ 0.5103 \$ 0.1928 \$ 1.0014 1.0026 \$ 0.1936 \$ 0.3598 \$ (0.0542) 0.0134		0.9585 1.0068 0.1308 0.4885 0.0038 0.0440 0.6671 0.1355 1.0068 1.0068 0.1373 0.4885 0.0038	Maximum Minimum Maximum	COGwh COGsh COGsh COGsh COGsh COGsh SSued: By	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703 0.0515 0.5218 0.0193 0.5411 0.6408	Atherm
Times: Low Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind Low Winter Use Cost of Gas Rate COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/12  COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/13 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 06/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 08/01/2012 Change in rate due to change in under/over recovery COM/IND HIGH WINTER USE COST OF GAS RATE - 09/01/2012  Average Demand Cost of Gas Rate Effective 11/01/11 05/01/2012  Ilmes: High Winter Use Hatio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate Adjustment Cost of Gas Rate Indirect Cost of Gas Rate Adjusted Com/Ind High Winter Use Cost of Gas Rate Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ 0.1928 \$ 0.1903 \$ 0.0542 0.0134 \$ 0.5103 \$ 0.1928 \$ 1.0014 1.0026 \$ 0.1936 \$ 0.3598 \$ (0.0542) 0.0134		0.9585 1.0068 0.1308 0.4885 0.0038 0.0440 0.6671 0.1355 1.0068 1.0068 0.1373 0.4885 0.0038	Maximum Minimum Maximum	COGwh COGsh COGsh COGsh COGsh Victor D.	Section 1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.6736 0.5126 (0.0377) 0.4749 (0.0046) 0.4703 0.0515 0.5218 0.0193 0.5411 0.6408	Atherm

II. RATE SCHEDULES
CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2012 THROUGH APRIL 30, 2013 PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2011 THROUGH APRIL 30, 2012 (Refer to Text in Section 17(A) Fixed Price Option Program)

(Col 1)	(Col 2)	(Col 3)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas Projected Prorated Sales (11/01/2011 - 4/30/2012) (11/01/2012 - 4/30/2013) Direct Cost of Gas Rate	\$—61,876,339 ——82,632,661		\$ 48,820,141 77,755,617	\$ 0.6279 per therm
Demand Cost of Gas Rate Commodity Cost of Gas Rate Adjustment Cost of Gas Rate Total Direct Cost of Gas Rate	\$ 12,917,335	\$ 0.5659 \$ 0.0265	\$ 10,538,954 \$ 37,985,379 \$ 295,808 \$ 48,820,141	\$ 0.1355 \$ 0.4885 \$ 0.0038 \$ 0.6279
Total Anticipated Indirect Cost of Gas Projected Prorated Sales (11/01/2011 - 4/30/2012) (11/01/2012 - 4/30/2013) Indirect Cost of Gas	\$—3,616,575 —82,632,661		\$ 3,420,439 77,755,617	\$ 0.0440 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE NOVEMBER 1, 2011-2010 FPO Risk Premium TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE NOVEMBER 1	, 2011 <del>-2010</del>	\$ 0.7926 \$ 0.0200 \$ 0.8126		\$ 0.6719 \$ 0.0200 \$ 0.6919
RESIDENTIAL COST OF GAS RATE - 11/01/12 RESIDENTIAL COST OF GAS RATE - 11/01/2011	COGwr	\$ 0.8126	COGwr /therm	\$ 0.6919 /therm

