

Winter 2020/2021 Cost of Gas
Proposed Revised Tariff Pages

II RATE SCHEDULES
FIRM RATE SCHEDULES

Rates effective November 1, 2019 – April 30, 2020
Rates effective November 1, 2020 - April 30, 2021
Winter Period

Rates Effective July 1, 2019 – October 31, 2019
Rates Effective July 1, 2020 - October 31, 2020
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-1	\$ 15.20			\$ 15.20	\$ 15.20			\$ 15.20
Customer Charge per Month per Meter	\$ 15.50			\$ 15.50	\$ 15.50			\$ 15.50
All Therms	\$ 0.3860	\$ 0.5571	\$ 0.0603	\$ 1.0034	\$ 0.3860	\$ 0.4914	\$ 0.0310	\$ 0.9084
	\$ 0.3786	\$ 0.6203	\$ 0.0635	\$ 1.0624	\$ 0.3786	\$ 0.5556	\$ 0.0660	\$ 1.0002
Residential Heating - R-3	\$ 15.20			\$ 15.20	\$ 15.20			\$ 15.20
Customer Charge per Month per Meter	\$ 15.50			\$ 15.50	\$ 15.50			\$ 15.50
Size of the first block								
all therms								
All Therms	\$ 0.5678	\$ 0.5571	\$ 0.0603	\$ 1.1852	\$ 0.5678	\$ 0.4914	\$ 0.0310	\$ 1.0902
	\$ 0.5569	\$ 0.6203	\$ 0.0635	\$ 1.2407	\$ 0.5569	\$ 0.5556	\$ 0.0660	\$ 1.1785
Residential Heating - R-4	\$ 6.08			\$ 6.08	\$ 6.08			\$ 6.08
Customer Charge per Month per Meter	\$ 8.52			\$ 8.52	\$ 15.50			\$ 15.50
Size of the first block								
all therms								
All Therms	\$ 0.3123	\$ 0.3064	\$ 0.0603	\$ 0.6790	\$ 0.5678	\$ 0.4914	\$ 0.0310	\$ 1.0902
	\$ 0.2228	\$ (0.6203)	\$ 0.0635	\$ (0.3340)	\$ 0.2228	\$ 0.5556	\$ 0.0660	\$ 0.8444
Commercial/Industrial - G-41	\$ 56.36			\$ 56.36	\$ 56.36			\$ 56.36
Customer Charge per Month per Meter	\$ 57.46			\$ 57.46	\$ 57.46			\$ 57.46
Size of the first block								
100 therms								
Therms in the first block per month at	\$ 0.4711	\$ 0.5552	\$ 0.0549	\$ 1.0812	\$ 0.4711	\$ 0.4868	\$ 0.0478	\$ 1.0057
	\$ 0.4624	\$ 0.6190	\$ 0.0494	\$ 1.1305	\$ 0.4624	\$ 0.5524	\$ 0.0757	\$ 1.0899
All therms over the first block per month at	\$ 0.3165	\$ 0.5552	\$ 0.0549	\$ 0.9266	\$ 0.3165	\$ 0.4868	\$ 0.0478	\$ 0.8511
	\$ 0.3104	\$ 0.6190	\$ 0.0494	\$ 0.9788	\$ 0.3104	\$ 0.5524	\$ 0.0757	\$ 0.9382
Commercial/Industrial - G-42	\$ 169.09			\$ 169.09	\$ 169.09			\$ 169.09
Customer Charge per Month per Meter	\$ 172.39			\$ 172.39	\$ 172.39			\$ 172.39
Size of the first block								
1000 therms								
Therms in the first block per month at	\$ 0.4284	\$ 0.5552	\$ 0.0549	\$ 1.0385	\$ 0.4284	\$ 0.4868	\$ 0.0478	\$ 0.9630
	\$ 0.4202	\$ 0.6190	\$ 0.0494	\$ 1.0886	\$ 0.4202	\$ 0.5524	\$ 0.0757	\$ 1.0480
All therms over the first block per month at	\$ 0.2855	\$ 0.5552	\$ 0.0549	\$ 0.8956	\$ 0.2855	\$ 0.4868	\$ 0.0478	\$ 0.8201
	\$ 0.2800	\$ 0.6190	\$ 0.0494	\$ 0.9484	\$ 0.2800	\$ 0.5524	\$ 0.0757	\$ 0.9078
Commercial/Industrial - G-43	\$ 725.66			\$ 725.66	\$ 725.66			\$ 725.66
Customer Charge per Month per Meter	\$ 739.83			\$ 739.83	\$ 739.83			\$ 739.83
All therms over the first block per month at	\$ 0.2633	\$ 0.5552	\$ 0.0549	\$ 0.8734	\$ 0.1204	\$ 0.4868	\$ 0.0478	\$ 0.6550
	\$ 0.2583	\$ 0.6190	\$ 0.0494	\$ 0.9267	\$ 0.1181	\$ 0.5524	\$ 0.0757	\$ 0.7459
Commercial/Industrial - G-51	\$ 56.36			\$ 56.36	\$ 56.36			\$ 56.36
Customer Charge per Month per Meter	\$ 57.46			\$ 57.46	\$ 57.46			\$ 57.46
Size of the first block								
100 therms								
Therms in the first block per month at	\$ 0.2839	\$ 0.5660	\$ 0.0549	\$ 0.9048	\$ 0.2839	\$ 0.4985	\$ 0.0478	\$ 0.8302
	\$ 0.2785	\$ 0.6258	\$ 0.0494	\$ 0.9537	\$ 0.2785	\$ 0.5633	\$ 0.0757	\$ 0.9175
All therms over the first block per month at	\$ 0.1846	\$ 0.5660	\$ 0.0549	\$ 0.8055	\$ 0.1846	\$ 0.4985	\$ 0.0478	\$ 0.7309
	\$ 0.1811	\$ 0.6258	\$ 0.0494	\$ 0.8563	\$ 0.1811	\$ 0.5633	\$ 0.0757	\$ 0.8204
Commercial/Industrial - G-52	\$ 169.09			\$ 169.09	\$ 169.09			\$ 169.09
Customer Charge per Month per Meter	\$ 172.39			\$ 172.39	\$ 172.39			\$ 172.39
Size of the first block								
1000 therms								
Therms in the first block per month at	\$ 0.2439	\$ 0.5660	\$ 0.0549	\$ 0.8648	\$ 0.1767	\$ 0.4985	\$ 0.0478	\$ 0.7230
	\$ 0.2392	\$ 0.6258	\$ 0.0494	\$ 0.9144	\$ 0.1733	\$ 0.5633	\$ 0.0757	\$ 0.8123
All therms over the first block per month at	\$ 0.1624	\$ 0.5660	\$ 0.0549	\$ 0.7833	\$ 0.1004	\$ 0.4985	\$ 0.0478	\$ 0.6467
	\$ 0.1593	\$ 0.6258	\$ 0.0494	\$ 0.8345	\$ 0.0985	\$ 0.5633	\$ 0.0757	\$ 0.7375
Commercial/Industrial - G-53	\$ 746.81			\$ 746.81	\$ 746.81			\$ 746.81
Customer Charge per Month per Meter	\$ 761.39			\$ 761.39	\$ 761.39			\$ 761.39
All therms over the first block per month at	\$ 0.1705	\$ 0.5660	\$ 0.0549	\$ 0.7914	\$ 0.0818	\$ 0.4985	\$ 0.0478	\$ 0.6281
	\$ 0.1672	\$ 0.6258	\$ 0.0494	\$ 0.8424	\$ 0.0802	\$ 0.5633	\$ 0.0757	\$ 0.7192
Commercial/Industrial - G-54	\$ 746.81			\$ 746.81	\$ 746.81			\$ 746.81
Customer Charge per Month per Meter	\$ 761.39			\$ 761.39	\$ 761.39			\$ 761.39
All therms over the first block per month at	\$ 0.0650	\$ 0.5660	\$ 0.0549	\$ 0.6859	\$ 0.0353	\$ 0.4985	\$ 0.0478	\$ 0.5816
	\$ 0.0628	\$ 0.6258	\$ 0.0494	\$ 0.7309	\$ 0.0347	\$ 0.5633	\$ 0.0757	\$ 0.6737

