

Tariff Sheets

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Northern Utilities, Inc.
New Hampshire Division
2019 / 2020 Annual Cost of Gas Filing
Winter and Summer Periods

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Anticipated Cost of Gas
New Hampshire Division
Period Covered: November 1, 2019 - April 30, 2020

	(Col 1)	(Col 2)	(Col 3)
<u>ANTICIPATED DIRECT COST OF GAS</u>			
Purchased Gas:			
Demand Costs:		\$1,399,977	
Supply Costs:		\$4,289,717	
Storage & Peaking Gas:			
Demand, Capacity:		\$12,012,257	
Commodity Costs:		\$9,816,975	
Interruptible Included Above		\$0	
Inventory Finance Charge		\$2,734	
Capacity Release, & Asset Management		(\$6,057,829)	
Re-entry Rate & Conversion Rate Revenues		\$ (10,000)	
Total Anticipated Direct Cost of Gas			<u>\$21,453,831</u>
<u>ANTICIPATED INDIRECT COST OF GAS</u>			
Adjustments:			
Prior Period Under/(Over) Collection		(\$1,406,949)	
Interest		(\$29,113)	
Refunds		\$0	
<u>Interruptible Margins</u>		<u>\$0</u>	
Total Adjustments			(\$1,436,062)
Working Capital:			
Total Anticipated Direct Cost of Gas		\$21,453,831	
Working Capital Percentage		<u>0.2880%</u>	
Working Capital Allowance		\$ 61,778	
Plus: Working Capital Reconciliation (Acct 173)		<u>(\$35,633)</u>	
Total Working Capital Allowance			\$26,145
Bad Debt:			
Bad Debt Allowance		\$153,235	
Plus: Bad Debt Reconciliation (Acct 173)		(\$2,792)	
Total Bad Debt Allowance			\$150,444
Local Production and Storage Capacity			\$476,106
Miscellaneous Overhead-80.55% Allocated to WinterSeason			<u>\$467,545</u>
Total Anticipated Indirect Cost of Gas			(\$315,822)
Total Cost of Gas			<u>\$21,138,010</u>

Issued: September 17, 2019

Issued By: Christine Vaughan
 Senior Vice President

Effective Date: November 1, 2019

Authorized by NHPUC Order No. _____, in Docket No. DG 19-____, dated _____, 2019

Anticipated Cost of Gas
New Hampshire Division
Period Covered: May 1, 2020 - October 31, 2020

(Col 1)	(Col 2)	(Col 3)
<u>ANTICIPATED DIRECT COST OF GAS</u>		
Purchased Gas:		
Demand Costs:	\$374,176	
Supply Costs:	\$1,901,121	
Storage & Peaking Gas:		
Demand, Capacity:	\$351,629	
Commodity Costs:	\$15,556	
Interruptible Included Above	\$0	
Inventory Finance Charge	\$0	
Capacity Release & Asset Management	\$0	
Re-entry Rate and Conversion Rate Revenues	\$0	
Total Anticipated Direct Cost of Gas		<u>\$2,642,481</u>
<u>ANTICIPATED INDIRECT COST OF GAS</u>		
Adjustments:		
Prior Period Under/(Over) Collection	(\$339,771)	
Interest	(\$18,232)	
Refunds	\$0	
<u>Interruptible Margins</u>	<u>\$0</u>	
Total Adjustments		(\$358,003)
Working Capital:		
Total Anticipated Direct Cost of Gas	\$2,642,482	
Working Capital Percentage	<u>0.2880%</u>	
Working Capital Allowance	\$7,609	
Plus: Working Capital Reconciliation (Acct 173)	<u>(\$8,605)</u>	
Total Working Capital Allowance		(\$996)
Bad Debt:		
Bad Debt Allowance	\$15,143	
Plus: Bad Debt Reconciliation (Acct 173)	(\$674)	
Total Bad Debt Allowance		\$14,470
Local Production and Storage Capacity		\$0
Miscellaneous Overhead-19.45% Allocated to the Summer Season		\$112,910
Total Anticipated Indirect Cost of Gas		(\$231,620)
Total Cost of Gas		<u>\$2,410,862</u>

Issued: September 17, 2019

Issued By: Christine Vaughan

Effective Date: May 1, 2020

Senior Vice President

Authorized by NHPUC Order No. _____, in Docket No. DG 19-____, dated _____, 2019

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2019 - April 30, 2020

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$21,453,831	
Projected Prorated Sales (11/01/19 - 04/30/20)	36,062,011	
Direct Cost of Gas Rate		\$0.5949 per therm
Demand Cost of Gas Rate	\$7,344,405	\$0.2037 per therm
Commodity Cost of Gas Rate	<u>\$14,106,692</u>	<u>\$0.3912 per therm</u>
Total Direct Cost of Gas Rate	\$21,451,097	\$0.5949 per therm
Total Anticipated Indirect Cost of Gas	(\$315,822)	
Projected Prorated Sales (11/01/19 - 04/30/20)	36,062,011	
Indirect Cost of Gas		(\$0.0088) per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.5861 per therm

RESIDENTIAL COST OF GAS RATE -11/01/19	COGwr	\$0.5861 per therm
	Maximum (COG+25%)	\$0.7326

COM/IND LOW WINTER USE COST OF GAS RATE - 11/01/19	COGwl	\$0.4950 per therm
	Maximum (COG+25%)	\$0.6188

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$505,175
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C&I HLF	<u>\$30,878</u>
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$536,053
C&I HLF PROJECTED PRORATED SALES (11/01/19 - 04/30/20)	3,762,682
DEMAND COST OF GAS RATE	\$0.1425
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$1,352,376
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	<u>\$6,954</u>
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$1,359,330
C&I HLF PROJECTED PRORATED SALES (11/01/19 - 04/30/20)	3,762,682
COMMODITY COST OF GAS RATE	\$0.3613
INDIRECT COST OF GAS	(\$0.0088)
TOTAL C&I HLF COST OF GAS RATE	\$0.4950

COM/IND HIGH WINTER USE COST OF GAS RATE - 11/01/19	COGwh	\$0.6082 per therm
	Maximum (COG+25%)	\$0.7603

