



FILED ELECTRONICALLY

October 8, 2021

Dianne Martin
Chairwoman
New Hampshire Public Utilities Commission
21 S. Fruit St., Suite 10
Concord, New Hampshire 03301

Re: **Northern Utilities, Inc. - DG 21-131, 2021 / 2022 Annual Cost of Gas and Associated Charges Filing, Supplemental Filing**

Dear Chairwoman Martin,

Please find enclosed Northern Utilities, Inc. (“Northern” or the “Company”) Supplemental 2021 / 2022 Annual Cost of Gas (“COG”) Adjustment filing. This filing includes the supplemental testimony of Francis Wells regarding recent price volatility and the Company’s actions to help insulate Northern’s customers from large increases in NYMEX prices. Attachments NUI-FXW-20 through 22 help illustrate the Company’s plan for mitigating price volatility during the 2021-2022 Winter Season.

In addition, Northern has revised the Conversion Rate as shown on tariff page Fourth Revised Page 158. This rate was revised to better reflect current market prices in northern New England and is also discussed in the testimony of Mr. Wells. Support for the revised Conversion Rate is provided in Revised Attachment NUI-FXW-11.

In accordance with the Commission’s temporary moratorium on paper filings, the Company is submitting these tariff pages only in electronic format.

If you have any questions or need additional information, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Patrick H. Taylor".

Patrick H. Taylor
Attorney for Northern Utilities, Inc.

Patrick Taylor
Senior Counsel
taylorp@unitil.com

6 Liberty Lane West
Hampton, NH 03842

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, 2021 through April 30, 2022 and May 1, 2022 through October 2022.

Effective Dates:	November 1, 2021 – April 30, 2022	May 1, 2022 – October 30, 2022
Re-entry Surcharge:	\$0.000 per therm	\$0.0000 per therm
Conversion Surcharge, Low Load Factor (G-40, G-41, G-42):	\$0.7543 per therm	\$0.0000 per therm
Conversion Surcharge, High Load Factor (G-50, G-51, G-52):	\$0.8641 per therm	\$0.0000 per therm

Issued: October 8, 2021
Effective: November 1, 2021

Issued by: Robert. B Hevert
Title: Senior Vice President

Authorized by NHPUC Order No. _____ in Docket No. DG 21- _____, 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:

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The following Re-entry Surcharge and Conversion Surcharge shall be applicable for the periods of November 1, ~~2020-2021~~ through April 30, ~~2021-2022~~ and May 1, ~~2021-2022~~ through October ~~2021-2022~~.

Effective Dates:	November 1, 2020<u>1</u> – April 30, 2021<u>2</u>	May 1, 2021<u>2</u> – October 30, 2021<u>2</u>
Re-entry Surcharge:	\$0. 0012-0000 per therm	\$0. 0011-0000 per therm
Conversion Surcharge, Low Load Factor (G-40, G-41, G-42):	\$0. 0012-7543 per therm	\$0. 0011-0000 per therm
Conversion Surcharge, High Load Factor (G-50, G-51, G-52):	\$0. 0984-8641 per therm	\$0. 0011-0000 per therm

Issued: ~~September 17~~October 8, ~~2020~~2021
Effective: November 1, ~~2020~~2021

Issued by: Robert B. Hevert
Title: Senior Vice President

Authorized by NHPUC Order No. in Docket No. DG ~~2021~~-, dated.

**SUPPLEMENTAL Prefiled Testimony of Francis X. Wells
Annual Period 2021-2022 COG Filing
Page 1 of 6**

**NORTHERN UTILITIES, INC.
NEW HAMPSHIRE DIVISION
ANNUAL PERIOD 2021-2022
COST OF GAS FILING**

**SUPPLEMENTAL PREFILED TESTIMONY OF
FRANCIS X. WELLS**

1 **Q. Please state your name and business address.**

2 A. My name is Francis X. Wells. My business address is 6 Liberty Lane West, Hampton,
3 NH.

4 **Q. What is your relationship with Northern Utilities, Inc.?**

5 A. I am employed by Unitil Service Corp. (the "Service Company") as Manager of Energy
6 Planning. The Service Company provides professional services to Northern Utilities, Inc.

7 **Q. Please briefly describe your educational and business experience.**

8 A. I earned my Bachelor of Arts Degree in both Economics and History from the
9 University of Maine in 1995. I joined the Service Company in September 1996 and
10 have worked primarily in the Energy Contracts department. My primary
11 responsibilities involve gas supply planning and acquisition.

12 **Q. Have you previously testified before the New Hampshire Public Utilities
13 Commission ("Commission")?**

14 A. Yes. I have testified as Northern's gas supply witness before the Commission in
15 Northern's Cost of Gas ("COG") proceedings.

16 **Q. Please explain the purpose of your supplemental prefiled testimony in this
17 proceeding.**

SUPPLEMENTAL Prefiled Testimony of Francis X. Wells
Annual Period 2021-2022 COG Filing
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1 A. The purpose of my supplemental prefiled testimony is to provide an update on the recent
2 volatility in NYMEX natural gas futures prices that has occurred since Northern
3 submitted its 2021-2022 Annual COG filing and to inform the Commission that Northern
4 has fixed the NYMEX price for a portion of its physical supply contracts to mitigate the
5 risk of NYMEX price spikes during the upcoming Winter Period. At the time of
6 Northern's Initial Filing in this 2021-2022 Annual Period COG, 40 percent of the
7 Company's projected supply volumes from November 2021 through March 2022 were
8 fixed relative to changes in NYMEX market pricing. Now that Northern has taken this
9 action, 70 percent of the Company's projected supply volumes from November 2021
10 through March 2022 are fixed relative to changes in NYMEX market pricing. These fixed
11 NYMEX prices are reflected in the updated commodity cost forecast I provide with this
12 Supplemental Prefiled Testimony.

13 **Q. Please provide an update on NYMEX natural gas futures prices since the Initial**
14 **Filing in this proceeding was made.**

15 A. Table 1, below provides monthly comparison of NYMEX natural gas futures settlement
16 prices as of September 14, 2021, which I used for the COG filing, and more recent
17 settlement prices as of September 30, 2021.