Issued: ~~October xx, 2019~~ October xx, 2020
Effective: November 1, 2019 November 1, 2020

Issued by: _____
Susan L. Fleck
Title: President

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2020 in Docket DG 20-xxx.
~~Issued in compliance with NHPUC Order No. 26,306 dated October 31, 2019 in Docket DG 19-145~~

II RATE SCHEDULES
FIRM RATE SCHEDULES

Rates effective November 1, 2019 - April 30, 2020
Rates effective November 1, 2020 - April 30, 2021
Winter Period

Rates Effective October 1, 2019 - October 31, 2019
Rates Effective July 1, 2020 - October 31, 2020
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	\$ 19.76			\$ 19.76	\$ 19.76			\$ 19.76
Customer Charge per Month per Meter	\$ 20.15			\$ 20.15	\$ 20.15			\$ 20.15
All Therms	\$ 0.5018	\$ 0.5571	\$ 0.0603	\$ 1.1192	\$ 0.5018	\$ 0.4914	\$ 0.0660	\$ 1.0592
	\$ 0.4922	\$ 0.5825	\$ 0.0660	\$ 1.1407	\$ 0.4922	\$ 0.5566	\$ 0.0660	\$ 1.1138
Residential Heating - R-6	\$ 19.76			\$ 19.76	\$ 19.76			\$ 19.76
Customer Charge per Month per Meter	\$ 20.15			\$ 20.15	\$ 20.15			\$ 20.15
Size of the first block								
All Therms								
Therms in the first block per month at	\$ 0.7381	\$ 0.5571	\$ 0.0603	\$ 1.3555	\$ 0.7381	\$ 0.4914	\$ 0.0660	\$ 1.2955
	\$ 0.7240	\$ 0.5825	\$ 0.0660	\$ 1.3726	\$ 0.7240	\$ 0.5566	\$ 0.0660	\$ 1.3456
Residential Heating - R-7	\$ 7.90			\$ 7.90	\$ 7.90			\$ 7.90
Customer Charge per Month per Meter	\$ 11.08			\$ 11.08	\$ 20.15			\$ 20.15
Size of the first block								
All Therms	\$ 0.4060	\$ 0.3064	\$ 0.0603	\$ 0.7727	\$ 0.7381	\$ 0.4914	\$ 0.0660	\$ 1.2955
Therms in the first block per month at	\$ 0.2896	\$ 0.5825	\$ 0.0660	\$ 0.9381	\$ 0.2896	\$ 0.5566	\$ 0.0660	\$ 0.9142
Commercial/Industrial - G-44	\$ 73.26			\$ 73.26	\$ 73.26			\$ 73.26
Customer Charge per Month per Meter	\$ 74.69			\$ 74.69	\$ 74.69			\$ 74.69
Size of the first block								
100 therms	\$ 0.6126	\$ 0.5552	\$ 0.0549	\$ 1.2227	\$ 0.6127	\$ 0.4868	\$ 0.0757	\$ 1.1752
20 therms	\$ 0.6008	\$ 0.5817	\$ 0.0757	\$ 1.2582	\$ 0.6008	\$ 0.5621	\$ 0.0757	\$ 1.2286
All therms over the first block per month at	\$ 0.4114	\$ 0.5552	\$ 0.0549	\$ 1.0214	\$ 0.4113	\$ 0.4868	\$ 0.0757	\$ 0.9738
	\$ 0.4036	\$ 0.5817	\$ 0.0757	\$ 1.0610	\$ 0.4036	\$ 0.5621	\$ 0.0757	\$ 1.0344
Commercial/Industrial - G-45	\$ 219.82			\$ 219.82	\$ 219.82			\$ 219.82
Customer Charge per Month per Meter	\$ 224.11			\$ 224.11	\$ 224.11			\$ 224.11
Size of the first block								
1000 therms	\$ 0.5569	\$ 0.5552	\$ 0.0549	\$ 1.1670	\$ 0.5569	\$ 0.4868	\$ 0.0757	\$ 1.1194
400 therms	\$ 0.5463	\$ 0.5817	\$ 0.0757	\$ 1.2037	\$ 0.5463	\$ 0.3856	\$ 0.0757	\$ 1.0075
All therms over the first block per month at	\$ 0.3711	\$ 0.5552	\$ 0.0549	\$ 0.9811	\$ 0.3710	\$ 0.4868	\$ 0.0757	\$ 0.9335
