



414 Nicollet Mall  
Minneapolis, MN 55401

September 29, 2015

—Via Electronic Filing—

Executive Secretary  
North Dakota Public Service Commission  
State Capitol Building, Dept. 408  
600 East Boulevard  
Bismarck, North Dakota 58505-0480

RE: COST OF GAS RIDER CHANGE

Dear Executive Secretary:

Northern States Power Company, doing business as Xcel Energy, is filing this COG for gas used on and after October 1, 2015 in North Dakota. The attached schedules show the new gas cost supporting worksheets and applicable pipeline tariff sheets.

The net effect of the COG is a decrease to the Residential rate by \$0.00525 per therm from the September COG rate, 1.58%, or \$0.24 for a typical October North Dakota Residential customer using 45 therms. Compared to September, the Commercial/Industrial price is 1.19% lower and the Interruptible prices are 1.31-1.45% lower.

The decrease is a result of decreased commodity costs. The commodity costs decreased because of seasonal weather patterns and higher than forecasted storage levels. Compared to last October, prices are 30-36% lower.

The cost-of-gas rates for October are as follows:

<u>Customer Class:</u>	<u>\$/therm</u>
Residential	\$0.32632
Commercial/Industrial	\$0.32747
Small & Large Interruptible	\$0.30632

Please contact John Lyfoung at [john.lyfoung@xcelenergy.com](mailto:john.lyfoung@xcelenergy.com) or (612)330-6538 or me at [amy.a.liberkowski@xcelenergy.com](mailto:amy.a.liberkowski@xcelenergy.com) or (612)330-6613 if you have questions regarding this filing.

Sincerely,

/s/

AMY LIBERKOWSKI  
MANAGER, REGULATORY ANALYSIS

Enclosures

Class	Component	Distribution Charge	Cost of Gas	Total Rate
Residential	Basic Service	\$18.48		\$18.48
	Commodity	\$0.00000	\$0.32632	\$0.32632
Commercial/Industrial	Basic Service	\$30.00		\$30.00
	Commodity	\$0.10800	\$0.32747	\$0.43547
Small Interruptible	Basic Service	\$75.00		\$75.00
	Commodity	\$0.08800	\$0.30632	\$0.39432
Large Interruptible	Basic Service	\$275.00		\$275.00
	Commodity	\$0.05120	\$0.30632	\$0.35752

Units:

Customer Charge - \$ per month

Commodity Charge - \$ per therm

**COST OF GAS SUMMARY BY CLASS - NORTH DAKOTA**

October 1, 2015

		NATURAL GAS COST COMPONENT		
		1	2	3
<b>Cost Summary</b>	Ref	Prior Cost	Current Adjusts	Current Cost
Annual Demand	(a)	0.04211	0.00000	0.04211
<u>Commodity</u>				
Residential	(b)	0.28432	-0.00525	0.27907
C & I	(b)	0.28432	-0.00525	0.27907
Sm Interruptible	(b)	0.28432	-0.00525	0.27907
Large Interruptible	(b)	0.28432	-0.00525	0.27907

BILLING COST OF GAS BY CLASS (From Column 3)				
<b>Class Summary</b>	Residential	C&I	Small Interruptible	Large Interruptible
Annual Demand	0.04211	0.04211	N / A	N / A
Commodity	0.27907	0.27907	0.27907	0.27907
SUBTOTAL	0.32118	0.32118	0.27907	0.27907
TRUE-UP	0.00514	0.00629	0.02725	0.02725
TOTAL COG	0.32632	0.32747	0.30632	0.30632