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$3,196,065
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>\$195,354</u>
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$3,391,419
C&I LLF PROJECTED PRORATED SALES (11/01/19 - 04/30/20)	15,521,733
DEMAND COST OF GAS RATE	\$0.2185
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$6,154,139
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	<u>\$31,647</u>
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$6,185,785
C&I LLF PROJECTED PRORATED SALES (11/01/19 - 04/30/20)	15,521,733
COMMODITY COST OF GAS RATE	\$0.3985
INDIRECT COST OF GAS	(\$0.0088)
TOTAL C&I LLF COST OF GAS RATE	\$0.6082

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2020 - October 31, 2020

(Col 1)	(Col 2)	(Col 3)
Total Anticipated Direct Cost of Gas	\$2,642,482	
Projected Prorated Sales (05/01/20 - 10/31/20)	8,708,801	
Direct Cost of Gas Rate		\$0.3035 per therm
Demand Cost of Gas Rate	\$725,806	\$0.0833 per therm
Commodity Cost of Gas Rate	<u>\$1,916,677</u>	<u>\$0.2201</u> per therm
Total Direct Cost of Gas Rate	\$2,642,482	\$0.3034 per therm
Total Anticipated Indirect Cost of Gas	(\$231,620)	
Projected Prorated Sales (05/01/20 - 10/31/20)	8,708,801	
Indirect Cost of Gas		(\$0.0266) per therm
TOTAL PERIOD AVERAGE COST OF GAS		\$0.2768 per therm

RESIDENTIAL COST OF GAS RATE -05/01/20	COGwr	\$0.2768 per therm
	Maximum (COG+25%)	\$0.3460

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/20	COGwl	\$0.2443 per therm
	Maximum (COG+25%)	\$0.3054

C&I HLF DEMAND COSTS ALLOCATED PER SMBA	\$124,606
PLUS: RESIDENTIAL DEMAND RELOCATION TO C&I HLF	<u>\$12,788</u>
C&I HLF TOTAL ADJUSTED DEMAND COSTS	\$137,394
C&I HLF PROJECTED PRORATED SALES (05/01/20 - 10/31/20)	2,702,383
DEMAND COST OF GAS RATE	\$0.0508
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA	\$594,754
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF	<u>(\$27)</u>
C&I HLF TOTAL ADJUSTED COMMODITY COSTS	\$594,727
C&I HLF PROJECTED PRORATED SALES (05/01/20 - 10/31/20)	2,702,383
COMMODITY COST OF GAS RATE	\$0.2201
INDIRECT COST OF GAS	(\$0.0266)
TOTAL C&I HLF COST OF GAS RATE	\$0.2443

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/20	COGwh	\$0.3116 per therm
	Maximum (COG+25%)	\$0.3895

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$271,219
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C&I LLF	<u>\$27,835</u>
C&I LLF TOTAL ADJUSTED DEMAND COSTS	\$299,054
C&I LLF PROJECTED PRORATED SALES (05/01/20 - 10/31/20)	2,532,740
DEMAND COST OF GAS RATE	\$0.1181
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA	\$557,418
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF	<u>(\$25)</u>
C&I LLF TOTAL ADJUSTED COMMODITY COSTS	\$557,393
C&I LLF PROJECTED PRORATED SALES (05/01/20 - 10/31/20)	2,532,740
COMMODITY COST OF GAS RATE	\$0.2201
INDIRECT COST OF GAS	(\$0.0266)
TOTAL C&I LLF COST OF GAS RATE	\$0.3116

Local Delivery Adjustment Clause

Rate Schedule	RLIARA	EEC	LRR	ERC	ITMC	RCE	RPC	LDAC
Residential Heating	\$0.0036	\$0.0499	\$0.0114	\$0.0057	\$0.0000	\$0.0000	\$0.0000	\$0.0706
Residential Non-Heating	\$0.0036	\$0.0499	\$0.0114	\$0.0057	\$0.0000	\$0.0000	\$0.0000	\$0.0706
Small C&I	\$0.0036	\$0.0247	\$0.0019	\$0.0057	\$0.0000	\$0.0000	\$0.0000	\$0.0359
Medium C&I	\$0.0036	\$0.0247	\$0.0019	\$0.0057	\$0.0000	\$0.0000	\$0.0000	\$0.0359
Large C&I	\$0.0036	\$0.0247	\$0.0019	\$0.0057	\$0.0000	\$0.0000	\$0.0000	\$0.0359
No Previous Sales Service								

Issued: September 17, 2019
Effective: With Service Rendered On and After November 1, 2019
Authorized by NHPUC Order No. in Docket No. , dated

Issued by: Christine Vaughan
Title: Senior Vice President

**NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
 WINTER SEASON RESIDENTIAL RATES**

Winter Season November 2019 - April 2020		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating	<u>Tariff Rate R 5:</u>			
	Monthly Customer Charge	\$22.20	\$22.20	\$22.20
	First 50 therms	\$0.6920	\$0.7626	\$1.3487
	All usage over 50 therms	\$0.6920	\$0.7626	\$1.3487
	LDAC	\$0.0706		
	<u>Gas Cost Adjustment:</u>			
Cost of Gas	\$0.5861			
Residential Heating Low Income	<u>Tariff Rate R 10:</u>			
	Monthly Customer Charge	\$8.88	\$8.88	\$8.88
	First 50 therms	\$0.2768	\$0.3474	\$0.9335
	All usage over 50 therms	\$0.2768	\$0.3474	\$0.9335
	LDAC	\$0.0706		
	<u>Gas Cost Adjustment:</u>			
Cost of Gas	\$0.5861			
Residential Non-Heating	<u>Tariff Rate R 6:</u>			
	Monthly Customer Charge	\$22.20	\$22.20	\$22.20
	First 10 therms	\$0.6470	\$0.7176	\$1.3037
	All usage over 10 therms	\$0.6470	\$0.7176	\$1.3037
	LDAC	\$0.0706		
	<u>Gas Cost Adjustment:</u>			
Cost of Gas	\$0.5861			

Issued: September 17, 2019

Effective: With Service Rendered On and After November 1, 2019

Authorized by NHPUC Order No. in Docket No. DG 19-, dated

Issued by:

Title:

Christine Vaughan

Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
SUMMER SEASON RESIDENTIAL RATES

