

LIBERTY - KEENE DIVISION
UPDATED COST OF GAS RATE FILING - DOCKET NO. DG 21-132
WINTER PERIOD 2021 - 2022

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31. CALCULATION OF FIRM SALES AND FIXED WINTER PERIOD COST OF GAS RATE KEENE CUSTOMERS

Calculation of the Cost of Gas Rate

Period Covered: Winter Period November 1, 2021 through April 30, 2022

Projected Gas Sales - therms	1,092,113
Total Calculated Cost of Gas Sendout	\$1,881,051
Indirect Costs from DG 20-105	\$208,129
Return on Inventory	<u>\$10,377</u>
Total Anticipated Cost of Gas Sendout	\$2,099,557

Add:	Prior Period Deficiency Uncollected Interest	\$69,913
		\$323

Deduct:	Prior Period Excess Collected Interest	0
		0

Prior Period Adjustments and Interest \$70,236

Total Anticipated Cost \$2,169,793

<u>Cost of Gas Rate</u>	Excluding Gas Assistance Program	Gas Assistance Program
Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)	<u>\$1.9868</u>	<u>\$1.0927</u>
Mid Period Adjustment - December 1, 2021	\$0.0000	\$0.0000
Mid Period Adjustment - January 1, 2022	\$0.0000	\$0.0000
Mid Period Adjustment - February 1, 2022	\$0.0000	\$0.0000
Mid Period Adjustment - March 1, 2022	\$0.0000	\$0.0000
Mid Period Adjustment - April 1, 2022	\$0.0000	\$0.0000
Revised Non-Fixed Price Option Cost of Gas Rate - Effective November 1, 2021 (per therm)	<u>\$1.9868</u>	<u>\$1.0927</u>
Fixed Price Option Cost of Gas Rate (per therm) November 2021-April 2022	<u>\$1.8941</u>	<u>\$1.0418</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>\$2.4835</u>	<u>\$1.3659</u>

DATED: xxx xx, 2021

EFFECTIVE: November 1, 2021

ISSUED BY: /s/ Neil Proudman
Neil Proudman
TITLE: President

Authorized by NHPUC Order No. xx,xxx dated October xx, 2021 in Docket No. DG 21-xxx

31. CALCULATION OF FIRM SALES AND FIXED WINTER PERIOD COST OF GAS RATE KEENE CUSTOMERS

Calculation of the Cost of Gas Rate

Period Covered: ~~Winter Period November 1, 2020 through April 30, 2021~~
Period Covered: Winter Period November 1, 2021 through April 30, 2022

Projected Gas Sales - therms	\$ 1,108,419	\$ 1,092,113
Total Calculated Cost of Gas Sendout	\$ 1,310,950	\$ 1,881,051
Indirect Costs from DG 20-105		\$ 208,129
Return on Inventory	\$ (204,754)	\$ 10,377
Total Anticipated Cost of Gas Sendout	\$ 1,106,196	\$ 2,099,557

Add:	Prior Period Deficiency Uncollected Interest	\$ 30,174	\$ 69,913
		\$ 136	\$ 323
Deduct:	Prior Period Excess Collected Interest	\$ _____	\$ -
		\$ _____	\$ -
	Prior Period Adjustments and Interest	\$ 30,307	\$ 70,236
Total Anticipated Cost		\$ 1,136,503	\$ 2,169,793

Cost of Gas Rate	Excluding Gas Assistance Program		Excluding Gas Assistance Program	
	Gas Assistance Program	Gas Assistance Program	Gas Assistance Program	Gas Assistance Program
Non-Fixed Price Option Cost of Gas Rate - Beginning Period (per therm)	\$ 1.0253	\$ 0.5639	\$ 1.9868	\$ 1.0927
Mid Period Adjustment - December 1, 2020 December 1, 2021	\$ _____	\$ _____	\$ -	\$ -
Mid Period Adjustment - January 1, 2021 January 1, 2022	\$ (0.0283)	\$ (0.0156)	\$ -	\$ -
Mid Period Adjustment - February 1, 2021 February 1, 2022	\$ (0.0042)	\$ (0.0023)	\$ -	\$ -
Mid Period Adjustment - March 1, 2021 March 1, 2022	\$ _____	\$ _____	\$ -	\$ -
Mid Period Adjustment - April 1, 2021 April 1, 2022	\$ 0.2888	\$ 0.1588	\$ -	\$ -
Revised Non-Fixed Price Option Cost of Gas Rate - Effective April 1, 2021 Effective April 1, 2022 (per therm)	\$ 1.2816	\$ 0.7048	\$ 1.9868	\$ 1.0927
Fixed Price Option Cost of Gas Rate (per therm) November 2020 - April 2021 November 2021 - April 2022	\$ 1.0277	\$ 0.5652	\$ 1.8941	\$ 1.0418

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)	\$ 1.2816	\$ 0.7049	\$ 2.4835	\$ 1.3659
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DATED: xxx xx, 2021
~~DATED: March 24, 2020~~
EFFECTIVE: November 1, 2021
~~EFFECTIVE: April 01, 2020~~

ISSUED BY: /s/ Neil Proudman
Neil Proudman
TITLE: President

Authorized by NHPUC Order No. xx,xxx dated October xx, 2021 in Docket No. DG 21-xxx
~~Authorized by NHPUC Order No. 26,421 dated October 30, 2020, in Docket No. DG-20-152~~

	Rates Effective November 1, 2021 - April 30, 2022 Winter Period				Rates Effective September 1, 2021 - October 31, 2021 Summer Period			
	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 97</u>	<u>LDAC Page 101</u>	<u>Total Rate</u>	<u>Delivery Charge</u>	<u>Cost of Gas Rate Page 93</u>	<u>LDAC Page 101</u>	<u>Total Rate</u>
Residential Non Heating - R-1								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
All therms	\$ 0.3844	\$ 1.9868	\$ 0.1444	\$ 2.5156	\$ 0.3844	\$ 1.3440	\$ 0.0589	\$ 1.7873
Residential Heating - R-3								
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
All therms over the first block per month at	\$ 0.5632	\$ 1.9868	\$ 0.1444	\$ 2.6944	\$ 0.5632	\$ 1.3440	\$ 0.0589	\$ 1.9661
Residential Heating - R-4								
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47	\$ 15.39			\$ 15.39
All therms over the first block per month at	\$ 0.3098	\$ 1.9868	\$ 0.1444	\$ 2.4410	\$ 0.5632	\$ 1.3440	\$ 0.0589	\$ 1.9661
Commercial/Industrial - G-41								
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06	\$ 57.06			\$ 57.06
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.4688	\$ 1.9868	\$ 0.0878	\$ 2.5434	\$ 0.4688	\$ 1.3440	\$ 0.0555	\$ 1.8683
All therms over the first block per month at	\$ 0.3149	\$ 1.9868	\$ 0.0878	\$ 2.3895	\$ 0.3149	\$ 1.3440	\$ 0.0555	\$ 1.7144
Commercial/Industrial - G-42								
Customer Charge per Month per Meter	\$ 171.19			\$ 171.19	\$ 171.19			\$ 171.19
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.4261	\$ 1.9868	\$ 0.0878	\$ 2.5007	\$ 0.4261	\$ 1.3440	\$ 0.0555	\$ 1.8256
All therms over the first block per month at	\$ 0.2839	\$ 1.9868	\$ 0.0878	\$ 2.3585	\$ 0.2839	\$ 1.3440	\$ 0.0555	\$ 1.6834
Commercial/Industrial - G-43								
Customer Charge per Month per Meter	\$ 734.69			\$ 734.69	\$ 734.69			\$ 734.69
All therms over the first block per month at	\$ 0.2620	\$ 1.9868	\$ 0.0878	\$ 2.3366	\$ 0.1198	\$ 1.3440	\$ 0.0555	\$ 1.5193
Commercial/Industrial - G-51								
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06	\$ 57.06			\$ 57.06
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.2819	\$ 1.9868	\$ 0.0878	\$ 2.3565	\$ 0.2819	\$ 1.3440	\$ 0.0555	\$ 1.6814
All therms over the first block per month at	\$ 0.1833	\$ 1.9868	\$ 0.0878	\$ 2.2579	\$ 0.1833	\$ 1.3440	\$ 0.0555	\$ 1.5828
Commercial/Industrial - G-52								
Customer Charge per Month per Meter	\$ 171.19			\$ 171.19	\$ 171.19			\$ 171.19
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.2428	\$ 1.9868	\$ 0.0878	\$ 2.3174	\$ 0.1759	\$ 1.3440	\$ 0.0555	\$ 1.5754
All therms over the first block per month at	\$ 0.1617	\$ 1.9868	\$ 0.0878	\$ 2.2363	\$ 0.1000	\$ 1.3440	\$ 0.0555	\$ 1.4995
Commercial/Industrial - G-53								
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.1697	\$ 1.9868	\$ 0.0878	\$ 2.2443	\$ 0.0814	\$ 1.3440	\$ 0.0555	\$ 1.4809
Commercial/Industrial - G-54								
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.0648	\$ 1.9868	\$ 0.0878	\$ 2.1394	\$ 0.0352	\$ 1.3440	\$ 0.0555	\$ 1.4347

DATED: xxx xx, 2021

EFFECTIVE: November 1, 2021

ISSUED BY: /s/Neil Proudman
Neil Proudman

TITLE: President

Rates Effective April 1, 2021 – April 30, 2021
Rates Effective November 1, 2021 - April 30, 2022
Winter Period Period

Rates Effective July 1, 2020 – October 31, 2020
Rates Effective September 1, 2021 - October 31, 2021
Summer Period [1]