18

SUPPLEMENTAL Prefiled Testimony of Francis X. Wells
Annual Period 2021-2022 COG Filing
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Table 1. NYMEX Natural Gas Futures Settlement Prices				
Month	9/14/2021 (Used for Initial Filing)	9/30/2021	Change (\$ per Dth)	Percent Change
Nov-21	\$ 5.305	\$ 5.867	\$ 0.562	11%
Dec-21	\$ 5.398	\$ 5.991	\$ 0.593	11%
Jan-22	\$ 5.465	\$ 6.073	\$ 0.608	11%
Feb-22	\$ 5.370	\$ 5.951	\$ 0.581	11%
Mar-22	\$ 5.013	\$ 5.517	\$ 0.504	10%
Apr-22	\$ 3.939	\$ 3.996	\$ 0.057	1%
May-22	\$ 3.810	\$ 3.824	\$ 0.014	0%
Jun-22	\$ 3.839	\$ 3.855	\$ 0.016	0%
Jul-22	\$ 3.871	\$ 3.896	\$ 0.025	1%
Aug-22	\$ 3.879	\$ 3.903	\$ 0.024	1%
Sep-22	\$ 3.863	\$ 3.884	\$ 0.021	1%
Oct-22	\$ 3.890	\$ 3.913	\$ 0.023	1%

1

2

As one can see, prices for the November through March timeframe have increased 11 percent since September 14, 2021. Prices for April 2022 through October 2022 have increased approximately 1 percent since August 5, 2021.

3

4

5 **Q. Can you please explain the reasons for this increase in NYMEX natural gas futures**
6 **pricing?**

7 A. Factors that have led to the increase in NYMEX natural gas prices include lower
8 underground storage levels in North America, higher prices for LNG exports caused by
9 higher global LNG demand, and supply disruptions caused by Hurricane Ida.

10 Natural gas prices are now at levels not seen in several years, reflective of a tighter
11 balance between natural gas supply and demand, both in North America and globally.
12 Northern is concerned that any unexpected events, such as colder than normal weather
13 (like Winter Storm Uri last winter, which caused supply disruptions leading to high
14 natural gas prices in the Gulf of Mexico production area), could result in dramatic
15 increases in NYMEX that would result in extremely high and volatile natural gas prices,
16 reflective of scarcity of supply. This is a change from recent years, when Northern was
17 mostly concerned with the scarcity of pipeline capacity into New England and its effect

SUPPLEMENTAL Prefiled Testimony of Francis X. Wells
Annual Period 2021-2022 COG Filing
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1 on natural gas volatility. While the Company remains concerned with scarcity of pipeline
2 capacity into New England, current market conditions reflect a very tight balance
3 between natural gas supply and demand in the general market as well.

4 **Q. Please explain why Northern is concerned about this increase in NYMEX natural**
5 **gas futures prices.**

6 A. At the time the Company's COG filing was submitted, about 40 percent of Northern's
7 projected supply volumes from November 2021 through March 2022 was protected from
8 NYMEX prices volatility. Attachment NUI-FXW-20 shows whether each supply is a
9 variable priced supply or a fixed price supply and the monthly volumes for each supply
10 source. Variable priced supplies are exposed to NYMEX prices while fixed price
11 supplies will not be affected by changes in NYMEX prices. Fixed price supplies include
12 Union Dawn and Tennessee Storage inventory volumes and Peaking Contract 2. All
13 other supply sources are based on monthly or daily index prices. The top of Attachment
14 NUI-FXW-20 shows the sum of all variable priced supplies for which there is exposure to
15 high and volatile NYMEX pricing, the sum of all fixed price supplies and the percentage
16 that is fixed relative to NYMEX (which is the percentage of fixed price supplies of the
17 total projected requirement). The Company is concerned with the possibility that
18 volatility in the NYMEX could result in the need for significant mid-Winter Period COG
19 increases, dramatically increasing customer costs when their usage is at its highest.

20 **Q. What has Northern done to mitigate the risk of significant mid-Winter COG**
21 **increases?**

22 A. Northern has worked with two separate suppliers to modify the pricing structure of a
23 portion of its physical supply contracts to fix the NYMEX portion of the commodity price
24 for the November through March period. These supplies include 5,641 Dth per Day of
25 Tennessee Long-Haul, 1,251 Dth of Algonquin Receipts, 5,608 Dth of Iroquois Receipts

**SUPPLEMENTAL Prefiled Testimony of Francis X. Wells
Annual Period 2021-2022 COG Filing
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1 (totaling 12,500 Dth per Day) from November through March, 2,500 Dth per Day of
2 PNGTS Delivered Baseload and 7,500 Dth per Day of Dawn Hub from December
3 through February. The Company has not changed any of the basis prices to NYMEX¹ of
4 any of its physical supply contracts. Attachment NUI-FXW-21 provides updated
5 calculations of the percent of volumes fixed against NYMEX volatility, reflecting these
6 modifications. After the fixing of NYMEX prices, the percentage of volumes fixed against
7 NYMEX has increased to 70 percent. Attachment NUI-FXW-22 provides a list of the
8 fixed NYMEX priced supplies, including date and time of the transactions, supply source
9 and volume, term, fixed price and prices observed at the time of each transaction.

10 **Q. At this time, does Northern plan to take any actions to address price volatility in**
11 **the future?**

12 A. The Company will review its procurement process and determine what additional
13 measures may be needed for beyond the 2021-2022 Winter Period to protect against
14 volatility and high NYMEX natural gas futures prices.

15 **Q. Will the changes in physical supply prices discussed above be reflected in**
16 **Northern's proposed COG in this proceeding?**

17 A. The Company has determined that the impact of the changes in NYMEX prices and the
18 hedging activity since the Initial Filing that I describe above are not sufficient to warrant a
19 change to the proposed COG rates at this time. As always, the Company will reflect
20 these changes in its monthly COG filing process and make any necessary rate
21 adjustments.

¹ I refer to these as "Adders to NYMEX" in Attachment NUI-FXW-10 of my prefiled testimony.

SUPPLEMENTAL Prefiled Testimony of Francis X. Wells
Annual Period 2021-2022 COG Filing
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1 However, the Company does believe that market conditions have changed sufficiently to
2 warrant a change in the proposed Conversion surcharge, applicable to Capacity Exempt
3 customers who would switch to Sales Service provided by the Company. The increase
4 in this surcharge reflects higher prices for New England city-gate supplies than were
5 observed at the time of the Initial Filing in this proceeding. As such, I have provided a
6 REVISED Attachment NUI-FXW-11 (Re-entry and Conversion Rates), reflecting the
7 higher prices observed. While I provide this entire Attachment for continuity purposes,
8 only pages 2 and 3 have been marked as revised, since those affect the Conversion
9 Rate. The Company is not proposing a change to the Re-entry Rate that was proposed
10 in the Initial Filing.

