EXHIBIT

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#10

NHPUC NO. 8 - GAS
LIBERTY UTILITIES

Proposed ~~Twentieth~~ Twenty-first Revised Page 74
Superseding Twentieth Revised Page 74

II RATE SCHEDULES
FIRM RATE SCHEDULES

	Winter Period				Summer Period			
	Delivery Charge	Cost of Gas Rate Page 77	LDAC Page 82	Total Rate	Delivery Charge	Cost of Gas Rate Page 77	LDAC Page 82	Total Rate
Residential Non Heating - R-1								
Customer Charge per Month per Meter	$ 16.88			$ 16.88	$ 16.88			$ 16.88
All Therms	$ 0.2231	$ 0.6445	$ 0.0856	$ 0.9532	$ 0.2231	$ 0.3133	$ 0.0856	$ 0.6220
	~~$ 0.2018~~	~~$ 0.4002~~	~~$ 0.0640~~	~~$ 0.6660~~				
Residential Heating - R-3								
Customer Charge per Month per Meter	$ 24.43			$ 24.43	$ 24.43			$ 24.43
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.3863	$ 0.6445	$ 0.0856	$ 1.1164	$ 0.3863	$ 0.3133	$ 0.0856	$ 0.7852
	~~$ 0.3495~~	~~$ 0.4002~~	~~$ 0.0640~~	~~$ 0.8137~~				
All therms over the first block per month at	$ 0.3197	$ 0.6445	$ 0.0856	$ 1.0498	$ 0.3197	$ 0.3133	$ 0.0856	$ 0.7186
	~~$ 0.2892~~	~~$ 0.4002~~	~~$ 0.0640~~	~~$ 0.7534~~				
Residential Heating - R-4								
Customer Charge per Month per Meter	$ 9.77			$ 9.77	$ 9.77			$ 9.77
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.1545	$ 0.6445	$ 0.0856	$ 0.8846	$ 0.1545	$ 0.3133	$ 0.0856	$ 0.5534
	~~$ 0.1398~~	~~$ 0.4002~~	~~$ 0.0640~~	~~$ 0.6040~~				
All therms over the first block per month at	$ 0.1278	$ 0.6445	$ 0.0856	$ 0.8579	$ 0.1278	$ 0.3133	$ 0.0856	$ 0.5267
	~~$ 0.1156~~	~~$ 0.4002~~	~~$ 0.0640~~	~~$ 0.5798~~				
Commercial/Industrial - G-41								
Customer Charge per Month per Meter	$ 53.45			$ 53.45	$ 53.45			$ 53.45
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.4383	$ 0.6433	$ 0.0674	$ 1.1490	$ 0.4383	$ 0.3084	$ 0.0674	$ 0.8141
	~~$ 0.3965~~	~~$ 0.3961~~	~~$ 0.0450~~	~~$ 0.8376~~				
All therms over the first block per month at	$ 0.2944	$ 0.6433	$ 0.0674	$ 1.0051	$ 0.2944	$ 0.3084	$ 0.0674	$ 0.6702
	~~$ 0.2663~~	~~$ 0.3961~~	~~$ 0.0450~~	~~$ 0.7074~~				
Commercial/Industrial - G-42								
Customer Charge per Month per Meter	$ 160.36			$ 160.36	$ 160.36			$ 160.36
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	$ 0.3986	$ 0.6433	$ 0.0674	$ 1.1093	$ 0.3986	$ 0.3084	$ 0.0674	$ 0.7744
	~~$ 0.3606~~	~~$ 0.3961~~	~~$ 0.0450~~	~~$ 0.8017~~				
All therms over the first block per month at	$ 0.2655	$ 0.6433	$ 0.0674	$ 0.9762	$ 0.2655	$ 0.3084	$ 0.0674	$ 0.6413
	~~$ 0.2402~~	~~$ 0.3961~~	~~$ 0.0450~~	~~$ 0.6813~~				
Commercial/Industrial - G-43								
Customer Charge per Month per Meter	$ 688.20			$ 688.20	$ 688.20			$ 688.20
All therms over the first block per month at	$ 0.2449	$ 0.6433	$ 0.0674	$ 0.9556	$ 0.1120	$ 0.3084	$ 0.0674	$ 0.4878
	~~$ 0.2216~~	~~$ 0.3961~~	~~$ 0.0450~~	~~$ 0.6627~~				
Commercial/Industrial - G-51								
Customer Charge per Month per Meter	$ 53.45			$ 53.45	$ 53.45			$ 53.45
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	$ 0.2642	$ 0.6560	$ 0.0674	$ 0.9876	$ 0.2642	$ 0.3299	$ 0.0674	$ 0.6615
	~~$ 0.2390~~	~~$ 0.4145~~	~~$ 0.0450~~	~~$ 0.6985~~				
All therms over the first block per month at	$ 0.1717	$ 0.6560	$ 0.0674	$ 0.8951	$ 0.1717	$ 0.3299	$ 0.0674	$ 0.5690
	~~$ 0.1553~~	~~$ 0.4145~~	~~$ 0.0450~~	~~$ 0.6148~~				
Commercial/Industrial - G-52								
Customer Charge per Month per Meter	$ 160.36			$ 160.36	$ 160.36			$ 160.36
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	$ 0.2268	$ 0.6560	$ 0.0674	$ 0.9502	$ 0.1644	$ 0.3299	$ 0.0674	$ 0.5617
	~~$ 0.2052~~	~~$ 0.4145~~	~~$ 0.0450~~	~~$ 0.6647~~				
All therms over the first block per month at	$ 0.1511	$ 0.6560	$ 0.0674	$ 0.8745	$ 0.0934	$ 0.3299	$ 0.0674	$ 0.4907
	~~$ 0.1367~~	~~$ 0.4145~~	~~$ 0.0450~~	~~$ 0.5962~~				
Commercial/Industrial - G-53								
Customer Charge per Month per Meter	$ 708.24			$ 708.24	$ 708.24			$ 708.24
All therms over the first block per month at	$ 0.1585	$ 0.6560	$ 0.0674	$ 0.8819	$ 0.0760	$ 0.3299	$ 0.0674	$ 0.4733
	~~$ 0.1434~~	~~$ 0.4145~~	~~$ 0.0450~~	~~$ 0.6029~~				
Commercial/Industrial - G-54								
Customer Charge per Month per Meter	$ 708.24			$ 708.24	$ 708.24			$ 708.24
All therms over the first block per month at	$ 0.0605	$ 0.6560	$ 0.0674	$ 0.7839	$ 0.0328	$ 0.3299	$ 0.0674	$ 0.4301
	~~$ 0.0547~~	~~$ 0.4145~~	~~$ 0.0450~~	~~$ 0.5142~~				

