

CALCULATION OF THE WINTER COST OF GAS RATE

Period Covered: Winter Period November 1, 2018 through April 30, 2019

Projected Gas Sales - therms		1,093,088
Total Anticipated Cost of Gas Sendout		\$1,687,837
Add: Prior Period Deficiency Uncollected Interest	\$0	\$0
Deduct: Prior Period Excess Collected Interest	(\$148,397)	<u>(\$2,957)</u>
Prior Period Adjustments and Interest		(\$151,354)
Total Anticipated Cost		<u>\$1,536,483</u>

Cost of Gas Rate

Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)	<u>\$1.4056</u>
Fixed Price Option Premium	\$0.0200
Fixed Price Option Cost of Gas Rate (per therm)	<u>\$1.4256</u>

Pursuant to tariff section 17(d), the Company may adjust the approved cost of gas rate upward on a monthly basis to the following rate:

Maximum Cost of Gas Rate - Non-Fixed Price Option (per therm)	<u>\$1.7570</u>
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DATED: September xx, 2018

EFFECTIVE: November 01, 2018

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

Authorized by NHPUC Order No. xx,xxx dated October xx, 2018, in Docket No. DG 18-xxx

Calculation of the Cost of Gas Rate

Period Covered: ~~Winter Period November 1, 2017 through April 30, 2018~~
Winter Period November 1, 2018 through April 30, 2019

Projected Gas Sales - therms		1,102,604	1,093,088
Total Anticipated Cost of Gas Sendout		\$1,410,222	\$1,687,837
Add: Prior Period Deficiency Uncollected Interest		\$0	\$0
		\$0	\$0
Deduct: Prior Period Excess Collected Interest		(\$29,372)	(\$148,397)
		<u>\$1,053</u>	(\$2,957)
Prior Period Adjustments and Interest			(\$28,319)
			(\$151,354)
Total Anticipated Cost		<u>\$1,381,903</u>	\$1,536,483

Cost of Gas Rate

Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)		<u>\$1.2533</u>	<u>\$1.4056</u>
Fixed Price Option Premium		(\$0.0125)	\$0.0200
Fixed Price Option Cost of Gas Rate (per therm)		<u>\$1.2408</u>	<u>\$1.4256</u>
Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)		\$1.2533	
Mid-Period Adjustment - January 1, 2018		\$0.0475	
Mid-Period Adjustment - February 01, 2018		\$0.2658	
Mid-Period Adjustment - April 1, 2018		(\$0.0445)	
Revised Non-Fixed Price Option Cost of Gas Rate - Effective April 1, 2018 (per therm)		<u><u>\$1.5221</u></u>	

