

<u>Page</u>	<u>Revision</u>
Title	Original
TOC i	Third Revised
TOC ii	Second Revised
TOC iii	Third Revised
TOC iv	First Revised
1	Thirty-third Revised
2	Sixth Revised
3	Twenty-eighth Revised
4	Twenty-seventh Revised
5	Third Revised
6	Second Revised
7	Second Revised
7A	Original
8	Second Revised
9	First Revised
10	Original
11	Original
12	Original
13	First Revised
14	First Revised
15	First Revised
16	Original
17	Original
18	Original
19	Original
20	Original
21	Original
22	Original
23	Original
24	Original

ISSUED: December 20, 2019

ISSUED BY: /s/Susan L. Fleck
Susan L. Fleck

EFFECTIVE: January 01, 2020

TITLE: President

<u>Page</u>	<u>Revision</u>
56	Fourth Revised
57	Original
58	Third Revised
59	Original
60	Third Revised
61	Original
62	Third Revised
63	Original
64	Third Revised
65	Original
66	Third Revised
67	Original
68	Fourth Revised
69	Original
70	Third Revised
71	Original
72	Third Revised
73	Original
74	Third Revised
75	Original
76	Third Revised
77	Original
78	Third Revised
79	Original
80	Fourth Revised
81	Original
82	Third Revised
83	First Revised
84	Fifteenth Revised
85	Twentieth Revised
86	Fifteenth Revised

ISSUED: December 20, 2019

ISSUED BY: /s/Susan L. Fleck

EFFECTIVE: January 01, 2020

Susan L. Fleck
TITLE: President

<u>Page</u>	<u>Revision</u>
87	First Revised
88	First Revised
89	Seventh Revised
90	Tenth Revised
91	Second Revised
92	Seventh Revised
92.1	Original
93	Eighth Revised
94	Third Revised
95	Third Revised
96	Second Revised
97	Second Revised
97A	Original
97B	Original
98	Original
99	Original
100	Original
101	Original
102	Original
103	Original
104	Original
105	Original
106	Original
107	Original
108	Original
109	Original
110	Original
111	Original
112	Original
113	Original
114	Original
115	Original
116	Original
117	Original