Issued: ~~March 24, 2017~~ October xx, 2017

Effective ~~April 1, 2017~~ November 1, 2017

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James M. Sweeney

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II RATE SCHEDULES
FIRM RATE SCHEDULES

	Winter Period				Summer Period			
	Delivery Charge	Cost of Gas Rate Page 77	LDAC Page 82	Total Rate	Delivery Charge	Cost of Gas Rate Page 77	LDAC Page 82	Total Rate
Residential Non Heating - R-5								
Customer Charge per Month per Meter	$21.94			$ 21.94	$ 21.94			$ 21.94
All Therms	$ 0.2900	$ 0.6445	$ 0.0856	$ 1.0201	$ 0.2900	$ 0.3133	$ 0.0856	$ 0.6889
	~~$ 0.2623~~	~~$ 0.4002~~	~~$ 0.0640~~	~~$ 0.7265~~				
Residential Heating - R-6								
Customer Charge per Month per Meter	$31.76			$ 31.76	$ 31.76			$ 31.76
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.5022	$ 0.6445	$ 0.0856	$ 1.2323	$ 0.5022	$ 0.3133	$ 0.0856	$ 0.9011
	~~$ 0.4544~~	~~$ 0.4002~~	~~$ 0.0640~~	~~$ 0.9186~~				
All therms over the first block per month at	$ 0.4156	$ 0.6445	$ 0.0856	$ 1.1457	$ 0.4156	$ 0.3133	$ 0.0856	$ 0.8145
	~~$ 0.3760~~	~~$ 0.4002~~	~~$ 0.0640~~	~~$ 0.8402~~				
Residential Heating - R-7								
Customer Charge per Month per Meter	$12.70			$ 12.70	$ 12.70			$ 12.70
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.2009	$ 0.6445	$ 0.0856	$ 0.9310	$ 0.2009	$ 0.3133	$ 0.0856	$ 0.5998
	~~$ 0.1817~~	~~$ 0.4002~~	~~$ 0.0640~~	~~$ 0.6459~~				
All therms over the first block per month at	$ 0.1661	$ 0.6445	$ 0.0856	$ 0.8962	$ 0.1661	$ 0.3133	$ 0.0856	$ 0.5650
	~~$ 0.1503~~	~~$ 0.4002~~	~~$ 0.0640~~	~~$ 0.6145~~				
Commercial/Industrial - G-44								
Customer Charge per Month per Meter	$69.49			$ 69.49	$ 69.49			$ 69.49
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.5698	$ 0.6433	$ 0.0674	$ 1.2805	$ 0.5698	$ 0.3084	$ 0.0674	$ 0.9456
	~~$ 0.5155~~	~~$ 0.3961~~	~~$ 0.0450~~	~~$ 0.9566~~				
All therms over the first block per month at	$ 0.3827	$ 0.6433	$ 0.0674	$ 1.0934	$ 0.3827	$ 0.3084	$ 0.0674	$ 0.7585
	~~$ 0.3462~~	~~$ 0.3961~~	~~$ 0.0450~~	~~$ 0.7873~~				
Commercial/Industrial - G-45								
Customer Charge per Month per Meter	$208.47			$ 208.47	$ 208.47			$ 208.47
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	$ 0.5182	$ 0.6433	$ 0.0674	$ 1.2289	$ 0.5182	$ 0.3084	$ 0.0674	$ 0.8940
	~~$ 0.4688~~	~~$ 0.3961~~	~~$ 0.0450~~	~~$ 0.9099~~				
All therms over the first block per month at	$ 0.3452	$ 0.6433	$ 0.0674	$ 1.0559	$ 0.3452	$ 0.3084	$ 0.0674	$ 0.7210
	~~$ 0.3123~~	~~$ 0.3961~~	~~$ 0.0450~~	~~$ 0.7534~~				
Commercial/Industrial - G-46								
Customer Charge per Month per Meter	$894.66			$ 894.66	$ 894.66			$ 894.66
All therms over the first block per month at	$ 0.3184	$ 0.6433	$ 0.0674	$ 1.0291	$ 0.1456	$ 0.3084	$ 0.0674	$ 0.5214
	~~$ 0.2881~~	~~$ 0.3961~~	~~$ 0.0450~~	~~$ 0.7292~~				
Commercial/Industrial - G-55								
Customer Charge per Month per Meter	$69.49			$ 69.49	$ 69.49			$ 69.49
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	$ 0.3434	$ 0.6560	$ 0.0674	$ 1.0668	$ 0.3434	$ 0.3299	$ 0.0674	$ 0.7407
	~~$ 0.3107~~	~~$ 0.4145~~	~~$ 0.0450~~	~~$ 0.7702~~				
All therms over the first block per month at	$ 0.2232	$ 0.6560	$ 0.0674	$ 0.9466	$ 0.2232	$ 0.3299	$ 0.0674	$ 0.6205
	~~$ 0.2019~~	~~$ 0.4145~~	~~$ 0.0450~~	~~$ 0.6614~~				
Commercial/Industrial - G-56								
Customer Charge per Month per Meter	$208.47			$ 208.47	$ 208.47			$ 208.47
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	$ 0.2949	$ 0.6560	$ 0.0674	$ 1.0183	$ 0.2137	$ 0.3299	$ 0.0674	$ 0.6110
	~~$ 0.2667~~	~~$ 0.4145~~	~~$ 0.0450~~	~~$ 0.7262~~				
All therms over the first block per month at	$ 0.1964	$ 0.6560	$ 0.0674	$ 0.9198	$ 0.1214	$ 0.3299	$ 0.0674	$ 0.5187
	~~$ 0.1777~~	~~$ 0.4145~~	~~$ 0.0450~~	~~$ 0.6372~~				
Commercial/Industrial - G-57								
Customer Charge per Month per Meter	$920.72			$ 920.72	$ 920.72			$ 920.72
All therms over the first block per month at	$ 0.2061	$ 0.6560	$ 0.0674	$ 0.9295	$ 0.0989	$ 0.3299	$ 0.0674	$ 0.4962
	~~$ 0.1864~~	~~$ 0.4145~~	~~$ 0.0450~~	~~$ 0.6459~~				
Commercial/Industrial - G-58								
Customer Charge per Month per Meter	$920.72			$ 920.72	$ 920.72			$ 920.72
All therms over the first block per month at	$ 0.0786	$ 0.6560	$ 0.0674	$ 0.8020	$ 0.0427	$ 0.3299	$ 0.0674	$ 0.4400
	~~$ 0.0711~~	~~$ 0.4145~~	~~$ 0.0450~~	~~$ 0.5306~~				