	\$ 0.3639	\$ 0.5817	\$ 0.0757	\$ 1.0213	\$ 0.3639	\$ 0.3856	\$ 0.0757	\$ 0.8254
Commercial/Industrial - G-46	\$ 943.36			\$ 943.36	\$ 943.36			\$ 943.36
Customer Charge per Month per Meter	\$ 961.78			\$ 961.78	\$ 961.78			\$ 961.78
Size of the first block								
All therms over the first block per month at	\$ 0.3423	\$ 0.5552	\$ 0.0549	\$ 0.9524	\$ 0.1565	\$ 0.4868	\$ 0.0757	\$ 0.7190
	\$ 0.3358	\$ 0.5817	\$ 0.0757	\$ 0.9932	\$ 0.1535	\$ 0.3856	\$ 0.0757	\$ 0.6447
Commercial/Industrial - G-55	\$ 73.26			\$ 73.26	\$ 73.26			\$ 73.26
Customer Charge per Month per Meter	\$ 74.69			\$ 74.69	\$ 74.69			\$ 74.69
Size of the first block								
100 therms	\$ 0.3691	\$ 0.5660	\$ 0.0549	\$ 0.9899	\$ 0.3691	\$ 0.4985	\$ 0.0757	\$ 0.9433
Therms in the first block per month at	\$ 0.3621	\$ 0.5870	\$ 0.0757	\$ 1.0248	\$ 0.3635	\$ 0.5633	\$ 0.0757	\$ 1.0025
All therms over the first block per month at	\$ 0.2400	\$ 0.5660	\$ 0.0549	\$ 0.8608	\$ 0.2400	\$ 0.4985	\$ 0.0757	\$ 0.8142
	\$ 0.2354	\$ 0.5870	\$ 0.0757	\$ 0.8984	\$ 0.2383	\$ 0.5633	\$ 0.0757	\$ 0.8773
Commercial/Industrial - G-56	\$ 219.82			\$ 219.82	\$ 219.82			\$ 219.82
Customer Charge per Month per Meter	\$ 224.11			\$ 224.11	\$ 224.11			\$ 224.11
Size of the first block								
1000 therms	\$ 0.3171	\$ 0.5660	\$ 0.0549	\$ 0.9379	\$ 0.2297	\$ 0.4985	\$ 0.0757	\$ 0.8039
Therms in the first block per month at	\$ 0.3109	\$ 0.5870	\$ 0.0757	\$ 0.9736	\$ 0.2253	\$ 0.5633	\$ 0.0757	\$ 0.8643
All therms over the first block per month at	\$ 0.2111	\$ 0.5660	\$ 0.0549	\$ 0.8320	\$ 0.1305	\$ 0.4985	\$ 0.0757	\$ 0.7047
	\$ 0.2074	\$ 0.5870	\$ 0.0757	\$ 0.8698	\$ 0.1280	\$ 0.5633	\$ 0.0757	\$ 0.7670
Commercial/Industrial - G-57	\$ 970.84			\$ 970.84	\$ 970.84			\$ 970.84
Customer Charge per Month per Meter	\$ 989.80			\$ 989.80	\$ 989.80			\$ 989.80
Size of the first block								
All therms over the first block per month at	\$ 0.2216	\$ 0.5660	\$ 0.0549	\$ 0.8424	\$ 0.1063	\$ 0.4985	\$ 0.0757	\$ 0.6805
	\$ 0.2174	\$ 0.5870	\$ 0.0757	\$ 0.8801	\$ 0.1043	\$ 0.5633	\$ 0.0757	\$ 0.7433
Commercial/Industrial - G-58	\$ 970.84			\$ 970.84	\$ 970.84			\$ 970.84
Customer Charge per Month per Meter	\$ 989.80			\$ 989.80	\$ 989.80			\$ 989.80
Size of the first block								
All therms over the first block per month at	\$ 0.0846	\$ 0.5660	\$ 0.0549	\$ 0.7055	\$ 0.0459	\$ 0.4985	\$ 0.0757	\$ 0.6201
	\$ 0.0829	\$ 0.5870	\$ 0.0757	\$ 0.7456	\$ 0.0450	\$ 0.5633	\$ 0.0757	\$ 0.6840

Issued: ~~October xx, 2019~~ October xx, 2020
Effective: November 1, 2019 November 1, 2020

Issued by: _____
Susan L. Fleck
Title: President

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2020 in Docket DG 20-xxx.
Issued in compliance with NHPUC Order No. 26,306 dated October 31, 2019 in Docket DG 19-145.