ISSUED: December 20, 2019

ISSUED BY: /s/Susan L. Fleck
Susan L. Fleck

EFFECTIVE: January 01, 2020

TITLE: President

22 FIRM RATE SCHEDULES - EXCLUDING KEENE CUSTOMERS

	Rates Effective January 1, 2020 - April 30, 2020				Rates Effective July 1, 2019 - October 31, 2019			
	Winter Period				Summer Period			
	Delivery Charge	Cost of Gas Rate Page 92	LDAC Page 97	Total Rate	Delivery Charge	Cost of Gas Rate Page 89	LDAC Page 97	Total Rate
Residential Non Heating - R-1								
Customer Charge per Month per Meter	\$ 15.20			\$ 15.20	\$ 15.20			\$ 15.20
All therms	\$ 0.3786	\$ 0.5653	\$ 0.0310	\$ 0.9749	\$ 0.3786	\$ 0.5556	\$ 0.0660	\$ 1.0002
Residential Heating - R-3								
Customer Charge per Month per Meter	\$ 15.20			\$ 15.20	\$ 15.20			\$ 15.20
Size of the first block	all therms				all therms			
Therms in the first block per month at	\$ 0.5569	\$ 0.5653	\$ 0.0310	\$ 1.1532	\$ 0.5569	\$ 0.5556	\$ 0.0660	\$ 1.1785
Residential Heating - R-4								
Customer Charge per Month per Meter	\$ 6.08			\$ 6.08	\$ 6.08			\$ 6.08
Size of the first block	all therms				all therms			
Therms in the first block per month at	\$ 0.2228	\$ 0.5653	\$ 0.0310	\$ 0.8191	\$ 0.2228	\$ 0.5556	\$ 0.0660	\$ 0.8444
Commercial/Industrial - G-41								
Customer Charge per Month per Meter	\$ 56.36			\$ 56.36	\$ 56.36			\$ 56.36
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.4621	\$ 0.5640	\$ 0.0478	\$ 1.0740	\$ 0.4621	\$ 0.5521	\$ 0.0757	\$ 1.0899
All therms over the first block per month at	\$ 0.3104	\$ 0.5640	\$ 0.0478	\$ 0.9223	\$ 0.3104	\$ 0.5521	\$ 0.0757	\$ 0.9382
Commercial/Industrial - G-42								
Customer Charge per Month per Meter	\$ 169.09			\$ 169.09	\$ 169.09			\$ 169.09
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.4202	\$ 0.5640	\$ 0.0478	\$ 1.0320	\$ 0.4202	\$ 0.5521	\$ 0.0757	\$ 1.0480
All therms over the first block per month at	\$ 0.2800	\$ 0.5640	\$ 0.0478	\$ 0.8918	\$ 0.2800	\$ 0.5521	\$ 0.0757	\$ 0.9078
Commercial/Industrial - G-43								
Customer Charge per Month per Meter	\$ 725.66			\$ 725.66	\$ 725.66			\$ 725.66
All therms over the first block per month at	\$ 0.2583	\$ 0.5640	\$ 0.0478	\$ 0.8701	\$ 0.1181	\$ 0.5521	\$ 0.0757	\$ 0.7459
Commercial/Industrial - G-51								
Customer Charge per Month per Meter	\$ 56.36			\$ 56.36	\$ 56.36			\$ 56.36
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.2785	\$ 0.5708	\$ 0.0478	\$ 0.8971	\$ 0.2785	\$ 0.5633	\$ 0.0757	\$ 0.9175
All therms over the first block per month at	\$ 0.1811	\$ 0.5708	\$ 0.0478	\$ 0.7997	\$ 0.1811	\$ 0.5633	\$ 0.0757	\$ 0.8201
Commercial/Industrial - G-52								
Customer Charge per Month per Meter	\$ 169.09			\$ 169.09	\$ 169.09			\$ 169.09
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.2392	\$ 0.5708	\$ 0.0478	\$ 0.8578	\$ 0.1733	\$ 0.5633	\$ 0.0757	\$ 0.8123
All therms over the first block per month at	\$ 0.1593	\$ 0.5708	\$ 0.0478	\$ 0.7779	\$ 0.0985	\$ 0.5633	\$ 0.0757	\$ 0.7375
Commercial/Industrial - G-53								
Customer Charge per Month per Meter	\$ 746.81			\$ 746.81	\$ 746.81			\$ 746.81
All therms over the first block per month at	\$ 0.1672	\$ 0.5708	\$ 0.0478	\$ 0.7858	\$ 0.0802	\$ 0.5633	\$ 0.0757	\$ 0.7192
Commercial/Industrial - G-54								
Customer Charge per Month per Meter	\$ 746.81			\$ 746.81	\$ 746.81			\$ 746.81
All therms over the first block per month at	\$ 0.0638	\$ 0.5708	\$ 0.0478	\$ 0.6824	\$ 0.0346	\$ 0.5633	\$ 0.0757	\$ 0.6736

