

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.

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David R. Swain
Title: President

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II RATE SCHEDULES
FIRM RATE SCHEDULES

	Winter Period				Summer Period			
	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 77</u>	<u>LDAC Page 82</u>	<u>Total Rate</u>	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 77</u>	<u>LDAC Page 82</u>	<u>Total Rate</u>
<u>Residential Non Heating - R-1</u>								
Customer Charge per Month per Meter	\$15.24			\$ 15.24	\$ 15.24			\$ 15.24
All therms	\$ 0.2014	\$ 0.2634	\$ 0.1014	\$ 0.5662	\$ 0.2014	\$ 0.4117	\$ 0.1014	\$ 0.7145
<u>Residential Heating - R-3</u>								
Customer Charge per Month per Meter	\$22.04			\$ 22.04	\$ 22.04			\$ 22.04
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.3486	\$ 0.2634	\$ 0.1014	\$ 0.7134	\$ 0.3486	\$ 0.4117	\$ 0.1014	\$ 0.8617
All therms over the first block per month at	\$ 0.2885	\$ 0.2634	\$ 0.1014	\$ 0.6533	\$ 0.2885	\$ 0.4117	\$ 0.1014	\$ 0.8016
<u>Residential Heating - R-4</u>								
Customer Charge per Month per Meter	\$8.82			\$ 8.82	\$ 8.82			\$ 8.82
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.1394	\$ 0.2634	\$ 0.1014	\$ 0.5042	\$ 0.1394	\$ 0.4117	\$ 0.1014	\$ 0.6525
All therms over the first block per month at	\$ 0.1153	\$ 0.2634	\$ 0.1014	\$ 0.4801	\$ 0.1153	\$ 0.4117	\$ 0.1014	\$ 0.6284
<u>Commercial/Industrial - G-41</u>								
Customer Charge per Month per Meter	\$48.24			\$ 48.24	\$ 48.24			\$ 48.24
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.3956	\$ 0.2572	\$ 0.0685	\$ 0.7213	\$ 0.3956	\$ 0.3976	\$ 0.0685	\$ 0.8617
All therms over the first block per month at	\$ 0.2657	\$ 0.2572	\$ 0.0685	\$ 0.5914	\$ 0.2657	\$ 0.3976	\$ 0.0685	\$ 0.7318
<u>Commercial/Industrial - G-42</u>								
Customer Charge per Month per Meter	\$144.73			\$ 144.73	\$ 144.73			\$ 144.73
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.3598	\$ 0.2572	\$ 0.0685	\$ 0.6855	\$ 0.3598	\$ 0.3976	\$ 0.0685	\$ 0.8259
All therms over the first block per month at	\$ 0.2396	\$ 0.2572	\$ 0.0685	\$ 0.5653	\$ 0.2396	\$ 0.3976	\$ 0.0685	\$ 0.7057
<u>Commercial/Industrial - G-43</u>								
Customer Charge per Month per Meter	\$621.12			\$ 621.12	\$ 621.12			\$ 621.12
All therms over the first block per month at	\$ 0.2210	\$ 0.2572	\$ 0.0685	\$ 0.5467	\$ 0.1011	\$ 0.3976	\$ 0.0685	\$ 0.5672
<u>Commercial/Industrial - G-51</u>								
Customer Charge per Month per Meter	\$48.24			\$ 48.24	\$ 48.24			\$ 48.24
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.2384	\$ 0.2765	\$ 0.0685	\$ 0.5834	\$ 0.2384	\$ 0.4415	\$ 0.0685	\$ 0.7484
All therms over the first block per month at	\$ 0.1549	\$ 0.2765	\$ 0.0685	\$ 0.4999	\$ 0.1549	\$ 0.4415	\$ 0.0685	\$ 0.6649
<u>Commercial/Industrial - G-52</u>								
Customer Charge per Month per Meter	\$144.73			\$ 144.73	\$ 144.73			\$ 144.73
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.2047	\$ 0.2765	\$ 0.0685	\$ 0.5497	\$ 0.1484	\$ 0.4415	\$ 0.0685	\$ 0.6584
All therms over the first block per month at	\$ 0.1364	\$ 0.2765	\$ 0.0685	\$ 0.4814	\$ 0.0843	\$ 0.4415	\$ 0.0685	\$ 0.5943
<u>Commercial/Industrial - G-53</u>								
Customer Charge per Month per Meter	\$639.21			\$ 639.21	\$ 639.21			\$ 639.21
All therms over the first block per month at	\$ 0.1430	\$ 0.2765	\$ 0.0685	\$ 0.4880	\$ 0.0687	\$ 0.4415	\$ 0.0685	\$ 0.5787
<u>Commercial/Industrial - G-54</u>								
Customer Charge per Month per Meter	\$639.21			\$ 639.21	\$ 639.21			\$ 639.21
All therms over the first block per month at	\$ 0.0546	\$ 0.2765	\$ 0.0685	\$ 0.3996	\$ 0.0296	\$ 0.4415	\$ 0.0685	\$ 0.5396

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David R. Swain
Title: President