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~~Issued in compliance with NHPUC Order No. 25,958 dated October 26, 2016 in Docket DG 16-814.~~

Anticipated Cost of Gas
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2017 THROUGH APRIL 30, 2018
~~PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2016 THROUGH APRIL 30, 2017~~
(REFER TO TEXT ON IN SECTION 16 COST OF GAS CLAUSE)

(Col 1)	~~(Col 2)~~	~~(Col 3)~~	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS				
Purchased Gas:				
Demand Costs:	~~$ 7,517,898~~		$ 9,099,131	
Supply Costs:	~~$ 49,523,042~~		40,677,774	
Storage Gas:				
Demand, Capacity:	~~941,660~~		876,359	
Commodity Costs:	~~4,026,000~~		4,238,570	
Produced Gas:	~~1,797,499~~		2,924,348	
Hedged Contract Savings			-	
Hedge Underground Storage Contract (Savings)/Loss				
Unadjusted Anticipated Cost of Gas		~~$ 63,816,099~~		$ 57,816,182
Adjustments:				
Prior Period (Over)/Under Recovery (as of ~~Nov 1, 2016~~ Nov 1, 2017)	~~$ 2,600,610~~		$ 1,714,057	
Interest	~~14,641~~		(112,910)	
Prior Period Adjustments			-	
Broker Revenues	~~(1,374,947)~~		(4,580,575)	
Refunds from Suppliers			-	
Fuel Financing			-	
Transportation CGA Revenues	~~(29,471)~~		(138,320)	
Interruptible Sales Margin			-	
Capacity Release and Off System Sales Margin	~~(5,448,856)~~		(2,099,545)	
Hedging Costs			-	
Fixed Price Option Administrative Costs	~~41,972~~		45,000	
Total Adjustments		~~(4,106,050)~~		(5,172,293)
Total Anticipated Direct Cost of Gas		~~$ 59,710,049~~		$ 52,643,890
Anticipated Indirect Cost of Gas				
Working Capital:				
Total anticipated Direct Cost of Gas ~~(11/01/2016 - 04/30/2017)~~(11/01/17 - 04/30/18)	~~$ 63,816,099~~		$ 57,816,182	
Working Capital Rate	~~0.0391~~		0.0391	
Prime Rate	~~3.50%~~		4.25%	
Working Capital Percentage	~~13.700%~~		0.166%	
Working Capital	~~87,342~~		$ 96,086	
Plus: Working Capital Reconciliation ~~(Acct 142.20)~~ (Acct 175.52)	~~(33,597)~~		(24,267)	
Total Working Capital Allowance		~~$ 53,745~~		$ 71,819
Bad Debt:				
Total anticipated Direct Cost of Gas ~~(11/01/2016 - 04/30/2017)~~(11/01/17 - 04/30/18)	~~$ 63,816,099~~		$ 57,816,182	
Less: Refunds			-	
Plus: Total Working Capital	~~53,745~~		71,819	
Plus: Prior Period (Over)/Under Recovery	~~2,600,610~~		1,714,057	
Subtotal	~~$ 66,560,454~~		$ 59,602,058	
Bad Debt Percentage	~~4.04%~~		1.11%	
Bad Debt Allowance	~~2,689,042~~		$ 661,583	
Plus: Bad Debt Reconciliation ~~(Acct 175.52)~~ (Acct 175.54)	~~(37,241)~~		(652,777)	
Total Bad Debt Allowance		~~2,651,801~~		8,806
Production and Storage Capacity		~~1,980,428~~		1,980,428
Miscellaneous Overhead ~~(11/01/2016 - 04/30/2017)~~ (11/01/17 - 04/30/18)	~~$ 13,170~~		$ 13,170	
Times Summer ~~Winter~~ Sales	~~90,536~~		85,411	
Divided by Total Sales	~~112,609~~		104,762	
Miscellaneous Overhead		~~10,589~~		10,737
Total Anticipated Indirect Cost of Gas		~~$ 4,696,563~~		$ 2,071,790
Total Cost of Gas		~~$ 64,406,611~~		$ 54,715,680