D LOW WINTER USE COST OF GAS RATE - 11/01/12						COGwl	\$ 0.6871 /the
D LOW WINTER USE COST OF GAS RATE - 11/01/2011	-		COG	Nf	\$ 0.8111	<del>/therm</del>	
Average Cost of Gas Rate Effective 11/01/2011 11/01/2012	\$	0.1563	\$	0.1355			
Times: Low Winter Use Ratio (Winter)	\$	0.9895	\$	0.9585			
Times: Correction Factor	\$	1.0014	\$	1.0068			
Adjusted Demand Cost of Gas Rate	\$	0.1549	\$	0.1308			
Commodity Cost of Gas Rate	\$	0.5659	\$	0.4885			
Adjustment Cost of Gas Rate	\$	0.0265	\$	0.0038			
Indirect Cost of Gas Rate	\$	0.0438	\$	0.0440			
Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$	0.7911	\$	0.6671			
FPO Risk Premium	\$	0.0200	\$	0.0200			
	\$	0.8111	\$	0.6871			
D HIGH WINTER USE COST OF GAS RATE -11/01/12						COGwh	\$ 0.6936 /the
D HIGH WINTER USE COST OF GAS RATE -11/01/12 D HIGH WINTER USE COST OF GAS RATE -11/01/2011	-		COG	WF	\$ 0.8129		\$ 0.6936 /the
D HIGH WINTER USE COST OF GAS RATE - 11/01/2011	-	0.1563	COG	<b>NF</b> 0.1355	\$ 0.8129		\$ 0.6936 /the
	- \$ \$	0.1563 1.0014			\$ 0.8129		\$ 0.6936 /the
D HIGH WINTER USE COST OF GAS RATE - 11/01/2011  Average Cost of Gas Rate Effective 11/01/2011-11/01/2012	- \$ \$		\$	0.1355	\$ 0.8129		\$ 0.6936 /the
D HIGH WINTER USE COST OF GAS RATE - 11/01/2011  Average Cost of Gas Rate Effective 11/01/2011 - 11/01/2012  Times: High Winter Use Ratio (Winter)	- \$ \$	1.0014	\$	0.1355 1.0068	\$ 0.8129		\$ 0.6936 /the
D HIGH WINTER USE COST OF GAS RATE - 11/01/2011  Average Cost of Gas Rate Effective 11/01/2011-11/01/2012  Times: High Winter Use Ratio (Winter)  Times: Correction Factor	\$ \$ \$ \$ \$ \$	1.0014 1.0014	\$ \$ \$	0.1355 1.0068 1.0068	\$ 0.8129		\$ 0.6936 /the
D HIGH WINTER USE COST OF GAS RATE - 11/01/2011  Average Cost of Gas Rate Effective 11/01/2011-11/01/2012 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate	\$ \$ \$ \$	1.0014 1.0014 0.1567 0.5659 0.0265	\$ \$ \$	0.1355 1.0068 1.0068 0.1373 0.4885 0.0038	\$ 0.8129		\$ 0.6936 /the
D HIGH WINTER USE COST OF GAS RATE - 11/01/2011  Average Cost of Gas Rate Effective 11/01/2011 - 11/01/2012  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.0014 1.0014 0.1567 0.5659	\$ \$ \$ \$	0.1355 1.0068 1.0068 0.1373 0.4885	\$ 0.8129		\$ 0.6936 /the
D HIGH WINTER USE COST OF GAS RATE - 11/01/2011  Average Cost of Gas Rate Effective 11/01/2011-11/01/2012 Times: High Winter Use Ratio (Winter) Times: Correction Factor Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate Adjustment Cost of Gas Rate	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.0014 1.0014 0.1567 0.5659 0.0265	\$ \$ \$ \$	0.1355 1.0068 1.0068 0.1373 0.4885 0.0038	\$ 0.8129		\$ 0.6936 /the
D HIGH WINTER USE COST OF GAS RATE - 11/01/2011  Average Cost of Gas Rate Effective 11/01/2011 - 11/01/2012  Times: High Winter Use Ratio (Winter)  Times: Correction Factor  Adjusted Demand Cost of Gas Rate  Commodity Cost of Gas Rate  Adjustment Cost of Gas Rate  Indirect Cost of Gas Rate	-	1.0014 1.0014 0.1567 0.5659 0.0265 0.0438	\$ \$ \$ \$ \$ \$	0.1355 1.0068 1.0068 0.1373 0.4885 0.0038 0.0440	\$ 0.8129		\$ 0.6936 /the

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(Col 1)	<del>(Col 2)</del>	<del>(Col 3)</del>	<del>(Col 4)</del>	(Col 2)	(Col 3)	(Col	4)
ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES:							
PROPANE	\$			\$ -			
LNG	<del>\$ 381,653</del>			291,366			
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	381,653 9.9% \$37,784			291,366 9.9% \$ 28,845			
PROJECTED FIRM THROUGHPUT (THERMS): FIRM SALES FIRM TRANSPORTATION SUBJECT TO FTCG TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	-82,647,332 -36,930,101 -119,577,433	69.1% <u>30.9%</u> 100.0%		77,826,455 41,120,858 118,947,312	65.4% <u>34.6%</u> 100.0%		
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	<del>30.9%</del>	<del>37,784</del> =	\$ <del>11,669</del>	34.6% x \$	28,845 =	- \$ 9	,972
PRIOR (OVER) OR UNDER COLLECTION			(10,838)			(1	,888)
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTON	MERS		\$ 831			\$ 8	,084
PROJECTED FIRM TRANSPORTATION THROUGHPUT			36,930,101			41,120	,858,
FIRM TRANSPORTATION COST OF GAS ADJUSTMENT			<del>\$0.0000</del>			\$0.0	0002

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### **Manfactured Gas Plants**

Required annual increase in rates	<del>\$56,582</del>	\$256,547	
DG 10-17 Base Rate Revision Collections	<del>-\$78,892</del>	-\$78,892	
Environmental Subtotal	<del>\$22,310</del>	\$177,655	
Overall Annual Net Increase to Rates	<del>\$0</del>	\$177,655	

