

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.

<u>Page</u>	<u>Revision</u>
Title	Original
1	Twenty-fourth Revised
2	Third Revised
3	Twenty-second Revised
4	First Revised
5	Original
6	Fifth Revised
7	Original
8	Original
9	First Revised
10	Third Revised
11	First Revised
12	First Revised
13	First Revised
14	Original
15	Original
16	Original
17	Original
18	Original
19	First Revised
20	Original
21	First Revised
22	Original
23	Original
24	Original
25	Original
26	Original
27	Original
28	First Revised
29	First Revised
30	First Revised

Issued: November 9, 2017
Effective: November 1, 2017

Issued by: /s/ Susan L. Fleck
Susan L. Fleck
Title: President

Issued in compliance with NHPUC Order No. 26,066 dated October 31, 2017 in Docket No. DG 17-135.

CHECK SHEET (Cont'd)

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

<u>Page</u>	<u>Revision</u>
61	Second Revised
62	Original
63	Second Revised
64	Original
65	Second Revised
66	Original
67	Second Revised
68	Original
69	Second Revised
70	Original
71	Second Revised
72	Original
73	Original
74	Twenty-first Revised
74-A	Eleventh Revised
75	Original
76	Fifth Revised
77	Nineteenth Revised
78	Third Revised
79	Third Revised
80	Third Revised
81	Third Revised
82	Fourth Revised
83	Original
84	Original
85	Original
86	Original
87	Original
88	Original
89	Original
90	Original
91	Original
92	Original
93	Original
94	Original

Issued: November 9, 2017
Effective: November 1, 2017

Issued by: /s/ Susan L. Fleck
Susan L. Fleck
Title: President

CHECK SHEET (Cont'd)

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

<u>Page</u>	<u>Revision</u>
142	Original
143	Third Revised
144	Third Revised
145	First Revised
146	First Revised
147	First Revised
148	Original
149	First Revised
150	Original
151	First Revised
152	Original
153	First Revised
154	Original
155	First Revised
156	Original
157	First Revised
158	Original
159	First Revised
160	Original
161	First Revised
162	Original

Issued: November 9, 2017
Effective: November 1, 2017

Issued by: /s/ Susan L. Fleck
Susan L. Fleck
Title: President

II RATE SCHEDULES
FIRM RATE SCHEDULES

	<u>Winter Period</u>				<u>Summer Period</u>			
	<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	\$ 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
<u>Residential Heating - R-3</u>								
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
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
<u>Residential Heating - R-4</u>								
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
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
<u>Commercial/Industrial - G-41</u>								
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
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
<u>Commercial/Industrial - G-42</u>								
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
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
<u>Commercial/Industrial - G-43</u>								
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
<u>Commercial/Industrial - G-51</u>								
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
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
<u>Commercial/Industrial - G-52</u>								
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
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
<u>Commercial/Industrial - G-53</u>								
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
<u>Commercial/Industrial - G-54</u>								
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

Issued: November 9, 2017
Effective: November 1, 2017

Issued by: /s/ Susan L. Fleck
Susan L. Fleck
Title: President

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-5</u>								
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
<u>Residential Heating - R-6</u>								
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
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
<u>Residential Heating - R-7</u>								
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
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
<u>Commercial/Industrial - G-44</u>								
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
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
<u>Commercial/Industrial - G-45</u>								
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
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
<u>Commercial/Industrial - G-46</u>								
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
<u>Commercial/Industrial - G-55</u>								
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
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
<u>Commercial/Industrial - G-56</u>								
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
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
<u>Commercial/Industrial - G-57</u>								
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
<u>Commercial/Industrial - G-58</u>								
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