II. RATE SCHEDULES
CALCULATION OF FIXED WINTER PERIOD COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2020 THROUGH APRIL 30, 2021
PERIOD COVERED: ~~WINTER PERIOD, NOVEMBER 1, 2019 THROUGH APRIL 30, 2020~~
(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	\$ 52,211,274		\$ 46,922,854	
Projected Prorated Sales (11/01/2018 - 4/30/2019) (11/01/2019 - 4/30/2020)	87,788,508		88,213,529	
Direct Cost of Gas Rate		\$ 0.5947		\$ 0.5319 per therm
Demand Cost of Gas Rate	\$ 11,060,200	\$ 0.1260	\$ 12,978,688	\$ 0.1471
Commodity Cost of Gas Rate	40,875,472	0.4656	\$ 32,931,719	\$ 0.3733
Adjustment Cost of Gas Rate	<u>275,604</u>	<u>0.0034</u>	<u>\$ 1,012,447</u>	<u>\$ 0.0115</u>
Total Direct Cost of Gas Rate	52,211,274	\$ 0.5947	\$ 46,922,854	\$ 0.5319
Total Anticipated Indirect Cost of Gas	\$ 2,254,330		\$ 2,220,114	
Projected Prorated Sales (11/01/2018 - 4/30/2019) (11/01/2019 - 4/30/2020)	87,788,508		88,213,529	
Indirect Cost of Gas		\$ 0.0256		\$ 0.0252 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE NOVEMBER 1, 20192018		\$ 0.6203		\$ 0.5571
Calculation of FPO				
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE		\$ 0.6203		\$ 0.5571
FPO Risk Premium		\$ 0.0200		\$ 0.0200
TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE(11/01/2018) (11/01/2019)		\$ 0.6403		\$ 0.5771
RESIDENTIAL COST OF GAS RATE (11/01/2019) (11/01/2020)	/therm	\$ 0.6403	/therm	\$ 0.5771

Total Anticipated Direct Cost of Gas	\$ 52,211,274		\$ 46,922,854	
Projected Prorated Sales (11/01/2018 - 4/30/2019) (11/01/2019 - 4/30/2020)	87,788,508		88,213,529	
Direct Cost of Gas Rate		\$ 0.5947		\$ 0.5319 per therm
Demand Cost of Gas Rate	\$ 11,060,200	\$ 0.1260	\$ 12,978,688	\$ 0.1471
Commodity Cost of Gas Rate	40,875,472	0.4656	\$ 32,931,719	\$ 0.3733
Adjustment Cost of Gas Rate	<u>275,604</u>	<u>0.0034</u>	<u>\$ 1,012,447</u>	<u>\$ 0.0115</u>
Total Direct Cost of Gas Rate	52,211,274	\$ 0.5947	\$ 46,922,854	\$ 0.5319
Total Anticipated Indirect Cost of Gas	\$ 2,254,330		\$ 2,220,114	
Projected Prorated Sales (11/01/2018 - 4/30/2019) (11/01/2019 - 4/30/2020)	87,788,508		88,213,529	
Indirect Cost of Gas		\$ 0.0256		\$ 0.0252 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE NOVEMBER 1, 20192018		\$ 0.6203		\$ 0.5571
Calculation of FPO				
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE		\$ 0.6203		\$ 0.3064
FPO Risk Premium		\$ 0.0200		\$ 0.0110
TOTAL PERIOD FIXED PRICE OPTION COST OF GAS RATE EFFECTIVE(11/01/2018) (11/01/2019)		\$ 0.6403		\$ 0.3174
RESIDENTIAL COST OF GAS RATE (11/01/2019) (11/01/2020)	/therm	\$ 0.6403	/therm	\$ 0.3174

Issued: ~~October xx, 2019~~ October xx, 2020
Effective: ~~November 1, 2019~~ November 1, 2020

Issued by: _____
Susan L. Fleck
President

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2020 in Docket DG 20-xxx.
~~Issued in compliance with NHPUC Order No. 26,306 dated October 31, 2019 in Docket DG 19-145~~

CALCULATION OF FIRM SALES COST OF GAS RATE
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2020 THROUGH APRIL 30, 2021
~~PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2019 THROUGH APRIL 30, 2020~~
(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	\$ 52,211,274		\$ 46,922,854	
Projected Prorated Sales (11/01/20 - 04/30/21) (11/01/19 - 04/30/20)	87,788,508		88,213,529	
Direct Cost of Gas Rate		0.5947		\$ 0.5319 per therm
Demand Cost of Gas Rate	\$ 11,060,200	0.1260	\$ 12,978,688	\$ 0.1471
Commodity Cost of Gas Rate	40,875,472	0.4656	32,931,719	\$ 0.3733
Adjustment Cost of Gas Rate	275,604	0.0031	1,012,447	\$ 0.0115
Total Direct Cost of Gas Rate	\$ 52,211,274	0.5947	\$ 46,922,854	\$ 0.5319
Total Anticipated Indirect Cost of Gas	\$ 2,251,330		\$ 2,220,114	
Projected Prorated Sales (11/01/20 - 04/30/21) (11/01/19 - 04/30/20)	87,788,508		88,213,529	
Indirect Cost of Gas		0.0256		\$ 0.0252 per therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/20				\$ 0.5571 per Therm
TOTAL PERIOD AVERAGE COST OF GAS EFFECTIVE 11/01/19		0.6203		

