



Northern Natural Gas Company
P.O. Box 3330
Omaha, NE 68103-0330
402 398-7200

December 22, 2022

Ms. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426

RE: Northern Natural Gas Company
Docket No. RP22-1033-_____
Motion to Place Interim Rates into Effect

Dear Ms. Bose:

Pursuant to Section 4 of the Natural Gas Act ("NGA")¹ and Part 154 of the regulations of the Federal Energy Regulatory Commission ("FERC" or "Commission"),² specifically 18 C.F.R. § 154.206(b), Northern Natural Gas Company ("Northern") hereby moves and submits for filing as part of its F.E.R.C. Gas Tariff, Sixth Revised Volume No. 1 ("Tariff"), the following tariff sheets under Part 154 of the Regulations of the Federal Energy Regulatory Commission ("FERC" or "Commission"), to put in place an interim rate reduction ("Interim Rates") in its natural gas transportation and storage rates:

SIXTH REVISED VOLUME NO. 1

Substitute Twentieth Revised Sheet No. 50
Substitute Twenty Third Revised Sheet No. 51
Substitute Twenty First Revised Sheet No. 52
Substitute Twenty Third Revised Sheet No. 53
Substitute Sixth Revised Sheet No. 55
Fifth Revised Sheet No. 55A
Substitute Ninth Revised Sheet No. 59
Substitute Ninth Revised Sheet No. 59A
Substitute Twentieth Revised Sheet No. 60
Substitute Twentieth Revised Sheet No. 60A

¹ 15 U.S.C. § 717c.

² 18 C.F.R. Part 154 (2022).

Purpose

Northern tenders the referenced tariff sheets for filing for the purpose of placing in effect reduced Interim Rates in furtherance of continued settlement discussions in the Docket No. RP22-1033 general Section 4 rate proceeding.³ The tariff sheets are proposed to become effective January 1, 2023, subject to refund.

Northern is filing contemporaneously in Docket No. RP22-1033, under separate cover, to place its Base Case⁴ rates in effect on January 1, 2023, subject to adjustment to remove costs associated with facilities that will not be in service by the end of the test period, December 31, 2022. However, as requested herein, Northern seeks to place in effect on January 1, 2023, Interim Rates that are lower than the Base Case rates. These Interim Rates would be Northern's effective rates and remain in place subject to Northern's right to terminate the Interim Rates and place the Base Case rates in effect, subject to refund, on 30 calendar days' notice ("30-days' notice"). Northern's proposed Interim Rates reflect an approximate 30% reduction below the Market Area Base Case rates.

In the July 1 Filing, the tariff rates for the injection charge and withdrawal charge were increased from \$0.0197 to \$0.0232. The capacity and reservation charges for the market-based rate Service Agreements listed in Sheet No. 55A in Northern's Tariff were not revised in the July 1 Filing. Northern has recalculated the reservation and capacity charges for the market-based rate contracts and will amend the contracts accordingly. Therefore, Northern is submitting the revised rates listed in Sheet No. 55A.

Northern is proposing lower Interim Rates as a good faith demonstration of Northern's continued willingness to engage in settlement discussions in order to reach a mutually-agreeable resolution of the issues in this case. Both the Interim Rates and the Base Case rates, as applicable, will be subject to refund. In the event a settlement is reached and is approved by the Commission, Northern will charge the new settlement rates and pay refunds to shippers to the extent the settlement rates are lower than the Interim Rates. However, if Northern determines that this matter cannot be resolved through settlement, Northern may file to terminate the Interim Rates and place the Base Case rates in effect on 30-days' notice. In that event, Northern will not seek to retroactively surcharge its shippers for the difference between the Interim Rates and the Base Case rates for the period of time the Interim Rates were in effect. Northern requests the right, to file a compliance filing with 30-days' notice, to terminate the effectiveness of the Interim Rates and supersede the Interim Rates with the Base Case rates and that the filing of the Interim Rates will not affect Northern's right to defend its Base Case rates and its Prospective Case rates at hearing.

³ On July 1, 2022, Northern filed revised tariff sheets proposed to be effective on August 1, 2022, to reflect a general Section 4 rate increase. On July 29, 2022, the Commission accepted the Base Case rate schedules, suspended them until January 1, 2023, subject to refund, and set the matter for hearing. *Northern Natural Gas Co.*, 180 FERC ¶ 61,066 (2022).

⁴ The term "Base Case" shall have the meaning defined in the contemporaneously filed "Motion to Place Base Case Revised Tariff Sheets into Effect" referred to herein.

Northern's request is in the public interest as it provides shippers with lower Interim Rates and is intended to foster continued good-faith settlement discussions among the parties. Northern's request is also consistent with Commission precedent. In *Northern Natural Gas Company*, 170 FERC ¶ 61,058 (2020), the Commission granted a similar request to put in place interim rates during the pendency of settlement discussions that were lower than the suspended rates, subject to Northern's right to terminate the interim rates upon 30-days' notice and replace them with the suspended rates.

As stated above, concurrent with this filing, Northern is filing a separate motion to place its Base Case rates in effect on January 1, 2023, subject to adjustment to remove costs associated with facilities that will not be in service by the end of the test period, December 31, 2022. In the event the Commission accepts the Interim Rates, Northern respectfully requests that the Interim Rates be placed in effect in lieu of the Base Case rates, subject to Northern's ability to reinstate the Base Case rates upon 30-days' notice as discussed above.

In the event the Commission cannot provide Northern with the above requested assurances, Northern requests permission to withdraw this filing in every respect and that its Base Case rate filing submitted this same day be accepted subject to refund on January 1, 2023, without reference to this filing.

Northern believes that prompt acceptance of the instant filing is in the public interest since it will result in more productive settlement discussions regarding the cost of transportation for Northern's shippers.

Additionally, in the official Commission settlement proceedings, Northern is offering a deferred collection agreement option for shippers that are in agreement with the settlement rates proposed by Northern through those proceedings. Northern is making this option available to all of its shippers with information available posted on Northern's website.

Waivers

In order to provide Northern and its shippers with additional rate certainty and to permit the benefits of the lower Interim Rates to take effect as planned on January 1, 2023, Northern respectfully requests that the Commission grant all waivers of its regulations necessary to accept the instant filing to be effective as requested herein so that Northern and its customers have certainty on the rates to be charged for January 2023 billing. Consequently, Northern respectfully requests that the Commission rule on this motion no later than January 25, 2023 to ensure its January 2023 billings reflect the appropriate rates.

Posting

Northern has served an electronic copy of this filing upon its customers and interested state regulatory commissions.

Marked Version

In accordance with Section 154.201 of the Commission's Regulations, Northern has submitted a marked version of the proposed tariff changes highlighting new additions and showing deletions by strikeout.

Data Processing Requirements

Northern is submitting this filing through FERC's electronic tariff filing process in a FERC-approved format.

Communication

It is respectfully requested that all Commission orders and correspondence, as well as pleadings and correspondence from other persons concerning this filing, be served upon each of the following:

Kirk Lavengood
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Respectfully submitted,

/s/ Kirk Lavengood

Kirk Lavengood
Vice President, General Counsel and Regulatory Affairs

Attachments

RATE SCHEDULE TF

MARKET-TO-MARKET				FIELD-TO-FIELD/MARKET DEMARCATION	
RESERVATION RATES	TF12 Base	TF12 Variable	TF5	TFF	
Base Tariff Rates 1/					
Summer (Apr-Oct)	13.876	13.876	-0-	8.798	
Winter (Nov-Mar)	<u>24.976</u>	<u>33.854</u>	<u>36.995</u>	<u>15.837</u>	
COMMODITY RATES 2/ 3/					
TF12 Base, TF12 Var., TF5 & TFF		Market Area 4/	Field Mileage Rate per 100 miles	Out-of Balance	Carlton Surcharge 5/
Receipt Point	Delivery Point	Commodity	Commodity	Commodity	Maximum Minimum
Market	Market	0.0260		0.0260	0.0175 0.0000
Field	Market	0.0260	0.0103		0.0175 0.0000
Market	Field		0.0103		
Field	Field		0.0103	0.0217	

- 1/ The minimum reservation rate is equal to zero.
- 2/ Shipper shall pay the applicable Electric Compression commodity rate as shown in Sheet No. 54 and ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov>.
- 3/ The firm transportation services commodity rates are not discountable. The commodity rate is the maximum and minimum commodity rate. The applicable MIDs commodity rate will be in addition to the TF reservation rates. The MIDs rates shown in Sheet Nos. 59-60A represent the throughput commodity rates for any transaction involving MIDs.
- 4/ There will be no commodity charge for transportation from the Ventura pooling point (POI 78623) to the NBPL/NNG Ventura point (POI 192) and from the Ventura pooling point (POI 78623) to the MID 17 pooling point (POI 71458). In addition, there will be no commodity charge for transportation as set forth in Sheet Nos. 141, 142C and 147.
- 5/ Applicable to Market Area Shippers as provided for in the Carlton Settlement filed in Docket No. RP96-347 dated October 28, 1996.

RATE SCHEDULE TFX

RESERVATION RATES	MARKET-TO-MARKET		FIELD-TO-FIELD	
	Apr-Oct	Nov-Mar	Apr-Oct	Nov-Mar
Base Tariff Rates 1/	<u>\$13.876</u>	<u>\$36.995</u>	<u>\$8.798</u>	<u>\$15.837</u>

COMMODITY RATES 2/ 3/

TFX		Market Area 4/	Field Mileage Rate per 100 miles	Out-of-Balance	Carlton Surcharge 5/
Receipt Point	Delivery Point	Commodity	Commodity	Commodity	Maximum Minimum
Market	Market	0.0260		0.0260	0.0175 0.0000
Field	Market	0.0260	0.0103		0.0175 0.0000
Market	Field		0.0103		
Field	Field		0.0103	0.0217	

- 1/ The minimum reservation rate is equal to zero.
- 2/ Shipper shall pay the applicable Electric Compression commodity rate as shown in Sheet No. 54 and ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov>.
- 3/ The firm transportation services commodity rates are not discountable. The commodity rate is the maximum and minimum commodity rate. The applicable MIDs commodity rate will be in addition to the TFX reservation rates. The MIDs rates shown in Sheet Nos. 59-60A represent the throughput commodity rates for any transaction involving MIDs.
- 4/ There will be no commodity charge for transportation from the Ventura pooling point (POI 78623) to the NBPL/NNG Ventura point (POI 192) and from the Ventura pooling point (POI 78623) to the MID 17 pooling point (POI 71458). In addition, there will be no commodity charge for transportation as set forth in Sheet Nos. 141, 142C and 147.
- 5/ Applicable to Market Area Shippers as provided for in the Carlton Settlement filed in Docket No. RP96-347 dated October 28, 1996.