Anticipated Cost of Gas

PERIOD COVERED: SUMMER PERIOD, MAY 1, 2016 THROUGH OCTOBER 31, 2016
(REFER TO TEXT IN SECTION 16 COST OF GAS CLAUSE)

(Col 1)	(Col 2)	(Col 3)
<u>ANTICIPATED DIRECT COST OF GAS</u>		
Purchased Gas:		
Demand Costs:	\$ 4,602,902	
Supply Costs:	2,086,877	
Storage Gas:		
Demand, Capacity:	\$ -	
Commodity Costs:	240,661	
Produced Gas:		
	\$ 25,890	
Hedged Contract (Savings)/Loss		
	\$ -	
Unadjusted Anticipated Cost of Gas		\$ 6,956,330
Adjustments:		
Prior Period (Over)/Under Recovery (as of October 31, 2015)	\$ 963,754	
Interest	33,267	
Prior Period Adjustments	-	
Broker Revenues	-	
Refunds from Suppliers	-	
Fuel Financing	-	
Transportation CGA Revenues	-	
Interruptible Sales Margin	-	
Capacity Release Margin	-	
Hedging Costs	-	
Fixed Price Option Administrative Costs	-	
Total Adjustments		<u>997,021</u>
Total Anticipated Direct Cost of Gas		\$ 7,953,351
Anticipated Indirect Cost of Gas		
Working Capital:		
Total Unadjusted Anticipated Cost of Gas 05/01/16 - 10/31/16)	\$ 6,956,330	
Working Capital Rate - Lead Lag Days / 365	0.0391	
Prime Rate	3.50%	
Working Capital Percentage	0.137%	
Working Capital	\$ 9,521	
Plus: Working Capital Reconciliation (Acct 1163-1424)	<u>14,110</u>	
Total Working Capital Allowance		\$ 23,631
Bad Debt:		
Total Unadjusted Anticipated Cost of Gas 05/01/16 - 10/31/16)	\$ 6,956,330	
Less: Refunds	-	
Plus: Total Working Capital	23,631	
Plus: Prior Period (Over)/Under Recovery	<u>963,754</u>	
Subtotal	\$ 7,943,715	
Bad Debt Percentage	<u>4.27%</u>	
Bad Debt Allowance	\$ 339,197	
Plus: Bad Debt Reconciliation (Acct 1163-1754)	<u>(86,856)</u>	
Total Bad Debt Allowance		252,340
Production and Storage Capacity		
		-
Miscellaneous Overhead (05/01/16 - 10/31/16)	\$ 13,170	
Times Summer Sales	20,074	
Divided by Total Sales	<u>99,259</u>	
Miscellaneous Overhead		<u>2,663</u>
Total Anticipated Indirect Cost of Gas		\$ 278,635
Total Cost of Gas		\$ 8,231,986

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CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: SUMMER PERIOD, MAY 1, 2016 THROUGH OCTOBER 31, 2016
(Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 7,953,351	
Projected Prorated Sales (05/01/16 - 10/31/16)	19,992,221	
Direct Cost of Gas Rate		\$ 0.3978 per therm
Demand Cost of Gas Rate	\$ 4,602,902	\$ 0.2302 per therm
Commodity Cost of Gas Rate	2,353,428	\$ 0.1177 per therm
Adjustment Cost of Gas Rate	<u>997,021</u>	<u>\$ 0.0499 per therm</u>
Total Direct Cost of Gas Rate	\$ 7,953,351	\$ 0.3978 per therm
Total Anticipated Indirect Cost of Gas	\$ 278,635	
Projected Prorated Sales (05/01/16 - 10/31/16)	19,992,221	
Indirect Cost of Gas		\$ 0.0139 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/16		\$ 0.4117 per therm
RESIDENTIAL COST OF GAS RATE - 05/01/2016	COGsr	\$ 0.4117 /therm

Maximum (COG + 25%) \$ 0.5146

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/2016	COGsl	\$ 0.4415 /therm
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Average Demand Cost of Gas Rate Effective 05/01/16	\$ 0.2302		
Times: Low Winter Use Ratio (Summer)	1.1635	Maximum (COG + 25%)	\$ 0.5519
Times: Correction Factor	<u>0.9708</u>		
Adjusted Demand Cost of Gas Rate	\$ 0.2600		
Commodity Cost of Gas Rate	\$ 0.1177		
Adjustment Cost of Gas Rate	\$ 0.0499		
Indirect Cost of Gas Rate	<u>\$ 0.0139</u>		
Adjusted Com/Ind Low Winter Use Cost of Gas Rate	\$ 0.4415		

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2016	COGsh	\$ 0.3976 /therm
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Average Demand Cost of Gas Rate Effective 05/01/16	\$ 0.2302		
Times: High Winter Use Ratio (Summer)	0.9669	Maximum (COG + 25%)	\$ 0.4970
Times: Correction Factor	<u>0.9708</u>		
Adjusted Demand Cost of Gas Rate	\$ 0.2161		
Commodity Cost of Gas Rate	\$ 0.1177		
Adjustment Cost of Gas Rate	\$ 0.0499		
Indirect Cost of Gas Rate	<u>\$ 0.0139</u>		
Adjusted Com/Ind High Winter Use Cost of Gas Rate	\$ 0.3976		

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