Summer Season May 2020 - October 2020		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating	<u>Tariff Rate R 5:</u> Monthly Customer Charge First 50 therms All usage over 50 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$22.20 \$0.6099 \$0.6099 \$0.0706 \$0.2768	\$22.20 \$0.6805 \$0.6805	\$22.20 \$0.9573 \$0.9573
Residential Heating Low Income	<u>Tariff Rate R 10:</u> Monthly Customer Charge First 50 therms All usage over 50 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$8.88 \$0.2440 \$0.2440 \$0.0706 \$0.2768	\$8.88 \$0.3146 \$0.3146	\$8.88 \$0.5914 \$0.5914
Residential Non-Heating	<u>Tariff Rate R 6:</u> Monthly Customer Charge First 10 therms All usage over 10 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$22.20 \$0.6470 \$0.6470 \$0.0706 \$0.2768	\$22.20 \$0.7176 \$0.7176	\$22.20 \$0.9944 \$0.9944

Issued: September 17, 2019
 Effective: With Service Rendered On and After May 1, 2020
 Authorized by NHPUC Order No. in Docket No. DG 19-, dated

Issued by: Christine Vaughan
 Title: Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
WINTER SEASON C&I RATES

Winter Season November 2019 - April 2020	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
<u>Tariff Rate G 40:</u> Monthly Customer Charge First 75 therms All usage over 75 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$75.09 \$0.1865 \$0.1865 \$0.0359 \$0.6082	\$75.09 \$0.2224 \$0.2224	\$75.09 \$0.8306 \$0.8306
<u>Tariff Rate G 50:</u> Monthly Customer Charge First 75 therms All usage over 75 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$75.09 \$0.1865 \$0.1865 \$0.0359 \$0.4950	\$75.09 \$0.2224 \$0.2224	\$75.09 \$0.7174 \$0.7174
<u>Tariff Rate G 41:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$222.64 \$0.2425 \$0.0359 \$0.6082	\$222.64 \$0.2784	\$222.64 \$0.8866
<u>Tariff Rate G 51:</u> Monthly Customer Charge First 1,300 therms All usage over 1,300 therms LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$222.64 \$0.1712 \$0.1399 \$0.0359 \$0.4950	\$222.64 \$0.2071 \$0.1758	\$222.64 \$0.7021 \$0.6708
<u>Tariff Rate G 42:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$1,335.81 \$0.1984 \$0.0359 \$0.6082	\$1,335.81 \$0.2343	\$1,335.81 \$0.8425
<u>Tariff Rate G 52:</u> Monthly Customer Charge All usage LDAC <u>Gas Cost Adjustment:</u> Cost of Gas	\$1,335.81 \$0.1720 \$0.0359 \$0.4950	\$1,335.81 \$0.2079	\$1,335.81 \$0.7029

Issued: September 17, 2019
 Effective: With Service Rendered On and After November 1, 2019
 Authorized by NHPUC Order No. in Docket No. DG 19 -, dated

Issued by: Christine Vaughan
 Title: Senior Vice President

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX A

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: \$0.71 per MMBtu of Daily Imbalance Volumes

- Updated effective every November 1 to reflect the Company’s latest balancing resources and associated capacity costs.
- Daily Imbalance Volumes represent the difference between ATV and ATV adjusted for actual EDDs.

II. Peaking Service Demand Charge: \$ 65.41 per MMBtu per MDPQ per month for November 2019 through April 2020.

- Updated effective every November 1 to reflect the Company’s Peaking resources and associated costs.

III. Company Allowance Calculation: 1.38% - Provided in Schedule 18-FXW

IV. Supplier Services and Associated Fees:

<u>SERVICE</u>	<u>PRICING</u>
Pool Administration (required) Non-Daily Metered Pools only	• \$0.10/month/customer billed @ marketer level
Standard Passthrough Billing (required)	• \$0.60/customer/month billed @ marketer level
Standard Complete Billing (optional – Passthrough Billing fee not required if this service is elected)	• \$1.50/customer/month billed @ marketer level
Customer Administration (required)	• \$10/customer/switch billed @ marketer level

V. Meter Read Charge: \$78.00 when customer phone line is not reporting daily data

Issued: September 17, 2019

Issued by: Christine Vaughan

Effective: November 1, 2019

Senior Vice President

Authorized by NHPUC Order No. _____ in Docket No. DG 19 - ____, dated _____.

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX C

Capacity Allocators

Capacity Allocators shall be calculated and filed with the Commission each year with the Winter Cost of Gas filing. The following Capacity Allocators shall be applicable for capacity assignments during the period of November 1, 2019 through October 31, 2020.

Commercial and Industrial

	<u>High Winter Use</u>	<u>Low Winter Use</u>
Pipeline:	9.35%	48.43%
Storage:	34.33%	19.53%
Peaking:	56.32%	32.04%

Issued: September 17, 2019

Issued by: Christine Vaughan

Effective: November 1, 2019

Senior Vice President

Authorized by NHPUC Order No. _____ in Docket No. DG19-__ __, dated _____.

VII. DELIVERY SERVICE TERMS AND CONDITIONS (continued)

Appendix D

**Re-entry Surcharge and Conversion Surcharge
(continued)**

D. Information to be Filed with the Commission:

As part of the annual Cost of Gas filing, the Company shall file with the Commission a report showing the number of customers assessed the Re-entry Surcharge and the Conversion Surcharge and the amount of revenue received for each charge through the prior April 30. Pursuant to the Company’s Cost of Gas Clause, the Company will apply such revenues as credits to the Company’s New Hampshire Division Cost of Gas.

The following Re-entry Surcharge and Conversion Surcharge shall be applicable for the periods of November 1, 2019 through April 30, 2020 and May 1, 2020 through October 2020.