RATE SCHEDULE TI

COMMODITY RATES 1/ 2/

TI		Market Area 3/		Field Mileage Rate per 100 miles		Out-of-Balance		Carlton Surcharge 4/	
Receipt Point	Delivery Point	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
NOVEMBER - MARCH									
Market	Market	1.2429	0.0260			1.2429	0.0260	0.0175	0.0000
Field	Market	1.2429	0.0260	0.2572	0.0103			0.0175	0.0000
Market	Field			0.2572	0.0103				
Field	Field			0.2572	0.0103	0.5427	0.0217		
APRIL - OCTOBER									
Market	Market	0.4824	0.0260			0.4824	0.0260	0.0000	0.0000
Field	Market	0.4824	0.0260	0.1475	0.0103			0.0000	0.0000
Market	Field			0.1475	0.0103				
Field	Field			0.1475	0.0103	0.3112	0.0217		

- 1/ Shipper shall pay the applicable Electric Compression commodity rate as shown in Sheet No. 54 and ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov>.
- 2/ The MIDs rates shown in Sheet Nos. 59-60A represent the throughput commodity rates for any transaction involving MIDs.
- 3/ There will be no commodity charge for transportation from the Ventura pooling point (POI 78623) to the NBPL/NNG Ventura point (POI 192) and from the Ventura pooling point (POI 78623) to the MID 17 pooling point (POI 71458). In addition, there will be no commodity charge for transportation as set forth in Sheet Nos. 141, 142C and 147.
- 4/ Applicable to Market Area Shippers as provided for in the Carlton Settlement filed in Docket No. RP96-347 dated October 28, 1996.

		<u>Commodity Charges</u>	
		<u>Nov-Oct</u>	
GS-T COMMODITY THROUGHPUT RATE			
Market Area		1.7149	1/ 2/
Field to Demarcation		1.0282	
Field-to-Market		2.7431	1/
BEAVER COMPRESSION FEE			
Incidental Jurisdictional Compression Fee		0.0400	
WATERVILLE STORAGE			
The Market Area transportation rate, Fuel and UAF is charged for delivery to Waterville storage point (POI 922), or other similarly situated third party storage points in the Market Area. If redelivery from Waterville, or other similarly situated third party storage points, is to a Market Area point, there are no additional transportation, Fuel or UAF charges. If the redelivery is to a Field Area delivery point, the Field Area mileage/MID transportation rate and Fuel is charged.			
CAPACITY RELEASE FEE (Rate per transaction)			
Marketing		Negotiated	3/
DAILY DELIVERY VARIANCE CHARGE:			
Non-SOL/SUL/Critical Day			
Positive DDVC		4/	
Negative DDVC		4/	
Punitive DDVC		4/	
SOL Day			
Positive DDVC		greater of 1.0000 or 1.25 times 5/	
Negative DDVC		0.0000	
Punitive DDVC		greater of 6/ or 2.0 times 5/	
SUL Day			
Positive DDVC		0.0000	
Negative DDVC		greater of 1.0000 or 1.25 times 5/	
Punitive DDVC		0.0000	
Critical Day			
Positive/Critical DDVC			
-First 2%		greater of 15.0000 or 1.50 times 5/	
-Next 3%		greater of 22.0000 or 1.75 times 5/	
Negative DDVC		0.0000	
Punitive/Critical DDVC			
-Level I		greater of 56.5000 or 2.0 times 5/	
-Level II		greater of 113.0000 or 3.0 times 5/	
AUTHORIZED OVERRUN			
TF, TFX, TI and GS-T Rate Schedules		7/	
1/ In addition, Shipper shall pay the applicable Electric Compression commodity rate as shown in Sheet No. 54 and the ACA unit surcharge as posted on FERC's website at https://www.ferc.gov .			
2/ There will be no commodity charge for transportation from the Ventura pooling point (POI 78623) to the NBPL/NNG Ventura point (POI 192) and from the Ventura pooling point (POI 78623) to the MID 17 pooling point (POI 71458). In addition, there will be no commodity charge for transportation as set forth in Sheet Nos. 141, 142C and 147.			
3/ Northern will assess fee only in those instances outlined in Sheet No. 288.			
4/ The rate will be the applicable maximum Winter Season or Summer Season Market Area TI Rate.			
5/ The highest published Platts "Gas Daily" Midpoint price on the applicable day at any of the applicable index points of: Market Area - Northern, demarc and Northern, Ventura; or Field Area - Panhandle, Tx.-Okla. and El Paso, Permian.			
6/ Charge equal to five (5) times the SMS monthly reservation fee.			
7/ The Authorized Overrun Rate shall be equal to the TI rate for the applicable MID path shown in Sheet Nos. 59-60A.			

RATE SCHEDULES FDD, PDD, IDD, ILD & SMS

Rate Schedule FDD

Maximum Reservation Charge	4.3552	1/
Maximum Capacity Charge	0.9065	1/
Injection Charge - Firm	0.0232	
Withdrawal Charge - Firm	0.0232	
Annual Rollover Charge	0.9065	1/

Rate Schedule PDD

Maximum Capacity Charge	0.9065	1/
Maximum Monthly Inventory Charge	0.2188	1/
Injection Charge	0.0232	
Withdrawal Charge	0.0232	
Annual Rollover Charge	0.9065	1/

Rate Schedule IDD

Maximum Monthly Inventory Charge	0.2188	1/
Injection Charge	0.0232	
Withdrawal Charge	0.0232	
Annual Rollover Charge	0.9065	1/

Rate Schedule ILD

Maximum Charge	11.7500
Minimum Charge	0.5044
Performance Obligation Charge	2.0000

Rate Schedule SMS

Reservation Charge	6.1010
Commodity Rate	0.0208

1/ Minimum Rate is zero.

Rate Schedule FDD
 2008 Market-Based Rate Expansion

<u>Rate Schedule FDD</u>	Reservation Charge	Capacity Charge	Injection Charge Firm	Withdrawal Charge Firm	100% Load Factor
<u>Shipper</u>					
Cascade Municipal Utilities	3.4920	0.7268	MAX	MAX	1.50
City of Remsen, Iowa	3.4920	0.7268	MAX	MAX	1.50
City of West Bend, Iowa	3.4920	0.7268	MAX	MAX	1.50
Woodbine Municipal Natural Gas Systems	3.4920	0.7268	MAX	MAX	1.50
Preston Municipal Natural Gas Department	3.4920	0.7268	MAX	MAX	1.50
City of Whittemore	3.4920	0.7268	MAX	MAX	1.50
City of Rolfe, Iowa	3.4920	0.7268	MAX	MAX	1.50
City of Scribner	3.4920	0.7268	MAX	MAX	1.50
City of Round Lake, MN	3.4920	0.7268	MAX	MAX	1.50
City of Fairbank	3.4920	0.7268	MAX	MAX	1.50
Wall Lake Municipal Gas	3.4920	0.7268	MAX	MAX	1.50
Black Hills Utility Holdings, Inc.	3.2775	0.6822	MAX	MAX	1.4107
Minnesota Energy Resources Corporation	3.2758	0.6818	MAX	MAX	1.41
Northern States Power - Generation	3.0115	0.6268	MAX	MAX	1.30
Southwestern Public Service Co.	3.0115	0.6268	MAX	MAX	1.30

MILEAGE INDICATOR DISTRICTS (dollars per Dth)												
DELIVERY DISTRICT												
RECEIPT DISTRICT			1	2	3	4	5	6	7	7B	8	9
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1	TI	Apr-Oct	0.0575	0.1387	0.2906	0.4130	0.4646	0.3304	0.3776	0.4971	0.8865	0.7641
	TI	Nov-Mar	0.1003	0.2418	0.5067	0.7202	0.8102	0.5761	0.6584	0.8668	1.5458	1.3323
	TF		0.0040	0.0097	0.0203	0.0288	0.0324	0.0231	0.0264	0.0347	0.0619	0.0533
2	TI	Apr-Oct	0.0679	0.0103	0.1047	0.2832	0.3673	0.2434	0.3068	0.4263	0.7906	0.6711
	TI	Nov-Mar	0.1183	0.0180	0.1826	0.4938	0.6404	0.4244	0.5350	0.7433	1.3786	1.1703
	TF		0.0047	0.0007	0.0073	0.0198	0.0256	0.0170	0.0214	0.0298	0.0552	0.0469
3	TI	Apr-Oct	0.4573	0.2965	0.0767	0.0900	0.4027	0.2493	0.1859	0.3053	0.8304	0.7095
	TI	Nov-Mar	0.7973	0.5170	0.1337	0.1569	0.7022	0.4347	0.3241	0.5324	1.4480	1.2371
	TF		0.0319	0.0207	0.0054	0.0063	0.0281	0.0174	0.0130	0.0213	0.0580	0.0495
4	TI	Apr-Oct	0.4410	0.3924	0.2773	0.0664	0.2434	0.1667	0.2611	0.3806	0.7582	0.6343
	TI	Nov-Mar	0.7690	0.6842	0.4835	0.1157	0.4244	0.2906	0.4552	0.6636	1.3220	1.1060
	TF		0.0308	0.0274	0.0194	0.0046	0.0170	0.0116	0.0182	0.0266	0.0529	0.0443
5	TI	Apr-Oct	0.4042	0.3643	0.2862	0.2567	0.0398	0.1121	0.2021	0.3216	0.7183	0.5959
	TI	Nov-Mar	0.7047	0.6353	0.4990	0.4475	0.0694	0.1955	0.3524	0.5607	1.2526	1.0391
	TF		0.0282	0.0254	0.0200	0.0179	0.0028	0.0078	0.0141	0.0225	0.0502	0.0416
6	TI	Apr-Oct	0.2567	0.2050	0.0738	0.1106	0.1519	0.0988	0.1165	0.2360	0.6638	0.4853
	TI	Nov-Mar	0.4475	0.3575	0.1286	0.1929	0.2649	0.1723	0.2032	0.4115	1.1574	0.8462
	TF		0.0179	0.0143	0.0052	0.0077	0.0106	0.0069	0.0081	0.0165	0.0464	0.0339
7	TI	Apr-Oct	0.4425	0.3850	0.3688	0.2921	0.3127	0.1844	0.1475	0.2670	0.4248	0.3009
	TI	Nov-Mar	0.7716	0.6713	0.6430	0.5093	0.5453	0.3215	0.2572	0.4655	0.7407	0.5247
	TF		0.0309	0.0269	0.0258	0.0204	0.0218	0.0129	0.0103	0.0186	0.0297	0.0210
7B	TI	Apr-Oct	0.4425	0.3850	0.3688	0.2921	0.3127	0.1844	0.1475	0.0000	0.4248	0.3009
	TI	Nov-Mar	0.7716	0.6713	0.6430	0.5093	0.5453	0.3215	0.2572	0.0000	0.7407	0.5247
	TF		0.0309	0.0269	0.0258	0.0204	0.0218	0.0129	0.0103	0.0000	0.0297	0.0210
8	TI	Apr-Oct	0.8865	0.8393	0.7759	0.7655	0.7582	0.6121	0.6343	0.5030	0.0118	0.3053
	TI	Nov-Mar	1.5458	1.4635	1.3529	1.3349	1.3220	1.0674	1.1060	0.8771	0.0206	0.5324
	TF		0.0619	0.0586	0.0542	0.0535	0.0529	0.0427	0.0443	0.0351	0.0008	0.0213
9	TI	Apr-Oct	0.7700	0.7169	0.6446	0.6003	0.5133	0.5236	0.3584	0.2272	0.1873	0.0988
	TI	Nov-Mar	1.3426	1.2500	1.1240	1.0468	0.8951	0.9131	0.6250	0.3961	0.3266	0.1723
	TF		0.0538	0.0501	0.0450	0.0419	0.0358	0.0366	0.0250	0.0159	0.0131	0.0069