**DERIVATION OF CURRENT COSTS - NORTH DAKOTA**

October 1, 2015

	<u>12-Month Cost</u>	<u>Winter Cost</u>	Total Cost
<b><u>Demand Cost (Residential and Commercial Firm)</u></b>			
1. System Demand Detail Total	\$31,647,224	\$23,658,348	
2. <u>x North Dakota Design Day Ratio</u>	<u>11.58%</u>	<u>11.58%</u>	
3. North Dakota System Demand Allocation	\$3,664,749	\$2,739,637	
4. ND Annual / Seasonal Firm Therm Sales (Forecast)	87,021,508	65,000,489	
5. Demand Unit Cost \$/Therm	\$0.04211	\$0.00000	\$0.04211 (a)
<b><u>Commodity Cost</u></b>			
6. NNG Annual/Best Effort/Viking/WBI/Xcel Energy Peakshaving			\$12,943,319
7. <u>x ND Portion of Monthly Retail Sales</u>		<u>13.13%</u>	
8. ND Portion of Monthly Commodity Costs			\$1,699,458
9. ND Budgeted Calendar Month Retail Therm Sales			6,089,807
10. Commodity Unit Cost \$/Therm (8 / 9)			\$0.27907 (b)
11. Hedging Cost per Therm (informational)	\$0.00000		
<b><u>Total Gas Cost per Therm</u></b>			
12. Residential/Commercial & Industrial			<b>\$0.32118</b> (a) + (b)
13. Small and Large Interruptible Commodity			<b>\$0.27907</b> (b)



**MONTHLY TRUE-UP ESTIMATE OF GAS COST RECOVERY - NORTH DAKOTA**

July 2015 through August 2015

<u>ND Gas Cost Recovery</u>	2015						2016					
	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>
Residential	\$167,000	\$138,344	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Commercial & Industrial	\$392,129	\$362,694	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Small Interruptible	\$78,668	\$73,798	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Large Interruptible	\$200,107	\$206,659	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$837,904</b>	<b>\$781,495</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<u>MN-Company Gas Costs</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>
Demand	\$3,023,812	\$2,895,208	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Commodity	\$8,341,313	\$7,490,890	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Peak Shaving	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs</b>	<b>\$11,365,125</b>	<b>\$10,386,098</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<u>ND Allocation Factors</u>												
Weighted Avg Demand *	0.1158	0.1158	0.1158	0.1158	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Commodity (Monthly Sales)	0.1229	0.1259	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Peak Shaving (Monthly Sales)	0.1229	0.1259	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<u>ND Gas Costs</u>												
Demand	\$350,157	\$335,265	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Commodity	\$1,025,147	\$943,103	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Peak Shaving	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Costs</b>	<b>\$1,375,304</b>	<b>\$1,278,368</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Over (Under) Recovery	(\$537,400)	(\$496,873)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Deferred Tax (@40.73%)	(\$218,883)	(\$202,376)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Balance	(\$318,517)	(\$294,497)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Net Balance	(\$318,517)	(\$613,014)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Interest Rate	0.03%	0.07%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Monthly Interest	\$0	(\$223)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Interest		(\$223)	(\$223)	(\$223)	(\$223)	(\$223)	(\$223)	(\$223)	(\$223)	(\$223)	(\$223)	(\$223)

\* Wtd Average of Design Day (Schd A, Pg 3)