	Rates Effective November 1, 2018 - April 30, 2019 Winter Period Period				Rates Effective September 1, 2018 - October 31, 2018 Summer Period [1]			
	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 93</u>	<u>LDAC Page 97</u>	<u>Total Rate</u>	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 90</u>	<u>LDAC Page 97</u>	<u>Total Rate</u>
Residential Non Heating - R-1								
Customer Charge per Month per Meter	\$ 15.02			\$ 15.02	\$ 15.02			\$ 15.02
All therms	\$ 0.3938	\$ 1.4056	\$ 0.0673	\$ 1.4635	\$ 0.3938	\$ 0.7800	\$ 0.0945	\$ 1.4635
Residential Heating - R-3								
Customer Charge per Month per Meter	\$ 15.02			\$ 15.02	\$ 15.02			\$ 15.02
Size of the first block	all therms				all therms			
Therms in the first block per month at	\$ 0.5631	\$ 1.4056	\$ 0.0673	\$ 1.6328	\$ 0.5631	\$ 0.7800	\$ 0.0945	\$ 1.6328
All therms over the first block per month at								
Residential Heating - R-4								
Customer Charge per Month per Meter	\$ 6.00			\$ 6.00	\$ 6.00			\$ 6.00
Size of the first block	all therms				all therms			
Therms in the first block per month at	\$ 0.2252	\$ 1.4056	\$ 0.0673	\$ 1.2949	\$ 0.2252	\$ 0.7800	\$ 0.0945	\$ 1.2949
All therms over the first block per month at								
Commercial/Industrial - G-41								
Customer Charge per Month per Meter	\$ 56.58			\$ 56.58	\$ 56.58			\$ 56.58
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.4639	\$ 1.4056	\$ 0.0772	\$ 1.5154	\$ 0.4639	\$ 0.7800	\$ 0.0763	\$ 1.5154
All therms over the first block per month at	\$ 0.3116	\$ 1.4056	\$ 0.0772	\$ 1.3631	\$ 0.3116	\$ 0.7800	\$ 0.0763	\$ 1.3631
Commercial/Industrial - G-42								
Customer Charge per Month per Meter	\$ 169.75			\$ 169.75	\$ 169.75			\$ 169.75
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.4219	\$ 1.4056	\$ 0.0772	\$ 1.4734	\$ 0.4219	\$ 0.7800	\$ 0.0763	\$ 1.4734
All therms over the first block per month at	\$ 0.2811	\$ 1.4056	\$ 0.0772	\$ 1.3326	\$ 0.2811	\$ 0.7800	\$ 0.0763	\$ 1.3326
Commercial/Industrial - G-43								
Customer Charge per Month per Meter	\$ 728.47			\$ 728.47	\$ 728.47			\$ 728.47
All therms over the first block per month at	\$ 0.2593	\$ 1.4056	\$ 0.0772	\$ 1.1700	\$ 0.1185	\$ 0.7800	\$ 0.0763	\$ 1.1700
Commercial/Industrial - G-51								
Customer Charge per Month per Meter	\$ 56.58			\$ 56.58	\$ 56.58			\$ 56.58
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.2796	\$ 1.4056	\$ 0.0772	\$ 1.3311	\$ 0.2796	\$ 0.7800	\$ 0.0763	\$ 1.3311
All therms over the first block per month at	\$ 0.1817	\$ 1.4056	\$ 0.0772	\$ 1.2332	\$ 0.1817	\$ 0.7800	\$ 0.0763	\$ 1.2332
Commercial/Industrial - G-52								
Customer Charge per Month per Meter	\$ 169.75			\$ 169.75	\$ 169.75			\$ 169.75
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.2410	\$ 1.4056	\$ 0.0772	\$ 1.2255	\$ 0.1740	\$ 0.7800	\$ 0.0763	\$ 1.2255
All therms over the first block per month at	\$ 0.1600	\$ 1.4056	\$ 0.0772	\$ 1.1504	\$ 0.0989	\$ 0.7800	\$ 0.0763	\$ 1.1504
Commercial/Industrial - G-53								
Customer Charge per Month per Meter	\$ 749.68			\$ 749.68	\$ 749.68			\$ 749.68
All therms over the first block per month at	\$ 0.1678	\$ 1.4056	\$ 0.0772	\$ 1.1320	\$ 0.0805	\$ 0.7800	\$ 0.0763	\$ 1.1320
Commercial/Industrial - G-54								
Customer Charge per Month per Meter	\$ 749.68			\$ 749.68	\$ 749.68			\$ 749.68
All therms over the first block per month at	\$ 0.0640	\$ 1.4056	\$ 0.0772	\$ 1.0862	\$ 0.0347	\$ 0.7800	\$ 0.0763	\$ 1.0862

[1] For Keene rates in effect prior to May 1, 2018 please see tariff:
NHPUC NO. 1 - GAS LIBERTY UTILITIES (ENERGYNORTH NATURAL GAS) CORP D/B/A
LIBERTY UT LIT ES - KEENE DIVISION

DATED: September xx, 2018
EFFECTIVE: November 01, 2018

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

Authorized by NHPUC Order No xx,xxx dated October xx, 2018, in Docket No DG 18-xxx