NOTE: The MID rates include: (1) the appropriate Market Area Commodity rate for deliveries to MID 17; (2) the applicable Market Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MID 17; and (3) the applicable Field Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MIDs 1 - 16A. "TF" is applicable to Rate Schedules TF and TFX.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.

MILEAGE INDICATOR DISTRICTS (dollars per Dth)
DELIVERY DISTRICT

RECEIPT DISTRICT	1	2	3	4	5	6	7	7B	8	9
TI Apr-Oct	0.7847	0.8113	0.7832	0.6785	0.5649	0.5738	0.4307	0.2994	0.2817	0.2419
10 TI Nov-Mar	1.3683	1.4146	1.3657	1.1831	0.9851	1.0005	0.7510	0.5221	0.4913	0.4218
TF	0.0548	0.0567	0.0547	0.0474	0.0394	0.0401	0.0301	0.0209	0.0197	0.0169
TI Apr-Oct	0.7537	0.6962	0.6298	0.5531	0.5443	0.3053	0.3791	0.2478	0.1578	0.1977
11 TI Nov-Mar	1.3143	1.2140	1.0982	0.9645	0.9491	0.5324	0.6610	0.4321	0.2752	0.3446
TF	0.0526	0.0486	0.0440	0.0386	0.0380	0.0213	0.0265	0.0173	0.0110	0.0138
TI Apr-Oct	0.8157	0.7582	0.7582	0.6461	0.6903	0.5590	0.4396	0.3083	0.2463	0.2331
12 TI Nov-Mar	1.4223	1.3220	1.3220	1.1265	1.2037	0.9748	0.7665	0.5375	0.4295	0.4064
TF	0.0570	0.0529	0.0529	0.0451	0.0482	0.0390	0.0307	0.0215	0.0172	0.0163
TI Apr-Oct	0.7700	0.7685	0.7788	0.6977	0.6992	0.5871	0.4720	0.3407	0.2596	0.2434
13 TI Nov-Mar	1.3426	1.3400	1.3580	1.2166	1.2191	1.0237	0.8230	0.5941	0.4527	0.4244
TF	0.0538	0.0537	0.0544	0.0487	0.0488	0.0410	0.0330	0.0238	0.0181	0.0170
TI Apr-Oct	0.9440	0.9853	0.9396	0.8614	0.7965	0.7552	0.6549	0.5236	0.4573	0.4484
14 TI Nov-Mar	1.6461	1.7181	1.6384	1.5020	1.3889	1.3169	1.1420	0.9131	0.7973	0.7819
TF	0.0659	0.0688	0.0656	0.0602	0.0556	0.0527	0.0457	0.0366	0.0319	0.0313
TI Apr-Oct	1.2420	1.1903	1.1712	1.0546	1.0266	0.9956	0.8835	0.7523	0.6741	0.6608
15 TI Nov-Mar	2.1656	2.0756	2.0422	1.8390	1.7901	1.7361	1.5406	1.3117	1.1754	1.1523
TF	0.0867	0.0831	0.0818	0.0736	0.0717	0.0695	0.0617	0.0525	0.0471	0.0461
TI Apr-Oct	1.0104	0.9455	0.9897	0.8186	0.8821	0.6947	0.6239	0.4927	0.4307	0.4219
16A TI Nov-Mar	1.7618	1.6487	1.7258	1.4275	1.5381	1.2114	1.0880	0.8590	0.7510	0.7356
TF	0.0706	0.0660	0.0691	0.0572	0.0616	0.0485	0.0436	0.0344	0.0301	0.0295
TI Apr-Oct	1.1358	1.0237	1.0340	1.0148	0.9691	0.9396	0.6829	0.5517	0.5472	0.5399
16B TI Nov-Mar	1.9804	1.7850	1.8030	1.7695	1.6898	1.6384	1.1908	0.9619	0.9542	0.9414
TF	0.0793	0.0715	0.0722	0.0709	0.0677	0.0656	0.0477	0.0385	0.0382	0.0377
TI Apr-Oct	1.6638	1.6048	1.3998	1.4529	1.4234	1.3673	1.2552	1.1240	1.0768	1.0679
17 TI Nov-Mar	2.9012	2.7983	2.4408	2.5334	2.4820	2.3842	2.1888	1.9599	1.8776	1.8621
TF	0.1162	0.1121	0.0977	0.1015	0.0994	0.0955	0.0877	0.0785	0.0752	0.0746

NOTE: MID 16A represents the 14 county area south of the F/M Demarcation point.
 MID 16B represents the F/M Demarcation point.
 MID 17 represents the Market Area.
 "TF" is applicable to Rate Schedules TF and TFX.

NOTE: The MID rates include: (1) the appropriate Market Area Commodity rate for deliveries to MID 17; (2) the applicable Market Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MID 17; and (3) the applicable Field Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MIDs 1 - 16A.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.

MILEAGE INDICATOR DISTRICTS (dollars per Dth)
DELIVERY DISTRICT

RECEIPT DISTRICT		10	11	12	13	14	15	16A	16B	17
		-----	-----	-----	-----	-----	-----	-----	-----	-----
1	TI Apr-Oct	0.9042	0.7301	0.8201	0.8909	1.0178	1.0841	1.0119	1.1358	1.6184
	TI Nov-Mar	1.5766	1.2731	1.4300	1.5535	1.7747	1.8904	1.7644	1.9804	3.2235
	TF	0.0631	0.0510	0.0573	0.0622	0.0711	0.0757	0.0707	0.0793	0.1055
2	TI Apr-Oct	0.7847	0.6490	0.7242	0.7877	0.9160	1.0827	0.9204	1.0237	1.5063
	TI Nov-Mar	1.3683	1.1317	1.2629	1.3734	1.5972	1.8878	1.6049	1.7850	3.0281
	TF	0.0548	0.0453	0.0506	0.0550	0.0640	0.0756	0.0643	0.0715	0.0977
3	TI Apr-Oct	0.8098	0.6933	0.7670	0.8319	0.9927	1.1254	0.8437	1.0340	1.5166
	TI Nov-Mar	1.4120	1.2088	1.3374	1.4506	1.7310	1.9624	1.4712	1.8030	3.0461
	TF	0.0565	0.0484	0.0536	0.0581	0.0693	0.0786	0.0589	0.0722	0.0984
4	TI Apr-Oct	0.7036	0.6151	0.6903	0.7537	0.8894	1.0487	0.8673	1.0148	1.4974
	TI Nov-Mar	1.2268	1.0725	1.2037	1.3143	1.5509	1.8287	1.5123	1.7695	3.0126
	TF	0.0491	0.0430	0.0482	0.0526	0.0621	0.0732	0.0606	0.0709	0.0971
5	TI Apr-Oct	0.7419	0.5767	0.6520	0.7154	0.7847	0.9883	0.8821	0.9691	1.4517
	TI Nov-Mar	1.2937	1.0057	1.1368	1.2474	1.3683	1.7232	1.5381	1.6898	2.9329
	TF	0.0518	0.0403	0.0455	0.0500	0.0548	0.0690	0.0616	0.0677	0.0939
6	TI Apr-Oct	0.6741	0.5207	0.5974	0.6608	0.7921	0.9765	0.7847	0.9396	1.4222
	TI Nov-Mar	1.1754	0.9079	1.0417	1.1523	1.3812	1.7027	1.3683	1.6384	2.8815
	TF	0.0471	0.0364	0.0417	0.0461	0.0553	0.0682	0.0548	0.0656	0.0918
7	TI Apr-Oct	0.4410	0.2832	0.3570	0.4219	0.5561	0.8599	0.5502	0.6829	1.1655
	TI Nov-Mar	0.7690	0.4938	0.6224	0.7356	0.9696	1.4995	0.9594	1.1908	2.4339
	TF	0.0308	0.0198	0.0249	0.0295	0.0388	0.0600	0.0384	0.0477	0.0739
7B	TI Apr-Oct	0.4410	0.2832	0.3570	0.4219	0.5561	0.8599	0.5502	0.6829	1.1655
	TI Nov-Mar	0.7690	0.4938	0.6224	0.7356	0.9696	1.4995	0.9594	1.1908	2.4339
	TF	0.0308	0.0198	0.0249	0.0295	0.0388	0.0600	0.0384	0.0477	0.0739
8	TI Apr-Oct	0.3216	0.1918	0.2449	0.3098	0.4337	0.6549	0.4130	0.5472	1.0298
	TI Nov-Mar	0.5607	0.3344	0.4270	0.5401	0.7562	1.1420	0.7202	0.9542	2.1973
	TF	0.0225	0.0134	0.0171	0.0216	0.0303	0.0457	0.0288	0.0382	0.0644
9	TI Apr-Oct	0.2493	0.1121	0.2434	0.2478	0.3909	0.5989	0.4381	0.5399	1.0225
	TI Nov-Mar	0.4347	0.1955	0.4244	0.4321	0.6816	1.0442	0.7639	0.9414	2.1845
	TF	0.0174	0.0078	0.0170	0.0173	0.0273	0.0418	0.0306	0.0377	0.0639

NOTE: MID 16A represents the 14 county area south of the F/M Demarcation point.
 MID 16B represents the F/M Demarcation point.
 MID 17 represents the Market Area.
 "TF" is applicable to Rate Schedules TF and TFX.