	Delivery Charge	Cost of Gas Rate Page 97	LDAC Page 101	Total Rate	Delivery Charge	Cost of Gas Rate Page 93	LDAC Page 101	Total Rate
Residential Non Heating - R-1	\$ 15.50			\$ 15.50	\$ 15.20			\$ 15.20
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
All therms	\$ 0.3844	\$ 1.9868	\$ 0.1444	\$ 2.5156	\$ 0.3844	\$ 1.3440	\$ 0.0589	\$ 1.7873
	\$ -0.3860	\$ -1.2816	\$ -0.0589	\$ -1.7265	\$ -0.3786	\$ -0.7908	\$ -0.0310	\$ -1.2004
Residential Heating - R-3	\$ 15.50			\$ 15.50	\$ 15.20			\$ 15.20
Customer Charge per Month per Meter	\$ 15.39			\$ 15.39	\$ 15.39			\$ 15.39
All therms over the first block per month at	\$ 0.5632	\$ 1.9868	\$ 0.1444	\$ 2.6944	\$ 0.5632	\$ 1.3440	\$ 0.0660	\$ 1.9732
	\$ -0.5678	\$ -1.2816	\$ -0.0589	\$ -1.9083	\$ -0.5569	\$ -0.7908	\$ -0.0310	\$ -1.3787
Residential Heating - R-4	\$ 8.53			\$ 8.53	\$ 6.08			\$ 6.08
Customer Charge per Month per Meter	\$ 8.47			\$ 8.47	\$ 15.39			\$ 15.39
All therms over the first block per month at	\$ 0.3098	\$ 1.9868	\$ 0.1444	\$ 2.4410	\$ 0.5632	\$ 1.3440	\$ 0.0589	\$ 1.9661
	\$ -0.3123	\$ -0.7048	\$ -0.0589	\$ -1.0760	\$ -0.2228	\$ -0.7908	\$ -0.0310	\$ -1.0446
Commercial/Industrial - G-41	\$ 57.46			\$ 57.46	\$ 56.36			\$ 56.36
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06	\$ 57.06			\$ 57.06
Size of the first block	100 therms				20 therms			
Therms in the first block per month at	\$ 0.4688	\$ 1.9868	\$ 0.0878	\$ 2.5434	\$ 0.4688	\$ 1.3440	\$ 0.0555	\$ 1.8683
	\$ -0.4711	\$ -1.2816	\$ -0.0555	\$ -1.8082	\$ -0.4624	\$ -0.7908	\$ -0.0478	\$ -1.3007
All therms over the first block per month at	\$ 0.3149	\$ 1.9868	\$ 0.0878	\$ 2.3895	\$ 0.3149	\$ 1.3440	\$ 0.0555	\$ 1.7144
	\$ -0.3165	\$ -1.2816	\$ -0.0555	\$ -1.6536	\$ -0.3104	\$ -0.7908	\$ -0.0478	\$ -1.1490
Commercial/Industrial - G-42	\$ 172.39			\$ 172.39	\$ 169.09			\$ 169.09
Customer Charge per Month per Meter	\$ 171.19			\$ 171.19	\$ 171.19			\$ 171.19
Size of the first block	1000 therms				400 therms			
Therms in the first block per month at	\$ 0.4261	\$ 1.9868	\$ 0.0878	\$ 2.5007	\$ 0.4261	\$ 1.3440	\$ 0.0555	\$ 1.8256
	\$ -0.4284	\$ -1.2816	\$ -0.0555	\$ -1.7655	\$ -0.4202	\$ -0.7908	\$ -0.0478	\$ -1.2588
All therms over the first block per month at	\$ 0.2839	\$ 1.9868	\$ 0.0878	\$ 2.3585	\$ 0.2839	\$ 1.3440	\$ 0.0555	\$ 1.6834
	\$ -0.2855	\$ -1.2816	\$ -0.0555	\$ -1.6226	\$ -0.2800	\$ -0.7908	\$ -0.0478	\$ -1.1186
Commercial/Industrial - G-43	\$ 739.83			\$ 739.83	\$ 725.65			\$ 725.65
Customer Charge per Month per Meter	\$ 734.69			\$ 734.69	\$ 734.69			\$ 734.69
All therms over the first block per month at	\$ 0.2620	\$ 1.9868	\$ 0.0878	\$ 2.3366	\$ 0.1198	\$ 1.3440	\$ 0.0555	\$ 1.5193
	\$ -0.2633	\$ -1.2816	\$ -0.0555	\$ -1.6004	\$ -0.1181	\$ -0.7908	\$ -0.0478	\$ -0.9567
Commercial/Industrial - G-51	\$ 57.46			\$ 57.46	\$ 56.36			\$ 56.36
Customer Charge per Month per Meter	\$ 57.06			\$ 57.06	\$ 57.06			\$ 57.06
Size of the first block	100 therms				100 therms			
Therms in the first block per month at	\$ 0.2819	\$ 1.9868	\$ 0.0878	\$ 2.3565	\$ 0.2819	\$ 1.3440	\$ 0.0555	\$ 1.6814
	\$ -0.2839	\$ -1.2816	\$ -0.0555	\$ -1.6210	\$ -0.2785	\$ -0.7908	\$ -0.0478	\$ -1.1171
All therms over the first block per month at	\$ 0.1833	\$ 1.9868	\$ 0.0878	\$ 2.2579	\$ 0.1833	\$ 1.3440	\$ 0.0555	\$ 1.5828
	\$ -0.1846	\$ -1.2816	\$ -0.0555	\$ -1.5217	\$ -0.1811	\$ -0.7908	\$ -0.0478	\$ -1.0197
Commercial/Industrial - G-52	\$ 172.39			\$ 172.39	\$ 169.09			\$ 169.09
Customer Charge per Month per Meter	\$ 171.19			\$ 171.19	\$ 171.19			\$ 171.19
Size of the first block	1000 therms				1000 therms			
Therms in the first block per month at	\$ 0.2428	\$ 1.9868	\$ 0.0878	\$ 2.3174	\$ 0.1759	\$ 1.3440	\$ 0.0555	\$ 1.5754
	\$ -0.2439	\$ -1.2816	\$ -0.0555	\$ -1.5810	\$ -0.1733	\$ -0.7908	\$ -0.0478	\$ -1.0119
All therms over the first block per month at	\$ 0.1617	\$ 1.9868	\$ 0.0878	\$ 2.2363	\$ 0.1000	\$ 1.3440	\$ 0.0555	\$ 1.4995
	\$ -0.1624	\$ -1.2816	\$ -0.0555	\$ -1.4995	\$ -0.0985	\$ -0.7908	\$ -0.0478	\$ -0.9371
Commercial/Industrial - G-53	\$ 761.39			\$ 761.39	\$ 746.81			\$ 746.81
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.1697	\$ 1.9868	\$ 0.0878	\$ 2.2443	\$ 0.0814	\$ 1.3440	\$ 0.0555	\$ 1.4809
	\$ -0.1705	\$ -1.2816	\$ -0.0555	\$ -1.5076	\$ -0.0802	\$ -0.7908	\$ -0.0478	\$ -0.9188
Commercial/Industrial - G-54	\$ 761.39			\$ 761.39	\$ 746.81			\$ 746.81
Customer Charge per Month per Meter	\$ 756.10			\$ 756.10	\$ 756.10			\$ 756.10
All therms over the first block per month at	\$ 0.0648	\$ 1.9868	\$ 0.0878	\$ 2.1394	\$ 0.0352	\$ 1.3440	\$ 0.0555	\$ 1.4347
	\$ -0.0650	\$ -1.2816	\$ -0.0555	\$ -1.4021	\$ -0.0346	\$ -0.7908	\$ -0.0478	\$ -0.8732

DATED: xxx xx, 2021
DATED: June 24, 2020
EFFECTIVE: November 1, 2021
EFFECTIVE: July 01, 2020

ISSUED BY: /s/ Neil Proudman
Neil Proudman
TITLE: President

Authorized by NHPUC Order No. xx,xxx dated October xx, 2021 in Docket No. DG 21-xxx
Authorized by NHPUC Order No. 26,421 dated October 30, 2020, in Docket No. DG 20-152

LIBERTY - KEENE DIVISION

CONVERSION OF COSTS - GALLONS TO THERMS
 WINTER PERIOD 2021 - 2022

	(1)	(2)	(3) (4)		(5)	(6)
			<u>VOLUMES</u>		<u>UNIT COST</u>	
	<u>UNIT</u>	<u>CONVERSION FACTOR</u>	<u>GALLONS</u>	<u>THERMS</u>	<u>PER GALLON</u>	<u>PER THERM</u>
1 GAS FROM PROPANE	GALLONS	0.91502	[REDACTED]	[REDACTED]	\$1.4214	\$1.5534
2 GAS FROM CNG	THERMS	N/A	N/A	[REDACTED]	N/A	[REDACTED]
3 TOTAL				<u>1,140,267</u>		

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LIBERTY - KEENE DIVISION
 CALCULATION OF COST OF GAS RATE
 SUPPLY / DEMAND BALANCE
 WINTER PERIOD 2021 - 2022

	PRIOR	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	TOTAL
PROPANE COSTS								
1 PROPANE FIRM SENDOUT (therms)								
2 COMPANY USE (therms)								
3 TOTAL PROPANE SENDOUT (therms)								
4 COST PER THERM (WACOG)		\$1.5232	\$1.5351	\$1.5174	\$1.5414	\$1.6518	\$1.5728	
5 TOTAL CALCULATED COST OF PROPANE		\$183,474	\$286,274	\$335,598	\$302,516	\$261,910	\$140,951	\$1,510,723
6 INDIRECT COSTS FROM DG 20-105		\$34,688	\$34,688	\$34,688	\$34,688	\$34,688	\$34,688	\$208,129
7 PROPANE ADJUSTMENTS								
8 TOTAL COST OF PROPANE		\$218,162	\$320,962	\$370,286	\$337,204	\$296,598	\$175,639	\$1,718,852
CNG COSTS								
8 CNG SENDOUT (therms)								
9 COST PER THERM (WACOG)								
10 TOTAL CALCULATED COST OF CNG								
11 CNG DEMAND CHARGES								
12 INCREMENTAL COSTS WINTER 2019-2020 PER Order # 26,505 in DG 20-105								
13 INCREMENTAL COSTS WINTER 2020-2021 PER Order # 26,505 in DG 20-105								
14 PROJECTED INCREMENTAL COSTS Winter 2021-2022								
15 NET INCREMENTAL COSTS								
16 TOTAL CNG COSTS								
17 ACCOUNTING ADJUSTMENT		\$0	\$0	\$0	\$0	\$0	\$0	\$0
18 FPO PREMIUM		\$0	\$0	\$0	\$0	\$0	\$0	\$0
19 TOTAL COSTS OF GAS								
20 RETURN ON INVENTORY		\$1,729	\$1,729	\$1,729	\$1,729	\$1,729	\$1,729	\$10,377
REVENUES								
21 BILLED FPO SALES (therms)		0	0	0	0	0	0	
22 COG FPO RATE		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0
23 BILLED NON-FPO SALES PRIOR MONTH (therms)		0	0	0	0	0	0	
24 COG NON-FPO RATE PRIOR MONTH		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0
25 BILLED NON-FPO SALES CURRENT MONTH (therms)		134,349	209,008	248,017	219,653	179,426	101,660	1,092,113
26 COG NON-FPO RATE CURRENT MONTH		\$1,9868	\$1,9868	\$1,9868	\$1,9868	\$1,9868	\$1,9868	\$2,169,792
27 BILLED SALES OTHER PRIOR PERIODS		0	0	0	0	0	0	
28 COG OTHER PRIOR PERIODS BLENDED RATE		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0
29 TOTAL SALES		134,349	209,008	248,017	219,653	179,426	101,660	1,092,113
30 TOTAL BILLED REVENUES		\$266,922	\$415,254	\$492,756	\$436,403	\$356,481	\$201,976	\$2,169,792
31 UNBILLED REVENUES (NET)		\$0	\$0	\$0	\$0	\$0	\$0	\$0
32 TOTAL REVENUES		\$266,922	\$415,254	\$492,756	\$436,403	\$356,481	\$201,976	\$2,169,792
33 (OVER)/UNDER COLLECTION		\$5,342	(\$25,384)	(\$46,120)	(\$29,104)	\$4,440	\$20,591	(\$70,235)
34 INTEREST AMOUNT		\$197	\$170	\$74	(\$28)	(\$62)	(\$28)	\$323
35 FINAL (OVER)/UNDER COLLECTION		\$69,913	\$5,539	(\$25,214)	(\$46,046)	(\$29,132)	\$4,378	\$20,563