Issued: November 9, 2017
Effective: November 1, 2017

Issued by: /s/ Susan L. Fleck
Susan L. Fleck
Title: President

Anticipated Cost of Gas

PERIOD COVERED WINTER PERIOD, NOVEMBER 1, 2017 THROUGH APRIL 30, 2018
(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:	\$ 9,099,131	
Supply Costs:	40,677,774	
Storage Gas		
Demand, Capacity:	\$ 876,359	
Commodity Costs:	4,238,570	
Produced Gas		
	2,924,348	
Hedged Contract (Saving)/Loss		
	-	
Hedge Underground Storage Contract (Saving)/Loss		
	-	
Unadjusted Anticipated Cost of Gas		\$ 57,816,182
Adjustments		
Prior Period (Over)/Under Recovery (as of 05/01/17)	\$ 1,714,057	
Interest	(112,910)	
Prior Period Adjustments	-	
Broker Revenues	(4,580,575)	
Refunds from Suppliers	-	
Fuel Financing	-	
Transportation CGA Revenues	(138,320)	
Interruptible Sales Margin	-	
Capacity Release and Off System Sales Margins	(2,099,545)	
Hedging Costs	-	
Fixed Price Option Administrative Costs	45,000	
Total Adjustments		(5,172,293)
Total Anticipated Direct Cost of Gas		\$ 52,643,890
Anticipated Indirect Cost of Gas		
Working Capital		
Total Unadjusted Anticipated Cost of Gas 11/01/17 - 04/30/18	\$ 57,816,182	
Working Capital Rate: Lead Lag Days / 365	0,0391	
Prime Rate	4.25%	
Working Capital Percentage	<u>0.166%</u>	
Working Capital	\$ 96,086	
Plus: Working Capital Reconciliation (Acct 142.20)	<u>(24,267)</u>	
Total Working Capital Allowance		71,819
Bad Debt		
Total Unadjusted Anticipated Cost of Gas 11/01/17 - 04/30/18	\$ 57,816,182	
Less: Refunds	-	
Plus: Total Working Capital	71,819	
Plus: Prior Period (Over)/Under Recovery	<u>1,714,057</u>	
Subtotal	\$ 59,602,058	
Bad Debt Percentage	<u>1.11%</u>	
Bad Debt Allowance	\$ 661,583	
Plus: Bad Debt Reconciliation (Acct 175.52)	<u>(652,777)</u>	
Total Bad Debt Allowance		\$ 8,806
Production and Storage Capacity		
		\$ 1,980,428
Miscellaneous Overhead (11/01/17 - 04/30/18)	\$ 13,170	
Times Winter Sales	85,411	
Divided by Total Sales	<u>104,762</u>	
Miscellaneous Overhead		<u>10,737</u>
Total Anticipated Indirect Cost of Gas		\$ 2,071,790
Total Cost of Gas		<u>\$ 54,715,680</u>

Issued: November 9, 2017
Effective: November 1, 2017

Issued by: /s/ Susan L. Fleck
Susan L. Fleck
Title: President

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

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 52,643,890	
Projected Prorated Sales (11/01/17 - 04/30/18)	84,893,215	
Direct Cost of Gas Rate		\$ 0.6201 per therm
Demand Cost of Gas Rate	\$ 9,975,490	\$ 0.1175 per therm
Commodity Cost of Gas Rate	47,840,693	\$ 0.5635 per therm
Adjustment Cost of Gas Rate	(5,172,293)	\$ (0.0609) per therm
Total Direct Cost of Gas Rate	\$ 52,643,890	\$ 0.6201 per therm
Total Anticipated Indirect Cost of Gas	\$ 2,071,790	
Projected Prorated Sales (11/01/17 - 04/30/18)	84,893,215	
Indirect Cost of Gas		\$ 0.0244 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/17		\$ 0.6445 per therm
RESIDENTIAL COST OF GAS RATE - 11/01/17		COGwr \$ 0.6445 /therm

Maximum (COG + 25%) \$ 0.8056

C&I LOW WINTER USE COST OF GAS RATE - 11/01/17	COGwl	\$ 0.6560 /therm
---	--------------	-------------------------

Average Demand Cost of Gas Rate Effective 11/01/17	\$ 0.1175		
Times: Low Winter Use Ratio (Winter)	1.0892	Maximum (COG + 25%)	\$ 0.8200
Times: Correction Factor	1.0077		
Adjusted Demand Cost of Gas Rate	\$ 0.1290		
Commodity Cost of Gas Rate	\$ 0.5635		
Adjustment Cost of Gas Rate	\$ (0.0609)		
Indirect Cost of Gas Rate	\$ 0.0244		
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 0.6560		

C&I HIGH WINTER USE COST OF GAS RATE - 11/01/17	COGwh	\$ 0.6433 /therm
--	--------------	-------------------------

Average Demand Cost of Gas Rate Effective 11/01/17	\$ 0.1175		
Times: High Winter Use Ratio (Winter)	0.9820	Maximum (COG + 25%)	\$ 0.8041
Times: Correction Factor	1.0077		
Adjusted Demand Cost of Gas Rate	\$ 0.1163		
Commodity Cost of Gas Rate	\$ 0.5635		
Adjustment Cost of Gas Rate	\$ (0.0609)		
Indirect Cost of Gas Rate	\$ 0.0244		
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 0.6433		

Issued: November 9, 2017
Effective: November 1, 2017

Issued by: /s/ Susan L. Fleck
Susan L. Fleck
Title: President

II. RATE SCHEDULES
CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2017 THROUGH APRIL 30, 2018
(Refer to Text in Section 17(A) Fixed Price Option Program)