NOTE: The MID rates include: (1) the appropriate Market Area Commodity rate for deliveries to MID 17; (2) the applicable Market Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MID 17; and (3) the applicable Field Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MIDs 1 - 16A.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.

MILEAGE INDICATOR DISTRICTS (dollars per Dth)
DELIVERY DISTRICT

RECEIPT DISTRICT	10	11	12	13	14	15	16A	16B	17
	-----	-----	-----	-----	-----	-----	-----	-----	-----
TI Apr-Oct	0.0177	0.0723	0.2168	0.2773	0.4101	0.5694	0.3378	0.5369	1.0195
10 TI Nov-Mar	0.0309	0.1260	0.3781	0.4835	0.7150	0.9928	0.5890	0.9362	2.1793
TF	0.0012	0.0050	0.0151	0.0194	0.0286	0.0398	0.0236	0.0375	0.0637
TI Apr-Oct	0.1578	0.0354	0.0649	0.1814	0.3098	0.5030	0.2626	0.4027	0.8853
11 TI Nov-Mar	0.2752	0.0617	0.1132	0.3164	0.5401	0.8771	0.4578	0.7022	1.9453
TF	0.0110	0.0025	0.0045	0.0127	0.0216	0.0351	0.0183	0.0281	0.0543
TI Apr-Oct	0.2463	0.1210	0.1475	0.2257	0.3732	0.5340	0.3584	0.5030	0.9856
12 TI Nov-Mar	0.4295	0.2109	0.2572	0.3935	0.6507	0.9311	0.6250	0.8771	2.1202
TF	0.0172	0.0084	0.0103	0.0158	0.0261	0.0373	0.0250	0.0351	0.0613
TI Apr-Oct	0.3230	0.1254	0.1844	0.0826	0.1829	0.3938	0.1490	0.2906	0.7732
13 TI Nov-Mar	0.5633	0.2186	0.3215	0.1440	0.3189	0.6867	0.2598	0.5067	1.7498
TF	0.0226	0.0088	0.0129	0.0058	0.0128	0.0275	0.0104	0.0203	0.0465
TI Apr-Oct	0.2847	0.3201	0.3997	0.1254	0.0354	0.5045	0.2832	0.4322	0.9148
14 TI Nov-Mar	0.4964	0.5581	0.6970	0.2186	0.0617	0.8796	0.4938	0.7536	1.9967
TF	0.0199	0.0224	0.0279	0.0088	0.0025	0.0352	0.0198	0.0302	0.0564
TI Apr-Oct	0.6446	0.5177	0.6018	0.3820	0.5236	0.0369	0.2522	0.3865	0.8691
15 TI Nov-Mar	1.1240	0.9028	1.0494	0.6661	0.9131	0.0643	0.4398	0.6739	1.9170
TF	0.0450	0.0362	0.0420	0.0267	0.0366	0.0026	0.0176	0.0270	0.0532
TI Apr-Oct	0.4882	0.2817	0.3629	0.1490	0.2891	0.2419	0.0251	0.1387	0.6213
16A TI Nov-Mar	0.8513	0.4913	0.6327	0.2598	0.5041	0.4218	0.0437	0.2418	1.4849
TF	0.0341	0.0197	0.0253	0.0104	0.0202	0.0169	0.0018	0.0097	0.0359
TI Apr-Oct	0.5369	0.4027	0.5030	0.2906	0.4322	0.3865	0.1387	0.0000	0.4826
16B TI Nov-Mar	0.9362	0.7022	0.8771	0.5067	0.7536	0.6739	0.2418	0.0000	1.2431
TF	0.0375	0.0281	0.0351	0.0203	0.0302	0.0270	0.0097	0.0000	0.0262
TI Apr-Oct	1.0841	0.9263	1.0089	0.7655	0.5458	0.5620	0.4307	0.6195	0.4826
17 TI Nov-Mar	1.8904	1.6152	1.7592	1.3349	0.9516	0.9799	0.7510	1.0802	1.2431
TF	0.0757	0.0647	0.0705	0.0535	0.0381	0.0392	0.0301	0.0433	0.0262

NOTE: MID 16A represents the 14 county area south of the F/M Demarcation point.
 MID 16B represents the F/M Demarcation point.
 MID 17 represents the Market Area.
 "TF" is applicable to Rate Schedules TF and TFX.

NOTE: The MID rates include: (1) the appropriate Market Area Commodity rate for deliveries to MID 17; (2) the applicable Market Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MID 17; and (3) the applicable Field Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MIDs 1 - 16A.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.

RATE SCHEDULE TF

RESERVATION RATES	MARKET-TO-MARKET			FIELD-TO- FIELD/MARKET DEMARCATION
	TF12 Base	TF12 Variable	TF5	TFF
Base Tariff Rates 1/				
Summer (Apr-Oct)	136.876033	136.876033	-0-	8.798
Winter (Nov-Mar)	<u>248.976859</u>	<u>339.854120</u>	<u>36.99542.754</u>	<u>15.837</u>

COMMODITY RATES 2/ 3/

TF12 Base, TF12 Var., TF5 & TFF		Market Area 4/	Field Mileage Rate per 100 miles	Out-of Balance	Carlton Surcharge 5/
Receipt Point	Delivery Point	Commodity	Commodity	Commodity	Maximum Minimum
Market	Market	0.0260		0.0260	0.0175 0.0000
Field	Market	0.0260	0.0103		0.0175 0.0000
Market	Field		0.0103		
Field	Field		0.0103	0.0217	

- 1/ The minimum reservation rate is equal to zero.
- 2/ Shipper shall pay the applicable Electric Compression commodity rate as shown in Sheet No. 54 and ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov>.
- 3/ The firm transportation services commodity rates are not discountable. The commodity rate is the maximum and minimum commodity rate. The applicable MIDs commodity rate will be in addition to the TF reservation rates. The MIDs rates shown in Sheet Nos. 59-60A represent the throughput commodity rates for any transaction involving MIDs.
- 4/ There will be no commodity charge for transportation from the Ventura pooling point (POI 78623) to the NBPL/NNG Ventura point (POI 192) and from the Ventura pooling point (POI 78623) to the MID 17 pooling point (POI 71458). In addition, there will be no commodity charge for transportation as set forth in Sheet Nos. 141, 142C and 147.
- 5/ Applicable to Market Area Shippers as provided for in the Carlton Settlement filed in Docket No. RP96-347 dated October 28, 1996.

RATE SCHEDULE TFX

RESERVATION RATES	MARKET-TO-MARKET		FIELD-TO-FIELD	
	Apr-Oct	Nov-Mar	Apr-Oct	Nov-Mar
Base Tariff Rates 1/	\$136.876 0.33	\$36.995 42.754	<u>\$8.798</u>	<u>\$15.837</u>

COMMODITY RATES 2/ 3/

TFX		Market Area 4/	Field Mileage Rate per 100 miles	Out-of-Balance	Carlton Surcharge 5/
Receipt Point	Delivery Point	Commodity	Commodity	Commodity	Maximum Minimum
Market	Market	0.0260		0.0260	0.0175 0.0000
Field	Market	0.0260	0.0103		0.0175 0.0000
Market	Field		0.0103		
Field	Field		0.0103	0.0217	

- 1/ The minimum reservation rate is equal to zero.
- 2/ Shipper shall pay the applicable Electric Compression commodity rate as shown in Sheet No. 54 and ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov>.
- 3/ The firm transportation services commodity rates are not discountable. The commodity rate is the maximum and minimum commodity rate. The applicable MIDs commodity rate will be in addition to the TFX reservation rates. The MIDs rates shown in Sheet Nos. 59-60A represent the throughput commodity rates for any transaction involving MIDs.
- 4/ There will be no commodity charge for transportation from the Ventura pooling point (POI 78623) to the NBPL/NNG Ventura point (POI 192) and from the Ventura pooling point (POI 78623) to the MID 17 pooling point (POI 71458). In addition, there will be no commodity charge for transportation as set forth in Sheet Nos. 141, 142C and 147.
- 5/ Applicable to Market Area Shippers as provided for in the Carlton Settlement filed in Docket No. RP96-347 dated October 28, 1996.

RATE SCHEDULE TI

COMMODITY RATES 1/ 2/

TI		Market Area 3/		Field Mileage Rate per 100 miles		Out-of-Balance		Carlton Surcharge 4/	
Receipt Point	Delivery Point	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
NOVEMBER - MARCH									
Market	Market	1.24294324	0.0260			1.24294324	0.0260	0.0175	
0.0000									
Field	Market	1.24294324	0.0260	0.2572	0.0103			0.0175	0.0000
Market	Field			0.2572	0.0103				
Field	Field			0.2572	0.0103	0.5427	0.0217		
APRIL - OCTOBER									
Market	Market	0.48245534	0.0260			0.48245534	0.0260	0.0000	
0.0000									
Field	Market	0.48245534	0.0260	0.1475	0.0103			0.0000	0.0000
Market	Field			0.1475	0.0103				
Field	Field			0.1475	0.0103	0.3112	0.0217		

- 1/ Shipper shall pay the applicable Electric Compression commodity rate as shown in Sheet No. 54 and ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov>.
- 2/ The MIDs rates shown in Sheet Nos. 59-60A represent the throughput commodity rates for any transaction involving MIDs.
- 3/ There will be no commodity charge for transportation from the Ventura pooling point (POI 78623) to the NBPL/NNG Ventura point (POI 192) and from the Ventura pooling point (POI 78623) to the MID 17 pooling point (POI 71458). In addition, there will be no commodity charge for transportation as set forth in Sheet Nos. 141, 142C and 147.
- 4/ Applicable to Market Area Shippers as provided for in the Carlton Settlement filed in Docket No. RP96-347 dated October 28, 1996.