11 **Q. Does this conclude your testimony?**

12 **A. Yes it does.**

Northern Utilities, Inc.							
Normal Year Weather - Sales Service and Company Managed Sales Load							
Commodity Volumes by Supply Source (Dth)							
November 2021 through March 2022							
	Variable NYMEX	1,029,431	1,118,692	1,296,666	971,509	1,072,233	5,488,530
	Fixed NYMEX	334,018	773,384	919,071	957,908	663,080	3,647,462
Description	Percent Fixed NYMEX NYMEX Pricing Type (Fixed or Variable)	24% Nov-21	41% Dec-21	41% Jan-22	50% Feb-22	38% Mar-22	40% Winter
Pipeline Supplies							
Tennessee Long-Haul Pipeline Path	Variable	281,181	316,267	264,227	240,554	280,537	1,382,765
Algonquin Receipts Pipeline Path	Variable	37,530	38,781	38,781	35,028	38,781	188,901
Iroquois Receipts Pipeline Path	Variable	187,431	193,679	193,679	174,936	193,679	943,403
Tennessee Niagara Pipeline Path	Variable	54,349	56,161	56,161	50,726	56,161	273,557
Atlantic Bridge Ramapo Pipeline Path	Variable	175,110	180,947	180,947	163,436	180,947	881,387
PXP Dawn Pipeline Path	Variable	227,792	240,125	240,125	216,887	240,125	1,165,054
Subtotal Pipeline		963,393	1,025,960	973,919	881,566	990,229	4,835,067
Underground Storage							
Tennessee Storage	Fixed	0	66,386	66,386	59,632	14,438	206,842
TGP Zone 4 300 Leg Supply	Variable	64,244	0	0	330	51,947	116,521
Tennessee FS-MA Storage Path		64,244	66,386	66,386	59,961	66,386	323,363
Union Dawn Storage	Fixed	334,018	664,818	747,767	810,716	584,350	3,141,670
Dawn Supply	Variable	0	0	0	7,166	27,942	35,108
Union Dawn Storage Path		334,018	664,818	747,767	817,882	612,292	3,176,778
Subtotal Storage		398,262	731,204	814,153	877,844	678,678	3,500,141
Peaking Supplies							
Lewiston LNG	Variable	1,794	1,854	1,854	1,674	1,854	9,030
PNGTS Delivered (Dec - Feb)	Variable	0	77,229	77,229	69,755	0	224,213
Peaking Contract 1	Variable	0	13,649	243,664	11,017	261	268,591
Peaking Contract 2	Fixed	0	42,181	104,918	87,560	64,291	298,950
Subtotal Peaking		1,794	134,913	427,664	170,007	66,406	800,784
Total Delivered (Dth)		1,363,449	1,892,076	2,215,737	1,929,417	1,735,313	9,135,992

Northern Utilities, Inc.							
Normal Year Weather - Sales Service and Company Managed Sales Load							
Commodity Volumes by Supply Source (Dth)							
November 2021 through March 2022							
	Variable NYMEX	654,431	421,463	599,437	341,754	684,733	2,701,818
	Fixed NYMEX	709,018	1,470,613	1,616,300	1,587,663	1,050,580	6,434,174
Description	Percent Fixed NYMEX NYMEX Pricing Type (Fixed or Variable)	52% Nov-21	78% Dec-21	73% Jan-22	82% Feb-22	61% Mar-22	70% Winter
Pipeline Supplies							
Tennessee Long-Haul Pipeline Path	Variable	111,951	141,396	89,356	82,606	105,666	530,974
Tennessee Long-Haul Pipeline Path	Fixed	169,230	174,871	174,871	157,948	174,871	851,791
Algonquin Receipts Pipeline Path	Fixed	37,530	38,781	38,781	35,028	38,781	188,901
Iroquois Receipts Pipeline Path	Variable	19,191	19,831	19,831	17,912	19,831	96,595
Iroquois Receipts Pipeline Path	Fixed	168,240	173,848	173,848	157,024	173,848	846,808
Tennessee Niagara Pipeline Path	Variable	54,349	56,161	56,161	50,726	56,161	273,557
Tennessee Niagara Pipeline Path	Fixed						0
Atlantic Bridge Ramapo Pipeline Path	Variable	175,110	180,947	180,947	163,436	180,947	881,387
PXP Dawn Pipeline Path	Variable	227,792	7,625	7,625	6,887	240,125	490,054
PXP Dawn Pipeline Path	Fixed		232,500	232,500	210,000		675,000
WXP Dawn Pipeline Path	Variable	0	0	0	0	0	0
Subtotal Pipeline		963,393	1,025,960	973,919	881,566	990,229	4,835,067
Underground Storage							
Tennessee Storage	Fixed	0	66,386	66,386	59,632	14,438	206,842
TGP Zone 4 300 Leg Supply	Variable	64,244	0	0	330	51,947	116,521
Tennessee FS-MA Storage Path		64,244	66,386	66,386	59,961	66,386	323,363
Union Dawn Storage	Fixed	334,018	664,818	747,767	810,716	584,350	3,141,670
Dawn Supply	Variable	0	0	0	7,166	27,942	35,108
Union Dawn Storage Path		334,018	664,818	747,767	817,882	612,292	3,176,778
Subtotal Storage		398,262	731,204	814,153	877,844	678,678	3,500,141
Peaking Supplies							
Lewiston LNG	Variable	1,794	1,854	1,854	1,674	1,854	9,030
PNGTS Delivered (Dec - Feb) - Hedged	Fixed	0	77,229	77,229	69,755	0	224,213
Peaking Contract 1	Variable	0	13,649	243,664	11,017	261	268,591
Peaking Contract 2	Fixed	0	42,181	104,918	87,560	64,291	298,950
Subtotal Peaking		1,794	134,913	427,664	170,007	66,406	800,784
Total Delivered (Dth)		1,363,449	1,892,076	2,215,737	1,929,417	1,735,313	9,135,992