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 52,643,890	
Projected Prorated Sales (11/01/17 - 04/30/18)	84,893,215	
Direct Cost of Gas Rate		\$ 0.6201 per therm
Demand Cost of Gas Rate	\$ 9,975,490	\$ 0.1175 per therm
Commodity Cost of Gas Rate	47,840,693	\$ 0.5635 per therm
Adjustment Cost of Gas Rate	<u>(5,172,293)</u>	<u>\$ (0.0609) per therm</u>
Total Direct Cost of Gas Rate	\$ 52,643,890	\$ 0.6201 per therm
Total Anticipated Indirect Cost of Gas	\$ 2,071,790	
Projected Prorated Sales (11/01/17 - 04/30/18)	84,893,215	
Indirect Cost of Gas		\$ 0.0244 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/17)		\$ 0.6445
Calculation of FPO		
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE (11/01/17)		\$ 0.6445
FPO Risk Premium		\$ 0.0200
TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE (11/01/17)		\$ 0.6645
RESIDENTIAL COST OF GAS RATE - 11/01/17	COGwr	\$ 0.6645 /therm

Issued: November 9, 2017
Effective: November 1, 2017

Issued by: /s/ Susan L. Fleck
Susan L. Fleck
Title: President

II. RATE SCHEDULES

Calculation of Firm Transportation Cost of Gas Rate

PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2017 THROUGH APRIL 30, 2018

(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	\$ 2,145,938		
LNG	<u>778,410</u>		
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES	2,924,348		
ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES		<u>9.9%</u>	
ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	<u>\$ 289,510</u>		
PROJECTED FIRM THROUGHPUT (THERMS):			
FIRM SALES	85,410,999	62.2%	
FIRM TRANSPORTATION SUBJECT TO FTCCG	<u>51,964,128</u>	<u>37.8%</u>	
TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	137,375,127	100.0%	
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	37.8%	x	\$ 289,510 = \$ 109,512
PRIOR (OVER) OR UNDER COLLECTION			<u>28,808</u>
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMERS			\$ 138,320
PROJECTED FIRM TRANSPORTATION THROUGHPUT			51,964,128
FIRM TRANSPORTATION COST OF GAS			\$0.0027

Issued: November 9, 2017
Effective: November 1, 2017

Issued by: /s/ Susan L. Fleck
Susan L. Fleck
Title: President

Environmental Surcharge - Manufactured Gas Plants

Manufactured Gas Plants

Required annual Environmental increase	\$2,970,202
DG 10-17 Base Rate Revision Collections	\$0
Environmental Subtotal	\$2,970,202
Overall Annual Net Increase to Rates	\$2,970,202

Estimated weather normalized firm therms billed for the
twelve months ended 10/31/17 - sales and transportation 182,370,287 therms

Surcharge per therm \$0.0163 per therm

Total Environmental Surcharge \$0.0163

Issued: November 9, 2017
Effective: November 1, 2017

Issued by: /s/ Susan L. Fleck
Susan L. Fleck
Title: President

Liberty Utilities (Energy North Natural Gas) Corp. d/b/a Liberty Utilities
Local Distribution Adjustment Charge (LDAC) decrease due to Rate Case Expense and Recoupment
For LDAC effective November 1, 2017 - October 31, 2018
Docket No. DG 14-180

1	Rate Case Expense in Docket No. DG 14-180	\$39,486
2	Recoupment in Docket No. DG 14-180	<u>\$1,167,759</u>
3		\$1,207,245
4		
5	Estimated November 2017 - October 2018 Interest	<u>\$21,681</u>
6		
7	Total Remaining Recovery	\$1,228,926
8		
9	Estimated November 2017 - October 2018 Sales (therms)	196,892,274
10		
11	RCE rate per therm November 2017 - October 2018	\$0.0062