Effective Dates:	November 1, 2019 – April 30, 2020	May 1, 2020 – October 30, 2020
Re-entry Surcharge:	\$0.0409 per therm	\$0.0406 per therm
Conversion Surcharge, Low Load Factor (G-40, G-41, G-42):	\$0.1405 per therm	\$0.0406 per therm
Conversion Surcharge, High Load Factor (G-50, G-51, G-52):	\$0.2537 per therm	\$0.0406 per therm

Issued: September 17, 2019
Effective: November 1, 2019

Issued by: Christine Vaughan
Title: Senior Vice President

Anticipated Cost of Gas

New Hampshire Division

Period Covered: November 1, 201~~8~~9 - October 31, 201~~9~~20

(Col 1)	(Col 2)	(Col 3)
ANTICIPATED DIRECT COST OF GAS		
Purchased Gas:		
Demand Costs:	\$ 1,683,109 \$ 1,399,977	
Supply Costs:	\$ 4,439,439 \$ 4,289,717	
Storage & Peaking Gas:		
Demand, Capacity:	\$ 13,190,356 \$ 12,012,257	
Commodity Costs:	\$ 10,942,865 \$ 9,816,975	
Interruptible Included Above	\$ \$ -	
Inventory Finance Charge	\$ 3,017 \$ 2,734	
Capacity Release	\$ (3,126,083) \$ (6,057,829)	
Re-entry Rate & Conversion Rate Revenues	\$ (10,000) \$ (10,000)	
Total Anticipated Direct Cost of Gas	\$ 27,122,704 \$ 21,453,831	
ANTICIPATED INDIRECT COST OF GAS		
Adjustments:		
Prior Period Under/(Over) Collection	\$ 551,842 \$ (1,406,949)	
Interest	\$ (23,538) \$ (29,113)	
Refunds	\$ \$ -	
<u>Interruptible Margins</u>	\$ \$ -	
Total Adjustments	\$ 528,304 \$ (1,436,062)	
Working Capital:		
Total Anticipated Direct Cost of Gas	\$ 27,122,704 \$ 21,453,831	
Working Capital Percentage	0.2742% <u>0.2880%</u>	
Working Capital Allowance	\$ 74,383 \$ 61,778	
Plus: Working Capital Reconciliation (Acct 173)	\$ 7,940 \$ (35,633)	
Total Working Capital Allowance	\$ 82,323 \$ 26,145	
Bad Debt:		
Bad Debt Allowance	\$ 177,230 \$ 153,235	
Plus: Bad Debt Reconciliation (Acct 173)	\$ (15,500) \$ (2,792)	
Total Bad Debt Allowance	\$ 161,730 \$ 150,444	
Local Production and Storage Capacity	\$ 476,106 \$ 476,106	
Miscellaneous Overhead - 84.59 <u>80.55</u>% Allocated to Winter Season	\$ 471,052 \$ 467,545	
Total Anticipated Indirect Cost of Gas	\$ 1,719,545 \$ (315,822)	
Total Cost of Gas	\$ 28,842,229 \$ 21,138,010	

Issued: ~~November 5, 2018~~ September 17, 2019
 Effective Date: November 1, 201~~8~~9

Issued By: Mark Collin Christine Vaughan
 Senior Vice President

Anticipated Cost of Gas

New Hampshire Division

Period Covered: ~~May 1, 2019~~ 20 - October 31, 2019 20

(Col 1)	(Col 2)	(Col 2)	(Col 3)	(Col 3)
ANTICIPATED DIRECT COST OF GAS				
Purchased Gas:				
Demand Costs:	\$386,679	<u>\$374,176</u>		
Supply Costs:	\$1,973,217	<u>\$1,901,121</u>		
Storage & Peaking Gas:				
Demand, Capacity:	\$369,400	<u>\$351,629</u>		
Commodity Costs:	\$31,552	<u>\$15,556</u>		
Interruptible Included Above	\$0	\$0		
Inventory Finance Charge	\$0	\$0		
Capacity Release & Asset Management	\$0	\$0		
Re-entry Rate & Conversion Rate Revenues	\$0	\$0		
Total Anticipated Direct Cost of Gas			\$2,760,848	<u>\$2,642,481</u>
ANTICIPATED INDIRECT COST OF GAS				
Adjustments:				
Prior Period Under/(Over) Collection	\$128,167	<u>(\$339,771)</u>		
Interest	(\$42,173)	<u>(\$18,232)</u>		
Refunds	\$0	\$0		
Interruptible Margins	\$0	\$0		
Total Adjustments			\$85,994	<u>(\$358,003)</u>
Working Capital:				
Total Anticipated Direct Cost of Gas	\$2,760,847	<u>\$2,642,482</u>		
Working Capital Percentage	0.2740%	<u>0.288%</u>		
Working Capital Allowance	\$7,572	<u>\$7,609</u>		
Plus: Working Capital Reconciliation (Acct 173)	\$1,844	<u>(\$8,605)</u>		
Total Working Capital Allowance			\$9,416	<u>(\$996)</u>
Bad Debt:				
Bad Debt Allowance	\$11,146	<u>\$15,143</u>		
Plus: Bad Debt Reconciliation (Acct 173)	(\$3,600)	<u>(\$674)</u>		
Total Bad Debt Allowance			\$7,817	<u>\$14,470</u>
Local Production and Storage Capacity			\$0	<u>\$0</u>
Miscellaneous Overhead - 18.41 <u>19.45</u> % Allocated to the Summer Season			\$109,403	<u>\$112,910</u>
Total Anticipated Indirect Cost of Gas			\$212,629	<u>\$231,620</u>
Total Cost of Gas			\$2,973,477	<u>\$2,410,862</u>

Issued: ~~November 5, 2018~~ September 17, 2019

Effective Date: May 1, ~~2019~~ 2020

Authorized by NHPUC Order No. _____, in Docket No. DG 19-_____, dated _____, 2019

Mark Collin Christine Vaughan

Senior Vice President

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: November 1, 2018~~19~~ - April 30, 2019~~20~~