Dated: ~~November 7, 2016~~ October xx, 2017

Effective: ~~November 1, 2016~~ November 1, 2017

Issued by: James M. Sweeney

Title: President

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~~Issued in compliance with NHPUC Order No. 25,958 dated October 26, 2016 in Docket DG 16-814.~~

CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2017 THROUGH APRIL 30, 2018
~~**PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2016 THROUGH APRIL 30, 2017**~~
(Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)	~~(Col 2)~~	~~(Col 3)~~	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	~~$ 59,710,049~~		$ 52,643,890	
Projected Prorated Sales (11/01/17 - 04/30/18) ~~(11/01/16 - 04/30/17)~~	~~89,920,078~~		84,893,215	
Direct Cost of Gas Rate		~~0.6640~~		$ 0.6201 per therm
Demand Cost of Gas Rate	~~$ 8,469,568~~	~~0.0942~~	$ 9,975,490	$ 0.1175
Commodity Cost of Gas Rate	~~55,346,541~~	~~0.6155~~	47,840,693	$ 0.5635
Adjustment Cost of Gas Rate	~~(4,106,050)~~	~~(0.0457)~~	(5,172,293)	$ (0.0609)
Total Direct Cost of Gas Rate	~~$ 59,710,049~~	~~0.6640~~	$ 52,643,890	$ 0.6201
Total Anticipated Indirect Cost of Gas	~~$ 4,696,563~~		$ 2,071,790	
Projected Prorated Sales (11/01/17 - 04/30/18) ~~(11/01/16 - 04/30/17)~~	~~89,920,078~~		84,893,215	
Indirect Cost of Gas		~~$ 0.0522~~		$ 0.0244 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/17				$ 0.6445 per Therm
~~**TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/16**~~		~~$ 0.7162~~		

RESIDENTIAL COST OF GAS RATE - 11/01/17		COGwr	$ 0.6445 /therm
~~**RESIDENTIAL COST OF GAS RATE - 11/01/2016**~~		~~COGsr~~	~~$ 0.7162 /therm~~
	Maximum	(COG + 25%)	~~$ 0.8953~~ $ 0.8056
C&I LOW WINTER USE COST OF GAS RATE - 11/01/17		COGwl	$ 0.6560 /therm
~~**COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/2016**~~		~~COGsl~~	~~$ 0.7305 /therm~~

Average Demand Cost of Gas Rate Effective ~~11/01/15~~ 11/01/2017	~~$ 0.0942~~	$ 0.1175	Maximum	(COG + 25%)	~~$ 0.9131~~ $ 0.8200
Times: Low Winter Use Ratio (Winter)	~~1.1637~~	1.0892			
Times: Correction Factor	~~0.9898~~	1.0077			
Adjusted Demand Cost of Gas Rate	~~$ 0.1085~~	$ 0.1290			
Commodity Cost of Gas Rate	~~$ 0.6155~~	$ 0.5635			
Adjustment Cost of Gas Rate	~~(0.0457)~~	(0.0609)			
Indirect Cost of Gas Rate	~~0.0522~~	0.0244			
Adjusted C&I Low Winter Use Cost of Gas Rate	~~$ 0.7305~~	$ 0.6560			

C&I HIGH WINTER USE COST OF GAS RATE - 11/01/17		COGwh	$ 0.6433 /therm
~~**COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/2016**~~		~~COGsh~~	~~$ 0.7121 /therm~~

Average Demand Cost of Gas Rate Effective ~~11/01/16~~ 11/01/2017	~~$ 0.0942~~	$ 0.1175	Maximum	(COG + 25%)	~~$ 0.8901~~ $ 0.8041
Times: High Winter Use Ratio (Winter)	~~0.9667~~	0.9820			
Times: Correction Factor	~~0.9898~~	1.0077			
Adjusted Demand Cost of Gas Rate	~~$ 0.0901~~	$ 0.1163			
Commodity Cost of Gas Rate	~~$ 0.6155~~	$ 0.5635	Minimum		
Adjustment Cost of Gas Rate	~~(0.0457)~~	(0.0609)	Maximum		
Indirect Cost of Gas Rate	~~0.0522~~	0.0244			
Adjusted C&I High Winter Use Cost of Gas Rate	~~$ 0.7121~~	$ 0.6433			

Issued: ~~November 7, 2016~~ October xx, 2017

Issued by: ________________
James M. Sweeney

Effective: ~~November 1, 2017~~ November 1, 2017

Title: President

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~~Issued in compliance with NHPUC Order No. 25,958 dated Ocotber 26, 2016 in Docket DG 16-814.~~

II. RATE SCHEDULES
CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2017 THROUGH APRIL 30, 2018
~~**PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2016 THROUGH APRIL 30, 2017**~~
(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	~~$ 59,426,348~~		$ 52,643,890	
Projected Prorated Sales ~~(11/01/2016 - 4/30/2017)~~ (11/01/2017 - 4/30/2018)	~~85,749,300~~		84,893,215	
Direct Cost of Gas Rate		~~$ 0.6930~~		$ 0.6201 per therm
Demand Cost of Gas Rate	~~$ 8,946,041~~	~~$ 0.1043~~	$ 9,975,490	$ 0.1175
Commodity Cost of Gas Rate	~~60,664,327~~	~~$ 0.7075~~	$ 47,840,693	$ 0.5635
Adjustment Cost of Gas Rate	~~(10,184,020)~~	~~$ (0.1188)~~	$ (5,172,293)	$(0.0609)
Total Direct Cost of Gas Rate	~~$ 59,426,348~~	~~$ 0.6930~~	$ 52,643,890	$ 0.6201
Total Anticipated Indirect Cost of Gas	~~$ 5,026,252~~		$ 2,071,790	
Projected Prorated Sales ~~(11/01/2016 - 4/30/2017)~~ (11/01/2017 - 4/30/2018)	~~85,749,300~~		84,893,215	
Indirect Cost of Gas		~~$ 0.0586~~		$ 0.0244 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE NOVEMBER 1, 2017 ~~2016~~		~~$ 0.7516~~		**$ 0.6445**
Calculation of FPO				
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE		~~$ 0.7068~~		**$ 0.6445**
FPO Risk Premium		$ 0.0200		$ 0.0200
TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE ~~(11/01/2016)~~ (11/01/2017)		~~$ 0.7268~~		**$ 0.6645**
RESIDENTIAL COST OF GAS RATE ~~(11/01/2016)~~ (11/01/2017)	**COGwr**	~~$ 0.7268~~ /therm		**$ 0.6645**