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LIBERTY - KEENE DIVISION

CALCULATION OF PURCHASED GAS COSTS
 WINTER PERIOD 2021 - 2022

LINE NO.		Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	TOTAL
1	TOTAL REQUIRED PURCHASES							
2	PROPANE PURCHASE STABILIZATION PLAN DELIVERIES							
3	THERMS	84,182	128,103	150,978	123,528	96,077	57,646	640,514
4	<u>RATES</u> - from Schedule D							
5	Contract Price	\$1.4255	\$1.4255	\$1.4255	\$1.4255	\$1.4255	\$1.4255	
6	Broker Fee	incl.	incl.	incl.	incl.	incl.	incl.	
7	Pipeline Fee	incl.	incl.	incl.	incl.	incl.	incl.	
8	PERC Fee	incl.	incl.	incl.	incl.	incl.	incl.	
9	Trucking Fee	incl.	incl.	incl.	incl.	incl.	incl.	
10	COST PER THERM	\$1.4255	\$1.4255	\$1.4255	\$1.4255	\$1.4255	\$1.4255	\$1.4255
11	TOTAL COST - Propane Purchase Stabilization Plan Deliveries	\$120,005	\$182,616	\$215,226	\$176,094	\$136,962	\$82,177	\$913,080
12	AMHERST STORAGE PROPANE DELIVERIES							
13	Therms	-	24,948	47,520	33,264	9,504	3,564	118,800
14	<u>RATES</u> - from Schedule F							
15	WACOG Price	\$0.0000	\$1.4200	\$1.4200	\$1.4200	\$1.4200	\$1.4200	
16	Trucking Fee	\$0.0000	\$0.0650	\$0.0650	\$0.0650	\$0.0650	\$0.0650	
17	COST PER THERM	\$0.0000	\$1.4850	\$1.4850	\$1.4850	\$1.4850	\$1.4850	\$1.4850
18	TOTAL COST - Amherst Storage Propane Deliveries	\$0	\$37,048	\$70,567	\$49,397	\$14,113	\$5,293	\$176,418
19	CNG DELIVERIES							
20	THERMS							
21	RATE							
22								
23	COST PER THERM							
24								
25	COST - CNG							
26								
27	TOTAL CNG							
28	SPOT PURCHASES							
29	THERMS							
30	From Schedule E							
31	COST PER THERM	\$2.0186	\$2.0172	\$2.0124	\$1.9653	\$1.8355	\$1.7105	\$1.9214
32	TOTAL COST - Spot Purchases							
33	OTHER ITEMS							
34	Storage	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35	Refund of Deferred Revenue Surcharge over collection	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36	TOTAL OTHER ITEMS	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37	TOTAL							
38	THERMS FROM PROPANE							
39	COST							
40	THERMS FROM CNG							
41	COST							
42	COST PER THERM	\$1.6490	\$1.5613	\$1.5177	\$1.5626	\$1.5868	\$1.5713	\$1.5676

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LIBERTY - KEENE DIVISION

PROPANE PURCHASING STABILIZATION PLAN
WINTER PERIOD 2021 - 2022

Line
No.

1	2 Delivery Month	Hedging Schedule & Volume (Gallons)						
		Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Total
3	Nov-20	18,400	13,800	13,800	18,400	13,800	13,800	92,000
4	Dec-20	28,000	21,000	21,000	28,000	21,000	21,000	140,000
5	Jan-21	33,000	24,750	24,750	33,000	24,750	24,750	165,000
6	Feb-21	27,000	20,250	20,250	27,000	20,250	20,250	135,000
7	Mar-21	21,000	15,750	15,750	21,000	15,750	15,750	105,000
8	Apr-21	12,600	9,450	9,450	12,600	9,450	9,450	63,000
9	Total Volume	115,000	111,250	111,250	140,000	111,250	111,250	700,000
10	Monthly %	16.4%	15.9%	15.9%	20.0%	15.9%	15.9%	

11	Delivery Price per Gallon	\$1.3511	\$1.3434	\$1.3343	\$1.3065	\$1.2401	\$1.1739	
12	Total Cost	\$124,304	\$188,073	\$220,162	\$176,378	\$130,207	\$73,954	\$913,076
13	Weighted Average Winter Contract Price per gallon							\$1.3044
14	Weighted Average Winter Contract Price per therm							\$1.4255

LIBERTY - KEENE DIVISION

PROPANE SPOT MARKET PURCHASE COST ANALYSIS
WINTER PERIOD 2021 - 2022

		(1) <u>Mt. Belvieu</u>		(2) <u>Broker Fee</u>		(3) <u>Pipeline Rate</u>		(4) <u>PERC Fee</u>		(5) <u>Supplier Charge</u>		(6) <u>Cost @ Selkirk</u>		(7) <u>Trucking to Keene</u>		(8) <u>\$ per Gal.</u>		(9) <u>\$ per Therm</u>
1	NOV	1.4519	+	0.0100	+	0.2396	+	0.0050	+	0.0500	=	1.7565	+	0.0906	=	1.8471	=	2.0186
2	DEC	1.4506	+	0.0100	+	0.2396	+	0.0050	+	0.0500	=	1.7552	+	0.0906	=	1.8458	=	2.0172
3	JAN	1.4463	+	0.0100	+	0.2396	+	0.0050	+	0.0500	=	1.7508	+	0.0906	=	1.8414	=	2.0124
4	FEB	1.4031	+	0.0100	+	0.2396	+	0.0050	+	0.0500	=	1.7077	+	0.0906	=	1.7983	=	1.9653
5	MAR	1.2844	+	0.0100	+	0.2396	+	0.0050	+	0.0500	=	1.5890	+	0.0906	=	1.6796	=	1.8355
6	APR	1.1700	+	0.0100	+	0.2396	+	0.0050	+	0.0500	=	1.4746	+	0.0906	=	1.5652	=	1.7105

1. Propane futures market quotations (cmegroup.com) on 10/12/21 close. See Appendix 1.
2. A generally accepted standard broker fee
3. Pipeline rate from Mt. Belvieu to Selkirk
4. Propane Education Research Council (propanecouncil.org)
5. A generally accepted standard supplier charge
6. Selkirk Cost - all fees plus propane cost
7. Northern Gas Transport trucking rate including diesel fuel surcharge. See Appendix 3A & 3B.
8. Delivered Price per Gallon
9. Delivered Price per therm as converted using per gallon price / .91502

LIBERTY - KEENE DIVISION

INVENTORY & WEIGHTED AVERAGE COST OF GAS CALCULATION
 WINTER PERIOD 2021 - 2022

LINE NO.

	<u>Therms</u>	<u>Cost</u>	<u>Therm</u>	<u>Rate</u> <u>Gal.</u>	<u>CNG therms</u>	<u>Cost</u>	<u>Total Sendout</u>	<u>Total Cost</u>	<u>Therm Rate</u>	
1	August 2021 (Actual)									
2	Beginning Balance	53,838	\$73,321	\$1.3619		\$1,2461				
3	Purchases Received	32,000	\$47,360	\$1.4800		\$1,3542				
4	Total Available	85,838	\$120,681	\$1.4059		\$1,2864				
5	Less Sendout	33,056	\$46,474	\$1.4059		\$1,2864				
6	Ending Balance	52,782	\$74,207	\$1.4059		\$1,2864				
7	September 2021 (Estimated)									
8	Beginning Balance	52,782	\$74,207	\$1.4059		\$1,2864				
9	Purchases Received	158,800	\$235,024	\$1.4800		\$1,3542				
10	Total Available	211,582	\$309,231	\$1.4615		\$1,3373				
11	Less Sendout	39,316	\$57,461	\$1.4615		\$1,3373				
12	Ending Balance	172,266	\$251,770	\$1.4615		\$1,3373				
13	October 2021 (Estimated)									
14	Beginning Balance	172,266	\$251,770	\$1.4615		\$1,3373				
15	Purchases Received	70,000	\$103,600	\$1.4800		\$1,3542				
16	Total Available	242,266	\$355,370	\$1.4669		\$1,3422				
17	Less Sendout	69,041	\$101,273	\$1.4669		\$1,3422				
18	Ending Balance	173,225	\$254,097	\$1.4669		\$1,3422				
19	November 2021 (Forecasted)									
20	Beginning Balance	173,225	\$254,097	\$1.4669		\$1,3422				
21	Purchases Received	120,456	\$193,228	\$1.6041		\$1,4678				
22	Total Available	293,681	\$447,325	\$1.5232		\$1,3937				
23	Less Sendout	120,456	\$183,474	\$1.5232		\$1,3937				
24	Ending Balance	173,225	\$263,851	\$1.5232		\$1,3937			\$1.580	
25	December 2021 (Forecasted)									
26	Beginning Balance	173,225	\$263,851	\$1.5232		\$1,3937				
27	Purchases Received	161,532	\$250,051	\$1.5480		\$1,4164				
28	Total Available	334,757	\$513,901	\$1.5351		\$1,4047				
29	Less Sendout	186,480	\$286,274	\$1.5351		\$1,4047				
30	Ending Balance	148,277	\$227,627	\$1.5351		\$1,4047			\$1.557	
31	January 2022 (Forecasted)									
32	Beginning Balance	148,277	\$227,627	\$1.5351		\$1,4047				
33	Purchases Received	173,652	\$260,856	\$1.5022		\$1,3745				
34	Total Available	321,929	\$488,483	\$1.5174		\$1,3884				
35	Less Sendout	221,172	\$335,598	\$1.5174		\$1,3884				
36	Ending Balance	100,757	\$152,885	\$1.5174		\$1,3884			\$1.534	
37	February 2022 (Forecasted)									
38	Beginning Balance	100,757	\$152,885	\$1.5174		\$1,3884				
39	Purchases Received	162,997	\$253,664	\$1.5562		\$1,4240				
40	Total Available	263,754	\$406,549	\$1.5414		\$1,4104				
41	Less Sendout	196,261	\$302,516	\$1.5414		\$1,4104				
42	Ending Balance	67,493	\$104,033	\$1.5414		\$1,4104			\$1.560	
43	March 2022 (Forecasted)									
44	Beginning Balance	67,493	\$104,033	\$1.5414		\$1,4104				
45	Purchases Received	149,055	\$253,664	\$1.7018		\$1,5572				
46	Total Available	216,548	\$357,697	\$1.6518		\$1,5114				
47	Less Sendout	158,559	\$261,910	\$1.6518		\$1,5114				
48	Ending Balance	57,989	\$95,787	\$1.6518		\$1,5114			\$1.659	
49	April 2022 (Forecasted)									
50	Beginning Balance	57,989	\$95,787	\$1.6518		\$1,5114				
51	Purchases Received	86,052	\$130,766	\$1.5196		\$1,3905				
52	Total Available	144,041	\$226,553	\$1.5728		\$1,4392				
53	Less Sendout	89,616	\$140,951	\$1.5728		\$1,4392				
54	Ending Balance	54,425	\$85,602	\$1.5728		\$1,4392			\$1.617	
55	AVERAGE WINTER RATE - SENDOUT									
56									FPO Premium (Sch. B, Line 15)	\$0
57										

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LIBERTY UTILITIES - KEENE DIVISION
 CALCULATION OF COST OF GAS RATE
 SUPPLY / DEMAND BALANCE
 WINTER PERIOD 2020 - 2021