(Col 1)	(Col 2)	(Col 3)		
Total Anticipated Direct Cost of Gas	\$27,122,704	\$21,453,831		
Projected Prorated Sales (11/01/18 19 - 04/30/19 20)	<u>34,882,918</u>	<u>36,062,011</u>		
Direct Cost of Gas Rate			\$0.7775	\$0.5949 per therm
Demand Cost of Gas Rate	\$11,747,382	\$7,344,405	\$0.3368	\$0.2037 per therm
Commodity Cost of Gas Rate	\$45,382,305	\$14,106,692	\$0.4440	\$0.3912 per therm
Total Direct Cost of Gas Rate	\$27,122,686	\$21,451,097	\$0.7778	\$0.5949 per therm
Total Anticipated Indirect Cost of Gas	\$4,749,516	(\$315,822)		
Projected Prorated Sales (11/01/18 19 - 04/30/19 20)	<u>34,882,918</u>	<u>36,062,011</u>		
Indirect Cost of Gas			\$0.0499	(\$0.0088) per therm
TOTAL PERIOD AVERAGE COST OF GAS			\$0.8274	\$0.5861 per therm
Period ending under-collection to be recovered as determined on 11/20/2018	\$2,089,524			
Projected Sales (12/01/18 - 04/30/2019)	30,851,927			
Per-unit change in Cost of Gas (12/01/18 - 04/30/18)	\$0.0682			
Period ending under-collection to be recovered as determined on 12/24/2018	(\$803,174)			
Projected Sales (01/01/19 - 04/30/2019)	24,824,712			
Per-unit change in Cost of Gas (01/01/19 - 04/30/19)	(\$0.0334)			
Period ending under-collection to be recovered as determined on 2/22/2019	(\$804,495)			
Projected Sales (03/01/19 - 04/30/2019)	9,240,858			
Per-unit change in Cost of Gas (03/01/19 - 04/30/19)	(\$0.0968)			
RESIDENTIAL COST OF GAS RATE - 03/01/19 - 11/01/19	COGwr	\$0.7650	\$0.5861	per therm
	Maximum (COG+25%)	\$1.0330	\$0.7326	
RESIDENTIAL COST OF GAS RATES - 11/01/2018			\$0.8274	
CHANGE IN PER UNIT COST			\$0.0682	
RESIDENTIAL COST OF GAS RATES - 12/01/2018			\$0.8953	
CHANGE IN PER UNIT COST			(\$0.0334)	
RESIDENTIAL COST OF GAS RATES - 01/01/2019			\$0.8619	
CHANGE IN PER UNIT COST			(\$0.0968)	
RESIDENTIAL COST OF GAS RATES - 03/01/2019			\$0.7650	
COM/IND LOW WINTER USE COST OF GAS RATE - 03/01/19 - 11/01/19	COGwl	\$0.6633	\$0.4950	per therm
	Maximum (COG+25%)	\$0.9068	\$0.6188	
COM/IND LOW WINTER USE COST OF GAS RATES - 11/01/2018			\$0.7254	
CHANGE IN PER UNIT COST			\$0.0682	
COM/IND LOW WINTER USE COST OF GAS RATES - 12/01/2018			\$0.7936	
CHANGE IN PER UNIT COST			(\$0.0334)	
COM/IND LOW WINTER USE COST OF GAS RATES - 01/01/2019			\$0.7601	
CHANGE IN PER UNIT COST			(\$0.0968)	
COM/IND LOW WINTER USE COST OF GAS RATES - 03/01/2019			\$0.6633	
C&I HLF DEMAND COSTS ALLOCATED PER SMBA		\$505,175		
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C&I HLF		\$30,878		
C&I HLF TOTAL ADJUSTED DEMAND COSTS		\$536,053		
C&I HLF PROJECTED PRORATED SALES (11/01/201819 - 04/30/201920)		3,762,682		
DEMAND COST OF GAS RATE		\$0.1425		
C&I HLF COMMODITY COSTS ALLOCATED PER SMBA		\$1,352,376		
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF		\$5,954		
C&I HLF TOTAL ADJUSTED COMMODITY COSTS		\$1,358,330		
C&I HLF PROJECTED PRORATED SALES (11/01/201819 - 04/30/201920)		3,762,682		
COMMODITY COST OF GAS RATE		\$0.3613		
INDIRECT COST OF GAS		(\$0.0088)		
TOTAL C&I HLF COST OF GAS RATE		\$0.4950		
COM/IND HIGH WINTER USE COST OF GAS RATE - 03/01/19 - 11/01/19	COGwh	\$0.7803	\$0.6082	per therm
	Maximum (COG+25%)	\$1.0530	\$0.7603	
COM/IND HIGH WINTER USE COST OF GAS RATES - 11/01/2018			\$0.8424	
CHANGE IN PER UNIT COST			\$0.0682	
COM/IND HIGH WINTER USE COST OF GAS RATES - 12/01/2018			\$0.9106	
CHANGE IN PER UNIT COST			(\$0.0334)	
COM/IND HIGH WINTER USE COST OF GAS RATES - 01/01/2019			\$0.8771	
CHANGE IN PER UNIT COST			(\$0.0968)	
COM/IND HIGH WINTER USE COST OF GAS RATES - 03/01/2019			\$0.7803	
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA		\$3,196,065		
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C&I LLF		\$195,354		
C&I LLF TOTAL ADJUSTED DEMAND COSTS		\$3,391,419		
C&I HLF PROJECTED PRORATED SALES (11/01/201819 - 04/30/201920)		15,521,733		
DEMAND COST OF GAS RATE		\$0.2185		
C&I LLF COMMODITY COSTS ALLOCATED PER SMBA		\$6,154,139		
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF		\$31,647		
C&I LLF TOTAL ADJUSTED COMMODITY COSTS		\$6,185,786		
C&I HLF PROJECTED PRORATED SALES (11/01/201819 - 04/30/201920)		15,521,733		
COMMODITY COST OF GAS RATE		\$0.3985		
INDIRECT COST OF GAS		(\$0.0088)		
TOTAL C&I LLF COST OF GAS RATE		\$0.6082		

Issued: February 22, September 17, 2019
Effective Date: March 4, November 1, 2019
Authorized by NHPUC Order No. in Docket No. DG , dated .

Issued By: Christine Vaughan
Senior Vice President

CALCULATION OF FIRM SALES COST OF GAS RATE

Period Covered: May 1, 2019 - October 31, 2019

(Col 1)	(Col 2)	(Col 2)	(Col 3)	(Col 3)	
Total Anticipated Direct Cost of Gas		\$2,642,482			
Projected Prorated Sales (05/01/19 - 10/31/19), (05/01/20 - 10/31/20)	<u>8,401,656</u>	<u>8,708,801</u>			
Direct Cost of Gas Rate			\$0.3407	\$0.3034	per therm
Demand Cost of Gas Rate	\$766,079	\$725,806	\$0.0933	\$0.0833	per therm
Commodity Cost of Gas Rate	\$2,004,769	\$1,918,677	\$0.2475	\$0.2201	per therm
Total Direct Cost of Gas Rate	\$2,760,848	\$2,642,482	\$0.3408	\$0.3034	per therm
Total Anticipated Indirect Cost of Gas		(\$231,620)			
Projected Prorated Sales (05/01/19 - 10/31/19), (05/01/20 - 10/31/20)	<u>8,401,656</u>	<u>8,708,801</u>			
Indirect Cost of Gas			\$0.0262	(\$0.0266)	per therm
TOTAL PERIOD AVERAGE COST OF GAS			\$0.3670	\$0.2768	per therm
Period ending over-collection to be recovered	(\$528,665)	(\$528,665)			
Projected sales (07/01/19 - 10/31/19)	<u>5,161,451</u>	<u>5,161,451</u>			
Per-unit change in Cost of Gas (07/01/19 - 10/31/19)	(\$0.1024)	(\$0.1024)			