Issued: ~~August 28, 2015~~ October xx, 2017

Effective: ~~November 1, 2015~~ November 1, 2017

Issued by: ____________________
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Title: President

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~~Issued in compliance with NHPUC Order No. 25,591 dated October 31, 2013 in Docket DG 13-251.~~

II RATE SCHEDULES
FIRM RATE SCHEDULES

	Winter Period				Summer Period			
	Delivery Charge	Cost of Gas Rate Page 77	LDAC Page 82	Total Rate	Delivery Charge	Cost of Gas Rate Page 77	LDAC Page 82	Total Rate
Residential Non Heating - R-1								
Customer Charge per Month per Meter	$ 16.88			$ 16.88	$ 16.88			$ 16.88
All Therms	$ 0.2231	$ 0.6445	$ 0.0856	$ 0.9532	$ 0.2231	$ 0.3133	$ 0.0856	$ 0.6220
					~~$ 0.2231~~	~~$ 0.4726~~	~~$ 0.0640~~	~~$ 0.7596~~
Residential Heating - R-3								
Customer Charge per Month per Meter	$ 24.43			$ 24.43	$ 24.43			$ 24.43
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.3863	$ 0.6445	$ 0.0856	$ 1.1164	$ 0.3863	$ 0.3133	$ 0.0856	$ 0.7852
					~~$ 0.3863~~	~~$ 0.4726~~	~~$ 0.0640~~	~~$ 0.9228~~
All therms over the first block per month at	$ 0.3197	$ 0.6445	$ 0.0856	$ 1.0498	$ 0.3197	$ 0.3133	$ 0.0856	$ 0.7186
					~~$ 0.3197~~	~~$ 0.4726~~	~~$ 0.0640~~	~~$ 0.8562~~
Residential Heating - R-4								
Customer Charge per Month per Meter	$ 9.77			$ 9.77	$ 9.77			$ 9.77
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.1545	$ 0.6445	$ 0.0856	$ 0.8846	$ 0.1545	$ 0.3133	$ 0.0856	$ 0.5534
					~~$ 0.1545~~	~~$ 0.4726~~	~~$ 0.0640~~	~~$ 0.6910~~
All therms over the first block per month at	$ 0.1278	$ 0.6445	$ 0.0856	$ 0.8579	$ 0.1278	$ 0.3133	$ 0.0856	$ 0.5267
					~~$ 0.1278~~	~~$ 0.4726~~	~~$ 0.0640~~	~~$ 0.6643~~
Commercial/Industrial - G-41								
Customer Charge per Month per Meter	$ 53.45			$ 53.45	$ 53.45			$ 53.45
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.4383	$ 0.6433	$ 0.0674	$ 1.1490	$ 0.4383	$ 0.3084	$ 0.0674	$ 0.8141
					~~$ 0.4383~~	~~$ 0.4563~~	~~$ 0.0450~~	~~$ 0.9396~~
All therms over the first block per month at	$ 0.2944	$ 0.6433	$ 0.0674	$ 1.0051	$ 0.2944	$ 0.3084	$ 0.0674	$ 0.6702
					~~$ 0.2944~~	~~$ 0.4563~~	~~$ 0.0450~~	~~$ 0.7957~~
Commercial/Industrial - G-42								
Customer Charge per Month per Meter	$ 160.36			$ 160.36	$ 160.36			$ 160.36
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	$ 0.3986	$ 0.6433	$ 0.0674	$ 1.1093	$ 0.3986	$ 0.3084	$ 0.0674	$ 0.7744
					~~$ 0.3986~~	~~$ 0.4563~~	~~$ 0.0450~~	~~$ 0.8999~~
All therms over the first block per month at	$ 0.2655	$ 0.6433	$ 0.0674	$ 0.9762	$ 0.2655	$ 0.3084	$ 0.0674	$ 0.6413
					~~$ 0.2655~~	~~$ 0.4563~~	~~$ 0.0450~~	~~$ 0.7668~~
Commercial/Industrial - G-43								
Customer Charge per Month per Meter	$ 688.20			$ 688.20	$ 688.20			$ 688.20
All therms over the first block per month at	$ 0.2449	$ 0.6433	$ 0.0674	$ 0.9556	$ 0.1120	$ 0.3084	$ 0.0674	$ 0.4878
					~~$ 0.1120~~	~~$ 0.4563~~	~~$ 0.0450~~	~~$ 0.6133~~
Commercial/Industrial - G-51								
Customer Charge per Month per Meter	$ 53.45			$ 53.45	$ 53.45			$ 53.45
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	$ 0.2642	$ 0.6560	$ 0.0674	$ 0.9876	$ 0.2642	$ 0.3299	$ 0.0674	$ 0.6615
					~~$ 0.2642~~	~~$ 0.4931~~	~~$ 0.0450~~	~~$ 0.8023~~
All therms over the first block per month at	$ 0.1717	$ 0.6560	$ 0.0674	$ 0.8951	$ 0.1717	$ 0.3299	$ 0.0674	$ 0.5690
					~~$ 0.1717~~	~~$ 0.4931~~	~~$ 0.0450~~	~~$ 0.7098~~
Commercial/Industrial - G-52								
Customer Charge per Month per Meter	$ 160.36			$ 160.36	$ 160.36			$ 160.36
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	$ 0.2268	$ 0.6560	$ 0.0674	$ 0.9502	$ 0.1644	$ 0.3299	$ 0.0674	$ 0.5617
					~~$ 0.1644~~	~~$ 0.4931~~	~~$ 0.0450~~	~~$ 0.7025~~
All therms over the first block per month at	$ 0.1511	$ 0.6560	$ 0.0674	$ 0.8745	$ 0.0934	$ 0.3299	$ 0.0674	$ 0.4907
					~~$ 0.0934~~	~~$ 0.4931~~	~~$ 0.0450~~	~~$ 0.6315~~
Commercial/Industrial - G-53								
Customer Charge per Month per Meter	$ 708.24			$ 708.24	$ 708.24			$ 708.24
All therms over the first block per month at	$ 0.1585	$ 0.6560	$ 0.0674	$ 0.8819	$ 0.0760	$ 0.3299	$ 0.0674	$ 0.4733
					~~$ 0.0760~~	~~$ 0.4931~~	~~$ 0.0450~~	~~$ 0.6141~~
Commercial/Industrial - G-54								
Customer Charge per Month per Meter	$ 708.24			$ 708.24	$ 708.24			$ 708.24
All therms over the first block per month at	$ 0.0605	$ 0.6560	$ 0.0674	$ 0.7839	$ 0.0328	$ 0.3299	$ 0.0674	$ 0.4301
					~~$ 0.0328~~	~~$ 0.4931~~	~~$ 0.0450~~	~~$ 0.5709~~