		Commodity Charges
		Nov-Oct
GS-T COMMODITY THROUGHPUT RATE		
Market Area		1.7149 9817 1/ 2/
Field to Demarcation		1.0282
Field-to-Market		<u>2.7431</u> 3.0099 1/
BEAVER COMPRESSION FEE		
Incidental Jurisdictional Compression Fee		0.0400
WATERVILLE STORAGE		
The Market Area transportation rate, Fuel and UAF is charged for delivery to Waterville storage point (POI 922), or other similarly situated third party storage points in the Market Area. If redelivery from Waterville, or other similarly situated third party storage points, is to a Market Area point, there are no additional transportation, Fuel or UAF charges. If the redelivery is to a Field Area delivery point, the Field Area mileage/MID transportation rate and Fuel is charged.		
CAPACITY RELEASE FEE (Rate per transaction)		
Marketing		Negotiated 3/
DAILY DELIVERY VARIANCE CHARGE:		
Non-SOL/SUL/Critical Day		
Positive DDVC		4/
Negative DDVC		4/
Punitive DDVC		4/
SOL Day		
Positive DDVC		greater of 1.0000 or 1.25 times 5/
Negative DDVC		0.0000
Punitive DDVC		greater of 6/ or 2.0 times 5/
SUL Day		
Positive DDVC		0.0000
Negative DDVC		greater of 1.0000 or 1.25 times 5/
Punitive DDVC		0.0000
Critical Day		
Positive/Critical DDVC		
-First 2%		greater of 15.0000 or 1.50 times 5/
-Next 3%		greater of 22.0000 or 1.75 times 5/
Negative DDVC		0.0000
Punitive/Critical DDVC		
-Level I		greater of 56.5000 or 2.0 times 5/
-Level II		greater of 113.0000 or 3.0 times 5/
AUTHORIZED OVERRUN		
TF, TFX, TI and GS-T Rate Schedules		7/
1/ In addition, Shipper shall pay the applicable Electric Compression commodity rate as shown in Sheet No. 54 and the ACA unit surcharge as posted on FERC's website at https://www.ferc.gov . 2/ There will be no commodity charge for transportation from the Ventura pooling point (POI 78623) to the NBPL/NNG Ventura point (POI 192) and from the Ventura pooling point (POI 78623) to the MID 17 pooling point (POI 71458). In addition, there will be no commodity charge for transportation as set forth in Sheet Nos. 141, 142C and 147. 3/ Northern will assess fee only in those instances outlined in Sheet No. 288. 4/ The rate will be the applicable maximum Winter Season or Summer Season Market Area TI Rate. 5/ The highest published Platts "Gas Daily" Midpoint price on the applicable day at any of the applicable index points of: Market Area - Northern, demarc and Northern, Ventura; or Field Area - Panhandle, Tx.-Okla. and El Paso, Permian. 6/ Charge equal to five (5) times the SMS monthly reservation fee. 7/ The Authorized Overrun Rate shall be equal to the TI rate for the applicable MID path shown in Sheet Nos. 59-60A.		

RATE SCHEDULES FDD, PDD, IDD, ILD & SMS

Rate Schedule FDD

Maximum Reservation Charge	4.3552	1/
Maximum Capacity Charge	0.9065	1/
Injection Charge - Firm	0.0232	
Withdrawal Charge - Firm	0.0232	
Annual Rollover Charge	0.9065	1/

Rate Schedule PDD

Maximum Capacity Charge	0.9065	1/
Maximum Monthly Inventory Charge	0.2188	1/
Injection Charge	0.0232	
Withdrawal Charge	0.0232	
Annual Rollover Charge	0.9065	1/

Rate Schedule IDD

Maximum Monthly Inventory Charge	0.2188	1/
Injection Charge	0.0232	
Withdrawal Charge	0.0232	
Annual Rollover Charge	0.9065	1/

Rate Schedule ILD

Maximum Charge	11.7500
Minimum Charge	0.5044
Performance Obligation Charge	2.0000

Rate Schedule SMS

Reservation Charge	6.1010 7.0499
Commodity Rate	0.0208

1/ Minimum Rate is zero.

Rate Schedule FDD
 2008 Market-Based Rate Expansion

<u>Rate Schedule FDD</u>	Reservation Charge	Capacity Charge	Injection Charge Firm	Withdrawal Charge Firm	100% Load Factor
<u>Shipper</u>					
Cascade Municipal Utilities	3. 49205088	0.7 268303	MAX	MAX	1.50
City of Remsen, Iowa	3. 49205088	0.7 268303	MAX	MAX	1.50
City of West Bend, Iowa	3. 49205088	0.7 268303	MAX	MAX	1.50
Woodbine Municipal Natural Gas Systems	3. 49205088	0.7 268303	MAX	MAX	1.50
Preston Municipal Natural Gas Department	3. 49205088	0.7 268303	MAX	MAX	1.50
City of Whittemore	3. 49205088	0.7 268303	MAX	MAX	1.50
City of Rolfe, Iowa	3. 49205088	0.7 268303	MAX	MAX	1.50
City of Scribner	3. 49205088	0.7 268303	MAX	MAX	1.50
City of Round Lake, MN	3. 49205088	0.7 268303	MAX	MAX	1.50
City of Fairbank	3. 49205088	0.7 268303	MAX	MAX	1.50
Wall Lake Municipal Gas	3. 49205088	0.7 268303	MAX	MAX	1.50
Black Hills Utility Holdings, Inc.	3.2 775943	0.68 2257	MAX	MAX	1.4107
Minnesota Energy Resources Corporation	3.2 758926	0.68 1853	MAX	MAX	1.41
Northern States Power - Generation	3.0 115283	0.6 268303	MAX	MAX	1.30
Southwestern Public Service Co.	3.0 115283	0.6 268303	MAX	MAX	1.30

MILEAGE INDICATOR DISTRICTS (dollars per Dth)											
DELIVERY DISTRICT											
RECEIPT DISTRICT		1	2	3	4	5	6	7	7B	8	9
		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1	TI Apr-Oct	0.0575	0.1387	0.2906	0.4130	0.4646	0.3304	0.3776	0.4971	0.8865	0.7641
	TI Nov-Mar	0.1003	0.2418	0.5067	0.7202	0.8102	0.5761	0.6584	0.8668	1.5458	1.3323
	TF	0.0040	0.0097	0.0203	0.0288	0.0324	0.0231	0.0264	0.0347	0.0619	0.0534
2	TI Apr-Oct	0.0679	0.0103	0.1047	0.2832	0.3673	0.2434	0.3068	0.4263	0.7906	0.6711
	TI Nov-Mar	0.1183	0.0180	0.1826	0.4938	0.6404	0.4244	0.5350	0.7433	1.3786	1.1703
	TF	0.0047	0.0007	0.0073	0.0198	0.0256	0.0170	0.0214	0.0298	0.0552	0.0469
3	TI Apr-Oct	0.4573	0.2965	0.0767	0.0900	0.4027	0.2493	0.1859	0.3053	0.8304	0.7095
	TI Nov-Mar	0.7973	0.5170	0.1337	0.1569	0.7022	0.4347	0.3241	0.5324	1.4480	1.2371
	TF	0.0319	0.0207	0.0054	0.0063	0.0281	0.0174	0.0130	0.0213	0.0580	0.0495
4	TI Apr-Oct	0.4410	0.3924	0.2773	0.0664	0.2434	0.1667	0.2611	0.3806	0.7582	0.6343
	TI Nov-Mar	0.7690	0.6842	0.4835	0.1157	0.4244	0.2906	0.4552	0.6636	1.3220	1.1060
	TF	0.0308	0.0274	0.0194	0.0046	0.0170	0.0116	0.0182	0.0266	0.0529	0.0443
5	TI Apr-Oct	0.4042	0.3643	0.2862	0.2567	0.0398	0.1121	0.2021	0.3216	0.7183	0.5959
	TI Nov-Mar	0.7047	0.6353	0.4990	0.4475	0.0694	0.1955	0.3524	0.5607	1.2526	1.0391
	TF	0.0282	0.0254	0.0200	0.0179	0.0028	0.0078	0.0141	0.0225	0.0502	0.0416
6	TI Apr-Oct	0.2567	0.2050	0.0738	0.1106	0.1519	0.0988	0.1165	0.2360	0.6638	0.4853
	TI Nov-Mar	0.4475	0.3575	0.1286	0.1929	0.2649	0.1723	0.2032	0.4115	1.1574	0.8462
	TF	0.0179	0.0143	0.0052	0.0077	0.0106	0.0069	0.0081	0.0165	0.0464	0.0339
7	TI Apr-Oct	0.4425	0.3850	0.3688	0.2921	0.3127	0.1844	0.1475	0.2670	0.4248	0.3009
	TI Nov-Mar	0.7716	0.6713	0.6430	0.5093	0.5453	0.3215	0.2572	0.4655	0.7407	0.5247
	TF	0.0309	0.0269	0.0258	0.0204	0.0218	0.0129	0.0103	0.0186	0.0297	0.0210
7B	TI Apr-Oct	0.4425	0.3850	0.3688	0.2921	0.3127	0.1844	0.1475	0.0000	0.4248	0.3009
	TI Nov-Mar	0.7716	0.6713	0.6430	0.5093	0.5453	0.3215	0.2572	0.0000	0.7407	0.5247
	TF	0.0309	0.0269	0.0258	0.0204	0.0218	0.0129	0.0103	0.0000	0.0297	0.0210
8	TI Apr-Oct	0.8865	0.8393	0.7759	0.7655	0.7582	0.6121	0.6343	0.5030	0.0118	0.3053
	TI Nov-Mar	1.5458	1.4635	1.3529	1.3349	1.3220	1.0674	1.1060	0.8771	0.0206	0.5324
	TF	0.0619	0.0586	0.0542	0.0535	0.0529	0.0427	0.0443	0.0351	0.0008	0.0213
9	TI Apr-Oct	0.7700	0.7169	0.6446	0.6003	0.5133	0.5236	0.3584	0.2272	0.1873	0.0988
	TI Nov-Mar	1.3426	1.2500	1.1240	1.0468	0.8951	0.9131	0.6250	0.3961	0.3266	0.1723
	TF	0.0538	0.0501	0.0450	0.0419	0.0358	0.0366	0.0250	0.0159	0.0131	0.0069
<u>1</u>	<u>TI Apr-Oct</u>	<u>0.0575</u>	<u>0.1387</u>	<u>0.2906</u>	<u>0.4130</u>	<u>0.4646</u>	<u>0.3304</u>	<u>0.3776</u>	<u>0.4971</u>	<u>0.8865</u>	<u>0.7641</u>
	<u>TI Nov-Mar</u>	<u>0.1003</u>	<u>0.2418</u>	<u>0.5067</u>	<u>0.7202</u>	<u>0.8102</u>	<u>0.5761</u>	<u>0.6584</u>	<u>0.8668</u>	<u>1.5458</u>	<u>1.3323</u>
	<u>TF</u>	<u>0.0040</u>	<u>0.0097</u>	<u>0.0203</u>	<u>0.0288</u>	<u>0.0324</u>	<u>0.0231</u>	<u>0.0264</u>	<u>0.0347</u>	<u>0.0619</u>	<u>0.0534</u>
<u>2</u>	<u>TI Apr-Oct</u>	<u>0.0679</u>	<u>0.0103</u>	<u>0.1047</u>	<u>0.2832</u>	<u>0.3673</u>	<u>0.2434</u>	<u>0.3068</u>	<u>0.4263</u>	<u>0.7906</u>	<u>0.6711</u>
	<u>TI Nov-Mar</u>	<u>0.1183</u>	<u>0.0180</u>	<u>0.1826</u>	<u>0.4938</u>	<u>0.6404</u>	<u>0.4244</u>	<u>0.5350</u>	<u>0.7433</u>	<u>1.3786</u>	<u>1.1703</u>
	<u>TF</u>	<u>0.0047</u>	<u>0.0007</u>	<u>0.0073</u>	<u>0.0198</u>	<u>0.0256</u>	<u>0.0170</u>	<u>0.0214</u>	<u>0.0298</u>	<u>0.0552</u>	<u>0.0469</u>
<u>3</u>	<u>TI Apr-Oct</u>	<u>0.4573</u>	<u>0.2965</u>	<u>0.0767</u>	<u>0.0900</u>	<u>0.4027</u>	<u>0.2493</u>	<u>0.1859</u>	<u>0.3053</u>	<u>0.8304</u>	<u>0.7095</u>
	<u>TI Nov-Mar</u>	<u>0.7973</u>	<u>0.5170</u>	<u>0.1337</u>	<u>0.1569</u>	<u>0.7022</u>	<u>0.4347</u>	<u>0.3241</u>	<u>0.5324</u>	<u>1.4480</u>	<u>1.2371</u>
	<u>TF</u>	<u>0.0319</u>	<u>0.0207</u>	<u>0.0054</u>	<u>0.0063</u>	<u>0.0281</u>	<u>0.0174</u>	<u>0.0130</u>	<u>0.0213</u>	<u>0.0580</u>	<u>0.0495</u>
<u>4</u>	<u>TI Apr-Oct</u>	<u>0.4410</u>	<u>0.3924</u>	<u>0.2773</u>	<u>0.0664</u>	<u>0.2434</u>	<u>0.1667</u>	<u>0.2611</u>	<u>0.3806</u>	<u>0.7582</u>	<u>0.6343</u>
	<u>TI Nov-Mar</u>	<u>0.7690</u>	<u>0.6842</u>	<u>0.4835</u>	<u>0.1157</u>	<u>0.4244</u>	<u>0.2906</u>	<u>0.4552</u>	<u>0.6636</u>	<u>1.3220</u>	<u>1.1060</u>
	<u>TF</u>	<u>0.0308</u>	<u>0.0274</u>	<u>0.0194</u>	<u>0.0046</u>	<u>0.0170</u>	<u>0.0116</u>	<u>0.0182</u>	<u>0.0266</u>	<u>0.0529</u>	<u>0.0443</u>
<u>5</u>	<u>TI Apr-Oct</u>	<u>0.4042</u>	<u>0.3643</u>	<u>0.2862</u>	<u>0.2567</u>	<u>0.0398</u>	<u>0.1121</u>	<u>0.2021</u>	<u>0.3216</u>	<u>0.7183</u>	<u>0.5959</u>
	<u>TI Nov-Mar</u>	<u>0.7047</u>	<u>0.6353</u>	<u>0.4990</u>	<u>0.4475</u>	<u>0.0694</u>	<u>0.1955</u>	<u>0.3524</u>	<u>0.5607</u>	<u>1.2526</u>	<u>1.0391</u>
	<u>TF</u>	<u>0.0282</u>	<u>0.0254</u>	<u>0.0200</u>	<u>0.0179</u>	<u>0.0028</u>	<u>0.0078</u>	<u>0.0141</u>	<u>0.0225</u>	<u>0.0502</u>	<u>0.0416</u>
<u>6</u>	<u>TI Apr-Oct</u>	<u>0.2567</u>	<u>0.2050</u>	<u>0.0738</u>	<u>0.1106</u>	<u>0.1519</u>	<u>0.0988</u>	<u>0.1165</u>	<u>0.2360</u>	<u>0.6638</u>	<u>0.4853</u>
	<u>TI Nov-Mar</u>	<u>0.4475</u>	<u>0.3575</u>	<u>0.1286</u>	<u>0.1929</u>	<u>0.2649</u>	<u>0.1723</u>	<u>0.2032</u>	<u>0.4115</u>	<u>1.1574</u>	<u>0.8462</u>
	<u>TF</u>	<u>0.0179</u>	<u>0.0143</u>	<u>0.0052</u>	<u>0.0077</u>	<u>0.0106</u>	<u>0.0069</u>	<u>0.0081</u>	<u>0.0165</u>	<u>0.0464</u>	<u>0.0339</u>
	<u>TI Apr-Oct</u>	<u>0.4425</u>	<u>0.3850</u>	<u>0.3688</u>	<u>0.2921</u>	<u>0.3127</u>	<u>0.1844</u>	<u>0.1475</u>	<u>0.2670</u>	<u>0.4248</u>	<u>0.3009</u>