RESIDENTIAL COST OF GAS RATE - 05/01/19-20	COGwr	\$0.2646	\$0.2768	per therm
	Maximum (COG+25%)	\$0.4969	\$0.3460	

RESIDENTIAL COST OF GAS RATE - 5/01/19 \$0.3670
CHANGE IN PER UNIT COST (\$0.1024)
RESIDENTIAL COST OF GAS RATE - 07/01/19 \$0.2646

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/19-20	COGwl	\$0.2245	\$0.2443	per therm
	Maximum (COG+25%)	\$0.4429	\$1.0339	

COM/IND LOW WINTER USE COST OF GAS RATE - 5/01/19 \$0.3269
CHANGE IN PER UNIT COST (\$0.1024)
COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/19 \$0.2245

C&I HLF DEMAND COSTS ALLOCATED PER SMBA \$124,606
PLUS: RESIDENTIAL DEMAND REALLOCATION TO C&I HLF \$12,788
C&I HLF TOTAL ADJUSTED DEMAND COSTS \$137,394
C&I HLF PROJECTED PRORATED SALES (05/01/20 - 10/31/20) 2,702,383
DEMAND COST OF GAS RATE \$0.0508

C&I HLF COMMODITY COSTS ALLOCATED PER SMBA \$594,754
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I HLF (\$27)
C&I HLF TOTAL ADJUSTED COMMODITY COSTS \$594,727
C&I HLF PROJECTED PRORATED SALES (05/01/20 - 10/31/20) 2,702,383
COMMODITY COST OF GAS RATE \$0.2201

INDIRECT COST OF GAS (\$0.0266)

TOTAL C&I HLF COST OF GAS RATE \$0.2443

COM/IND HIGH WINTER USE COST OF GAS RATE - 05/01/19-20	COGwh	\$0.2934	\$0.3116	per therm
	Maximum (COG+25%)	\$0.5318	\$0.3895	

COM/IND LOW WINTER USE COST OF GAS RATE - 05/01/19 \$0.3958
CHANGE IN PER UNIT COST (\$0.1024)
COM/IND LOW WINTER USE COST OF GAS RATE - 07/01/19 \$0.2934

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA \$271,219
PLUS RESIDENTIAL DEMAND REALLOCATION TO C&I LLF \$27,835
C&I LLF TOTAL ADJUSTED DEMAND COSTS \$299,054
C&I LLF PROJECTED PRORATED SALES (05/01/20 - 10/31/20) 2,532,740
DEMAND COST OF GAS RATE \$0.1181

C&I LLF COMMODITY COSTS ALLOCATED PER SMBA \$557,418
PLUS: RESIDENTIAL COMMODITY REALLOCATION TO C&I LLF (\$25)
C&I LLF TOTAL ADJUSTED COMMODITY COSTS \$557,393
C&I LLF PROJECTED PRORATED SALES (05/01/20 - 10/31/20) 2,532,740
COMMODITY COST OF GAS RATE \$0.2201

INDIRECT COST OF GAS (\$0.0266)

TOTAL C&I LLF COST OF GAS RATE \$0.3116

Local Delivery Adjustment Clause

Rate Schedule	RLIARA	<i>RLIARA</i>	EEC	<i>EEC</i>	LRR	<i>LRR</i>	ERC	<i>ERC</i>	ITMC	RCE	RPC	LDAC	LDAC
Residential Heating	\$0.0044	<i>\$0.0036</i>	\$0.0504	<i>\$0.0499</i>	\$0.0072	<i>\$0.0114</i>	\$0.0058	<i>\$0.0057</i>	\$0.0000	\$0.0000	\$0.0000	\$0.0675	<i>\$0.0706</i>
Residential Non-Heating	\$0.0044	<i>\$0.0036</i>	\$0.0504	<i>\$0.0499</i>	\$0.0072	<i>\$0.0114</i>	\$0.0058	<i>\$0.0057</i>	\$0.0000	\$0.0000	\$0.0000	\$0.0675	<i>\$0.0706</i>
Small C&I	\$0.0044	<i>\$0.0036</i>	\$0.0264	<i>\$0.0247</i>	\$0.0014	<i>\$0.0019</i>	\$0.0058	<i>\$0.0057</i>	\$0.0000	\$0.0000	\$0.0000	\$0.0380	<i>\$0.0359</i>
Medium C&I	\$0.0044	<i>\$0.0036</i>	\$0.0264	<i>\$0.0247</i>	\$0.0014	<i>\$0.0019</i>	\$0.0058	<i>\$0.0057</i>	\$0.0000	\$0.0000	\$0.0000	\$0.0380	<i>\$0.0359</i>
Large C&I	\$0.0044	<i>\$0.0036</i>	\$0.0264	<i>\$0.0247</i>	\$0.0014	<i>\$0.0019</i>	\$0.0058	<i>\$0.0057</i>	\$0.0000	\$0.0000	\$0.0000	\$0.0380	<i>\$0.0359</i>
No Previous Sales Service													

Issued: September 17, 2019~~8~~
 Effective: With Service Rendered On and After ~~November~~ May 1, 2019
 Authorized by NHPUC Order No. in Docket No. , dated

Issued by: Mark Collin Christine Vaughan
 Title: Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
 WINTER SEASON RESIDENTIAL RATES