RESIDENTIAL COST OF GAS RATE - 11/01/20	COGwr	\$ 0.5571 /therm
--	--------------	-------------------------

Residential COST OF GAS RATE - 11/01/19	COGwr	\$ 0.6203 /therm
--	------------------	-----------------------------

Maximum (COG + 25%) \$ 0.7754 \$ 0.6964

GAS ASSISTANCE PLAN RESIDENTIAL COST OF GAS RATE R-4 & R-7 - 11/01/20	COGwr	\$ 0.3064 /therm
--	--------------	-------------------------

Maximum (COG + 25%) \$ 0.3830

C&I LOW WINTER USE COST OF GAS RATE - 11/01/20	COGwl	\$ 0.5660 /therm
---	--------------	-------------------------

C&I LOW WINTER USE COST OF GAS RATE - 11/01/19	COGwl	\$ 0.6258 /therm
---	------------------	-----------------------------

Average Demand Cost of Gas Rate Effective 11/01/19 11/01/2020	\$ 0.1260	\$ 0.1471	Maximum	(COG + 25%)	\$ 0.7823	\$ 0.7075
Times: Low Winter Use Ratio (Winter)	1.0465	1.0620				
Times: Correction Factor	0.9976	0.9984				
Adjusted Demand Cost of Gas Rate	\$ 0.1346	\$ 0.1560				
Commodity Cost of Gas Rate	\$ 0.4656	\$ 0.3733				
Adjustment Cost of Gas Rate	0.0031	0.0115				
Indirect Cost of Gas Rate	0.0256	0.0252				
Adjusted C&I Low Winter Use Cost of Gas Rate	\$ 0.6258	\$ 0.5660				

C&I HIGH WINTER USE COST OF GAS RATE - 11/01/20	COGwh	\$ 0.5552 /therm
--	--------------	-------------------------

C&I HIGH WINTER USE COST OF GAS RATE - 11/01/19	COGwh	\$ 0.6190 /therm
--	------------------	-----------------------------

Average Demand Cost of Gas Rate Effective 11/01/19 11/01/2020	\$ 0.1260	\$ 0.1471	Maximum	(COG + 25%)	\$ 0.7737	\$ 0.6941
Times: High Winter Use Ratio (Winter)	0.9948	0.9890				
Times: Correction Factor	0.9976	0.9984				
Adjusted Demand Cost of Gas Rate	\$ 0.1247	\$ 0.1452				
Commodity Cost of Gas Rate	\$ 0.4656	\$ 0.3733	Minimum			
Adjustment Cost of Gas Rate	0.0031	0.0115	Maximum			
Indirect Cost of Gas Rate	0.0256	0.0252				
Adjusted C&I High Winter Use Cost of Gas Rate	\$ 0.6190	\$ 0.5552				

Issued: ~~October xx, 2019~~ October xx, 2020
Effective: ~~November 1, 2019~~ November 1, 2020

Issued by: _____
Susan L. Fleck
President

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2020 in Docket DG 20-xxx.
~~Issued in compliance with NHPUC Order No. 26,306 dated October 31, 2019 in Docket DG 19-145~~