7	TI Nov-Mar	0.7716	0.6713	0.6430	0.5093	0.5453	0.3215	0.2572	0.4655	0.7407	0.5247
	TF	0.0309	0.0269	0.0258	0.0204	0.0218	0.0129	0.0103	0.0186	0.0297	0.0210
	TI Apr-Oct	0.4425	0.3850	0.3688	0.2921	0.3127	0.1844	0.1475	0.0000	0.4248	0.3009
7B	TI Nov-Mar	0.7716	0.6713	0.6430	0.5093	0.5453	0.3215	0.2572	0.0000	0.7407	0.5247
	TF	0.0309	0.0269	0.0258	0.0204	0.0218	0.0129	0.0103	0.0000	0.0297	0.0210
	TI Apr-Oct	0.8865	0.8393	0.7759	0.7655	0.7582	0.6121	0.6343	0.5030	0.0118	0.3053
8	TI Nov-Mar	1.5458	1.4635	1.3529	1.3349	1.3220	1.0674	1.1060	0.8771	0.0206	0.5324
	TF	0.0619	0.0586	0.0542	0.0535	0.0529	0.0427	0.0443	0.0351	0.0008	0.0213
	TI Apr-Oct	0.7700	0.7169	0.6446	0.6003	0.5133	0.5236	0.3584	0.2272	0.1873	0.0988
9	TI Nov-Mar	1.3426	1.2500	1.1240	1.0468	0.8951	0.9131	0.6250	0.3961	0.3266	0.1723
	TF	0.0538	0.0501	0.0450	0.0419	0.0358	0.0366	0.0250	0.0159	0.0131	0.0069

NOTE: The MID rates include: (1) the appropriate Market Area Commodity rate for deliveries to MID 17; (2) the applicable Market Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MID 17; and (3) the applicable Field Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MIDs 1 - 16A. "TF" is applicable to Rate Schedules TF and TFX.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.