Winter Season November 2019 - April 2020		Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating	Tariff Rate R 5:			
	Monthly Customer Charge	\$22.20	\$22.20	\$22.20
	First 50 therms	\$0.6920	\$0.7611 <u>\$0.7626</u>	\$1.5261 <u>\$1.3487</u>
	All usage over 50 therms	\$0.6920	\$0.7611 <u>\$0.7626</u>	\$1.5261 <u>\$1.3487</u>
	LDAC	\$0.0694 <u>\$0.0706</u>		
Gas Cost Adjustment:				
Cost of Gas	\$0.7650 <u>\$0.5861</u>			
Residential Heating Low income	Tariff Rate R 10:			
	Monthly Customer Charge	\$8.88	\$8.88	\$8.88
	First 50 therms	\$0.2768	\$0.3459 <u>\$0.3474</u>	\$1.1109 <u>\$0.9335</u>
	All usage over 50 therms	\$0.2768	\$0.3459 <u>\$0.3474</u>	\$1.1109 <u>\$0.9335</u>
	LDAC	\$0.0694 <u>\$0.0706</u>		
Gas Cost Adjustment:				
Cost of Gas	\$0.7650 <u>\$0.5861</u>			
Residential Non-Heating	Tariff Rate R 6:			
	Monthly Customer Charge	\$22.20	\$22.20	\$22.20
	First 10 therms	\$0.6470	\$0.7161 <u>\$0.7176</u>	\$1.4811 <u>\$1.3037</u>
	All usage over 10 therms	\$0.6470	\$0.7161 <u>\$0.7176</u>	\$1.4811 <u>\$1.3037</u>
	LDAC	\$0.0694 <u>\$0.0706</u>		
Gas Cost Adjustment:				
Cost of Gas	\$0.7650 <u>\$0.5861</u>			

Issued: ~~May 10, 2019~~ September 17, 2019

Effective Date: With Service Rendered On and After ~~May~~ November 1, 2019
 Authorized by NHPUC Order No. in Docket No. DG 19-, dated

Issued by: Christine Vaughan
 Title: Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
 SUMMER-SEASON RESIDENTIAL RATES

Summer Season May 2019 20 - October 2019 20	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
Residential Heating Tariff Rate R 5: Monthly Customer Charge First 50 therms All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.6099 \$0.6099 \$0.0675 \$0.0706 \$0.2646 \$0.2768	\$22.20 \$0.6774 <u>\$0.6805</u> \$0.6774 <u>\$0.6805</u>	\$22.20 \$0.9420 <u>\$0.9573</u> \$0.9420 <u>\$0.9573</u>
Residential Heating Low income Tariff Rate R 10: Monthly Customer Charge First 50 therms All usage over 50 therms LDAC Gas Cost Adjustment: Cost of Gas	\$8.88 \$0.2440 \$0.2440 \$0.0675 \$0.0706 \$0.2646 \$0.2768	\$8.88 \$0.3115 <u>\$0.3146</u> \$0.3115 <u>\$0.3146</u>	\$8.88 \$0.5761 <u>\$0.5914</u> \$0.5761 <u>\$0.5914</u>
Residential Non-Heating Tariff Rate R 6: Monthly Customer Charge First 10 therms All usage over 10 therms LDAC Gas Cost Adjustment: Cost of Gas	\$22.20 \$0.6470 \$0.6470 \$0.0675 \$0.0706 \$0.2646 \$0.2768	\$22.20 \$0.7145 <u>\$0.7176</u> \$0.7145 <u>\$0.7176</u>	\$22.20 \$0.9791 <u>\$0.9944</u> \$0.9791 <u>\$0.9944</u>

Issued: ~~June 25, 2019~~ September 17, 2019
 Effective Date: ~~July 1,~~ November 1, 2019
 Authorized by NHPUC Order No. in Docket No. DG 19-, dated

Issued by: Christine Vaughan
 Title: Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
 WINTER SEASON C&I RATES

Winter Season November 2019 - April 2020	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter Tariff Rate G 40: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas	\$75.09 \$0.1865 \$0.1865 \$0.0396 \$0.0359 \$0.7803 \$0.6082	\$75.09 \$0.2264 \$0.2224 \$0.2264 \$0.2224	\$75.09 \$1.0064 \$0.8306 \$1.0064 \$0.8306
C&I Low Annual/Low Winter Tariff Rate G 50: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas	\$75.09 \$0.1865 \$0.1865 \$0.0396 \$0.0359 \$0.6633 \$0.4950	\$75.09 \$0.2264 \$0.2224 \$0.2264 \$0.2224	\$75.09 \$0.8894 \$0.7174 \$0.8894 \$0.7174
C&I Medium Annual/High Winter Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$222.64 \$0.2425 \$0.0396 \$0.0359 \$0.7803 \$0.6082	\$222.64 \$0.2824 \$0.2784	\$222.64 \$1.0624 \$0.8866
C&I Medium Annual/Low Winter Tariff Rate G 51: Monthly Customer Charge First 1,300 therms All usage over 1,300 therms LDAC Gas Cost Adjustment: Cost of Gas	\$222.64 \$0.1712 \$0.1399 \$0.0396 \$0.0359 \$0.6633 \$0.4950	\$222.64 \$0.2108 \$0.2071 \$0.1795 \$0.1758	\$222.64 \$0.8741 \$0.7021 \$0.8428 \$0.6708
C&I High Annual/High Winter Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,335.81 \$0.1984 \$0.0396 \$0.0359 \$0.7803 \$0.6082	\$1,335.81 \$0.2380 \$0.2343	\$1,335.81 \$1.0183 \$0.8425
C&I High Annual/Low Winter Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,335.81 \$0.1720 \$0.0396 \$0.0359 \$0.6633 \$0.4950	\$1,335.81 \$0.2116 \$0.2079	\$1,335.81 \$0.8749 \$0.7029

Issued: ~~May 10, 2019~~ September 17, 2019
 Effective Date: With Service Rendered On and After ~~May~~ November 1, 2019
 Authorized by NHPUC Order No. in Docket No. DG 19-, dated