Anticipated Cost of Gas
PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2020 THROUGH APRIL 30, 2021
(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:	\$ 10,157,458	\$ 12,022,922
Supply Costs:	<u>34,260,417</u>	<u>28,276,980</u>
Storage Gas:		
Demand, Capacity:	\$ 902,742	\$ 955,766
Commodity Costs:	<u>4,281,375</u>	<u>3,064,149</u>
Produced Gas:	<u>2,333,680</u>	<u>1,590,589</u>
Hedged Contract (Saving)/Loss	<u> </u>	<u> </u>
Hedge Underground Storage Contract (Saving)/Loss:	<u> </u>	<u> </u>
Unadjusted Anticipated Cost of Gas:	<u>\$ 51,935,672</u>	<u>\$ 45,910,407</u>
Adjustments:		
Prior Period (Over)/Under Recovery (as of 05/01/20)	\$ 1,912,240	\$ 2,227,421
Interest	<u>(84,952)</u>	<u>72,812</u>
Fuel Inventory Revenue Requirement	<u>254,644</u>	<u>441,037</u>
Broker Revenues	<u>(30,924)</u>	<u>(32,725)</u>
Refunds from Suppliers	<u> </u>	<u> </u>
Fuel Financing	<u> </u>	<u> </u>
Transportation CGA Revenues	<u>(44,894)</u>	<u>(4,516)</u>
Interruptible Sales Margin	<u> </u>	<u> </u>
Capacity Release and Off System Sales Margins	<u>(1,875,483)</u>	<u>(1,736,581)</u>
Hedging Costs	<u> </u>	<u> </u>
Fixed Price Option Administrative Costs	<u>45,000</u>	<u>45,000</u>
Total Adjustments	<u>275,604</u>	<u>1,012,447</u>
Total Anticipated Direct Cost of Gas:	<u>\$ 52,211,274</u>	<u>\$ 46,922,854</u>
Anticipated Indirect Cost of Gas		
Working Capital:		
Total Unadjusted Anticipated Cost of Gas 11/01/20 - 04/30/21	\$ 51,935,672	\$ 45,910,407
Working Capital Rate: Lead Lag Days / 365	0.0994	0.0391
Prime Rate	5.25%	3.25%
Working Capital Percentage	0.205%	0.127%
Working Capital	<u>106,622</u>	<u>58,347</u>
Plus: Working Capital Reconciliation (Acct 142.20)	<u>(42,277)</u>	<u>(66,837)</u>
Total Working Capital Allowance	<u>64,345</u>	<u>(8,490)</u>
Bad Debt:		
Total Unadjusted Anticipated Cost of Gas 11/01/20 - 04/30/21	\$ 51,935,672	\$ 45,910,407
Less: Refunds	<u>64,345</u>	<u>(8,490)</u>
Plus: Total Working Capital	<u>64,345</u>	<u>(8,490)</u>
Plus: Prior Period (Over)/Under Recover	<u>1,912,240</u>	<u>2,227,421</u>
Subtotal	<u>53,942,228</u>	<u>48,129,338</u>
Bad Debt Percentage	<u>1.11%</u>	<u>1.11%</u>
Bad Debt Allowance	<u>598,426</u>	<u>534,236</u>
Plus: Bad Debt Reconciliation (Acct 175.52)	<u>(492,518)</u>	<u>(296,628)</u>
Total Bad Debt Allowance	<u>195,908</u>	<u>237,608</u>
Production and Storage Capacity	<u>1,980,428</u>	<u>1,980,428</u>
Miscellaneous Overhead 11/01/20 - 04/30/21	\$ 13,170	\$ 13,170
Times Winter Sales	<u>88,326</u>	<u>89,365</u>
Divided by Total Sales	<u>109,235</u>	<u>111,369</u>
Miscellaneous Overhead	<u>10,649</u>	<u>10,568</u>
Total Anticipated Indirect Cost of Gas:	<u>\$ 2,254,330</u>	<u>\$ 2,220,114</u>
Total Cost of Gas	<u>\$ 54,462,602</u>	<u>\$ 49,142,968</u>

Issued: October xx, 2020
Effective: November 1, 2020

Issued by: _____
Susan L. Fleck
Title: President

Issued in compliance with NHPUC Order No. xx,xxx dated October xx, 2020 in Docket DG 20-xxx.

II. RATE SCHEDULES

Calculation of Firm Transportation Cost of Gas Rate
 PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2020 THROUGH APRIL 30, 2021
~~PERIOD COVERED: WINTER PERIOD, NOVEMBER 1, 2019 THROUGH APRIL 30, 2020~~
 (Refer to text in Section 16(Q) Firm Transportation Cost of Gas Clause)

(Col 1)	(Col 2)	(Col 3)	(Col 4)	(Col 2)	(Col 3)	(Col 4)
ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES:						
PROPANE	\$ 1,409,746			\$ 568,511		
LNG	\$ 923,934			1,022,078		
TOTAL ANTICIPATED COST OF SUPPLEMENTAL GAS SUPPLIES	<u>2,333,680</u>			1,590,589		
ESTIMATED PERCENTAGE USED FOR PRESSURE SUPPORT PURPOSES	8.7%			8.7%		
ESTIMATED COST OF LIQUIDS USED FOR PRESSURE SUPPORT PURPOSES	<u>\$ 203,030</u>			<u>\$ 138,381</u>		
PROJECTED FIRM THROUGHPUT (THERMS):						
FIRM SALES	88,325,512	63.5%		89,364,968	67.8%	
FIRM TRANSPORTATION SUBJECT TO FTCCG	50,711,358	<u>36.5%</u>		<u>42,456,275</u>	<u>32.2%</u>	
TOTAL FIRM THROUGHPUT SUBJECT TO COST OF GAS CHARGE	139,036,871	100.0%		131,821,243	100.0%	
TRANSPORTATION SHARE OF SUPPLEMENTAL GAS SUPPLIES	36.5%	203,030 =	\$ 74,052	32.2% x	\$ 138,381 =	\$ 44,569
PRIOR (OVER) OR UNDER COLLECTION			(29,161)			(40,053)
NET AMOUNT TO COLLECT FROM (RETURNED TO) TRANSPORTATION CUSTOMERS			\$ 44,891			\$ 4,516
PROJECTED FIRM TRANSPORTATION THROUGHPUT			50,711,358			42,456,275
FIRM TRANSPORTATION COST OF GAS			\$ 0.0000			\$ 0.0001

Issued: ~~October xx, 2019~~ October xx, 2020
 Effective: ~~November 1, 2019~~ November 1, 2020

Issued by: _____
 Title: Susan L. Fleck
 President

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2020 in Docket DG 20-xxx.
~~Issued in compliance with NHPUC Order No. 26,306 dated October 31, 2019 in Docket DG 19-145~~

Environmental Surcharge - Manufactured Gas Plants

Manufactured Gas Plants

Required annual increase in rates	\$ 2,860,522	\$ 2,864,179
DG 10-017 Base Rate Revision Collections	\$ _____	\$ 341,389
Environmental Subtotal	\$ 2,860,522	\$ 338,564
Overall Annual Net Increase to Rates	\$ 2,860,522	\$ 3,544,132
Estimated weather normalized firm therms billed for the twelve months ended 10/31/20 - sales and transportation	187,178,686	179,574,679 therms
Surcharge per therm	\$ 0.0153	<u>\$0.0197</u> per therm
<u>Total Environmental Surcharge</u>	\$ 0.0153	<u><u>\$0.0197</u></u>