Dated: ~~July 24, 2017~~ April xx, 2018

Effective ~~August 1, 2017~~ May 1, 2018

Issued by: ______________________
James M. Sweeney
Title: President

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EXHIBIT #10
DG 17-135

NHPUC NO. 8 - GAS
LIBERTY UTILITIES

Proposed ~~Eleventh~~ Twelfth Revised Page 74-A
Superseding ~~Tenth~~ Eleventh Revised Page 74-A

II RATE SCHEDULES
FIRM RATE SCHEDULES

	Winter Period				Summer Period			
	Delivery Charge	Cost of Gas Rate Page 77	LDAC Page 82	Total Rate	Delivery Charge	Cost of Gas Rate Page 77	LDAC Page 82	Total Rate
Residential Non Heating - R-5								
Customer Charge per Month per Meter	$21.94			$ 21.94	$ 21.94			$ 21.94
All Therms	$ 0.2900	$ 0.6445	$ 0.0856	$ 1.0201	$ 0.2900	$ 0.3133	$ 0.0856	$ 0.6889
					~~$ 0.2900~~	~~$ 0.4725~~	~~$ 0.0640~~	~~$ 0.8265~~
Residential Heating - R-6								
Customer Charge per Month per Meter	$31.76			$ 31.76	$ 31.76			$ 31.76
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.5022	$ 0.6445	$ 0.0856	$ 1.2323	$ 0.5022	$ 0.3133	$ 0.0856	$ 0.9011
					~~$ 0.5022~~	~~$ 0.4725~~	~~$ 0.0640~~	~~$ 1.0387~~
All therms over the first block per month at	$ 0.4156	$ 0.6445	$ 0.0856	$ 1.1457	$ 0.4156	$ 0.3133	$ 0.0856	$ 0.8145
					~~$ 0.4156~~	~~$ 0.4725~~	~~$ 0.0640~~	~~$ 0.9521~~
Residential Heating - R-7								
Customer Charge per Month per Meter	$12.70			$ 12.70	$ 12.70			$ 12.70
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.2009	$ 0.6445	$ 0.0856	$ 0.9310	$ 0.2009	$ 0.3133	$ 0.0856	$ 0.5998
					~~$ 0.2009~~	~~$ 0.4725~~	~~$ 0.0640~~	~~$ 0.7374~~
All therms over the first block per month at	$ 0.1661	$ 0.6445	$ 0.0856	$ 0.8962	$ 0.1661	$ 0.3133	$ 0.0856	$ 0.5650
					~~$ 0.1661~~	~~$ 0.4725~~	~~$ 0.0640~~	~~$ 0.7026~~
Commercial/Industrial - G-44								
Customer Charge per Month per Meter	$69.49			$ 69.49	$ 69.49			$ 69.49
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	$ 0.5698	$ 0.6433	$ 0.0674	$ 1.2805	$ 0.5698	$ 0.3084	$ 0.0674	$ 0.9456
					~~$ 0.5698~~	~~$ 0.4563~~	~~$ 0.0450~~	~~$ 1.0711~~
All therms over the first block per month at	$ 0.3827	$ 0.6433	$ 0.0674	$ 1.0934	$ 0.3827	$ 0.3084	$ 0.0674	$ 0.7585
					~~$ 0.3827~~	~~$ 0.4563~~	~~$ 0.0450~~	~~$ 0.8840~~
Commercial/Industrial - G-45								
Customer Charge per Month per Meter	$208.47			$ 208.47	$ 208.47			$ 208.47
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	$ 0.5182	$ 0.6433	$ 0.0674	$ 1.2289	$ 0.5182	$ 0.3084	$ 0.0674	$ 0.8940
					~~$ 0.5182~~	~~$ 0.4563~~	~~$ 0.0450~~	~~$ 1.0195~~
All therms over the first block per month at	$ 0.3452	$ 0.6433	$ 0.0674	$ 1.0559	$ 0.3452	$ 0.3084	$ 0.0674	$ 0.7210
					~~$ 0.3452~~	~~$ 0.4563~~	~~$ 0.0450~~	~~$ 0.8465~~
Commercial/Industrial - G-46								
Customer Charge per Month per Meter	$894.66			$ 894.66	$ 894.66			$ 894.66
All therms over the first block per month at	$ 0.3184	$ 0.6433	$ 0.0674	$ 1.0291	$ 0.1456	$ 0.3084	$ 0.0674	$ 0.5214
					~~$ 0.1456~~	~~$ 0.4563~~	~~$ 0.0450~~	~~$ 0.6469~~
Commercial/Industrial - G-55								
Customer Charge per Month per Meter	$69.49			$ 69.49	$ 69.49			$ 69.49
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	$ 0.3434	$ 0.6560	$ 0.0674	$ 1.0668	$ 0.3434	$ 0.3299	$ 0.0674	$ 0.7407
					~~$ 0.3424~~	~~$ 0.4931~~	~~$ 0.0450~~	~~$ 0.8805~~
All therms over the first block per month at	$ 0.2232	$ 0.6560	$ 0.0674	$ 0.9466	$ 0.2232	$ 0.3299	$ 0.0674	$ 0.6205
					~~$ 0.2232~~	~~$ 0.4931~~	~~$ 0.0450~~	~~$ 0.7613~~
Commercial/Industrial - G-56								
Customer Charge per Month per Meter	$208.47			$ 208.47	$ 208.47			$ 208.47
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	$ 0.2949	$ 0.6560	$ 0.0674	$ 1.0183	$ 0.2137	$ 0.3299	$ 0.0674	$ 0.6110
					~~$ 0.2137~~	~~$ 0.4931~~	~~$ 0.0450~~	~~$ 0.7518~~
All therms over the first block per month at	$ 0.1964	$ 0.6560	$ 0.0674	$ 0.9198	$ 0.1214	$ 0.3299	$ 0.0674	$ 0.5187
					~~$ 0.1214~~	~~$ 0.4931~~	~~$ 0.0450~~	~~$ 0.6595~~
Commercial/Industrial - G-57								
Customer Charge per Month per Meter	$920.72			$ 920.72	$ 920.72			$ 920.72
All therms over the first block per month at	$ 0.2061	$ 0.6560	$ 0.0674	$ 0.9295	$ 0.0989	$ 0.3299	$ 0.0674	$ 0.4962
					~~$ 0.0989~~	~~$ 0.4931~~	~~$ 0.0450~~	~~$ 0.6370~~
Commercial/Industrial - G-58								
Customer Charge per Month per Meter	$920.72			$ 920.72	$ 920.72			$ 920.72
All therms over the first block per month at	$ 0.0786	$ 0.6560	$ 0.0674	$ 0.8020	$ 0.0427	$ 0.3299	$ 0.0674	$ 0.4400
					~~$ 0.0427~~	~~$ 0.4931~~	~~$ 0.0450~~	~~$ 0.5808~~