Trade Date	Trade Time	Supply Source	Dth/Day	Term	Trade Price	Average NYMEX Price Observed @ Trade Time	NYMEX Prices Observed @ Trade Time				
							Nov-21	Dec-21	Jan-22	Feb-22	Mar-22
9/17/2021	12:59 PM	PNGTS Delivered	2,500	Dec 2021 - Feb 2022	\$ 5.40	\$ 5.397 N/A		\$ 5.375	\$ 5.451	\$ 5.364	N/A
9/17/2021	1:27 PM	Tennessee Long-Haul AMA	5,641	Nov 2021 - Mar 2022	\$ 5.27	\$ 5.292	\$ 5.263	\$ 5.377	\$ 5.450	\$ 5.367	\$ 5.003
9/17/2021	1:27 PM	Iroquois Receipts AMA	5,608	Nov 2021 - Mar 2022	\$ 5.27	\$ 5.292	\$ 5.263	\$ 5.377	\$ 5.450	\$ 5.367	\$ 5.003
9/17/2021	1:27 PM	Algonquin Receipts AMA	1,251	Nov 2021 - Mar 2022	\$ 5.27	\$ 5.292	\$ 5.263	\$ 5.377	\$ 5.450	\$ 5.367	\$ 5.003
9/21/2021	2:41 PM	Dawn Hub AMA	5,000	Dec 2021 - Feb 2022	\$ 4.98	\$ 4.958 N/A		\$ 4.941	\$ 5.007	\$ 4.925	N/A
9/22/2021	8:52 AM	Dawn Hub AMA	2,500	Dec 2021 - Feb 2022	\$ 4.98	\$ 4.970 N/A		\$ 4.949	\$ 5.020	\$ 4.942	N/A

Winter Period Re-Entry Surcharge Calculation
(Applicable to Capacity Assigned Customers Returning to Sales Service)

Line	Item	HLF (50, 51, 52)	LLF (40, 41, 42)	Weighted Average	Reference
1	Winter Demand Cost of Gas Rate	\$0.2543	\$0.3805	\$0.3379	Summary
2	Winter Commodity Cost of Gas Rate	\$0.5575	\$0.5411	\$0.5466	Summary
3	Winter Indirect Cost of Gas	\$0.0335	\$0.0335	\$0.0335	Summary, Removing any Prior Period Over-Collection or Supplier Refunds
4	Winter Cost of Gas Rate (Exclusive of Credits)	\$0.8453	\$0.9551	\$0.9180	Sum Lines 1 through 3
5	Winter Cost of Gas Rate for Incumbent Sales Customers	\$0.8453	\$0.9551	\$0.9180	Summary
6	Winter Re-Entry Surcharge	\$0.0000	\$0.0000	\$0.0000	Positive Difference between Line 4 and Line 5
7	Projected Sales (therms)	13,608,737	26,660,466	40,269,203	FXW-2 - Distribution Service Deliveries, excluding Special Contracts

Summer Period Re-Entry Surcharge & Conversion Surcharge Calculation
(Applicable to Capacity Assigned & Capacity Exempt Customers Returning to Sales Service)

Line	Item	HLF (50, 51, 52)	LLF (40, 41, 42)	Weighted Average	Reference
8	Summer Demand Cost of Gas Rate	\$0.1085	\$0.1789	\$0.1551	Summary
9	Summer Commodity Cost of Gas Rate	\$0.3515	\$0.3516	\$0.3516	Summary
10	Summer Indirect Cost of Gas	\$0.0141	\$0.0141	\$0.0141	Summary, Removing any Prior Period Over-Collection or Supplier Refunds
11	Summer Cost of Gas Rate (Exclusive of Credits)	\$0.4741	\$0.5446	\$0.5208	Sum Lines 8 through 10
12	Summer Cost of Gas Rate for Incumbent Sales Customers	\$0.4741	\$0.5446	\$0.5208	Summary
13	Summer Re-Entry Surcharge	\$0.0000	\$0.0000	\$0.0000	Positive Difference between Line 11 and Line 12
14	Projected Sales (therms)	11,439,284	6,075,647	17,514,931	FXW-2 - Distribution Service Deliveries, excluding Special Contracts

Winter Period Conversion Surcharge Calculation
(Applicable to Capacity Exempt Customers Returning to Sales Service)

Line	Item	HLF (50, 51, 52)	LLF (40, 41, 42)	Reference
1	LLF Winter Demand Cost of Gas Rate	\$0.3805	\$0.3805	Summary
2	LLF Winter Commodity Cost of Gas Rate	\$0.5411	\$0.5411	Summary
3	LLF Winter Indirect Cost of Gas	\$0.0335	\$0.0335	Summary, Removing any Prior Period Over-Collection or Supplier Refunds
4	Floor Price (LLF Winter Cost of Gas Rate, Exclusive of Credits)	\$0.9551	\$0.9551	Sum Lines 1 through 3.
5	Total Incremental Cost	\$1.7094	\$1.7094	See Line 15 of Incremental Commodity Price Worksheet
6	Total Conversion Rate	\$1.7094	\$1.7094	Maximum of Line 4 and Line 5
7	Winter Gas Adjustment Factor for Incumbent Sales Customers	\$0.8453	\$0.9551	Summary
8	Conversion Surcharge	\$0.8641	\$0.7543	Positive Difference between Line 6 and Line 7

Incremental Commodity Price Worksheet

10/6/2021 Settlement Prices

Line	Month	NYMEX	Projected PNGTS Delivered Basis	Projected FOM Index	Projected Non-Capacity Assigned Delivery Service Loads	Comments
1	Nov-21	\$ 5.675	\$ 4.254	\$ 9.929	227,140	
2	Dec-21	\$ 5.803	\$ 13.479	\$ 19.282	231,339	
3	Jan-22	\$ 5.888	\$ 17.574	\$ 23.462	256,763	
4	Feb-22	\$ 5.787	\$ 17.374	\$ 23.161	242,833	
5	Mar-22	\$ 5.437	\$ 7.479	\$ 12.916	255,609	
6	Apr-22	\$ 3.997	\$ 1.682	\$ 5.679	232,427	
7	Winter Period Weighed Average Baseload Price (\$/Dth)			\$ 15.895	1,446,111	Average, Weighted by Loads, Lines 1 through 6
8	Load Shape Price Factor			1.046		See Load Shape Price Factor Worksheet
9	Winter Period Incremental Load Shape Price (\$/Dth)			\$ 16.626		Line 7 times Line 8
10	Granite Fuel			0.35%		Granite Tariff
11	Granite Variable Transport (\$/Dth)			\$ 0.1955		Granite Tariff (IT Daily Rate plus ACA)
12	Northern City-Gate Price (\$/Dth)			\$ 16.880		Line 9 times (1 plus Line 10) plus Line 11
13	New Hampshire Division City-Gate Sendout to Sales Ratio			1.0127		See FXW-2
14	Northern Retail Meter Price (\$/Dth)			\$ 17.094		Line 12 times Line 13
15	Northern Retail Meter Price (\$/therm)			\$ 1.7094		Line 14 divided by 10