Estimated weather normalized firm therms billed for the twelve months ended  $10/31/13 \frac{10/31/12}{10/31/12}$  - sales and

transportation <u>-163,588,592</u> 158,062,349 therms

Surcharge per therm \$\frac{\\$0.0000}{\} \per therm

Total Environmental Surcharge \$0.0000 \$0.0011

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

### **Rate Case Expense Factors for Resdential Customers**

Rate Case Expense	\$ 623,004	\$ 1,112,811 -
Temporary Rate Reconciliation - DG 10-017 Sipulation per Settlement Argument - DG 10-017	\$ -	
Reconciliation DG 08-009 and Merger Incentive DG 06-707	-	<del>(143,593.0)</del> -
Total Rate Case Expense/Temporary Rate Reconciliation Recoverable	\$ 623,004	\$ 2,091,860
OffPeak 2011 Rate Case Expense Factor	0.011612706	0.0052
OffPeak 2011 Projected Volumes	16,967,216	<del>36,952,643</del>
OffPeak 2011 Rate Case Expense Collection	197,035	192,154
Total Net Rate Case Expense/Temporary Rate Reconciliation Recoverable	425,969	<del>1,899,706</del>
Forecasted Annual Throughput Volumes for Residential Customer (A:VOLres)	57,541,620	<del>61,976,058</del>
Forecasted Annual Throughput Volumes for Commercial/Industrial Customer (A:VOLc&i)	100,520,729	<del>101,612,535</del>
	158,062,349	<del>- 163,588,592</del>
Total Volumes		
Rate Case Expense Factor	\$ 0.0027	\$ 0.0116

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### **Local Distribution Adjustment Charge Calculation**

<u> </u>	it Gridings G	<u> </u>	<u>.</u>	Sales	Tı	Transporatation Customers	
Residential Non Heating Rates - R-1				<u>Customers</u>		Customers	
Energy Efficiency Charge	\$0.0498		\$0.0147				
Demand Side Management Charge	0.0000		0.0000				
Conservation Charge (CCx)	0.0000	<del>\$0.0498</del>	0.0000	\$0.0147			
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants	0.0000 0.0000		0.0000 0.0011				
Environmental Surcharge (ES)	<del>0.0000</del>	0.0000	0.0011	0.0011			
Interruptible Transportation Margin Credit (ITMC)		0.0000		0.0000			
Cost Allowance Adjustment Factor		<del>(0.0013)</del>		0.0000			
Rate Case Expense Factor (RCEF)		0.0116		0.0027			
Residential Low Income Assistance Program (RLIAP)	-	0.0092	,	0.0073			
LDAC		\$ <del>0.0693</del>		\$0.0258			per therm
Residential Heating Rates - R-3, R-4							
Energy Efficiency Charge	<del>\$0.0498</del>		\$0.0147				
Demand Side Management Charge Conservation Charge (CCx)	0.0000	\$0.0498	0.0000	\$0.0147			
Relief Holder and pond at Gas Street, Concord, NH	0.0000	<del>фо.очоо</del>	0.0000	φυ.υ147			
Manufactured Gas Plants	0.0000		0.0011				
Environmental Surcharge (ES)		0.0000		0.0011			
Cost Allowance Adjustment Factor		(0.0013)		0.0000			
Rate Case Expense Factor (RCEF)		0.0116		0.0027			
Residential Low Income Assistance Program (RLIAP)  LDAC	-	<del>0.0092</del> <b>\$0.0693</b>	•	0.0073 <b>\$0.0258</b>			per therm
EDAC		<del>φυ.υυσυ</del>		φυ.υ <b>2</b> 36			per merm
Commercial/Industrial Low Annual Use Rates - G-41 Energy Efficiency Charge	<u>, G-51</u> \$0.0298		\$0.0076				
Demand Side Management Charge	0.0000		0.0000				
Conservation Charge (CCx)		\$0.0298	0.0000	\$0.0076	\$0.0298	\$0.0076	
Relief Holder and pond at Gas Street, Concord, NH	0.0000		0.0000				
Manufactured Gas Plants	0.0000		0.0011				
Environmental Surcharge (ES)		0.0000		0.0011	0.0000	0.0011	
Cost Allowance Adjustment Factor Gas Restructuring Expense Factor (GREF)		<del>(0.0013)</del> 0.0000		0.0000 0.0000	<del>0.0023</del> <del>0.0000</del>	0.0000	
Rate Case Expense Factor (RCEF)		<del>0.0116</del>		0.0007	0.0116	0.0027	
Residential Low Income Assistance Program (RLIAP)		0.0092		0.0073	0.0092	0.0073	
LDAC	-	\$0.0493	•	\$0.0187	\$0.0529	\$0.0187	per therm
Commercial/Industrial Medium Annual Use Rates - C							
Energy Efficiency Charge Demand Side Management Charge	\$0.0298		\$0.0076				
Conservation Charge (CCx)	0.0000	\$0.0298	0.0000	\$0.0076	\$0.0298	\$0.0076	
Relief Holder and pond at Gas Street, Concord, NH	0.0000	Ψ0.0200	0.0000	ψ0.0070	ψο.ο2οο	φο.σο7 σ	
Manufactured Gas Plants	0.0000		0.0011				
Environmental Surcharge (ES)		0.0000		0.0011	0.0000	0.0011	
Cost Allowance Adjustment Factor		<del>(0.0013)</del>		0.0000	0.0023	0.0000	
Gas Restructuring Expense Factor (GREF) Rate Case Expense Factor (RCEF)		0.0000 0.0116		0.0000 0.0027	<del>0.0000</del> <del>0.0116</del>	0.0000 0.0027	
Residential Low Income Assistance Program (RLIAP)		0.0092		0.0027	0.0092	0.0027	
LDAC	-	\$0.0493	•	\$0.0187	\$0.0529		per therm
Commercial/Industrial Large Annual Use Rates - G-4	3, G-53, G-5	<u>4</u>					
Energy Efficiency Charge	\$0.0298		\$0.0076				
Demand Side Management Charge	0.0000		0.0000			<b>.</b>	
Conservation Charge (CCx)	0.0000	<del>\$0.0298</del>	0.0000	\$0.0076	<del>\$0.0298</del>	\$0.0076	
Relief Holder and pond at Gas Street, Concord, NH Manufactured Gas Plants	0.0000 0.0000		0.0000 0.0011				
Environmental Surcharge (ES)	<del>0.0000</del>	0.0000	0.0011	0.0011	0.0000	0.0011	
Cost Allowance Adjustment Factor		(0.0013)		0.0000	0.0023	0.0000	
Gas Restructuring Expense Factor (GREF)		0.0000		0.0000	0.0000	0.0000	
Rate Case Expense Factor (RCEF)		0.0116		0.0027	<del>0.0116</del>	0.0027	
Residential Low Income Assistance Program (RLIAP)	-	0.0092		0.0073	<del>0.0092</del>	0.0073	
LDAC		<del>\$0.0493</del>		\$0.0187	<del>\$0.0529</del>	φυ.υ18/	per therm