	PRIOR	Actual Nov-20	Actual Dec-20	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	TOTAL		
PROPANE COSTS										
1	PROPANE FIRM SENDOUT (therms)									
2	COMPANY USE (therms)									
3	TOTAL PROPANE SENDOUT (therms)									
4	COST PER THERM (WACOG)	\$0.8860	\$0.9308	\$0.9441	\$1.0463	\$1.0724	\$1.0172			
5	TOTAL CALCULATED COST OF PROPANE	\$107,605	\$174,363	\$214,927	\$207,206	\$164,311	\$92,754	\$961,166		
6	PROPANE ADJUSTMENTS	\$0	\$0	(\$10,000)	(\$354)	\$0	\$0	(\$10,354)		
7	TOTAL COST OF PROPANE	\$107,605	\$174,363	\$204,927	\$206,852	\$164,311	\$92,754	\$950,812		
CNG COSTS										
8	CNG SENDOUT (therms)									
9	COMPANY USE (therms)									
10	TOTAL CNG SENDOUT (therms)									
11	COST PER THERM (WACOG)									
12	TOTAL CALCULATED COST OF CNG									
13	CNG DEMAND CHARGES									
14	CNG ADJUSTMENTS									
15	CNG ADJUSTMENTS -Demand Charges Aug 2017 - Sep 2019									
16	TOTAL CNG COSTS									
17	REMOVED CNG ADJUSTMENTS -Demand Charges Aug 2017 - Sep 2019			Order No 26,428						
18	REMOVED EXCESS CNG COSTS from Winter 2019-2020			Order No 26,428						
19	NET CNG COSTS PER ORDER NO. 26,428 in Docket No. DG 20-152									
ACCOUNTING ADJUSTMENT										
20	FPO PREMIUM		(\$672)	(\$1,899)	(\$2,513)	(\$2,882)	(\$2,131)	(\$1,971)	(\$12,068)	
21	TOTAL COSTS OF GAS									
22	RETURN ON INVENTORY		\$1,496	\$1,496	\$1,496	\$1,496	\$1,496	\$1,496	\$8,978	
REVENUES										
23	BILLED FPO SALES (therms) - Interim Rate - Nov 2020	6,716	4,909	0	0	0	0	11,625		
24	COG FPO RATE - Interim Rate - Nov 2020	\$1,2300	\$1,2300	\$1,2300	\$1,2300	\$1,2300	\$1,2300			
25	TOTAL	\$8,261	\$6,038	\$0	\$0	\$0	\$0	\$14,299		
26	BILLED FPO SALES (therms) - R-4 (GAP) - Interim Rate - Nov 2020	204	174	0	0	0	0	378		
27	COG R-4 FPO RATE - Interim Rate - Nov 2020	\$0.6765	\$0.6765	\$0.6765	\$0.6765	\$0.6765	\$0.6765			
28	TOTAL	\$138	\$118	\$0	\$0	\$0	\$0	\$256		
29	BILLED FPO SALES (therms) - Dec 2020 - Apr 2021	0	11,834	17,830	21,340	15,269	9,429			
30	COG FPO RATE - Dec 2020 - Apr 2021	\$0.0000	\$1.0277	\$1.0277	\$1.0277	\$1.0277	\$1.0277			
31	TOTAL	\$0	\$12,162	\$18,324	\$21,931	\$15,692	\$9,690	\$77,799		
32	BILLED FPO SALES (therms) - R-4 (GAP) Dec 2020 - Apr 2021	0	447	733	861	687	343	3,071		
33	COG R-4 FPO RATE - Dec 2020 - Apr 2021	\$0.0000	\$0.5652	\$0.5652	\$0.5652	\$0.5652	\$0.5652			
34	TOTAL	\$0	\$253	\$414	\$487	\$388	\$194	\$1,736		
35	BILLED NON-FPO SALES CURRENT MONTH (therms)	62,286	188,285	145,706	164,856	166,818	77,361	805,312		
36	COG NON-FPO RATE CURRENT MONTH	\$1.0253	\$1.0253	\$0.9970	\$0.9928	\$0.9928	\$1.2816			
37	TOTAL	\$63,862	\$193,049	\$145,269	\$163,669	\$165,617	\$99,146	\$830,611		
38	BILLED NON-FPO SALES PRIOR MONTH (therms)	0	0	58,329	66,700	0	24,298	149,327		
39	COG NON-FPO RATE PRIOR MONTH	\$0.0000	\$1.0253	\$1.0253	\$0.9970	\$0.9928	\$0.9928			
40	TOTAL	\$0	\$0	\$59,805	\$66,500	\$0	\$24,123	\$150,428		
41	BILLED NON-FPO SALES CURRENT MONTH (therms) - R-4 (GAP)	1,211	3,459	3,289	3,884	4,060	1,779	17,682		
42	COG NON-FPO RATE CURRENT MONTH	\$0.5639	\$0.5639	\$0.5484	\$0.5460	\$0.5460	\$0.7048			
43	TOTAL	\$683	\$1,951	\$1,804	\$2,121	\$2,217	\$1,254	\$10,029		
44	BILLED NON-FPO SALES PRIOR MONTH (therms) - R-4 (GAP)	0	0	1,514	1,701	0	1,107	4,322		
45	COG NON-FPO RATE PRIOR MONTH	\$0.0000	\$0.5639	\$0.5639	\$0.5484	\$0.5460	\$0.5460			
46	TOTAL	\$0	\$0	\$854	\$933	\$0	\$604	\$2,391		
47	BILLED SALES OTHER PRIOR PERIODS	63	0	0	(2,469)	654	1,058	(694)		
48	COG OTHER PRIOR PERIODS BLENDED RATE	\$0.5237	\$0.0000	\$0.0000	\$1.0196	\$1.2062	\$0.7273			
49	TOTAL	\$33	\$0	\$0	(\$2,517)	\$789	\$769	(\$926)		
50	TOTAL SALES	70,480	209,108	227,401	256,873	187,488	115,375	1,066,725		
51	TOTAL BILLED REVENUES	\$72,976	\$213,569	\$226,469	\$253,123	\$184,703	\$135,781	\$1,086,621		
52	UNBILLED REVENUES (NET)	\$69,145	\$7,897	\$8,481	(\$53,256)	(\$8,834)	(\$250)	\$23,182		
53	TOTAL REVENUES	\$142,121	\$221,466	\$234,950	\$199,867	\$175,869	\$135,531	\$1,109,803		
54	(OVER)/UNDER COLLECTION	(\$28,424)	(\$29,002)	(\$4,727)	\$58,612	\$2,088	(\$42,242)	(\$43,696)		
55	INTEREST AMOUNT		\$206	\$189	\$210	\$312	\$491	\$1,890		
56	FINAL (OVER)/UNDER COLLECTION	\$	80,521	(\$28,218)	(\$28,813)	(\$4,517)	\$58,924	\$2,579	(\$41,761)	\$38,715

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LIBERTY - KEENE DIVISION

INTEREST CALCULATION
WINTER PERIOD 2021 - 2022

LINE NO.	MONTH	(1) BEG. OF MONTH BALANCE	(2) (OVER) UNDER COLLECT	(3) ADJUSTMENTS	(4) REFUNDS	(5) END OF MONTH BALANCE (COL.1+2+3)	(6) AVERAGE BALANCE COL. (COL. [1+4]/2)	(7) ANNUAL INTEREST RATE	(8) INTEREST AMOUNT	(9) MONTH END BAL. WITH INTEREST (COL. 4+7)
1	MAY 2021	\$38,715	\$0	\$8,914	\$0	\$47,629	\$43,172	3.25%	484	\$48,113
2	JUN	48,113	0	7,849	0	\$55,962	52,037	3.25%	492	56,453
3	JUL	56,453	0	12,340	0	\$68,793	62,623	3.25%	555	69,348
4	AUG	69,348	0	0	0	\$69,348	69,348	3.25%	188	69,536
5	SEP	69,536	0	0	0	\$69,536	69,536	3.25%	188	69,724
6	OCT	69,724	0	0	0	\$69,724	69,724	3.25%	189	69,913
7	NOV	69,913	5,342	0	0	\$75,255	72,584	3.25%	197	75,452
8	DEC	75,452	(25,384)	0	0	\$50,068	62,760	3.25%	170	50,238
9	JAN 2022	50,238	(46,120)	0	0	\$4,118	27,178	3.25%	74	4,192
10	FEB	4,192	(29,104)	0	0	(\$24,912)	(10,360)	3.25%	(28)	(24,940)
11	MAR	(24,940)	4,440	0	0	(\$20,500)	(22,720)	3.25%	(62)	(20,562)
12	APR	(20,562)	20,591	0	0	\$29	(10,267)	3.25%	(28)	1
13										
14									<u>\$2,418</u>	

	BEGINNING BALANCE MAY 2021		ADJUSTMENTS MAY-OCT 2021		INTEREST MAY-OCT 2021		ENDING BALANCE w/ INTEREST OCTOBER 2021
15	= COL. 1, LINE 1	+	COL. 3 LINES 1 TO 6	+	COL. 8, LINES 1 TO 6	=	COL 9, LINE 6
16	= 38,715	+	\$29,104	+	2,095	=	<u>69,913</u> (TRANSFER TO SCHEDULE B, LINE 35)

Liberty - Keene Division Weather Normalization - Firm Sendout (Therms)													
Period	Actual Firm Sendout	Base Use	Heat Use	Actual Calendar Month Degree Days	Normal Calendar Month Degree Days	Colder (Warmer) Than Normal	Actual Unit Heat Load Therm/DD	Weather Adjustment	Normal Heat Load	Normalized Firm Sendout	Actual Company Use	Unaccounted For 0.19%	Total Firm Sendout
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
			(1) - (2)			(4) - (5)	(3) / (4)	(6) X (7)	(3) + (8)	(1) - (3) + (9)		(10 - 11) * 0.19%	(10) - (11) + (12)
Nov-21	141,679	43,883	97,796	840	829	11	116.42	(1,281)	96,515	140,398	4,077	253	136,574
Dec-21	219,629	43,883	175,746	1,131	1,119	12	155.39	(1,865)	173,881	217,764	5,682	394	212,476
Jan-22	254,042	43,883	210,159	1,256	1,280	(24)	167.32	4,016	214,175	258,058	6,252	468	252,273
Feb-22	230,679	43,883	186,796	1,136	1,123	13	164.43	(2,138)	184,658	228,541	5,657	414	223,298
Mar-22	181,025	43,883	137,142	943	984	(41)	145.43	5,963	143,105	186,988	4,751	338	182,575
Apr-22	108,633	43,883	64,750	626	605	21	103.43	(2,172)	62,578	106,461	3,341	191	103,311
Total	1,135,687	263,298	872,389	5,932	5,940	(8)		2,523	874,912	1,138,210	29,760	2,058	1,110,507

Liberty - Keene Division Weather Normalization - Sales (Therms) - Rate Residential											
Period	Customers	Sales	Base Load	Heating Load	Monthly Actual Degree Days	Monthly Normal Degree Days	Colder (Warmer) Than Normal	Actual Unit Heat Load Therm/DD	Weather Adjustment	Normal Heat Load	Normal Firm Billing Cycle Therms
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
				(1) - (2)			(4) - (5)	(3) / (4)	(6) X (7)	(3) + (8)	(1) - (3) + (9)
Nov-21	901	32,878	6,520	26,359	840	829	11	31.38	(345)	26,013	32,533
Dec-21	931	50,283	6,520	43,763	1,131	1,119	12	38.69	(464)	43,299	49,819
Jan-22	931	60,016	6,520	53,496	1,256	1,280	(24)	42.59	1,022	54,519	61,038
Feb-22	842	54,743	6,520	48,223	1,136	1,123	13	42.45	(552)	47,671	54,191
Mar-22	930	42,007	6,520	35,487	943	984	(41)	37.63	1,543	37,030	43,550
Apr-22	894	23,292	6,520	16,772	626	605	21	26.79	(563)	16,209	22,729
Total		263,219	39,118	224,101	5,932	5,940	(8)	80.14	641	224,742	263,860