Load Shape Price Factor Worksheet

Month	Date	Historic Delivery Service Loads			Delivery Service Loads Not Subject to Capacity Assignment			2020-2021 Cost Analysis	
		Capacity Exempt	Capacity Assigned	Total	Capacity Exempt	Capacity Assigned	Total	AGT City-Gate Price	AGT City-Gate Cost
Nov-20	11/1/2020	5,214	5,687	10,901	5,214	-	5,214	\$ 3.540	\$ 18,458
Nov-20	11/2/2020	7,917	7,680	15,597	7,917	-	7,917	\$ 3.540	\$ 28,026
Nov-20	11/3/2020	8,861	7,600	16,461	8,861	-	8,861	\$ 3.870	\$ 34,292
Nov-20	11/4/2020	8,610	6,394	15,004	8,610	-	8,610	\$ 2.150	\$ 18,512
Nov-20	11/5/2020	7,067	3,727	10,794	7,067	-	7,067	\$ 0.840	\$ 5,936
Nov-20	11/6/2020	6,242	3,333	9,575	6,242	-	6,242	\$ 0.775	\$ 4,838
Nov-20	11/7/2020	5,621	3,529	9,150	5,621	-	5,621	\$ 0.375	\$ 2,108
Nov-20	11/8/2020	4,856	4,706	9,562	4,856	-	4,856	\$ 0.375	\$ 1,821
Nov-20	11/9/2020	7,024	5,256	12,280	7,024	-	7,024	\$ 0.375	\$ 2,634
Nov-20	11/10/2020	6,973	3,416	10,389	6,973	-	6,973	\$ 0.605	\$ 4,219
Nov-20	11/11/2020	6,542	3,277	9,819	6,542	-	6,542	\$ 1.045	\$ 6,836
Nov-20	11/12/2020	7,298	5,781	13,079	7,298	-	7,298	\$ 1.580	\$ 11,531
Nov-20	11/13/2020	7,241	6,614	13,855	7,241	-	7,241	\$ 2.155	\$ 15,604
Nov-20	11/14/2020	6,910	6,675	13,585	6,910	-	6,910	\$ 2.280	\$ 15,755
Nov-20	11/15/2020	5,002	5,543	10,545	5,002	-	5,002	\$ 2.280	\$ 11,405
Nov-20	11/16/2020	8,084	6,553	14,637	8,084	-	8,084	\$ 2.280	\$ 18,432
Nov-20	11/17/2020	8,481	7,686	16,167	8,481	-	8,481	\$ 4.210	\$ 35,705
Nov-20	11/18/2020	8,787	9,407	18,194	8,787	-	8,787	\$ 4.360	\$ 38,311
Nov-20	11/19/2020	7,805	6,860	14,665	7,805	-	7,805	\$ 2.225	\$ 17,366
Nov-20	11/20/2020	6,803	4,945	11,748	6,803	-	6,803	\$ 1.550	\$ 10,545
Nov-20	11/21/2020	6,874	5,906	12,780	6,874	-	6,874	\$ 1.985	\$ 13,645
Nov-20	11/22/2020	6,401	5,695	12,096	6,401	-	6,401	\$ 1.985	\$ 12,706
Nov-20	11/23/2020	7,890	7,243	15,133	7,890	-	7,890	\$ 1.985	\$ 15,662
Nov-20	11/24/2020	8,841	8,329	17,170	8,841	-	8,841	\$ 3.260	\$ 28,822
Nov-20	11/25/2020	6,628	7,063	13,691	6,628	-	6,628	\$ 1.945	\$ 12,891
Nov-20	11/26/2020	3,997	6,466	10,463	3,997	-	3,997	\$ 1.380	\$ 5,516
Nov-20	11/27/2020	3,744	5,664	9,408	3,744	-	3,744	\$ 1.380	\$ 5,167
Nov-20	11/28/2020	4,035	6,272	10,307	4,035	-	4,035	\$ 1.380	\$ 5,568
Nov-20	11/29/2020	5,149	6,821	11,970	5,149	-	5,149	\$ 1.380	\$ 7,106

Load Shape Price Factor Worksheet

Month	Date	Historic Delivery Service Loads			Delivery Service Loads Not Subject to Capacity Assignment			2020-2021 Cost Analysis	
		Capacity Exempt	Capacity Assigned	Total	Capacity Exempt	Capacity Assigned	Total	AGT City-Gate Price	AGT City-Gate Cost
Nov-20	11/30/2020	6,843	4,951	11,794	6,843	-	6,843	\$ 1.380	\$ 9,443
Dec-20	12/1/2020	7,332	6,331	13,663	7,332	-	7,332	\$ 2.370	\$ 17,377
Dec-20	12/2/2020	8,043	7,477	15,520	8,043	-	8,043	\$ 2.780	\$ 22,360
Dec-20	12/3/2020	7,734	6,707	14,441	7,734	-	7,734	\$ 2.405	\$ 18,600
Dec-20	12/4/2020	6,547	5,920	12,467	6,547	-	6,547	\$ 2.155	\$ 14,109
Dec-20	12/5/2020	7,116	7,800	14,916	7,116	-	7,116	\$ 3.055	\$ 21,739
Dec-20	12/6/2020	5,951	8,437	14,388	5,951	-	5,951	\$ 3.055	\$ 18,180
Dec-20	12/7/2020	8,066	8,911	16,977	8,066	-	8,066	\$ 3.055	\$ 24,642
Dec-20	12/8/2020	8,480	9,370	17,850	8,480	-	8,480	\$ 2.985	\$ 25,313
Dec-20	12/9/2020	8,370	8,109	16,479	8,370	-	8,370	\$ 2.645	\$ 22,139
Dec-20	12/10/2020	8,039	8,137	16,176	8,039	-	8,039	\$ 2.695	\$ 21,665
Dec-20	12/11/2020	7,233	7,275	14,508	7,233	-	7,233	\$ 2.225	\$ 16,093
Dec-20	12/12/2020	6,580	6,332	12,912	6,580	-	6,580	\$ 2.705	\$ 17,799
Dec-20	12/13/2020	5,067	6,691	11,758	5,067	-	5,067	\$ 2.705	\$ 13,706
Dec-20	12/14/2020	8,057	8,229	16,286	8,057	-	8,057	\$ 2.705	\$ 21,794
Dec-20	12/15/2020	9,613	10,146	19,759	9,613	-	9,613	\$ 5.825	\$ 55,996
Dec-20	12/16/2020	9,237	9,185	18,422	9,237	-	9,237	\$ 7.530	\$ 69,555
Dec-20	12/17/2020	8,644	8,794	17,438	8,644	-	8,644	\$ 9.445	\$ 81,643
Dec-20	12/18/2020	8,393	8,763	17,156	8,393	-	8,393	\$ 11.920	\$ 100,045
Dec-20	12/19/2020	7,408	7,746	15,154	7,408	-	7,408	\$ 7.200	\$ 53,338
Dec-20	12/20/2020	7,735	7,676	15,411	7,735	-	7,735	\$ 7.200	\$ 55,692
Dec-20	12/21/2020	7,338	7,396	14,734	7,338	-	7,338	\$ 7.200	\$ 52,834
Dec-20	12/22/2020	7,272	6,990	14,262	7,272	-	7,272	\$ 4.105	\$ 29,852
Dec-20	12/23/2020	6,822	7,119	13,941	6,822	-	6,822	\$ 3.320	\$ 22,649
Dec-20	12/24/2020	3,918	4,510	8,428	3,918	-	3,918	\$ 2.495	\$ 9,775
Dec-20	12/25/2020	4,013	5,032	9,045	4,013	-	4,013	\$ 4.475	\$ 17,958
Dec-20	12/26/2020	5,798	7,330	13,128	5,798	-	5,798	\$ 4.475	\$ 25,946
Dec-20	12/27/2020	7,065	6,960	14,025	7,065	-	7,065	\$ 4.475	\$ 31,616
Dec-20	12/28/2020	7,385	6,500	13,885	7,385	-	7,385	\$ 4.475	\$ 33,048