MILEAGE INDICATOR DISTRICTS (dollars per Dth)
DELIVERY DISTRICT

RECEIPT DISTRICT	1	2	3	4	5	6	7	7B	8	9
TI Apr-Oct 0.7847 0.8113 0.7832 0.6785 0.5649 0.5738 0.4307 0.2994 0.2817 0.2419										
10 TI Nov-Mar 1.3683 1.4146 1.3657 1.1831 0.9851 1.0005 0.7510 0.5221 0.4913 0.4218										
TF 0.0548 0.0567 0.0547 0.0474 0.0394 0.0401 0.0301 0.0209 0.0197 0.0169										
TI Apr-Oct 0.7537 0.6962 0.6298 0.5531 0.5443 0.3053 0.3791 0.2478 0.1578 0.1977										
11 TI Nov-Mar 1.3143 1.2140 1.0982 0.9645 0.9491 0.5324 0.6610 0.4321 0.2752 0.3446										
TF 0.0526 0.0486 0.0440 0.0386 0.0380 0.0213 0.0265 0.0173 0.0110 0.0138										
TI Apr-Oct 0.8157 0.7582 0.7582 0.6461 0.6903 0.5590 0.4396 0.3083 0.2463 0.2331										
12 TI Nov-Mar 1.4223 1.3220 1.3220 1.1265 1.2037 0.9748 0.7665 0.5375 0.4295 0.4064										
TF 0.0570 0.0529 0.0529 0.0451 0.0482 0.0390 0.0307 0.0215 0.0172 0.0163										
TI Apr-Oct 0.7700 0.7685 0.7788 0.6977 0.6992 0.5871 0.4720 0.3407 0.2596 0.2434										
13 TI Nov-Mar 1.3426 1.3400 1.3580 1.2166 1.2191 1.0237 0.8230 0.5941 0.4527 0.4244										
TF 0.0538 0.0537 0.0544 0.0487 0.0488 0.0410 0.0330 0.0238 0.0181 0.0170										
TI Apr-Oct 0.9440 0.9853 0.9396 0.8614 0.7965 0.7552 0.6549 0.5236 0.4573 0.4484										
14 TI Nov-Mar 1.6461 1.7181 1.6384 1.5020 1.3889 1.3169 1.1420 0.9131 0.7973 0.7819										
TF 0.0659 0.0688 0.0656 0.0602 0.0556 0.0527 0.0457 0.0366 0.0319 0.0313										
TI Apr-Oct 1.2420 1.1903 1.1712 1.0546 1.0266 0.9956 0.8835 0.7523 0.6741 0.6608										
15 TI Nov-Mar 2.1656 2.0756 2.0422 1.8390 1.7901 1.7361 1.5406 1.3117 1.1754 1.1523										
TF 0.0867 0.0831 0.0818 0.0736 0.0717 0.0695 0.0617 0.0525 0.0471 0.0461										
TI Apr-Oct 1.0104 0.9455 0.9897 0.8186 0.8821 0.6947 0.6239 0.4927 0.4307 0.4219										
16A TI Nov-Mar 1.7618 1.6487 1.7258 1.4275 1.5381 1.2114 1.0880 0.8590 0.7510 0.7356										
TF 0.0706 0.0660 0.0691 0.0572 0.0616 0.0485 0.0436 0.0344 0.0301 0.0295										
TI Apr-Oct 1.1358 1.0237 1.0340 1.0148 0.9691 0.9396 0.6829 0.5517 0.5472 0.5399										
16B TI Nov-Mar 1.9804 1.7850 1.8030 1.7695 1.6898 1.6384 1.1908 0.9619 0.9542 0.9414										
TF 0.0793 0.0715 0.0722 0.0709 0.0677 0.0656 0.0477 0.0385 0.0382 0.0377										
TI Apr-Oct 1.6638 1.6048 1.3998 1.4529 1.4234 1.3673 1.2552 1.1240 1.0768 1.0679										
17 TI Nov-Mar 2.9012 2.7983 2.4408 2.5334 2.4820 2.3842 2.1888 1.9599 1.8776 1.8621										
TF 0.1162 0.1121 0.0977 0.1015 0.0994 0.0955 0.0877 0.0785 0.0752 0.0746										
TI Apr-Oct 0.7847 0.8113 0.7832 0.6785 0.5649 0.5738 0.4307 0.2994 0.2817 0.2419										
10 TI Nov-Mar 1.3683 1.4146 1.3657 1.1831 0.9851 1.0005 0.7510 0.5221 0.4913 0.4218										
TF 0.0548 0.0567 0.0547 0.0474 0.0394 0.0401 0.0301 0.0209 0.0197 0.0169										
TI Apr-Oct 0.7537 0.6962 0.6298 0.5531 0.5443 0.3053 0.3791 0.2478 0.1578 0.1977										
11 TI Nov-Mar 1.3143 1.2140 1.0982 0.9645 0.9491 0.5324 0.6610 0.4321 0.2752 0.3446										
TF 0.0526 0.0486 0.0440 0.0386 0.0380 0.0213 0.0265 0.0173 0.0110 0.0138										
TI Apr-Oct 0.8157 0.7582 0.7582 0.6461 0.6903 0.5590 0.4396 0.3083 0.2463 0.2331										
12 TI Nov-Mar 1.4223 1.3220 1.3220 1.1265 1.2037 0.9748 0.7665 0.5375 0.4295 0.4064										
TF 0.0570 0.0529 0.0529 0.0451 0.0482 0.0390 0.0307 0.0215 0.0172 0.0163										
TI Apr-Oct 0.7700 0.7685 0.7788 0.6977 0.6992 0.5871 0.4720 0.3407 0.2596 0.2434										
13 TI Nov-Mar 1.3426 1.3400 1.3580 1.2166 1.2191 1.0237 0.8230 0.5941 0.4527 0.4244										
TF 0.0538 0.0537 0.0544 0.0487 0.0488 0.0410 0.0330 0.0238 0.0181 0.0170										
TI Apr-Oct 0.9440 0.9853 0.9396 0.8614 0.7965 0.7552 0.6549 0.5236 0.4573 0.4484										
14 TI Nov-Mar 1.6461 1.7181 1.6384 1.5020 1.3889 1.3169 1.1420 0.9131 0.7973 0.7819										
TF 0.0659 0.0688 0.0656 0.0602 0.0556 0.0527 0.0457 0.0366 0.0319 0.0313										
TI Apr-Oct 1.2420 1.1903 1.1712 1.0546 1.0266 0.9956 0.8835 0.7523 0.6741 0.6608										
15 TI Nov-Mar 2.1656 2.0756 2.0422 1.8390 1.7901 1.7361 1.5406 1.3117 1.1754 1.1523										
TF 0.0867 0.0831 0.0818 0.0736 0.0717 0.0695 0.0617 0.0525 0.0471 0.0461										
TI Apr-Oct 1.0104 0.9455 0.9897 0.8186 0.8821 0.6947 0.6239 0.4927 0.4307 0.4219										
16A TI Nov-Mar 1.7618 1.6487 1.7258 1.4275 1.5381 1.2114 1.0880 0.8590 0.7510 0.7356										
TF 0.0706 0.0660 0.0691 0.0572 0.0616 0.0485 0.0436 0.0344 0.0301 0.0295										
TI Apr-Oct 1.1358 1.0237 1.0340 1.0148 0.9691 0.9396 0.6829 0.5517 0.5472 0.5399										
16B TI Nov-Mar 1.9804 1.7850 1.8030 1.7695 1.6898 1.6384 1.1908 0.9619 0.9542 0.9414										
TF 0.0793 0.0715 0.0722 0.0709 0.0677 0.0656 0.0477 0.0385 0.0382 0.0377										

	TI	Apr-Oct	1.6638	1.6048	1.3998	1.4529	1.4234	1.3673	1.2552	1.1240	1.0768	1.0679
17	TI	Nov-Mar	2.9012	2.7983	2.4408	2.5334	2.4820	2.3842	2.1888	1.9599	1.8776	1.8621
		TF	0.1162	0.1121	0.0977	0.1015	0.0994	0.0955	0.0877	0.0785	0.0752	0.0746

NOTE: MID 16A represents the 14 county area south of the F/M Demarcation point.
 MID 16B represents the F/M Demarcation point.
 MID 17 represents the Market Area.
 "TF" is applicable to Rate Schedules TF and TFX.

NOTE: The MID rates include: (1) the appropriate Market Area Commodity rate for deliveries to MID 17; (2) the applicable Market Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MID 17; and (3) the applicable Field Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MIDs 1 - 16A.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.

MILEAGE INDICATOR DISTRICTS (dollars per Dth)
DELIVERY DISTRICT

RECEIPT DISTRICT	10	11	12	13	14	15	16A	16B	17
TI Apr-Oct	0.9042	0.7301	0.8201	0.8909	1.0178	1.0841	1.0119	1.1358	1.6894
1 TI Nov-Mar	1.5766	1.2731	1.4300	1.5535	1.7747	1.8904	1.7644	1.9804	3.4130
TF	0.0631	0.0510	0.0573	0.0622	0.0711	0.0757	0.0707	0.0793	0.1055
TI Apr-Oct	0.7847	0.6490	0.7242	0.7877	0.9160	1.0827	0.9204	1.0237	1.5773
2 TI Nov-Mar	1.3683	1.1317	1.2629	1.3734	1.5972	1.8878	1.6049	1.7850	3.2176
TF	0.0548	0.0453	0.0506	0.0550	0.0640	0.0756	0.0643	0.0715	0.0977
TI Apr-Oct	0.8098	0.6933	0.7670	0.8319	0.9927	1.1254	0.8437	1.0340	1.5876
3 TI Nov-Mar	1.4120	1.2088	1.3374	1.4506	1.7310	1.9624	1.4712	1.8030	3.2356
TF	0.0565	0.0484	0.0536	0.0581	0.0693	0.0786	0.0589	0.0722	0.0984
TI Apr-Oct	0.7036	0.6151	0.6903	0.7537	0.8894	1.0487	0.8673	1.0148	1.5684
4 TI Nov-Mar	1.2268	1.0725	1.2037	1.3143	1.5509	1.8287	1.5123	1.7695	3.2021
TF	0.0491	0.0430	0.0482	0.0526	0.0621	0.0732	0.0606	0.0709	0.0971
TI Apr-Oct	0.7419	0.5767	0.6520	0.7154	0.7847	0.9883	0.8821	0.9691	1.5227
5 TI Nov-Mar	1.2937	1.0057	1.1368	1.2474	1.3683	1.7232	1.5381	1.6898	3.1224
TF	0.0518	0.0403	0.0455	0.0500	0.0548	0.0690	0.0616	0.0677	0.0939
TI Apr-Oct	0.6741	0.5207	0.5974	0.6608	0.7921	0.9765	0.7847	0.9396	1.4932
6 TI Nov-Mar	1.1754	0.9079	1.0417	1.1523	1.3812	1.7027	1.3683	1.6384	3.0710
TF	0.0471	0.0364	0.0417	0.0461	0.0553	0.0682	0.0548	0.0656	0.0918
TI Apr-Oct	0.4410	0.2832	0.3570	0.4219	0.5561	0.8599	0.5502	0.6829	1.2365
7 TI Nov-Mar	0.7690	0.4938	0.6224	0.7356	0.9696	1.4995	0.9594	1.1908	2.6234
TF	0.0308	0.0198	0.0249	0.0295	0.0388	0.0600	0.0384	0.0477	0.0739
TI Apr-Oct	0.4410	0.2832	0.3570	0.4219	0.5561	0.8599	0.5502	0.6829	1.2365
7B TI Nov-Mar	0.7690	0.4938	0.6224	0.7356	0.9696	1.4995	0.9594	1.1908	2.6234
TF	0.0308	0.0198	0.0249	0.0295	0.0388	0.0600	0.0384	0.0477	0.0739
TI Apr-Oct	0.3216	0.1918	0.2449	0.3098	0.4337	0.6549	0.4130	0.5472	1.1008
8 TI Nov-Mar	0.5607	0.3344	0.4270	0.5401	0.7562	1.1420	0.7202	0.9542	2.3868
TF	0.0225	0.0134	0.0171	0.0216	0.0303	0.0457	0.0288	0.0382	0.0644
TI Apr-Oct	0.2493	0.1121	0.2434	0.2478	0.3909	0.5989	0.4381	0.5399	1.0935
9 TI Nov-Mar	0.4347	0.1955	0.4244	0.4321	0.6816	1.0442	0.7639	0.9414	2.3740
TF	0.0174	0.0078	0.0170	0.0173	0.0273	0.0418	0.0306	0.0377	0.0639
TI Apr-Oct	0.9042	0.7301	0.8201	0.8909	1.0178	1.0841	1.0119	1.1358	1.6184
1 TI Nov-Mar	1.5766	1.2731	1.4300	1.5535	1.7747	1.8904	1.7644	1.9804	3.2235
TF	0.0631	0.0510	0.0573	0.0622	0.0711	0.0757	0.0707	0.0793	0.1055
TI Apr-Oct	0.7847	0.6490	0.7242	0.7877	0.9160	1.0827	0.9204	1.0237	1.5063
2 TI Nov-Mar	1.3683	1.1317	1.2629	1.3734	1.5972	1.8878	1.6049	1.7850	3.0281
TF	0.0548	0.0453	0.0506	0.0550	0.0640	0.0756	0.0643	0.0715	0.0977
TI Apr-Oct	0.8098	0.6933	0.7670	0.8319	0.9927	1.1254	0.8437	1.0340	1.5166
3 TI Nov-Mar	1.4120	1.2088	1.3374	1.4506	1.7310	1.9624	1.4712	1.8030	3.0461
TF	0.0565	0.0484	0.0536	0.0581	0.0693	0.0786	0.0589	0.0722	0.0984
TI Apr-Oct	0.7036	0.6151	0.6903	0.7537	0.8894	1.0487	0.8673	1.0148	1.4974
4 TI Nov-Mar	1.2268	1.0725	1.2037	1.3143	1.5509	1.8287	1.5123	1.7695	3.0126
TF	0.0491	0.0430	0.0482	0.0526	0.0621	0.0732	0.0606	0.0709	0.0971
TI Apr-Oct	0.7419	0.5767	0.6520	0.7154	0.7847	0.9883	0.8821	0.9691	1.4517
5 TI Nov-Mar	1.2937	1.0057	1.1368	1.2474	1.3683	1.7232	1.5381	1.6898	2.9329
TF	0.0518	0.0403	0.0455	0.0500	0.0548	0.0690	0.0616	0.0677	0.0939
TI Apr-Oct	0.6741	0.5207	0.5974	0.6608	0.7921	0.9765	0.7847	0.9396	1.4222
6 TI Nov-Mar	1.1754	0.9079	1.0417	1.1523	1.3812	1.7027	1.3683	1.6384	2.8815
TF	0.0471	0.0364	0.0417	0.0461	0.0553	0.0682	0.0548	0.0656	0.0918
TI Apr-Oct	0.4410	0.2832	0.3570	0.4219	0.5561	0.8599	0.5502	0.6829	1.1655