Liberty - Keene Division Weather Normalization - Sales (Therms) - Rate Commercial											
Period	Customers	Sales	Base Load	Heating Load	Monthly Actual Degree Days	Monthly Normal Degree Days	Colder (Warmer) Than Normal	Actual Unit Heat Load Therm/DD	Weather Adjustment	Normal Heat Load	Normal Firm Billing Cycle Therms
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
				(1) - (3)			(4) - (5)	(3) / (4)	(6) X (7)	(3) + (8)	(1) - (3) + (9)
Nov-21	326	102,701	35,103	67,598	840	829	11	80.47	(885)	66,713	101,816
Dec-21	333	160,520	35,103	125,417	1,131	1,119	12	110.89	(1,331)	124,086	159,189
Jan-22	330	184,131	35,103	149,028	1,256	1,280	(24)	118.65	2,848	151,876	186,979
Feb-22	299	166,971	35,103	131,868	1,136	1,123	13	116.08	(1,509)	130,359	165,462
Mar-22	329	131,677	35,103	96,574	943	984	(41)	102.41	4,199	100,773	135,876
Apr-22	313	80,452	35,103	45,350	626	605	21	72.44	(1,521)	43,828	78,931
Total		826,453	210,618	615,835	5,932	5,940	(8)	225.03	1,800	617,635	828,253

Summary - Total Winter Season Sales

	<u>Actual 2020-2021</u>	<u>Normalized</u>
November	135,579	134,349
December	210,803	209,008
January	244,147	248,017
February	221,714	219,653
March	173,684	179,426
April	103,744	101,660
Total	1,089,672	1,092,113

LIBERTY - KEENE DIVISION
Typical Residential Heating Bill - Fixed Price Option Program
Forecasted 2021-2022 Winter Period vs. Actual 2020-2021 Winter Period

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Winter Nov-Apr	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Summer May-Oct	Total Nov-Oct
12 MONTHS ENDED 10/31/2021															
Typical Usage - therms (1)	39	69	81	103	89	66	447	35	18	9	7	8	12	89	536
Residential Heating R-3															
Customer Charge 10/1/2020-7/31/2021 8/1/2021-Present	\$15.50	\$15.50	\$15.50	\$15.50	\$15.50	\$15.50	\$93.00	\$15.50	\$15.50	\$15.50	\$15.39	\$15.39	\$15.39	\$92.67	\$185.67
Delivery Charge:															
All therms @ \$0.5678 \$0.5632	\$22.14	\$39.18	\$45.99	\$58.48	\$50.53	\$37.47	\$253.79	\$19.87	\$10.22	\$5.11	\$3.94	\$4.51	\$6.76	\$50.41	\$304.20
Base Delivery Revenue Total	\$37.64	\$54.68	\$61.49	\$73.98	\$66.03	\$52.97	\$346.79	\$35.37	\$25.72	\$20.61	\$19.33	\$19.90	\$22.15	\$143.08	\$489.87
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COG Rates	\$1.2300	\$1.0277	\$1.0277	\$1.0277	\$1.0277	\$1.0277	\$1.0453	\$1.1821	\$1.2665	\$1.4680	\$1.4680	\$1.3440	\$1.3440	\$1.2870	
Cost of Gas Total	\$47.97	\$70.91	\$83.24	\$105.85	\$91.47	\$67.83	\$467.27	\$41.37	\$22.80	\$13.21	\$10.28	\$10.75	\$16.13	\$114.54	\$581.81
LDAC Rates	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	
LDAC Total	\$2.30	\$4.06	\$4.77	\$6.07	\$5.24	\$3.89	\$26.33	\$2.06	\$1.06	\$0.53	\$0.41	\$0.47	\$0.71	\$5.24	\$31.57
Total Bill	\$88	\$130	\$150	\$186	\$163	\$125	\$840	\$79	\$50	\$34	\$30	\$31	\$39	\$263	\$1,103
12 MONTHS ENDED 10/31/2022															
Typical Usage - therms (1)	39	69	81	103	89	66	447	35	18	9	7	8	12	89	536
Residential Heating R-3															
Customer Charge 10/1/2020-7/31/2021 8/1/2021-Present	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.34	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.34	\$184.68
Delivery Charge:															
All therms @ \$0.5678 \$0.5632	\$21.96	\$38.86	\$45.62	\$58.01	\$50.12	\$37.17	\$251.74	\$19.71	\$10.14	\$5.07	\$3.94	\$4.51	\$6.76	\$50.13	\$301.87
Base Delivery Revenue Total	\$37.35	\$54.25	\$61.01	\$73.40	\$65.51	\$52.56	\$344.08	\$35.10	\$25.53	\$20.46	\$19.33	\$19.90	\$22.15	\$142.47	\$486.55
Seasonal Base Delivery Difference from previous year							-\$2.71							-\$0.61	-\$3.32
Seasonal Percent Change from previous year							-0.8%							-0.4%	-0.7%
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COG Rates	\$1.8941	\$1.8941	\$1.8941	\$1.8941	\$1.8941	\$1.8941	\$1.8941	\$1.1821	\$1.2665	\$1.4680	\$1.4680	\$1.3440	\$1.3440	\$1.2870	
Cost of Gas Total	\$73.87	\$130.69	\$153.42	\$195.09	\$168.57	\$125.01	\$846.65	\$41.37	\$22.80	\$13.21	\$10.28	\$10.75	\$16.13	\$114.54	\$961.19
Seasonal COG Difference from previous year							\$379.38							\$0.00	\$379.38
Seasonal Percent Change from previous year							81.2%							0.0%	65.2%
LDAC Rates	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1443	
LDAC Total	\$5.63	\$9.96	\$11.70	\$14.87	\$12.85	\$9.53	\$64.54	\$5.05	\$2.60	\$1.30	\$1.01	\$1.16	\$1.73	\$12.85	\$77.39
Seasonal LDAC Difference from previous year							\$38.21							\$7.61	\$45.82
Seasonal Percent Change from previous year							145.1%							145.2%	145.1%
Total Bill	\$117	\$195	\$226	\$283	\$247	\$187	\$1,255	\$82	\$51	\$35	\$31	\$32	\$40	\$270	\$1,525
Seasonal Total Bill Difference from previous year							\$414.88							\$7.00	\$421.88
Seasonal Percent Change from previous year							49.4%							2.7%	38.2%
Seasonal Percent Change resulting from Base Rates (incl. Def. Revenue Surch.)							-0.3%							-0.2%	-0.3%
Seasonal Percent Change resulting from COG							45.1%							0.0%	34.4%
Seasonal Percent Change resulting from LDAC							4.5%							2.9%	4.2%

(1) Residential Heating Typical Usage: Residence using gas for heat, hot water and cooking.

LIBERTY - KEENE DIVISION
Typical Residential Heating Bill - Non-Fixed Price Option Program
Forecasted 2021-2022 Winter Period vs. Actual 2020-2021 Winter Period

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Winter Nov-Apr	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Summer May-Oct	Total Nov-Oct
12 MONTHS ENDED 10/31/2021															
Typical Usage - therms (1)	39	69	81	103	89	66	447	35	18	9	7	8	12	89	536
Residential Heating R-3															
Customer Charge	\$15.50	\$15.50	\$15.50	\$15.50	\$15.50	\$15.50	\$93.00	\$15.50	\$15.50	\$15.50	\$15.39	\$15.39	\$15.39	\$92.67	\$185.67
Delivery Charge:															
All therms @ \$0.5678	\$22.14	\$39.18	\$45.99	\$58.48	\$50.53	\$37.47	\$253.79	\$19.71	\$10.14	\$5.11	\$3.97	\$4.54	\$6.81	\$50.28	\$304.07
Base Delivery Revenue Total	\$37.64	\$54.68	\$61.49	\$73.98	\$66.03	\$52.97	\$346.79	\$35.21	\$25.64	\$20.61	\$19.36	\$19.93	\$22.20	\$142.95	\$489.74
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COG Rates	\$1.0253	\$0.9970	\$0.9928	\$0.9928	\$0.9928	\$1.1677	\$1.0221	\$1.1821	\$1.2665	\$1.4680	\$1.4680	\$1.3440	\$1.3440	\$1.2870	
Cost of Gas Total	\$39.99	\$68.79	\$80.42	\$102.26	\$88.36	\$77.07	\$456.89	\$41.37	\$22.80	\$13.21	\$10.28	\$10.75	\$16.13	\$114.54	\$571.43
LDAC Rates	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	\$0.0589	
LDAC Total	\$2.30	\$4.06	\$4.77	\$6.07	\$5.24	\$3.89	\$26.33	\$2.06	\$1.06	\$0.53	\$0.41	\$0.47	\$0.71	\$5.24	\$31.57
Total Bill	\$80	\$128	\$147	\$182	\$160	\$134	\$830	\$79	\$50	\$34	\$30	\$31	\$39	\$263	\$1,093
12 MONTHS ENDED 10/31/2022															
Typical Usage - therms (1)	39	69	81	103	89	66	447	35	18	9	7	8	12	89	536
Residential Heating R-3															
Customer Charge	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.34	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.34	\$184.68
Delivery Charge:															
All therms @ \$0.5678	\$22.14	\$39.18	\$45.99	\$58.48	\$50.53	\$37.47	\$253.79	\$19.71	\$10.14	\$5.11	\$3.97	\$4.54	\$6.81	\$50.28	\$304.07
Base Delivery Revenue Total	\$37.53	\$54.57	\$61.38	\$73.87	\$65.92	\$52.86	\$346.13	\$35.10	\$25.53	\$20.50	\$19.36	\$19.93	\$22.20	\$142.62	\$488.75
Seasonal Base Delivery Difference from previous year							-\$0.66							-\$0.33	-\$0.99
Seasonal Percent Change from previous year							-0.2%							-0.2%	-0.2%
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000		
Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COG Rates	\$1.9868	\$1.9868	\$1.9868	\$1.9868	\$1.9868	\$1.9868	\$1.9868	\$1.1821	\$1.2665	\$1.4680	\$1.4680	\$1.3440	\$1.3440	\$1.2870	
Cost of Gas Total	\$77.49	\$137.09	\$160.93	\$204.64	\$176.83	\$131.13	\$888.11	\$41.37	\$22.80	\$13.21	\$10.28	\$10.75	\$16.13	\$114.54	\$1,002.65
Seasonal COG Difference from previous year							\$431.22							\$0.00	\$431.22
Seasonal Percent Change from previous year							94.4%							0.0%	75.5%
LDAC Rates	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.1444	\$0.14	
LDAC Total	\$5.63	\$9.96	\$11.70	\$14.87	\$12.85	\$9.53	\$64.54	\$5.05	\$2.60	\$1.30	\$1.01	\$1.16	\$1.73	\$12.85	\$77.39
Seasonal LDAC Difference from previous year							\$38.21							\$7.61	-\$31.57
Seasonal Percent Change from previous year							8.4%							6.6%	-5.5%
Total Bill	\$121	\$202	\$234	\$293	\$256	\$194	\$1,299	\$82	\$51	\$35	\$31	\$32	\$40	\$270	\$1,569
Seasonal Total Bill Difference from previous year							\$468.77							\$7.28	\$476.05
Seasonal Percent Change from previous year							56.5%							2.8%	43.6%
Seasonal Percent Change resulting from Base Rates (incl. Def. Revenue Surch.)							-0.1%							-0.1%	-0.1%
Seasonal Percent Change resulting from COG							52.0%							0.0%	39.5%
Seasonal Percent Change resulting from LDAC							4.6%							2.9%	-2.9%

(1) Residential Heating Typical Usage: Residence using gas for heat, hot water and cooking.