Load Shape Price Factor Worksheet

Month	Date	Historic Delivery Service Loads			Delivery Service Loads Not Subject to Capacity Assignment			2020-2021 Cost Analysis	
		Capacity Exempt	Capacity Assigned	Total	Capacity Exempt	Capacity Assigned	Total	AGT City-Gate Price	AGT City-Gate Cost
Dec-20	12/29/2020	8,499	9,339	17,838	8,499	-	8,499	\$ 3.835	\$ 32,594
Dec-20	12/30/2020	6,752	7,317	14,069	6,752	-	6,752	\$ 3.265	\$ 22,045
Dec-20	12/31/2020	4,898	7,525	12,423	4,898	-	4,898	\$ 2.580	\$ 12,637
Jan-21	1/1/2021	4,433	7,143	11,576	4,433	-	4,433	\$ 2.410	\$ 10,684
Jan-21	1/2/2021	6,493	7,628	14,121	6,493	-	6,493	\$ 2.410	\$ 15,648
Jan-21	1/3/2021	6,968	7,850	14,818	6,968	-	6,968	\$ 2.410	\$ 16,793
Jan-21	1/4/2021	7,451	8,205	15,656	7,451	-	7,451	\$ 2.410	\$ 17,957
Jan-21	1/5/2021	7,833	8,386	16,219	7,833	-	7,833	\$ 3.295	\$ 25,810
Jan-21	1/6/2021	7,790	8,017	15,807	7,790	-	7,790	\$ 3.260	\$ 25,395
Jan-21	1/7/2021	7,892	8,367	16,259	7,892	-	7,892	\$ 2.990	\$ 23,597
Jan-21	1/8/2021	7,662	8,339	16,001	7,662	-	7,662	\$ 3.320	\$ 25,438
Jan-21	1/9/2021	6,854	7,555	14,409	6,854	-	6,854	\$ 3.860	\$ 26,456
Jan-21	1/10/2021	5,920	8,156	14,076	5,920	-	5,920	\$ 3.860	\$ 22,851
Jan-21	1/11/2021	8,023	8,429	16,452	8,023	-	8,023	\$ 3.860	\$ 30,969
Jan-21	1/12/2021	7,803	7,910	15,713	7,803	-	7,803	\$ 4.000	\$ 31,212
Jan-21	1/13/2021	7,521	7,689	15,210	7,521	-	7,521	\$ 4.385	\$ 32,980
Jan-21	1/14/2021	7,688	7,663	15,351	7,688	-	7,688	\$ 4.470	\$ 34,365
Jan-21	1/15/2021	7,307	6,839	14,146	7,307	-	7,307	\$ 3.020	\$ 22,067
Jan-21	1/16/2021	6,162	6,627	12,789	6,162	-	6,162	\$ 5.205	\$ 32,073
Jan-21	1/17/2021	4,892	6,958	11,850	4,892	-	4,892	\$ 5.205	\$ 25,463
Jan-21	1/18/2021	7,655	8,534	16,189	7,655	-	7,655	\$ 5.205	\$ 39,844
Jan-21	1/19/2021	8,011	8,381	16,392	8,011	-	8,011	\$ 5.205	\$ 41,697
Jan-21	1/20/2021	8,359	9,349	17,708	8,359	-	8,359	\$ 4.295	\$ 35,902
Jan-21	1/21/2021	8,075	8,874	16,949	8,075	-	8,075	\$ 3.040	\$ 24,548
Jan-21	1/22/2021	7,722	7,959	15,681	7,722	-	7,722	\$ 3.660	\$ 28,263
Jan-21	1/23/2021	7,985	10,489	18,474	7,985	-	7,985	\$ 5.475	\$ 43,718
Jan-21	1/24/2021	6,426	9,990	16,416	6,426	-	6,426	\$ 5.475	\$ 35,182
Jan-21	1/25/2021	8,865	9,599	18,464	8,865	-	8,865	\$ 5.475	\$ 48,536
Jan-21	1/26/2021	8,866	8,719	17,585	8,866	-	8,866	\$ 4.975	\$ 44,108