Issued: ~~October xx, 2019~~ October xx, 2020

Issued by: _____

Effective: ~~November 1, 2019~~ November 1, 2020

Title: Susan L. Fleck
President

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2020 in Docket DG 20-xxx.
~~Issued in compliance with NHPUC Order No. 26,306 dated October 31, 2019 in Docket DG 19-145~~

**NHPUC NO. 10 - GAS
LIBERTY UTILITIES**

**Proposed Third Revised Page 96
Superseding Second Revised Page 96**

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, 2020 - October 31, 2021
~~For LDAC effective November 1, 2019 - October 31, 2020~~

1	Rate Case Expense Remaining from Docket No. DG 17-048	\$257,626
2	Recoupment Remaining from Docket No. DG 17-048	<u>\$244,584</u>
3	July 1, 2019 Balance	\$502,207
4	Plus Estimated Interest from July 2019 through October 2019	\$7,674
5	Minus Estimated Recoveries from July 2019 through October 2019	<u>(\$206,666)</u>
6	Total Estimated Remaining Recovery As of November 1, 2019	\$303,212
7	Estimated November 2019 - October 2020 Interest	<u>\$6,013</u>
8	Total Remaining Recovery	\$309,225
9	Estimated November 2019 - October 2020 Sales (therms)	187,178,686
10	RCE & Recoupment rate per therm November 2019 - October 2020	\$0.0017
1	Rate Case Expense Remaining from Docket No. DG 17-048	\$87,069
2	Recoupment Remaining from Docket No. DG 17-048	<u>\$0</u>
3	July 1, 2020 Balance	\$87,069
4	Plus Estimated Interest from July 2020 through October 2020	\$745
5	Minus Estimated Recoveries from July 2020 through October 2020	<u>(\$43,733)</u>
6	Total Estimated Remaining Recovery As of November 1, 2020	\$44,081
7	Estimated November 2019 - October 2020 Interest	<u>\$538</u>
8	Total Remaining Recovery	\$44,619
9	Estimated November 2020 - October 2021 Sales (therms)	179,574,679
10	RCE & Recoupment rate per therm November 2020 - October 2021	\$0.0002

Issued: ~~October xx, 2019~~ October xx, 2020

Effective: ~~November 1, 2019~~ November 1, 2020

Issued by: _____
Susan L. Fleck
Title: President

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2020 in Docket DG 20-xxx.
~~Issued in compliance with NHPUC Order No. 26,306 dated October 31, 2019 in Docket DG 19-145~~

Local Delivery Adjustment Clause Calculation

			Sales Customers	Transportation Customers
Residential Non Heating Rates - R-1				
Energy Efficiency Charge	\$ 0.0640		\$ 0.0831	
Demand Side Management Charge	0.0000		0.0000	
Conservation Charge (CCx)	0.0640			
Relief Holder and pond at Gas Street, Concord, NH	0.0000		0.0000	
Manufactured Gas Plants	0.0153		0.0197	
Environmental Surcharge (ES)	0.0153		\$ 0.0197	
Revenue Decoupling Adjustment Factor (RDAF)		(0.0298)	(0.0549)	
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0004	0.0000	
Rate Case Expense Factor (RCEF)		0.0017	0.0002	
Residential Gas Assistance Program (RGAP)		0.0123	0.0121	
LDAC		0.0635	\$ 0.0603	per therm

Residential Heating Rates - R-3, R-4, R-6, R-7				
Energy Efficiency Charge	\$ 0.0640		\$ 0.0831	
Demand Side Management Charge	0.0000		0.0000	
Conservation Charge (CCx)	0.0640			
Relief Holder and pond at Gas Street, Concord, NH	0.0000		0.0000	
Manufactured Gas Plants	0.0153		0.0197	
Environmental Surcharge (ES)		0.0153	0.0197	
Revenue Decoupling Adjustment Factor (RDAF)		(0.0298)	(0.0549)	
Energy Efficiency Resource Standard Lost Revenue Mechanism		0.0004	0.0000	
Rate Case Expense Factor (RCEF)		0.0017	0.0002	
Residential Gas Assistance Program (RGAP)		0.0123	0.0121	
LDAC		0.0635	\$ 0.0603	per therm

Commercial/Industrial Low Annual Use Rates - G-41, G-51, G-44, G-55				
Energy Efficiency Charge	\$ 0.0426		\$ 0.0441	
Demand Side Management Charge	0.0426		-	
Conservation Charge (CCx)	0.0426		\$ 0.0441	0.0426 \$ 0.0441
Relief Holder and pond at Gas Street, Concord, NH	0.0426		-	
Manufactured Gas Plants	0.0153		0.0197	
Environmental Surcharge (ES)		0.0153	\$ 0.0197	0.0153 \$ 0.0197
Revenue Decoupling Adjustment Factor (RDAF)		(0.0225)	(0.0213)	(0.0225) (0.0213)
Energy Efficiency Resource Standard Lost Revenue Mechanism		-0.0004	-	-0.0004 -
Rate Case Expense Factor (RCEF)		-0.0017	0.0002	-0.0017 0.0002
Residential Gas Assistance Program (RGAP)		0.0123	0.0121	0.0123 0.0121
LDAC		0.0494	\$ 0.0549	0.0494 \$ 0.0549 per therm