LIBERTY - KEENE DIVISION
 Typical Commercial Bill - Fixed Price Option Program
 Forecasted 2021-2022 Winter Period vs. Actual 2020-2021 Winter Period

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
12 MONTHS ENDED 10/31/2021	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Winter Nov-Apr	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Summer May-Oct	Total Nov-Oct
Typical Usage - therms	133	249	307	403	367	262	1,721	128	56	22	16	18	26	266	1,987
Commercial G-41															
Customer Charge	\$57.46	\$57.46	\$57.46	\$57.46	\$57.46	\$57.46	\$344.76	\$57.46	\$57.46	\$57.46	\$57.06	\$57.06	\$57.06	\$343.56	\$688.32
Delivery Charge:															
First 100 therms @	\$0.4711	\$0.4688	\$0.4711	\$0.4711	\$0.4711	\$0.4711	\$282.66	\$9.42	\$9.42	\$9.42	\$7.50	\$8.44	\$9.38	\$53.58	\$336.24
Over 100 therms @	\$0.3165	\$0.3149	\$0.3165	\$0.3149	\$0.3165	\$0.3149	\$354.80	\$34.18	\$11.39	\$0.63	\$0.00	\$0.00	\$1.89	\$48.09	\$402.89
Base Delivery Revenue Total	\$115.01	\$151.73	\$170.09	\$200.47	\$189.08	\$155.84	\$982.22	\$101.06	\$78.27	\$67.51	\$64.56	\$65.50	\$68.33	\$445.23	\$1,427.45
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COG Rates	\$1.2300	\$1.0277	\$1.0277	\$1.0277	\$1.0277	\$1.0277	\$1.0433	\$1.1821	\$1.2665	\$1.4680	\$1.4680	\$1.3440	\$1.3440	\$1.2675	
Cost of Gas Total	\$163.59	\$255.90	\$315.50	\$414.16	\$377.17	\$269.26	\$1,795.58	\$151.31	\$70.92	\$32.30	\$23.49	\$24.19	\$34.94	\$337.15	\$2,132.73
LDAC Rates	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	0.05550
LDAC Total	\$7.38	\$13.82	\$17.04	\$22.37	\$20.37	\$14.54	\$95.52	\$7.10	\$3.11	\$1.22	\$0.89	\$1.00	\$1.44	\$11.76	\$110.28
Total Bill	\$286	\$421	\$503	\$637	\$587	\$440	\$2,873	\$259	\$152	\$101	\$89	\$91	\$105	\$797	\$3,670
12 MONTHS ENDED 10/31/2022	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Winter Nov-Apr	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Summer May-Oct	Total Nov-Oct
Typical Usage - therms	133	249	307	403	367	262	1,721	128	56	22	16	18	26	266	1,987
Commercial G-41															
Customer Charge	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$342.36	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$342.36	\$684.72
Delivery Charge:															
First 100 therms @	\$0.4711	\$0.4688	\$0.4711	\$0.4688	\$0.4688	\$0.4688	\$281.28	\$46.88	\$26.25	\$10.31	\$7.50	\$8.44	\$12.19	\$111.57	\$392.85
Over 100 therms @	\$0.3165	\$0.3149	\$0.3165	\$0.3149	\$0.3165	\$0.3149	\$353.00	\$8.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.82	\$361.82
Base Delivery Revenue Total	\$114.33	\$150.86	\$169.12	\$199.35	\$188.02	\$154.95	\$976.64	\$112.76	\$83.31	\$67.37	\$64.56	\$65.50	\$69.25	\$462.75	\$1,439.39
Seasonal Base Delivery Difference from previous year							\$-5.58							\$17.52	\$11.94
Seasonal Percent Change from previous year							-0.6%							3.9%	0.8%
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COG Rates	\$1.8941	\$1.8941	\$1.8941	\$1.8941	\$1.8941	\$1.8941	\$1.8941	\$1.1821	\$1.2665	\$1.4680	\$1.4680	\$1.3440	\$1.3440	\$1.2675	
Cost of Gas Total	\$251.92	\$471.63	\$581.49	\$763.32	\$695.13	\$496.25	\$3,259.74	\$151.31	\$70.92	\$32.30	\$23.49	\$24.19	\$34.94	\$337.15	\$3,596.89
Seasonal COG Difference from previous year							\$1,464.16							\$0.00	\$1,464.16
Seasonal Percent Change from previous year							81.5%							0.0%	68.7%
LDAC Rates	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	
LDAC Total	\$11.68	\$21.86	\$26.95	\$35.38	\$32.22	\$23.00	\$151.09	\$11.24	\$4.92	\$1.93	\$1.40	\$1.58	\$2.28	\$23.35	\$174.44
Seasonal LDAC Difference from previous year							\$55.57							\$8.59	\$1,464.16
Seasonal Percent Change from previous year							58.2%							58.2%	68.7%
Total Bill	\$378	\$644	\$778	\$998	\$915	\$674	\$4,387	\$275	\$159	\$102	\$89	\$91	\$106	\$823	\$5,211
Seasonal Total Bill Difference from previous year							\$1,514.16							\$26.10	\$1,540.26
Seasonal Percent Change from previous year							52.7%							3.3%	42.0%
Seasonal Percent Change resulting from Base Rates (incl. Def. Revenue Surch.)							-0.2%							2.2%	0.3%
Seasonal Percent Change resulting from COG							51.0%							0.0%	39.9%
Seasonal Percent Change resulting from LDAC							1.9%							1.1%	39.9%

LIBERTY - KEENE DIVISION
Typical Commercial Bill - Non-Fixed Price Option Program
Forecasted 2021-2022 Winter Period vs. Actual 2020-2021 Winter Period

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Winter Nov-Apr	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Summer May-Oct	Total Nov-Oct
12 MONTHS ENDED 10/31/2021															
Typical Usage - therms	133	249	307	403	367	262	1,721	128	56	22	16	18	26	266	1,987
Commercial G-41															
Customer Charge	\$57.46	\$57.46	\$57.46	\$57.46	\$57.46	\$57.46	\$344.76	\$57.46	\$57.46	\$57.46	\$57.06	\$57.06	\$57.06	\$343.56	\$688.32
Delivery Charge:															
First 100 therms @	\$0.4711	\$0.4711	\$0.4711	\$0.4711	\$0.4711	\$0.4711	\$282.66	\$9.42	\$9.42	\$9.42	\$7.50	\$8.44	\$9.38	\$53.58	\$336.24
Over 100 therms @	\$0.3165	\$0.3165	\$0.3165	\$0.3165	\$0.3165	\$0.3165	\$354.80	\$34.18	\$11.39	\$0.63	\$0.00	\$0.00	\$1.89	\$48.09	\$402.89
Base Delivery Revenue Total	\$115.01	\$151.73	\$170.09	\$200.47	\$189.08	\$155.84	\$982.22	\$101.06	\$78.27	\$67.51	\$64.56	\$65.50	\$68.33	\$445.23	\$1,427.45
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COG Rates	\$0.9492	\$0.9492	\$0.9686	\$0.9352	\$0.6906	\$0.4408	\$0.8168	\$1.1821	\$1.2665	\$1.4680	\$1.4680	\$1.3440	\$1.3440	\$1.2675	
Cost of Gas Total	\$126.24	\$236.35	\$297.36	\$376.89	\$253.45	\$115.49	\$1,405.78	\$151.31	\$70.92	\$32.30	\$23.49	\$24.19	\$34.94	\$337.15	\$1,742.93
LDAC Rates	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	\$0.0555	-\$7.3520
LDAC Total	\$7.38	\$13.82	\$17.04	\$22.37	\$20.37	\$14.54	\$95.52	\$7.10	\$3.11	\$1.22	\$0.89	\$1.00	\$1.44	\$14.76	\$110.28
Total Bill	\$249	\$402	\$484	\$600	\$463	\$286	\$2,484	\$259	\$152	\$101	\$89	\$91	\$105	\$797	\$3,281
12 MONTHS ENDED 10/31/2022															
Typical Usage - therms	133	249	307	403	367	262	1,721	128	56	22	16	18	26	266	1,987
Commercial G-41															
Customer Charge	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$342.36	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$57.06	\$342.36	\$684.72
Delivery Charge:															
First 100 therms @	\$0.4711	\$0.4711	\$0.4688	\$0.4688	\$0.4688	\$0.4688	\$281.28	\$46.88	\$26.25	\$10.31	\$7.50	\$8.44	\$12.19	\$111.57	\$392.85
Over 100 therms @	\$0.3165	\$0.3165	\$0.3149	\$0.3149	\$0.3149	\$0.3149	\$353.00	\$8.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8.82	\$361.82
Base Delivery Revenue Total	\$114.33	\$150.86	\$169.12	\$199.35	\$188.02	\$154.95	\$976.64	\$112.76	\$83.31	\$67.37	\$64.56	\$65.50	\$69.25	\$462.75	\$1,439.39
Seasonal Base Delivery Difference from previous year							-\$5.58							\$17.52	\$11.94
Seasonal Percent Change from previous year							-0.6%							3.9%	0.8%
Deferred Revenue Surcharge Rate	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Deferred Revenue Surcharge Total	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COG Rates	\$1.9868	\$1.9868	\$1.9868	\$1.9868	\$1.9868	\$1.9868	\$1.9868	\$1.1821	\$1.2665	\$1.4680	\$1.4680	\$1.3440	\$1.3440	\$1.2675	
Cost of Gas Total	\$264.24	\$494.71	\$609.95	\$800.68	\$729.16	\$520.54	\$3,419.28	\$151.31	\$70.92	\$32.30	\$23.49	\$24.19	\$34.94	\$337.15	\$3,756.43
Seasonal COG Difference from previous year							\$2,013.50							\$0.00	\$2,013.50
Seasonal Percent Change from previous year							143.2%							0.0%	115.5%
LDAC Rates	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	\$0.0878	
LDAC Total	\$11.68	\$21.86	\$26.95	\$35.38	\$32.22	\$23.00	\$151.09	\$11.24	\$4.92	\$1.93	\$1.40	\$1.58	\$2.28	\$23.35	\$174.44
Seasonal LDAC Difference from previous year							\$55.57							\$8.59	\$64.16
Seasonal Percent Change from previous year							58.2%							58.2%	58.2%
Total Bill	\$390	\$667	\$806	\$1,035	\$949	\$698	\$4,547	\$275	\$159	\$102	\$89	\$91	\$106	\$823	\$5,370
Seasonal Total Bill Difference from previous year							\$2,063.49							\$26.11	\$2,089.60
Seasonal Percent Change from previous year							83.1%							3.3%	63.7%
Seasonal Percent Change resulting from Base Rates (incl. Def. Revenue Surch.)							-0.2%							2.2%	0.4%
Seasonal Percent Change resulting from COG							2.2%							0.0%	61.4%
Seasonal Percent Change resulting from LDAC							6.1%							1.1%	2.0%