Dated: ~~August 1, 2017~~ April xx, 2018

Effective ~~August 1, 2017~~ May 1, 2018

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EXHIBIT #10
DG 17-135

NHPUC NO. 8 - GAS
LIBERTY UTILITIES

Proposed ~~Fifth~~ Sixth Revised Page 76
Superseding ~~Fourth~~ Fifth Revised Page 76

Anticipated Cost of Gas
PERIOD COVERED: SUMMER PERIOD, MAY 1, 2018 THROUGH OCTOBER 31, 2018
~~PERIOD COVERED: SUMMER PERIOD, MAY 1, 2017 THROUGH OCTOBER 31, 2017~~
(REFER TO TEXT ON IN SECTION 16 COST OF GAS CLAUSE)

(Col 1)	~~(Col 2)~~	~~(Col 3)~~	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS				
Purchased Gas:				
Demand Costs:	~~$ 4,376,173~~		$ 3,898,265	
Supply Costs:	~~$ 5,605,785~~		2,728,951	
Storage Gas:				
Demand, Capacity:			-	
Commodity Costs:			-	
Produced Gas:	~~89,297~~		72,379	
Hedged Contract Savings			-	
			-	
Unadjusted Anticipated Cost of Gas		~~$ 10,071,255~~		$ 6,699,596
Adjustments:				
Prior Period (Over)/Under Recovery (as of ~~April 30, 2017~~ April 30, 2018)	~~$ (727,882)~~		$ (767,503)	
Interest	~~(20,272)~~		(32,835)	
Prior Period Adjustments			-	
Broker Revenues			-	
Refunds from Suppliers			-	
Fuel Financing			-	
Transportation CGA Revenues			-	
Interruptible Sales Margin			-	
Capacity Release and Off System Sales Margin			-	
Hedging Costs			-	
Fixed Price Option Administrative Costs			-	
Total Adjustments		~~(748,154)~~		(800,338)
Total Anticipated Direct Cost of Gas		~~$ 9,323,101~~		$ 5,899,258
Anticipated Indirect Cost of Gas				
Working Capital:				
Total anticipated Direct Cost of Gas ~~(05/01/2017 - 10/31/2017)~~(05/01/18 - 10/31/18)	~~$ 10,071,255~~		$ 6,699,596	
Working Capital Rate	~~0.0391~~		0.0391	
Prime Rate	~~3.50%~~		4.25%	
Working Capital Percentage	~~0.137%~~		0.166%	
Working Capital	~~13,784~~		$ 11,134	
Plus: Working Capital Reconciliation ~~(Acct 142.20)~~ (Acct 1163-1424)	~~8,141~~		1,490	
Total Working Capital Allowance		~~$ 21,925~~		$ 12,624
Bad Debt:				
Total anticipated Direct Cost of Gas ~~(05/01/2017 - 10/31/2017)~~(05/01/18 - 10/31/18)	~~$ 10,071,255~~		$ 6,699,596	
Less: Refunds	-		-	
Plus: Total Working Capital	~~21,925~~		12,624	
Plus: Prior Period (Over)/Under Recovery	~~(727,882)~~		(767,503)	
Subtotal	~~$ 9,365,298~~		$ 5,944,717	
Bad Debt Percentage	~~4.04%~~		1.11%	
Bad Debt Allowance	~~378,358~~		$ 65,986	
Plus: Bad Debt Reconciliation ~~(Acct 175.52)~~ (Acct 1163-1754)	~~(22,921)~~		96,420	
Total Bad Debt Allowance		~~355,437~~		162,406
Production and Storage Capacity				-
Miscellaneous Overhead ~~(05/01/2017 - 10/31/2017)~~ (05/01/18 - 10/31/18)	~~$ 13,170~~		$ 13,170	
Times Summer ~~Winter~~ Sales	~~22,073~~		19,351	
Divided by Total Sales	~~112,609~~		104,762	
Miscellaneous Overhead		~~2,581~~		2,433
Total Anticipated Indirect Cost of Gas		~~$ 379,944~~		$ 177,463
Total Cost of Gas		~~$ 9,703,045~~		$ 6,076,721