Issued: November 9, 2017
Effective: November 1, 2017

Issued by: /s/ Susan L. Fleck
Susan L. Fleck
Title: President

Local Delivery Adjustment Clause Calculation

	Sales	Transportation
	Customers	Customers
<u>Residential Non Heating Rates - R-1, R-5</u>		
Energy Efficiency Charge	\$0 0516	
Demand Side Management Charge	<u>0 0000</u>	
Conservation Charge (CCx)		\$0.0516
Relief Holder and pond at Gas Street, Concord, NH	0 0000	
Manufactured Gas Plants	<u>0 0163</u>	
Environmental Surcharge (ES)		0.0163
Interruptible Transportation Margin Credit (ITMC)		0.0000
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0019
Rate Case Expense Factor (RCEF)		0.0062
Residential Low Income Assistance Program (RLIAP)		<u>0.0096</u>
LDAC	<u>\$0.0856</u>	per therm
<u>Residential Heating Rates - R-3, R-4, R-6, R-7</u>		
Energy Efficiency Charge	\$0 0516	
Demand Side Management Charge	<u>0 0000</u>	
Conservation Charge (CCx)		\$0.0516
Relief Holder and pond at Gas Street, Concord, NH	0 0000	
Manufactured Gas Plants	<u>0 0163</u>	
Environmental Surcharge (ES)		0.0163
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0019
Rate Case Expense Factor (RCEF)		0.0062
Residential Low Income Assistance Program (RLIAP)		<u>0.0096</u>
LDAC	<u>\$0.0856</u>	per therm
<u>Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55</u>		
Energy Efficiency Charge	\$0 0332	
Demand Side Management Charge	<u>0 0000</u>	
Conservation Charge (CCx)		\$0.0332
Relief Holder and pond at Gas Street, Concord, NH	0 0000	
Manufactured Gas Plants	<u>0 0163</u>	
Environmental Surcharge (ES)		0.0163
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0021
Gas Restructuring Expense Factor (GREF)		0.0000
Rate Case Expense Factor (RCEF)		0.0062
Residential Low Income Assistance Program (RLIAP)		<u>0.0096</u>
LDAC	<u>\$0.0674</u>	<u>\$0.0674</u> per therm
<u>Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56</u>		
Energy Efficiency Charge	\$0 0332	
Demand Side Management Charge	<u>0 0000</u>	
Conservation Charge (CCx)		\$0.0332
Relief Holder and pond at Gas Street, Concord, NH	0 0000	
Manufactured Gas Plants	<u>0 0163</u>	
Environmental Surcharge (ES)		0.0163
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0021
Gas Restructuring Expense Factor (GREF)		0.0000
Rate Case Expense Factor (RCEF)		0.0062
Residential Low Income Assistance Program (RLIAP)		<u>0.0096</u>
LDAC	<u>\$0.0674</u>	<u>\$0.0674</u> per therm
<u>Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54, G-46, G-56, G-57, G-58</u>		
Energy Efficiency Charge	\$0 0332	
Demand Side Management Charge	<u>0 0000</u>	
Conservation Charge (CCx)		\$0.0332
Relief Holder and pond at Gas Street, Concord, NH	0 0000	
Manufactured Gas Plants	<u>0 0163</u>	
Environmental Surcharge (ES)		0.0163
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0021
Gas Restructuring Expense Factor (GREF)		0.0000
Rate Case Expense Factor (RCEF)		0.0062
Residential Low Income Assistance Program (RLIAP)		<u>0.0096</u>
LDAC	<u>\$0.0674</u>	<u>\$0.0674</u> per therm

Issued: November 9, 2017
Effective: November 1, 2017

Issued by: /s/ Susan L. Fleck
Susan L. Fleck
Title: President

III DELIVERY TERMS AND CONDITIONS

ATTACHMENT B

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge:	\$0.2 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	\$ 20.06 MMBTU of Peak MDQ
IV. Company Allowance Calculation (per Schedule 25)	
	164,344,430 Total Sendout - Therms Jul -2016 - Jun-2017
	<u>160,948,361</u> Total Throughput - Therms Jul-2016 - Jun-2017
	3,396,069 Variance (Sendout - Throughput)
Company Allowance Percentage 2017-18	2.1% Variance / Total Sendout

Issued: November 9, 2017
Effective: November 1, 2017

Issued by: /s/ Susan L. Fleck
Susan L. Fleck
Title: President

III DELIVERY TERMS AND CONDITIONS

ATTACHMENT C

Capacity Allocators

Rate Class		Pipeline	Storage	Peaking	Total
G-41	Low Annual/High Winter Use	47.9%	18.9%	33.2%	100.0%
G-51	Low Annual/Low Winter Use	72.9%	9.8%	17.3%	100.0%
G-42	Medium Annual/ High Winter	47.9%	18.9%	33.2%	100.0%
G-52	High Annual/ Low Winter Use	72.9%	9.8%	17.3%	100.0%
G-43	High Annual/ High Winter	47.9%	18.9%	33.2%	100.0%
G-53	High Annual/ Load Factor < 90%	72.9%	9.8%	17.3%	100.0%
G-54	High Annual/ Load Factor < 90%	72.9%	9.8%	17.3%	100.0%

Issued: November 9, 2017
Effective: November 1, 2017

Issued by: /s/ Susan L. Fleck
Susan L. Fleck
Title: President