LIBERTY - KEENE DIVISION									
Historical COG Comparison - FPO vs. Non-FPO Bill									
Winter Period	FPO Rate	Amount of Premium	Percent Participation (therms)	Actual FPO Volumes	Premium Revenue	Typical Residential FPO bill	Average Non-FPO Rate	Typical Residential Non-FPO bill	Cost/(Savings) to FPO Customers
2020-2021	\$0.0000	\$0.56	#DIV/0!	0	\$0	\$0	#DIV/0!	#DIV/0!	#DIV/0!
2019-2020	\$0.9692	\$0.02	7.08%	74,930	\$1,499	\$433	\$0.9085	\$406	\$27
2018-2019	\$1.3743	(\$0.01)	15.64%	181,485	-\$1,071	\$614	\$1.4301	\$639	(\$25)
2017-2018	\$1.2408	\$0.02	20.14%	221,383	\$4,428	\$527	\$1.4053	\$597	(\$70)
2016-2017	\$1.5352	\$0.02	19.32%	201,959	\$4,039	\$863	\$1.5247	\$900	(\$37)
2015-2016	\$0.8988	\$0.02	24.54%	224,981	\$4,500	\$480	\$0.6620	\$354	\$126
2014-2015	\$1.7269	\$0.02	32.16%	384,297	\$7,686	\$929	\$1.4213	\$765	\$164
2013-2014	\$1.6985	\$0.02	17.94%	206,379	\$4,128	\$914	\$2.0092	\$1,081	(\$167)
2012-2013	\$1.5217	\$0.02	20.81%	207,298	\$4,146	\$819	\$1.5002	\$807	\$12
2011-2012	\$2.2357	\$0.02	18.21%	152,560	\$3,051	\$1,203	\$2.1253	\$1,143	\$59
2010-2011	----- FPO not offered due to Selkirk terminal embargo -----								
2009-2010	\$1.3402	\$0.02	17.12%	163,486	\$3,270	\$721	\$1.4900	\$802	(\$81)
2008-2009	\$2.2408	\$0.02	21.08%	205,970	\$4,119	\$1,206	\$1.7347	\$933	\$272
2007-2008	\$1.5212	\$0.02	28.01%	266,419	\$5,328	\$818	\$1.7646	\$949	(\$131)
2006-2007	\$1.4741	\$0.02	21.86%	206,686	\$4,134	\$793	\$1.5397	\$828	(\$35)
2005-2006	\$1.5260	\$0.02	42.91%	348,849	\$6,977	\$821	\$1.3742	\$739	\$82
2004-2005	\$1.2323	n/a	39.44%	340,315	n/a	\$663	\$1.2647	\$680	(\$17)
2003-2004	\$0.8877	n/a	38.78%	316,300	n/a	\$478	\$1.0325	\$555	(\$78)
Average						\$790		\$785	\$5

LIBERTY - KEENE DIVISION
 PROJECTED INCREMENTAL SAVINGS CNG VS. SPOT PROPANE Winter 2021-2022

	Projected Nov-21	Projected Dec-21	Projected Jan-22	Projected Feb-22	Projected Mar-22	Projected Apr-22	
CNG PURCHASES							
CNG Volumes (Schedule C Filing)	[REDACTED]						
CNG Costs (Schedule C Filing)	[REDACTED]						
Total Cost per Actual CNG Costs (Schedule C Filing)	[REDACTED]						
CNG Cost Per Therm Actual	[REDACTED]						
SPOT PROPANE PURCHASES							
Spot Propane Volumes (Schedule C Reconciliation)	36,274	33,429	22,674	39,469	52,978	28,406	213,230
Total Costs Spot Propane	\$ 73,223	\$ 67,435	\$ 45,630	\$ 77,570	\$ 97,243	\$ 48,589	\$ 409,690
Total Cost Spot Propane	\$ 73,223	\$ 67,435	\$ 45,630	\$ 77,570	\$ 97,243	\$ 48,589	\$ 409,690
Spot Propane Cost Per Therm Actual	\$ 2.0186	\$ 2.0172	\$ 2.0124	\$ 1.9653	\$ 1.8355	\$ 1.7105	
CNG Volumes	[REDACTED]						
Price difference CNG vs Spot Propane	[REDACTED]						
Adj. for rounding	[REDACTED]						
Incremental Costs Propane	[REDACTED]						
							\$0.0000
							(\$37,737)
							100% 1
							Allowed Recoverable Savings \$ (37,737)

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CNG Incremental Cost/Saving Risk Sharing - 50% Shareholder/Customers						
Incremental CNG Supply Costs - Winter 2019 - Winter 2021						
COG Period	Year	Actual / Estimate	Amount	50% Recovery	Deferred	(Refund)/Charge
Winter	2019-20	Actuals	\$132,469	\$66,235	\$132,533	\$66,299
Winter	2020-21	Actuals	\$44,016	\$22,008	\$0	-\$22,008
Total Costs						\$44,291

LIBERTY - KEENE DIVISION
ACTUAL INCREMENTAL COSTS INC ADJUSTMENT FOR MARKETER BASIS CHARGE DISPUTE CNG VS. SPOT PROPANE Winter 2019-2020
Per Exhibit 12 in 20-152 (Data Request Staff 1-6)

	Actual Nov-19	Actual Dec-19	Actual Jan-20	Actual Feb-20	Actual Mar-20	Actual Apr-20	
CNG PURCHASES							
CNG Volumes (Schedule C Reconciliation excluding Marketer Basis Charge dispute which has since been settled)	[REDACTED]						
CNG Costs (Schedule C Reconciliation excluding Marketer Basis Charge dispute which has since been settled)	[REDACTED]						
Total Cost per Actual CNG Costs (Schedule C Reconciliation excluding Marketer Basis Charge dispute which has since been settled)	[REDACTED]						
CNG Cost Per Therm Actual	[REDACTED]						
SPOT PROPANE PURCHASES							
Spot Propane Volumes (Schedule C Reconciliation)	63,040	53,014	12,977	35,388	36,658	26,219	227,296
Total Costs Spot Propane	\$63,622	\$52,631	\$11,473	\$29,830	\$22,695	\$21,080	\$201,331
Total Cost Spot Propane	\$63,622	\$52,631	\$11,473	\$29,830	\$22,695	\$21,080	\$201,331
Spot Propane Cost Per Therm Actual	\$1.0092	\$0.9928	\$0.8841	\$0.8429	\$0.6191	\$0.8040	
CNG Volumes	[REDACTED]						
Price difference CNG vs Spot Propane	[REDACTED]						
Adj. for rounding	[REDACTED]						
Incremental Costs Propane	\$17,857	\$22,890	\$31,169	\$20,980	\$22,764	\$16,809	\$132,469
						Divided by 2	<u>2</u>
						Allowed Recoverable Costs	\$ 66,235

LIBERTY - KEENE DIVISION
INCREMENTAL COSTS CNG VS. SPOT PROPANE WINTER 2020-2021
ACTUALS

	Actual Nov-20	Actual Dec-20	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	
CNG PURCHASES							
CNG Volumes (Schedule C Reconciliation)	[REDACTED]						
CNG Costs (Schedule C Reconciliation)	[REDACTED]						
Total Cost per Actual CNG Costs (Schedule C Reconciliation)	[REDACTED]						
CNG Cost Per Therm Actual	[REDACTED]						
SPOT PROPANE PURCHASES							
Spot Propane Volumes (Schedule C Reconciliation)	54,965	33,171	11,820	49,650	55,586	5,890	211,082
Total Costs Spot Propane	\$54,990	\$40,630	\$17,078	\$77,800	\$77,099	\$8,055	\$275,651
Total Cost Spot Propane	\$54,990	\$40,630	\$17,078	\$77,800	\$77,099	\$8,055	\$275,651
Spot Propane Cost Per Therm Actual	\$1.0005	\$1.2249	\$1.4448	\$1.5670	\$1.3870	\$1.3675	\$1.3059
CNG Volumes	[REDACTED]						
Price difference CNG vs Spot Propane	[REDACTED]						
Adj. for rounding	[REDACTED]						
Incremental Costs Propane	[REDACTED]						
						Divided by 2	<u>2</u>
						Allowed Recoverable Costs	\$ 22,008

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MONT BELVIEU PROPANE FUTURES - 10/12/21 CLOSE

MONT BELVIEU LDH PROPANE (OPIS) FUTURES - SETTLEMENTS

TRADE DATE **TUESDAY 12 OCT 2021**

FINAL DATA

Last Updated 12 Oct 2021 10:32:00 PM CT

ESTIMATED VOLUME TOTALS 8,998					PRIOR DAY OPEN INTEREST T	
MONTH	OPEN	HIGH	LOW	LAST	CHANGE	SETTLE
OCT 21	-	-	-	-	-.01345	1.45991
NOV 21	1.45500	1.45500	1.45500	1.45500	-.02062	1.45188
DEC 21	-	-	-	-	-.02187	1.45063
JAN 22	-	-	-	-	-.02375	1.44625
FEB 22	-	-	-	-	-.02437	1.40313
MAR 22	-	-	-	-	-.02312	1.28438
APR 22	-	-	-	-	-.02063	1.17000
MAY 22	-	-	-	-	-.01938	1.10000
JUN 22	-	-	-	-	-.01937	1.05438
JULY 22	-	-	-	-	-.01813	1.04000
AUG 22	-	-	-	-	-.01813	1.03625
SEP 22	-	-	-	-	-.01875	1.03500

ENTERPRISE TE PRODUCTS PIPELINE FERC TARIFF 54.44.0 - EFFECTIVE 7/1/21

RATES (In Cents-per-bbl.)

[U] All rates are unchanged.

ITEM NO. 135		Non-Incentive Rates for Propane		
Destination	Origin			
	Floreffe Junction (Allegheny Co., PA)	Mont Belvieu (Chambers Co., TX)	Tappan Lake (Harrison Co., OH), Todhunter (Butler Co., OH) & Follansbee (Brooke Co., West Virginia)	
Coshocton (Coshocton Co., OH)	--	739.66	--	
Dexter (Stoddard Co., MO)	--	351.45	--	
Du Bois (Clearfield Co., PA)	397.30 (1)(2)	821.14 (1)	397.30 (1)	
Fontaine (Green Co., AR)	--	330.18	--	
Greensburg (Westmoreland Co., PA)	397.30 (1)(2)	774.94 (1)	397.30 (1)	
Harford Mills (Cortland Co., NY)	558.24 (1)	875.81 (1)	581.18 (1)	
Lebanon (Boone Co., IN)	--	414.48 (4)	--	
Oneonta (Otsego Co., NY)	604.30	946.36 (1)	623.79 (1)	
Princeton (Gibson Co., IN)	--	451.17	--	
Schaefferstown (Lebanon Co., PA)	585.78 (2)	885.22	578.01	
Selkirk (Albany Co., NY)	655.65	1006.24 (1)	657.36 (1)	
Seymour (Jackson Co., IN)	--	393.85	--	
Sinking Spring (Berks Co., PA)	585.78 (2)	885.22	578.01	
Todhunter Truck Terminal (Butler Co., OH)	--	662.77	--	
Twin Oaks (Delaware Co., PA)	720.92 (2) (3)	--	720.92 (3)	
Watkins Glen (Schuyler Co., NY)	537.32 (1)	831.02 (1)	561.74 (1)	
West Memphis (Crittenden Co., AR)	--	351.45 (4)	--	
Monee (Will Co., IL)		1490.88 (7)		

Northern Gas Transport, Inc.
Box 106
Lyndonville, VT 05851-0106
1-800-648-1075
FAX: 802-626-5039

August 10, 2021

To: All Customers

Re: Fuel Surcharge Notice

As of Monday August 9, 2021 the Department of Energy New England average price per gallon of diesel fuel was \$3.262. All deliveries invoiced from Sunday, August 15, 2021 through Saturday, August 21, 2021 will be line item assessed at 11% fuel surcharge. Thank you and should you have any questions, please contact Susan Noyes at 1-800-648-1075 extension 223.