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### **III DELIVERY TERMS AND CONDITIONS**

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### ATTACHMENT B

### Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: \$0.22 \$0.19 per MMBtu of Daily Imbalance Volumes II. Capacity Mitigation Fee 15% of the Proceeds from the Marketing of Capacity for Mitigation. III. Peaking Demand Charge \$18.96 \$18.62 MMBTU of Peak MDQ. IV. Company Allowance Calculation (per Schedule 25) 157,306,800 138.409.150 Total Sendout - Therms Jul-2011 - Jun-2012

155,168,138 136,259,218 Total Throughput - Therms Jul-2011 - Jun-2012 2.138.662 2,149,932 Variance (Sendout - Throughput)

Company Allowance Percentage 2012-13 1.6% Variance / Total Sendout 1.4%

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### **III DELIVERY TERMS AND CONDITIONS**

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### ATTACHMENT C

### **CAPACITY ALLOCATORS**

Rate Class		Pipeline	Storage	Peaking	Total
		<del>38%</del>	<del>21 %</del>	<del>41%</del>	
G-41	Low Annual /High Winter Use	38.0%	21.0%	41.0%	100.0%
		<del>52%</del>	<del>16%</del>	<del>32%</del>	
G-51	Low Annual /Low Winter Use	49.0%	17.0%	34.0%	100.0%
		<del>38%</del>	<del>21 %</del>	4 <del>1 %</del>	
G-42	Medium Annual / High Winter	38.0%	21.0%	41.0%	100.0%
		<del>52%</del>	<del>16%</del>	<del>32%</del>	
G-52	High Annual / Low Winter Use	49.0%	17.0%	34.0%	100.0%
		<del>38%</del>	<del>21 %</del>	4 <del>1 %</del>	
G-43	High Annual / High Winter	38.0%	21.0%	41.0%	100.0%
		<del>52%</del>	<del>16%</del>	<del>32%</del>	
G-53	High Annual / Load Factor < 90%	49.0%	17.0%	34.0%	100.0%
		<del>52%</del>	<del>16%</del>	<del>32%</del>	
G-54	High Annual / Load Factor > 90%	49.0%	17.0%	34.0%	100.0%

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