Commercial/Industrial Medium Annual Use Rates - G-42, G-52, G-45, G-56				
Energy Efficiency Charge	\$ 0.0426		\$ 0.0441	
Demand Side Management Charge	0.0426		-	
Conservation Charge (CCx)	0.0426		\$ 0.0441	0.0426 \$ 0.0441
Relief Holder and pond at Gas Street, Concord, NH	0.0426		-	
Manufactured Gas Plants	0.0153		0.0197	
Environmental Surcharge (ES)		0.0153	\$ 0.0197	0.0153 \$ 0.0197
Revenue Decoupling Adjustment Factor (RDAF)		(0.0225)	(0.0213)	(0.0225) (0.0213)
Energy Efficiency Resource Standard Lost Revenue Mechanism		-0.0004	-	-0.0004 -
Rate Case Expense Factor (RCEF)		-0.0017	0.0002	-0.0017 0.0002
Residential Gas Assistance Program (RGAP)		0.0123	0.0121	0.0123 0.0121
LDAC		0.0494	\$ 0.0549	0.0494 \$ 0.0549 per therm

Commercial/Industrial Large Annual Use Rates - G-43, G-53, G-54, G-46, G-56, G-57, G-58				
Energy Efficiency Charge	\$ 0.0426		\$ 0.0441	
Demand Side Management Charge	0.0426		-	
Conservation Charge (CCx)	0.0426		\$ 0.0441	0.0426 \$ 0.0441
Relief Holder and pond at Gas Street, Concord, NH	0.0426		-	
Manufactured Gas Plants	0.0153		0.0197	
Environmental Surcharge (ES)		0.0153	0.0197	0.0153 0.0197
Revenue Decoupling Adjustment Factor (RDAF)		(0.0225)	(0.0213)	(0.0225) (0.0213)
Energy Efficiency Resource Standard Lost Revenue Mechanism		-0.0004	-	-0.0004 -
Rate Case Expense Factor (RCEF)		-0.0017	0.0002	-0.0017 0.0002
Residential Gas Assistance Program (RGAP)		0.0123	0.0121	0.0123 0.0121
LDAC		0.0494	\$ 0.0549	0.0494 \$ 0.0549 per therm

Issued: ~~October xx, 2019~~

October xx, 2020

Issued by: _____

Effective: ~~November 1, 2019~~

November 1, 2020

Title: Susan L. Fleck

President

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2020 in Docket DG 20-xxx.
Issued in compliance with NHPUC Order No. 26,306 dated October 31, 2019 in Docket DG 19-145

III DELIVERY TERMS AND CONDITIONS

**NHPUC NO. 10 - GAS
LIBERTY UTILITIES**

**Revised Proposed Third Revised Page 147
Superseding Second Revised Page 147**

ATTACHMENT B

Schedule of Administrative Fees and Charges

I.	Supplier Balancing Charge:	\$	0.21	0.12	
II.	Capacity Mitigation Fee		15%	15% of the Proceeds from the Marketing of Capacity for Mitigation.	
III.	Peaking Demand Charge	\$	18.12	\$	17.32
IV.	Company Allowance Calculation (per Schedule 25)				
			484,100,282	169,030,868	Total Sendout - Therms Jul-2019 - Jun-2020
					Total Sendout - Therms Jul-2018 - Jun-2019
			<u>477,649,709</u>	<u>166,311,578</u>	Total Throughput - Therms Jul-2019 - Jun-2020
					Total Throughput - Therms Jul-2018 - Jun-2020
			3,480,573	2,719,290	Variance (Sendout - Throughput)
Company Allowance Percentage	2020-21	2019-20	4.9%	1.6%	Variance / Total Sendout

Issued: ~~October xx, 2019~~ October xx, 2020

Effective: ~~November 1, 2019~~ November 1, 2020

Issued by: _____
Susan L. Fleck
Title: President

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2020 in Docket DG 20-xxx.
~~Issued in compliance with NHPUC Order No. 26,306 dated October 31, 2019 in Docket DG 19-145~~

III DELIVERY TERMS AND CONDITIONS

NHPUC NO. 10 - GAS
LIBERTY UTILITIES

Proposed Third Revised Page 148
Superseding Second Revised Page 148

ATTACHMENT C

CAPACITY ALLOCATORS

Rate Class		Pipeline	Storage	Peaking	Total
G-41	Low Annual /High Winter Use	46.5% 46.1%	17.2% 17.1%	36.3% 36.8%	100.0%
G-51	Low Annual /Low Winter Use	60.3% 59.3%	12.8% 12.9%	26.9% 27.9%	100.0%
G-42	Medium Annual / High Winter	46.5% 46.1%	17.2% 17.1%	36.3% 36.8%	100.0%
G-52	High Annual / Low Winter Use	60.3% 59.3%	12.8% 12.9%	26.9% 27.9%	100.0%
G-43	High Annual / High Winter	46.5% 46.1%	17.2% 17.1%	36.3% 36.8%	100.0%
G-53	High Annual / Load Factor < 90%	60.3% 59.3%	12.8% 12.9%	26.9% 27.9%	100.0%
G-54	High Annual / Load Factor > 90%	60.3% 59.3%	12.8% 12.9%	26.9% 27.9%	100.0%

Issued: ~~October xx, 2019~~ October xx, 2020
Effective: ~~November 1, 2019~~ November 1, 2020

Issued by: _____
Susan L. Fleck
President

Title:

Issued in compliance with NHPUC Order No. xx,xxx dated xxxx xx, 2020 in Docket DG 20-xxx.
~~Issued in compliance with NHPUC Order No. 26,306 dated October 31, 2019 in Docket DG 19-145~~