Dated: ~~July 24, 2017~~ April xx, 2018

Effective: ~~August 1, 2017~~ May 1, 2018

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James M. Sweeney

Title: President

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NHPUC NO. 8 - GAS
LIBERTY UTILITIES

Proposed ~~Nineteenth~~ Twentieth Revised Page 77
Superseding ~~Eighteenth~~ Nineteenth Revised Page 77

CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: SUMMER PERIOD, MAY 1, 2018 THROUGH OCTOBER 31, 2018
~~**PERIOD COVERED: SUMMER PERIOD, MAY 1, 2017 THROUGH OCTOBER 31, 2017**~~
(Refer to Text in Section 16 Cost of Gas Clause)

(Col 1)	~~(Col 2)~~	~~(Col 3)~~	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	~~$ 9,323,101~~		$ 5,899,258	
Projected Prorated Sales (05/01/18 - 10/31/18) ~~(05/01/17 - 10/31/17)~~	~~22,215,128~~		19,395,370	
Direct Cost of Gas Rate		~~0.4197~~		$ 0.3042 per therm
Demand Cost of Gas Rate	~~$ 4,376,173~~	~~0.1970~~	$ 3,898,265	$ 0.2010
Commodity Cost of Gas Rate	~~5,695,082~~	~~0.2564~~	2,801,331	$ 0.1444
Adjustment Cost of Gas Rate	~~(748,154)~~	~~(0.0337)~~	(800,338)	$ (0.0413)
Total Direct Cost of Gas Rate	~~$ 9,323,101~~	~~0.4197~~	$ 5,899,258	$ 0.3042
Total Anticipated Indirect Cost of Gas	~~$ 370,944~~		$ 177,463	
Projected Prorated Sales (05/01/18 - 10/31/18) (05/01/17 - 10/31/17)	~~22,215,128~~		19,395,370	
Indirect Cost of Gas		~~$ 0.0171~~		$ 0.0091 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/18				$ 0.3133 per Therm
~~**TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 05/01/17**~~		~~$ 0.4368~~		

RESIDENTIAL COST OF GAS RATE - 05/01/2018	**COGsr**	**$ 0.3133 /therm**	
~~**RESIDENTIAL COST OF GAS RATE - 5/01/17**~~	~~**COGsr**~~	~~**$ 0.4368 /therm**~~	
Maximum	(COG + 25%)	~~$ 0.5460~~	$ 0.3916

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/2018	**COGsl**	**$ 0.3299 /therm**	
~~**COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/2017**~~	~~**COGsl**~~	~~**$ 0.4574 /therm**~~	

Average Demand Cost of Gas Rate Effective ~~05/01/17~~ 05/01/2018	~~$ 0.2970~~	$ 0.2010	Maximum	(COG + 25%)	~~$ 0.5718~~	$ 0.4124
'Times: Low Winter Use Ratio (Summer)	~~1.1637~~	$ 1.0892				
Times: Correction Factor	~~0.9493~~	0.9942				
Adjusted Demand Cost of Gas Rate	~~$ 0.2176~~	$ 0.2177				
Commodity Cost of Gas Rate	~~$ 0.2564~~	$ 0.1444				
Adjustment Cost of Gas Rate	~~(0.0337)~~	$ (0.0413)				
Indirect Cost of Gas Rate	~~0.0171~~	0.0091				
Adjusted Com/Ind Low Winter Use Cost of Gas Rate	~~$ 0.4574~~	$ 0.3299				

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2018	**COGsh**	**$ 0.3084 /therm**	
~~**COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/2017**~~	~~**COGsh**~~	~~**$ 0.4206 /therm**~~	

Average Demand Cost of Gas Rate Effective ~~05/01/17~~ 05/01/2018	~~$ 0.1970~~	$ 0.2010	Maximum	(COG + 25%)	~~$ 0.5258~~	$ 0.3855
'Times: High Winter Use Ratio (Summer)	~~0.9667~~	$ 0.9820				
Times: Correction Factor	~~0.9493~~	0.9942				
Adjusted Demand Cost of Gas Rate	~~$ 0.1808~~	$ 0.1962				
Commodity Cost of Gas Rate	~~$ 0.2564~~	$ 0.1444	Minimum			
Adjustment Cost of Gas Rate	~~(0.0337)~~	$ (0.0413)	Maximum			
Indirect Cost of Gas Rate	~~0.0171~~	0.0091				
Adjusted Com/Ind High Winter Use Cost of Gas Rate	~~$ 0.4206~~	$ 0.3084				

Dated: ~~July 24, 2017~~ April xx, 2018

Effective: ~~August 1, 2017~~ May 1, 2018

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Title: President

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