Load Shape Price Factor Worksheet

Month	Date	Historic Delivery Service Loads			Delivery Service Loads Not Subject to Capacity Assignment			2020-2021 Cost Analysis	
		Capacity Exempt	Capacity Assigned	Total	Capacity Exempt	Capacity Assigned	Total	AGT City-Gate Price	AGT City-Gate Cost
Jan-21	1/27/2021	8,151	8,214	16,365	8,151	-	8,151	\$ 4.770	\$ 38,880
Jan-21	1/28/2021	8,920	10,600	19,520	8,920	-	8,920	\$ 9.890	\$ 88,219
Jan-21	1/29/2021	9,125	11,601	20,726	9,125	-	9,125	\$ 11.595	\$ 105,804
Jan-21	1/30/2021	8,971	11,186	20,157	8,971	-	8,971	\$ 11.595	\$ 104,019
Jan-21	1/31/2021	7,100	10,356	17,456	7,100	-	7,100	\$ 11.595	\$ 82,325
Feb-21	2/1/2021	7,127	9,370	16,497	7,127	-	7,127	\$ 5.440	\$ 38,771
Feb-21	2/2/2021	7,175	8,657	15,832	7,175	-	7,175	\$ 8.110	\$ 58,189
Feb-21	2/3/2021	7,982	8,300	16,282	7,982	-	7,982	\$ 11.810	\$ 94,267
Feb-21	2/4/2021	8,149	8,909	17,058	8,149	-	8,149	\$ 10.835	\$ 88,294
Feb-21	2/5/2021	7,370	8,112	15,482	7,370	-	7,370	\$ 7.420	\$ 54,685
Feb-21	2/6/2021	7,437	8,283	15,720	7,437	-	7,437	\$ 11.465	\$ 85,265
Feb-21	2/7/2021	6,237	9,304	15,541	6,237	-	6,237	\$ 11.465	\$ 71,507
Feb-21	2/8/2021	8,807	10,463	19,270	8,807	-	8,807	\$ 11.465	\$ 100,972
Feb-21	2/9/2021	8,050	10,366	18,416	8,050	-	8,050	\$ 11.365	\$ 91,488
Feb-21	2/10/2021	8,615	10,055	18,670	8,615	-	8,615	\$ 10.465	\$ 90,156
Feb-21	2/11/2021	8,576	10,944	19,520	8,576	-	8,576	\$ 11.100	\$ 95,194
Feb-21	2/12/2021	7,683	10,167	17,850	7,683	-	7,683	\$ 12.310	\$ 94,578
Feb-21	2/13/2021	7,218	8,929	16,147	7,218	-	7,218	\$ 10.405	\$ 75,103
Feb-21	2/14/2021	5,802	8,571	14,373	5,802	-	5,802	\$ 10.405	\$ 60,370
Feb-21	2/15/2021	7,746	8,615	16,361	7,746	-	7,746	\$ 10.405	\$ 80,597
Feb-21	2/16/2021	8,502	8,976	17,478	8,502	-	8,502	\$ 10.405	\$ 88,463
Feb-21	2/17/2021	8,801	9,842	18,643	8,801	-	8,801	\$ 10.955	\$ 96,415
Feb-21	2/18/2021	8,591	9,328	17,919	8,591	-	8,591	\$ 10.600	\$ 91,065
Feb-21	2/19/2021	8,137	8,933	17,070	8,137	-	8,137	\$ 8.590	\$ 69,897
Feb-21	2/20/2021	7,695	9,051	16,746	7,695	-	7,695	\$ 6.725	\$ 51,749
Feb-21	2/21/2021	7,311	8,994	16,305	7,311	-	7,311	\$ 6.725	\$ 49,166
Feb-21	2/22/2021	7,646	8,259	15,905	7,646	-	7,646	\$ 6.725	\$ 51,419
Feb-21	2/23/2021	7,878	7,452	15,330	7,878	-	7,878	\$ 4.460	\$ 35,136
Feb-21	2/24/2021	6,880	6,751	13,631	6,880	-	6,880	\$ 3.180	\$ 21,878

Load Shape Price Factor Worksheet

Month	Date	Historic Delivery Service Loads			Delivery Service Loads Not Subject to Capacity Assignment			2020-2021 Cost Analysis	
		Capacity Exempt	Capacity Assigned	Total	Capacity Exempt	Capacity Assigned	Total	AGT City-Gate Price	AGT City-Gate Cost
Feb-21	2/25/2021	7,527	8,443	15,970	7,527	-	7,527	\$ 3.440	\$ 25,893
Feb-21	2/26/2021	7,524	7,810	15,334	7,524	-	7,524	\$ 2.655	\$ 19,976
Feb-21	2/27/2021	7,288	6,952	14,240	7,288	-	7,288	\$ 2.655	\$ 19,350
Feb-21	2/28/2021	6,104	6,711	12,815	6,104	-	6,104	\$ 2.655	\$ 16,206
Mar-21	3/1/2021	8,079	9,677	17,756	8,079	-	8,079	\$ 3.385	\$ 27,347
Mar-21	3/2/2021	8,796	10,247	19,043	8,796	-	8,796	\$ 6.470	\$ 56,910
Mar-21	3/3/2021	7,816	7,786	15,602	7,816	-	7,816	\$ 4.125	\$ 32,241
Mar-21	3/4/2021	8,360	9,744	18,104	8,360	-	8,360	\$ 8.235	\$ 68,845
Mar-21	3/5/2021	8,375	9,774	18,149	8,375	-	8,375	\$ 7.100	\$ 59,463
Mar-21	3/6/2021	7,996	8,849	16,845	7,996	-	7,996	\$ 5.355	\$ 42,819
Mar-21	3/7/2021	6,194	8,556	14,750	6,194	-	6,194	\$ 5.355	\$ 33,169
Mar-21	3/8/2021	8,003	8,062	16,065	8,003	-	8,003	\$ 5.355	\$ 42,856
Mar-21	3/9/2021	7,960	7,104	15,064	7,960	-	7,960	\$ 2.845	\$ 22,646
Mar-21	3/10/2021	7,491	6,984	14,475	7,491	-	7,491	\$ 2.740	\$ 20,525
Mar-21	3/11/2021	6,480	4,286	10,766	6,480	-	6,480	\$ 2.370	\$ 15,358
Mar-21	3/12/2021	6,533	5,868	12,401	6,533	-	6,533	\$ 2.310	\$ 15,091
Mar-21	3/13/2021	6,799	6,843	13,642	6,799	-	6,799	\$ 4.115	\$ 27,978
Mar-21	3/14/2021	7,184	9,346	16,530	7,184	-	7,184	\$ 4.115	\$ 29,562
Mar-21	3/15/2021	9,579	10,470	20,049	9,579	-	9,579	\$ 4.115	\$ 39,418
Mar-21	3/16/2021	8,684	8,172	16,856	8,684	-	8,684	\$ 4.515	\$ 39,208
Mar-21	3/17/2021	7,487	6,764	14,251	7,487	-	7,487	\$ 2.675	\$ 20,028
Mar-21	3/18/2021	7,432	7,003	14,435	7,432	-	7,432	\$ 2.760	\$ 20,512
Mar-21	3/19/2021	7,727	7,428	15,155	7,727	-	7,727	\$ 3.450	\$ 26,658
Mar-21	3/20/2021	7,107	5,773	12,880	7,107	-	7,107	\$ 2.205	\$ 15,671
Mar-21	3/21/2021	6,247	5,921	12,168	6,247	-	6,247	\$ 2.205	\$ 13,775
Mar-21	3/22/2021	7,056	6,419	13,475	7,056	-	7,056	\$ 2.205	\$ 15,558
Mar-21	3/23/2021	7,138	5,720	12,858	7,138	-	7,138	\$ 2.090	\$ 14,918
Mar-21	3/24/2021	6,554	5,333	11,887	6,554	-	6,554	\$ 2.140	\$ 14,026
Mar-21	3/25/2021	6,493	4,764	11,257	6,493	-	6,493	\$ 1.930	\$ 12,531