ISSUED: December 20, 2019

ISSUED BY: /s/Susan L. Fleck

EFFECTIVE: January 01, 2020

Susan L. Fleck
TITLE: President

**24 FIRM RATE SCHEDULES - MANAGED EXPANSION PROGRAM-EXCLUDING
KEENE CUSTOMERS**

FIRM RATE SCHEDULES

	Rates Effective January 1, 2020 - April 30, 2020 Winter Period				Rates Effective July 1, 2019 - October 31, 2019 Summer Period			
	Delivery Charge	Cost of Gas Rate Page 89	LDAC Page 97	Total Rate	Delivery Charge	Cost of Gas Rate Page 89	LDAC Page 97	Total Rate
Residential Non Heating - R-5								
Customer Charge per Month per Meter	\$ 19.76			\$ 19.76	\$ 19.76			\$ 19.76
All Therms	\$ 0.4922	\$ 0.5653	\$ 0.0310	\$ 1.0885	\$ 0.4922	\$ 0.5556	\$ 0.0660	\$ 1.1138
Residential Heating - R-6								
Customer Charge per Month per Meter	\$ 19.76			\$ 19.76	\$ 19.76			\$ 19.76
Therms in the first block per month at	\$ 0.7240	\$ 0.5653	\$ 0.0310	\$ 1.3203	\$ 0.7240	\$ 0.5556	\$ 0.0660	\$ 1.3456
Residential Heating - R-7								
Customer Charge per Month per Meter	\$ 7.90			\$ 7.90	\$ 7.90			\$ 7.90
Therms in the first block per month at	\$ 0.2896	\$ 0.5653	\$ 0.0310	\$ 0.8859	\$ 0.2896	\$ 0.5556	\$ 0.0660	\$ 0.9112
Commercial/Industrial - G-44								
Customer Charge per Month per Meter	\$ 73.26			\$ 73.26	\$ 73.26			\$ 73.26
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.6008	\$ 0.5640	\$ 0.0478	\$ 1.2126	\$ 0.6008	\$ 0.5521	\$ 0.0757	\$ 1.2286
All therms over the first block per month at	\$ 0.4035	\$ 0.5640	\$ 0.0478	\$ 1.0153	\$ 0.4036	\$ 0.5521	\$ 0.0757	\$ 1.0314
Commercial/Industrial - G-45								
Customer Charge per Month per Meter	\$ 219.82			\$ 219.82	\$ 219.82			\$ 219.82
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.5463	\$ 0.5640	\$ 0.0478	\$ 1.1581	\$ 0.5463	\$ 0.5521	\$ 0.0757	\$ 1.1741
All therms over the first block per month at	\$ 0.3640	\$ 0.5640	\$ 0.0478	\$ 0.9758	\$ 0.3639	\$ 0.5521	\$ 0.0757	\$ 0.9917
Commercial/Industrial - G-46								
Customer Charge per Month per Meter	\$ 943.36			\$ 943.36	\$ 943.36			\$ 943.36
All therms over the first block per month at	\$ 0.3358	\$ 0.5640	\$ 0.0478	\$ 0.9476	\$ 0.1535	\$ 0.5521	\$ 0.0757	\$ 0.7813
Commercial/Industrial - G-55								
Customer Charge per Month per Meter	\$ 73.26			\$ 73.26	\$ 73.26			\$ 73.26
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.3621	\$ 0.5708	\$ 0.0478	\$ 0.9807	\$ 0.3621	\$ 0.5633	\$ 0.0757	\$ 1.0011
All therms over the first block per month at	\$ 0.2354	\$ 0.5708	\$ 0.0478	\$ 0.8540	\$ 0.2354	\$ 0.5633	\$ 0.0757	\$ 0.8744
Commercial/Industrial - G-56								
Customer Charge per Month per Meter	\$ 219.82			\$ 219.82	\$ 219.82			\$ 219.82
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.3110	\$ 0.5708	\$ 0.0478	\$ 0.9296	\$ 0.2253	\$ 0.5633	\$ 0.0757	\$ 0.8643
All therms over the first block per month at	\$ 0.2071	\$ 0.5708	\$ 0.0478	\$ 0.8257	\$ 0.1280	\$ 0.5633	\$ 0.0757	\$ 0.7670
Commercial/Industrial - G-57								
Customer Charge per Month per Meter	\$ 970.84			\$ 970.84	\$ 970.84			\$ 970.84
All therms over the first block per month at	\$ 0.2174	\$ 0.5708	\$ 0.0478	\$ 0.8360	\$ 0.1043	\$ 0.5633	\$ 0.0757	\$ 0.7433
Commercial/Industrial - G-58								
Customer Charge per Month per Meter	\$ 970.84			\$ 970.84	\$ 970.84			\$ 970.84
All therms over the first block per month at	\$ 0.0829	\$ 0.5708	\$ 0.0478	\$ 0.7015	\$ 0.0450	\$ 0.5633	\$ 0.0757	\$ 0.6840