7	TI Nov-Mar	0.7690	0.4938	0.6224	0.7356	0.9696	1.4995	0.9594	1.1908	2.4339
	TF	0.0308	0.0198	0.0249	0.0295	0.0388	0.0600	0.0384	0.0477	0.0739
	TI Apr-Oct	0.4410	0.2832	0.3570	0.4219	0.5561	0.8599	0.5502	0.6829	1.1655
7B	TI Nov-Mar	0.7690	0.4938	0.6224	0.7356	0.9696	1.4995	0.9594	1.1908	2.4339
	TF	0.0308	0.0198	0.0249	0.0295	0.0388	0.0600	0.0384	0.0477	0.0739
	TI Apr-Oct	0.3216	0.1918	0.2449	0.3098	0.4337	0.6549	0.4130	0.5472	1.0298
8	TI Nov-Mar	0.5607	0.3344	0.4270	0.5401	0.7562	1.1420	0.7202	0.9542	2.1973
	TF	0.0225	0.0134	0.0171	0.0216	0.0303	0.0457	0.0288	0.0382	0.0644
	TI Apr-Oct	0.2493	0.1121	0.2434	0.2478	0.3909	0.5989	0.4381	0.5399	1.0225
9	TI Nov-Mar	0.4347	0.1955	0.4244	0.4321	0.6816	1.0442	0.7639	0.9414	2.1845
	TF	0.0174	0.0078	0.0170	0.0173	0.0273	0.0418	0.0306	0.0377	0.0639

NOTE: MID 16A represents the 14 county area south of the F/M Demarcation point.
 MID 16B represents the F/M Demarcation point.
 MID 17 represents the Market Area.
 "TF" is applicable to Rate Schedules TF and TFX.

NOTE: The MID rates include: (1) the appropriate Market Area Commodity rate for deliveries to MID 17; (2) the applicable Market Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MID 17; and (3) the applicable Field Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MIDs 1 - 16A.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.

MILEAGE INDICATOR DISTRICTS (dollars per Dth)
DELIVERY DISTRICT

RECEIPT DISTRICT	10	11	12	13	14	15	16A	16B	17
TI Apr-Oct	0.0177	0.0723	0.2168	0.2773	0.4101	0.5694	0.3378	0.5369	1.0905
10 TI Nov-Mar	0.0309	0.1260	0.3781	0.4835	0.7150	0.9928	0.5890	0.9362	2.3688
TF	0.0012	0.0050	0.0151	0.0194	0.0286	0.0398	0.0236	0.0375	0.0637
TI Apr-Oct	0.1578	0.0354	0.0649	0.1814	0.3098	0.5030	0.2626	0.4027	0.9563
11 TI Nov-Mar	0.2752	0.0617	0.1132	0.3164	0.5401	0.8771	0.4578	0.7022	2.1348
TF	0.0110	0.0025	0.0045	0.0127	0.0216	0.0351	0.0183	0.0281	0.0543
TI Apr-Oct	0.2463	0.1210	0.1475	0.2257	0.3732	0.5340	0.3584	0.5030	1.0566
12 TI Nov-Mar	0.4295	0.2109	0.2572	0.3935	0.6507	0.9311	0.6250	0.8771	2.3097
TF	0.0172	0.0084	0.0103	0.0158	0.0261	0.0373	0.0250	0.0351	0.0613
TI Apr-Oct	0.3230	0.1254	0.1844	0.0826	0.1829	0.3938	0.1490	0.2906	0.8442
13 TI Nov-Mar	0.5633	0.2186	0.3215	0.1440	0.3189	0.6867	0.2598	0.5067	1.9393
TF	0.0226	0.0088	0.0129	0.0058	0.0128	0.0275	0.0104	0.0203	0.0465
TI Apr-Oct	0.2847	0.3201	0.3997	0.1254	0.0354	0.5045	0.2832	0.4322	0.9858
14 TI Nov-Mar	0.4964	0.5581	0.6970	0.2186	0.0617	0.8796	0.4938	0.7536	2.1862
TF	0.0199	0.0224	0.0279	0.0088	0.0025	0.0352	0.0198	0.0302	0.0564
TI Apr-Oct	0.6446	0.5177	0.6018	0.3820	0.5236	0.0369	0.2522	0.3865	0.9401
15 TI Nov-Mar	1.1240	0.9028	1.0494	0.6661	0.9131	0.0643	0.4398	0.6739	2.1065
TF	0.0450	0.0362	0.0420	0.0267	0.0366	0.0026	0.0176	0.0270	0.0532
TI Apr-Oct	0.4882	0.2817	0.3629	0.1490	0.2891	0.2419	0.0251	0.1387	0.6923
16A TI Nov-Mar	0.8513	0.4913	0.6327	0.2598	0.5041	0.4218	0.0437	0.2418	1.6744
TF	0.0341	0.0197	0.0253	0.0104	0.0202	0.0169	0.0018	0.0097	0.0359
TI Apr-Oct	0.5369	0.4027	0.5030	0.2906	0.4322	0.3865	0.1387	0.0000	0.5536
16B TI Nov-Mar	0.9362	0.7022	0.8771	0.5067	0.7536	0.6739	0.2418	0.0000	1.4326
TF	0.0375	0.0281	0.0351	0.0203	0.0302	0.0270	0.0097	0.0000	0.0262
TI Apr-Oct	1.0841	0.9263	1.0089	0.7655	0.5458	0.5620	0.4307	0.6195	0.5536
17 TI Nov-Mar	1.8904	1.6152	1.7592	1.3349	0.9516	0.9799	0.7510	1.0802	1.4326
TF	0.0757	0.0647	0.0705	0.0535	0.0381	0.0392	0.0301	0.0433	0.0262
TI Apr-Oct	0.0177	0.0723	0.2168	0.2773	0.4101	0.5694	0.3378	0.5369	1.0195
10 TI Nov-Mar	0.0309	0.1260	0.3781	0.4835	0.7150	0.9928	0.5890	0.9362	2.1793
TF	0.0012	0.0050	0.0151	0.0194	0.0286	0.0398	0.0236	0.0375	0.0637
TI Apr-Oct	0.1578	0.0354	0.0649	0.1814	0.3098	0.5030	0.2626	0.4027	0.8853
11 TI Nov-Mar	0.2752	0.0617	0.1132	0.3164	0.5401	0.8771	0.4578	0.7022	1.9453
TF	0.0110	0.0025	0.0045	0.0127	0.0216	0.0351	0.0183	0.0281	0.0543
TI Apr-Oct	0.2463	0.1210	0.1475	0.2257	0.3732	0.5340	0.3584	0.5030	0.9856
12 TI Nov-Mar	0.4295	0.2109	0.2572	0.3935	0.6507	0.9311	0.6250	0.8771	2.1202
TF	0.0172	0.0084	0.0103	0.0158	0.0261	0.0373	0.0250	0.0351	0.0613
TI Apr-Oct	0.3230	0.1254	0.1844	0.0826	0.1829	0.3938	0.1490	0.2906	0.7732
13 TI Nov-Mar	0.5633	0.2186	0.3215	0.1440	0.3189	0.6867	0.2598	0.5067	1.7498
TF	0.0226	0.0088	0.0129	0.0058	0.0128	0.0275	0.0104	0.0203	0.0465
TI Apr-Oct	0.2847	0.3201	0.3997	0.1254	0.0354	0.5045	0.2832	0.4322	0.9148
14 TI Nov-Mar	0.4964	0.5581	0.6970	0.2186	0.0617	0.8796	0.4938	0.7536	1.9967
TF	0.0199	0.0224	0.0279	0.0088	0.0025	0.0352	0.0198	0.0302	0.0564
TI Apr-Oct	0.6446	0.5177	0.6018	0.3820	0.5236	0.0369	0.2522	0.3865	0.8691
15 TI Nov-Mar	1.1240	0.9028	1.0494	0.6661	0.9131	0.0643	0.4398	0.6739	1.9170
TF	0.0450	0.0362	0.0420	0.0267	0.0366	0.0026	0.0176	0.0270	0.0532
TI Apr-Oct	0.4882	0.2817	0.3629	0.1490	0.2891	0.2419	0.0251	0.1387	0.6213
16A TI Nov-Mar	0.8513	0.4913	0.6327	0.2598	0.5041	0.4218	0.0437	0.2418	1.4849
TF	0.0341	0.0197	0.0253	0.0104	0.0202	0.0169	0.0018	0.0097	0.0359
TI Apr-Oct	0.5369	0.4027	0.5030	0.2906	0.4322	0.3865	0.1387	0.0000	0.4826
16B TI Nov-Mar	0.9362	0.7022	0.8771	0.5067	0.7536	0.6739	0.2418	0.0000	1.2431
TF	0.0375	0.0281	0.0351	0.0203	0.0302	0.0270	0.0097	0.0000	0.0262

	TI Apr-Oct	1.0841	0.9263	1.0089	0.7655	0.5458	0.5620	0.4307	0.6195	0.4826
17	TI Nov-Mar	1.8904	1.6152	1.7592	1.3349	0.9516	0.9799	0.7510	1.0802	1.2431
	TF	0.0757	0.0647	0.0705	0.0535	0.0381	0.0392	0.0301	0.0433	0.0262

NOTE: MID 16A represents the 14 county area south of the F/M Demarcation point.
 MID 16B represents the F/M Demarcation point.
 MID 17 represents the Market Area.
 "TF" is applicable to Rate Schedules TF and TFX.

NOTE: The MID rates include: (1) the appropriate Market Area Commodity rate for deliveries to MID 17; (2) the applicable Market Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MID 17; and (3) the applicable Field Area Electric Compression commodity rate as set forth in Sheet No. 54 for deliveries to MIDs 1 - 16A.

In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <https://www.ferc.gov> and the Carlton surcharge, if applicable.