Best Regards,

Bruce Grant
President/Owner

Northern Gas Transport Inc. - Selkirk to Keene

Gallons	Base Rate	Base Charge	Fuel Surcharge		Total Charge	Total Rate Per Gallon
			Rate	Surcharge		
9,200	\$0.0865	\$795.80	1.00%	\$7.96	\$803.76	\$0.0874
9,200	\$0.0865	\$795.80	2.00%	\$15.92	\$811.72	\$0.0882
9,200	\$0.0865	\$795.80	2.50%	\$19.90	\$815.70	\$0.0887
9,200	\$0.0865	\$795.80	3.00%	\$23.87	\$819.67	\$0.0891
9,200	\$0.0865	\$795.80	3.50%	\$27.85	\$823.65	\$0.0895
9,200	\$0.0865	\$795.80	4.00%	\$31.83	\$827.63	\$0.0900
9,200	\$0.0865	\$795.80	4.50%	\$35.81	\$831.61	\$0.0904
9,200	\$0.0865	\$795.80	5.00%	\$39.79	\$835.59	\$0.0908
9,200	\$0.0865	\$795.80	5.50%	\$43.77	\$839.57	\$0.0913
9,200	\$0.0865	\$795.80	6.00%	\$47.75	\$843.55	\$0.0917
9,200	\$0.0865	\$795.80	6.50%	\$51.73	\$847.53	\$0.0921
9,200	\$0.0865	\$795.80	7.00%	\$55.71	\$851.51	\$0.0926
9,200	\$0.0865	\$795.80	7.50%	\$59.69	\$855.49	\$0.0930
9,200	\$0.0865	\$795.80	8.00%	\$63.66	\$859.46	\$0.0934
9,200	\$0.0865	\$795.80	8.50%	\$67.64	\$863.44	\$0.0939
9,200	\$0.0865	\$795.80	9.00%	\$71.62	\$867.42	\$0.0943
9,200	\$0.0865	\$795.80	9.50%	\$75.60	\$871.40	\$0.0947
9,200	\$0.0865	\$795.80	10.00%	\$79.58	\$875.38	\$0.0952
9,200	\$0.0865	\$795.80	10.50%	\$83.56	\$879.36	\$0.0956
9,200	\$0.0865	\$795.80	11.00%	\$87.54	\$883.34	\$0.0960
9,200	\$0.0865	\$795.80	11.50%	\$91.52	\$887.32	\$0.0964
9,200	\$0.0865	\$795.80	12.00%	\$95.50	\$891.30	\$0.0969
9,200	\$0.0865	\$795.80	12.50%	\$99.48	\$895.28	\$0.0973
9,200	\$0.0865	\$795.80	13.00%	\$103.45	\$899.25	\$0.0977
9,200	\$0.0865	\$795.80	13.50%	\$107.43	\$903.23	\$0.0982
9,200	\$0.0865	\$795.80	14.00%	\$111.41	\$907.21	\$0.0986
9,200	\$0.0865	\$795.80	14.50%	\$115.39	\$911.19	\$0.0990
9,200	\$0.0865	\$795.80	15.00%	\$119.37	\$915.17	\$0.0995
9,200	\$0.0865	\$795.80	15.50%	\$123.35	\$919.15	\$0.0999
9,200	\$0.0865	\$795.80	16.00%	\$127.33	\$923.13	\$0.1003
9,200	\$0.0865	\$795.80	16.50%	\$131.31	\$927.11	\$0.1008
9,200	\$0.0865	\$795.80	17.00%	\$135.29	\$931.09	\$0.1012
9,200	\$0.0865	\$795.80	17.50%	\$139.27	\$935.07	\$0.1016
9,200	\$0.0865	\$795.80	18.00%	\$143.24	\$939.04	\$0.1021
9,200	\$0.0865	\$795.80	18.50%	\$147.22	\$943.02	\$0.1025
9,200	\$0.0865	\$795.80	19.00%	\$151.20	\$947.00	\$0.1029
9,200	\$0.0865	\$795.80	19.50%	\$155.18	\$950.98	\$0.1034
9,200	\$0.0865	\$795.80	20.00%	\$159.16	\$954.96	\$0.1038
9,200	\$0.0865	\$795.80	20.50%	\$163.14	\$958.94	\$0.1042
9,200	\$0.0865	\$795.80	21.00%	\$167.12	\$962.92	\$0.1047
9,200	\$0.0865	\$795.80	21.50%	\$171.10	\$966.90	\$0.1051
9,200	\$0.0865	\$795.80	22.00%	\$175.08	\$970.88	\$0.1055
9,200	\$0.0865	\$795.80	22.50%	\$179.06	\$974.86	\$0.1060
9,200	\$0.0865	\$795.80	23.00%	\$183.03	\$978.83	\$0.1064
9,200	\$0.0865	\$795.80	23.50%	\$187.01	\$982.81	\$0.1068
9,200	\$0.0865	\$795.80	24.00%	\$190.99	\$0.14	\$0.0000
9,200	\$0.0865	\$795.80	24.50%	\$194.97	\$990.77	\$0.1077
9,200	\$0.0865	\$795.80	25.00%	\$198.95	\$994.75	\$0.1081
9,200	\$0.0865	\$795.80	25.50%	\$202.93	\$998.73	\$0.1086
9,200	\$0.0865	\$795.80	26.00%	\$206.91	\$1,002.71	\$0.1090
9,200	\$0.0865	\$795.80	26.50%	\$210.89	\$1,006.69	\$0.1094
9,200	\$0.0865	\$795.80	27.00%	\$214.87	\$1,010.67	\$0.1099
9,200	\$0.0865	\$795.80	27.50%	\$218.85	\$1,014.65	\$0.1103
9,200	\$0.0865	\$795.80	28.00%	\$222.82	\$1,018.62	\$0.1107
9,200	\$0.0865	\$795.80	28.50%	\$226.80	\$1,022.60	\$0.1112
9,200	\$0.0865	\$795.80	29.00%	\$230.78	\$1,026.58	\$0.1116
9,200	\$0.0865	\$795.80	29.50%	\$234.76	\$1,030.56	\$0.1120
9,200	\$0.0865	\$795.80	30.00%	\$238.74	\$1,034.54	\$0.1125
9,200	\$0.0865	\$795.80	30.50%	\$242.72	\$1,038.52	\$0.1129
9,200	\$0.0865	\$795.80	31.00%	\$246.70	\$1,042.50	\$0.1133
9,200	\$0.0865	\$795.80	31.50%	\$250.68	\$1,046.48	\$0.1137
9,200	\$0.0865	\$795.80	32.00%	\$254.66	\$1,050.46	\$0.1142
9,200	\$0.0865	\$795.80	32.50%	\$258.64	\$1,054.44	\$0.1146
9,200	\$0.0865	\$795.80	33.00%	\$262.61	\$1,058.41	\$0.1150
9,200	\$0.0865	\$795.80	33.50%	\$266.59	\$1,062.39	\$0.1155
9,200	\$0.0865	\$795.80	34.00%	\$270.57	\$1,066.37	\$0.1159
9,200	\$0.0865	\$795.80	34.50%	\$274.55	\$1,070.35	\$0.1163
9,200	\$0.0865	\$795.80	35.00%	\$278.53	\$1,074.33	\$0.1168
9,200	\$0.0865	\$795.80	35.50%	\$282.51	\$1,078.31	\$0.1172
9,200	\$0.0865	\$795.80	36.00%	\$286.49	\$1,082.29	\$0.1176
9,200	\$0.0865	\$795.80	36.50%	\$290.47	\$1,086.27	\$0.1181
9,200	\$0.0865	\$795.80	37.00%	\$294.45	\$1,090.25	\$0.1185
9,200	\$0.0865	\$795.80	37.50%	\$298.43	\$1,094.23	\$0.1189
9,200	\$0.0865	\$795.80	38.00%	\$302.40	\$1,098.20	\$0.1194
9,200	\$0.0865	\$795.80	38.50%	\$306.38	\$1,102.18	\$0.1198
9,200	\$0.0865	\$795.80	39.00%	\$310.36	\$1,106.16	\$0.1202
9,200	\$0.0865	\$795.80	39.50%	\$314.34	\$1,110.14	\$0.1207
9,200	\$0.0865	\$795.80	40.00%	\$318.32	\$1,114.12	\$0.1211

Summary of Changes to the COG rates from the Original filing to the Updated Filing

	Non-FPO Rate	Rate Impact	FPO Rate	Rate Impact	GAP Non- FPO Rate	Change	GAP FPO Rate	Change
Original filing submitted on September 15, 2021	\$ 1.8741		\$ 1.8941		\$ 1.0308		\$ 1.0418	
Update to Schedule I cells M15-M20 to correct formula. This # was hardcoded and should have been a formula using cell M10.	\$ 1.8668	\$ (0.0073)	\$ 1.8941	\$ -	\$ 1.0267	\$ (0.0041)	\$ 1.0418	\$ -
Updated Pricing	\$ 1.9166	\$ 0.0498	\$ 1.8941	\$ -	\$ 1.0541	\$ 0.0274	\$ 1.0418	\$ -
1. Schedule C Pricing. This is formula driven. Updated includes 1. <u>Spot propane</u> , 2. <u>PPSP price</u> and 3. <u>CNG pricing</u> (all updated pricing as of 10/12/21).								
2. Schedule D Hedging. We only had estimate for September. Column Q was updated with actual price for September.								
3. Schedule E Futures. Column C updated as of 10/12/21.								
4. Appendix 1 – Mont Belvieu settled prices as of 10/12/21.								
Updated Schedule B to include the collection of the projected incremental savings of \$37,737	\$ 1.9511	\$ 0.0345			\$ 1.0731	\$ 0.0190		
Updated Interest on Schedule B	\$ 1.9868	\$ 0.0357	\$ 1.8941	\$ -	\$ 1.0927	\$ 0.0196	\$ 1.0418	\$ -
Hard coded the FPO rate on Tariff Page 97 to match the FPO rate in the original filing.			\$ 1.8941	\$ -			\$ 1.0418	\$ -
Updated filing submitted on October 18, 2021	\$ 1.9868	\$ 0.1127	\$ 1.8941	\$ -	\$ 1.0927	\$ 0.0619	\$ 1.0418	\$ -
Total Rate Change	\$ 0.1127	\$ 0.1127	\$ -	\$ -	\$ 0.0619	\$ 0.0619	\$ -	\$ -

In addition to the above changes to the COG rates, the following changes were made to the LDAC rates to reflect the changes to the LDAC rates to be included in the October 19, 2021, updated filing in Docket No. DG 21-130, EnergyNorth's COG/LDAC proceeding:

	Residential LDAC	Commerical/ Industrial LDAC
Original Filing September 15, 2021	\$ 0.1733	\$ 0.0860
Updated Filing October 18, 2021	\$ 0.1444	\$ 0.0878
Total LDAC Change	\$ (0.0289)	\$ 0.0018

While the changes to the LDAC are not at issue in this proceeding, they do impact the following Tariff Pages/Schedules:

- Tariff Page 88
- Bill Impact Schedules K-1, K-2, L-1, and L-2