Load Shape Price Factor Worksheet

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Mar-21	3/26/2021	6,198	3,976	10,174	6,198	-	6,198	\$ 1.835	\$ 11,373
Mar-21	3/27/2021	6,841	5,323	12,164	6,841	-	6,841	\$ 1.835	\$ 12,553
Mar-21	3/28/2021	5,780	5,948	11,728	5,780	-	5,780	\$ 1.835	\$ 10,606
Mar-21	3/29/2021	8,314	6,789	15,103	8,314	-	8,314	\$ 1.835	\$ 15,256
Mar-21	3/30/2021	7,551	5,889	13,440	7,551	-	7,551	\$ 1.940	\$ 14,649
Mar-21	3/31/2021	6,621	4,326	10,947	6,621	-	6,621	\$ 1.915	\$ 12,679
Apr-21	4/1/2021	7,906	7,027	14,933	7,906	-	7,906	\$ 2.535	\$ 20,042
Apr-21	4/2/2021	7,608	7,070	14,678	7,608	-	7,608	\$ 2.255	\$ 17,156
Apr-21	4/3/2021	6,982	6,066	13,048	6,982	-	6,982	\$ 2.255	\$ 15,744
Apr-21	4/4/2021	6,600	4,836	11,436	6,600	-	6,600	\$ 2.255	\$ 14,883
Apr-21	4/5/2021	7,170	6,015	13,185	7,170	-	7,170	\$ 2.255	\$ 16,168
Apr-21	4/6/2021	7,074	5,130	12,204	7,074	-	7,074	\$ 1.930	\$ 13,653
Apr-21	4/7/2021	6,780	4,551	11,331	6,780	-	6,780	\$ 2.000	\$ 13,560
Apr-21	4/8/2021	6,921	5,239	12,160	6,921	-	6,921	\$ 1.920	\$ 13,288
Apr-21	4/9/2021	6,754	4,501	11,255	6,754	-	6,754	\$ 1.795	\$ 12,123
Apr-21	4/10/2021	5,806	3,678	9,484	5,806	-	5,806	\$ 1.775	\$ 10,306
Apr-21	4/11/2021	7,038	5,408	12,446	7,038	-	7,038	\$ 1.775	\$ 12,492
Apr-21	4/12/2021	7,731	5,835	13,566	7,731	-	7,731	\$ 1.775	\$ 13,723
Apr-21	4/13/2021	7,458	4,824	12,282	7,458	-	7,458	\$ 1.940	\$ 14,469
Apr-21	4/14/2021	7,358	5,139	12,497	7,358	-	7,358	\$ 2.065	\$ 15,194
Apr-21	4/15/2021	7,168	5,815	12,983	7,168	-	7,168	\$ 2.355	\$ 16,881
Apr-21	4/16/2021	7,696	6,650	14,346	7,696	-	7,696	\$ 3.170	\$ 24,396
Apr-21	4/17/2021	6,818	5,338	12,156	6,818	-	6,818	\$ 2.865	\$ 19,534
Apr-21	4/18/2021	6,832	5,282	12,114	6,832	-	6,832	\$ 2.865	\$ 19,574
Apr-21	4/19/2021	7,530	4,850	12,380	7,530	-	7,530	\$ 2.865	\$ 21,573
Apr-21	4/20/2021	7,775	4,321	12,096	7,775	-	7,775	\$ 2.445	\$ 19,010
Apr-21	4/21/2021	7,506	6,009	13,515	7,506	-	7,506	\$ 2.605	\$ 19,553
Apr-21	4/22/2021	8,365	6,834	15,199	8,365	-	8,365	\$ 3.135	\$ 26,224
Apr-21	4/23/2021	6,142	4,519	10,661	6,142	-	6,142	\$ 2.465	\$ 15,140

Load Shape Price Factor Worksheet

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Apr-21	4/24/2021	3,760	3,191	6,951	3,760	-	3,760	\$ 2.160	\$ 8,122
Apr-21	4/25/2021	5,260	5,107	10,367	5,260	-	5,260	\$ 2.160	\$ 11,362
Apr-21	4/26/2021	8,383	6,029	14,412	8,383	-	8,383	\$ 2.160	\$ 18,107
Apr-21	4/27/2021	7,309	4,561	11,870	7,309	-	7,309	\$ 2.600	\$ 19,003
Apr-21	4/28/2021	6,835	5,023	11,858	6,835	-	6,835	\$ 2.525	\$ 17,258
Apr-21	4/29/2021	6,866	5,165	12,031	6,866	-	6,866	\$ 2.465	\$ 16,925
Apr-21	4/30/2021	6,859	4,898	11,757	6,859	-	6,859	\$ 2.400	\$ 16,462
Winter Period		1,311,091	1,303,347	2,614,438	1,311,091	-	1,311,091	\$ 4.343	\$ 5,694,604
								Weighted Average Daily Price	\$ 4.343
								Straight Average Daily Price	\$ 4.154
								Load Shape Price Factor	1.046

Month	Projected Delivery Service Loads			Delivery Service Loads Not Subject to Capacity Assignment		
	Capacity Exempt	Capacity Assigned	Total	Capacity Exempt	Capacity Assigned	Total
Nov-21	227,140	211,485	438,625	227,140	-	227,140
Dec-21	231,339	241,104	472,443	231,339	-	231,339
Jan-22	256,763	273,557	530,320	256,763	-	256,763
Feb-22	242,833	251,374	494,207	242,833	-	242,833
Mar-22	255,609	250,793	506,402	255,609	-	255,609
Apr-22	232,427	202,864	435,291	232,427	-	232,427
Winter	1,446,111	1,431,177	2,877,288	1,446,111	-	1,446,111