Issued by: Christine Vaughan
 Title: Senior Vice President

NORTHERN UTILITIES - NEW HAMPSHIRE DIVISION
 SUMMER SEASON C&I RATES

Summer Season May 2019 20 - October 2019 20	Tariff Rates	Total Delivery Rates (Includes LDAC)	Total Billed Rates Tariff Rates, LDAC Plus Cost of Gas
C&I Low Annual/High Winter Tariff Rate G 40: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas	\$75.09 \$0.1865 \$0.1865 \$0.0380 \$0.0359 \$0.2934 \$0.3116	\$75.09 \$0.2245 \$0.2224 \$0.2245 \$0.2224	\$75.09 \$0.5179 \$0.5340 \$0.5179 \$0.5340
C&I Low Annual/Low Winter Tariff Rate G 50: Monthly Customer Charge First 75 therms All usage over 75 therms LDAC Gas Cost Adjustment: Cost of Gas	\$75.09 \$0.1865 \$0.1865 \$0.0380 \$0.0359 \$0.2245 \$0.2443	\$75.09 \$0.2245 \$0.2224 \$0.2245 \$0.2224	\$75.09 \$0.4490 \$0.4667 \$0.4490 \$0.4667
C&I Medium Annual/High Winter Tariff Rate G 41: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$222.64 \$0.1895 \$0.0380 \$0.0359 \$0.2934 \$0.3116	\$222.64 \$0.2275 \$0.2254	\$222.64 \$0.5209 \$0.5370
C&I Medium Annual/Low Winter Tariff Rate G 51: Monthly Customer Charge First 1,000 therms All usage over 1,000 therms LDAC Gas Cost Adjustment: Cost of Gas	\$222.64 \$0.1337 \$0.1087 \$0.0380 \$0.0359 \$0.2245 \$0.2443	\$222.64 \$0.1717 \$0.1696 \$0.1467 \$0.1446	\$222.64 \$0.3962 \$0.4139 \$0.3712 \$0.3889
C&I High Annual/High Winter Tariff Rate G 42: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,335.81 \$0.1206 \$0.0380 \$0.0359 \$0.2934 \$0.3116	\$1,335.81 \$0.1586 \$0.1565	\$1,335.81 \$0.4520 \$0.4681
C&I High Annual/Low Winter Tariff Rate G 52: Monthly Customer Charge All usage LDAC Gas Cost Adjustment: Cost of Gas	\$1,335.81 \$0.0792 \$0.0380 \$0.0359 \$0.2245 \$0.2443	\$1,335.81 \$0.1172 \$0.1151	\$1,335.81 \$0.3417 \$0.3594

Issued: June 25, 2019 ~~September 17, 2019~~
 Effective Date: ~~July 1,~~ November 1, 2019
 Authorized by NHPUC Order No. in Docket No. DG 19-, dated

Issued by:
 Title:

Christine Vaughan
 Senior Vice President

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX A

Schedule of Administrative Fees and Charges

I. Supplier Balancing Charge: **\$0.71 per MMBtu** of Daily Imbalance Volumes

- Updated effective every November 1 to reflect the Company’s latest balancing resources and associated capacity costs.
- Daily Imbalance Volumes represent the difference between ATV and ATV adjusted for actual EDDs.

II. Peaking Service Demand Charge: **\$ 50.3565.41 per MMBtu** per MDPQ per month for November ~~2018-2019~~ through April ~~2019~~2020.

- Updated effective every November 1 to reflect the Company’s Peaking resources and associated costs.

III. Company Allowance Calculation: **1.348%** - Provided in ~~Attachment 3 to~~ Schedule ~~1018-~~FXW

IV. Supplier Services and Associated Fees:

<u>SERVICE</u>	<u>PRICING</u>
Pool Administration (required) Non-Daily Metered Pools only	• \$0.10/month/customer billed @ marketer level
Standard Passthrough Billing (required)	• \$0.60/customer/month billed @ marketer level
Standard Complete Billing (optional – Passthrough Billing fee not required if this service is elected)	• \$1.50/customer/month billed @ marketer level
Customer Administration (required)	• \$10/customer/switch billed @ marketer level

V. Meter Read Charge: \$78 when customer phone line is not reporting daily data.

Issued: ~~November 5, 2018~~September 17, 2019

Issued by: ~~Mark Collin~~Christine Vaughan

Effective: November 1, ~~2018~~2019

Senior Vice President

Authorized by NHPUC Order No. _____ in Docket No. DG ~~189~~ - ____, dated _____.

VII. DELIVERY SERVICE TERMS AND CONDITIONS

APPENDIX C

Capacity Allocators

Capacity Allocators shall be calculated and filed with the Commission each year with the Winter Cost of Gas filing. The following Capacity Allocators shall be applicable for capacity assignments during the period of November 1, ~~2018-2019~~ through October 31, ~~2019~~2020.

Commercial and Industrial

	<u>High Winter Use</u>	<u>Low Winter Use</u>
Pipeline:	-9.84 <u>9.53</u> %	63.40 <u>48.43</u> %
Storage:	36.42 <u>34.33</u> %	14.79 <u>19.53</u> %
Peaking:	53.74 <u>56.32</u> %	21.81 <u>32.04</u> %

Issued: ~~November 5, 2018~~September 17, 2019

Issued by: ~~Mark Collin~~Christine Vaughan

Effective: November 1, ~~2018~~2019

Senior Vice President

Authorized by NHPUC Order No. _____ in Docket No. ~~DG18~~DG19- __ __, dated _____.

VII. DELIVERY SERVICE TERMS AND CONDITIONS (continued)

Appendix D

**Re-entry Surcharge and Conversion Surcharge
(continued)**

D. Information to be Filed with the Commission:

As part of the annual Cost of Gas filing, the Company shall file with the Commission a report showing the number of customers assessed the Re-entry Surcharge and the Conversion Surcharge and the amount of revenue received for each charge through the prior April 30. Pursuant to the Company’s Cost of Gas Clause, the Company will apply such revenues as credits to the Company’s New Hampshire Division Cost of Gas.

The following Re-entry Surcharge and Conversion Surcharge shall be applicable for the periods of November 1, ~~2018-2019~~ through April 30, ~~2019-2020~~ and May 1, ~~2019-2020~~ through October ~~2019-2020~~.

Effective Dates:	November 1, 2018 <u>2019</u> – April 30, 2019<u>2020</u>	May 1, 2019-2020 – October 30, 2019<u>2020</u>
Re-entry Surcharge:	\$0. 0000-0409 per therm	\$0. 0000-0406 per therm
Conversion Surcharge, Low Load Factor (G-40, G-41, G-42):	\$0. 00041-1405 per therm	\$0. 0000-0406 per therm
Conversion Surcharge, High Load Factor (G-50, G-51, G-52):	\$0. 1211-2537 per therm	\$0. 0000-0406 per therm

Issued: ~~November 5, 2018~~September 17, 2019

Effective: November 1, ~~2018~~2019

Issued by: ~~Mark Collin~~Christine Vaughan

Title: Senior Vice President