ISSUED: December 20, 2019

ISSUED BY: /s/Susan L. Fleck

EFFECTIVE: January 01, 2020

Susan L. Fleck
TITLE: President

30 CALCULATION OF FIRM SALES WINTER PERIOD COST OF GAS RATE - EXCLUDING KEENE CUSTOMERS

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$ 52,211,274	
Projected Prorated Sales (11/01/19 - 04/30/20)	87,788,508	
Direct Cost of Gas Rate		\$ 0.5947 per therm
Demand Cost of Gas Rate	\$ 11,060,200	\$ 0.1260 per therm
Commodity Cost of Gas Rate	40,875,472	\$ 0.4656 per therm
Adjustment Cost of Gas Rate	<u>275,601</u>	<u>\$ 0.0031 per therm</u>
Total Direct Cost of Gas Rate	\$ 52,211,274	\$ 0.5947 per therm
Total Anticipated Indirect Cost of Gas	\$ 2,251,330	
Projected Prorated Sales (11/01/19 - 04/30/20)	87,788,508	
Indirect Cost of Gas		\$ 0.0256 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/17		\$ 0.6203 per therm
RESIDENTIAL COST OF GAS RATE - 11/01/19		COGwr \$ 0.6203 /therm
Change in Rate due to change in under/over recovery		\$ (0.0550)
RESIDENTIAL COST OF GAS RATE - 01/01/2020		COGwr \$ 0.5653 /therm

Maximum (COG + 25%) \$ 0.7754

C&I LOW WINTER USE COST OF GAS RATE - 11/01/19		COGwl \$ 0.6258 /therm
Change in Rate due to change in under/over recovery		\$ (0.0550)
C&I LOW WINTER USE COST OF GAS RATE - 01/01/2020		COGsl \$ 0.5708 /therm

Average Demand Cost of Gas Rate Effective 11/01/19	\$ 0.1260		
Times: Low Winter Use Ratio (Winter)	1.0465	Maximum (COG + 25%)	\$ 0.7823
Times: Correction Factor	<u>0.9976</u>		
Adjusted Demand Cost of Gas Rate	\$ 0.1315		
Commodity Cost of Gas Rate	\$ 0.4656		
Adjustment Cost of Gas Rate	\$ 0.0031		
Indirect Cost of Gas Rate	<u>\$ 0.0256</u>		
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 0.6258		

C&I HIGH WINTER USE COST OF GAS RATE - 11/01/19		COGwh \$ 0.6190 /therm
Change in Rate due to change in under/over recovery		\$ (0.0550)
C&I HIGH WINTER USE COST OF GAS RATE - 01/01/2020		COGwh \$ 0.5640 /therm

Average Demand Cost of Gas Rate Effective 11/01/19	\$ 0.1260		
Times: High Winter Use Ratio (Winter)	0.9918	Maximum (COG + 25%)	\$ 0.7737
Times: Correction Factor	<u>0.9976</u>		
Adjusted Demand Cost of Gas Rate	\$ 0.1247		
Commodity Cost of Gas Rate	\$ 0.4656		
Adjustment Cost of Gas Rate	\$ 0.0031		
Indirect Cost of Gas Rate	<u>\$ 0.0256</u>		
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 0.6190		

ISSUED: December 20, 2019

ISSUED BY: /s/Susan L. Fleck

EFFECTIVE: January 01, 2020

Susan L. Fleck
TITLE: President