**PUBLIC DOCUMENT**  
**TRADE SECRET DATA EXCISED**

**Purchased Gas Adjustment, October 2015**  
**Northern States Power Company**  
**Demand Charge Detail**

Type	Pipeline	Service Type/ Supplier	Volume Dth per Day	Monthly Demand Rate	No. of Months	Total Annual Cost		12-Month Cost	Winter-Month Cost
						by Supplier	by Pipeline		
<i>FIRM TRANSPORT</i>									
NNG		TF12 112183 (Base)	104,117	\$10.2300	5	\$5,325,584.55		\$5,325,584.55	
		TF12 112183 (Base)	104,117	\$5.6830	7	\$4,141,878.38		\$4,141,878.38	
		TF12 112183 (Variable)	0	\$13.8660	5	\$0.00		\$0.00	
		TF12 112183 (Variable)	0	\$5.6830	7	\$0.00		\$0.00	
		TF5 112183	62,415	\$15.1530	5	\$4,728,872.48			\$4,728,872.48
		TF12 112182 (Base) C/R	4,073	\$4.0471	12	\$197,806.06		\$197,806.06	
		TF12 112182 (Base) LE	0	\$4.6551	12	\$0.00		\$0.00	
		TF12 112182 (Base) Hugo	30,118	\$4.1991	12	\$1,517,621.93		\$1,517,621.93	
		TF12 112182 (Variable) C/R	27,728	\$4.0471	12	\$1,346,615.87		\$1,346,615.87	
		TF12 112182 (Variable) LE	32,608	\$4.6551	12	\$1,821,522.01		\$1,821,522.01	
		TF12 112182 (Variable) Hugo	0	\$4.1991	12	\$0.00		\$0.00	
		TF5 112182 C/R	13,233	\$4.0471	5	\$267,776.37			\$267,776.37
		TF5 112182 LE	15,338	\$4.6551	5	\$356,999.62			\$356,999.62
		TF5 112182 Hugo	1,028	\$4.1991	5	\$21,583.37			\$21,583.37
		TFX 112185 C/R	1,680	\$4.3511	12	\$87,718.18		\$87,718.18	
		TFX 112185 Hugo	6,493	\$4.1991	5	\$136,323.78		\$136,323.78	
		TFX 112185 C/R	48,576	\$4.0471	5	\$982,959.65			\$982,959.65
		TFX 112185 LE	2,270	\$4.6551	5	\$52,835.39			\$52,835.39
		TFX 112185 Hugo	7,338	\$4.1991	5	\$154,064.98			\$154,064.98
		TFX 112185 Hugo	10,000	\$3.4391	12	\$412,692.00		\$412,692.00	
		TFX 112185 Hugo	2,168	\$4.1991	2	\$18,207.30		\$18,207.30	
		TFX 112185 LE	10,000	\$5.7727	5	\$288,635.00			\$288,635.00
		TFX 112185 LE	10,000	\$4.8991	7	\$342,937.00		\$342,937.00	
		TFX 112186	49,005	\$15.1530	5	\$3,712,863.83			\$3,712,863.83
		TFX 112186	27,253	\$5.6830	5	\$774,394.00		\$774,394.00	
		TFX 112186	7,950	\$5.6830	2	\$90,359.70		\$90,359.70	
		TFX 112184	25,000	\$12.5000	5	\$1,562,500.00			\$1,562,500.00
		TFX 122067	6,729	\$9.0263	5	\$303,689.86			\$303,689.86
		TFX 122067	6,729	\$4.3991	7	\$207,210.81		\$207,210.81	
		TFX 122068	8,875	\$15.1530	5	\$672,414.38			\$672,414.38
		TFX 122068	8,875	\$5.6830	7	\$353,056.38		\$353,056.38	
		TFX 111739	28,500	\$15.1530	5	\$2,159,302.50			\$2,159,302.50
		TFX 128226	5,629	\$15.1530	5	\$426,481.19			\$426,481.19
						<b>\$32,464,906.57</b>			
VGT		FTA AF0156	72,213	\$5.3593	12	\$4,644,133.57		\$4,644,133.57	
		FTA AF0044	4,239	\$4.3706	5	\$92,634.87			\$92,634.87
		FTA AF0044	29,002	\$4.3706	12	\$1,521,073.69		\$1,521,073.69	
		FTA AF0103	10,000	\$4.3706	12	\$524,472.00		\$524,472.00	
		FTA AF0037	15,600	\$5.3593	12	\$1,003,260.96		\$1,003,260.96	
		FTA AF0116	1,903	\$4.3706	12	\$99,807.02		\$99,807.02	
		FTA AF0218	15,000	\$5.3593	12	\$964,674.00		\$964,674.00	
						<b>\$8,850,056.11</b>			
ANR		FTS 114492	66,500	\$5.3660	12	\$4,282,068.00		\$4,282,068.00	
		FTS 106209	4,829	\$9.1600	12	\$530,803.68		\$530,803.68	
		FTS 106211	15,171	\$4.1600	5	\$315,556.80			\$315,556.80
		FTS 106211	4,935	\$4.1600	7	\$143,707.20			\$143,707.20
						<b>\$5,272,135.68</b>			
GLT		FT17836	3,509	\$9.4560	5	\$165,905.52			\$165,905.52
		FT17836	4,475	\$9.4560	7	\$296,209.20		\$296,209.20	
		FT18071	9,248	\$14.6460	5	\$677,231.04			\$677,231.04
		FT18130	895	\$11.4420	7	\$71,684.13		\$71,684.13	
						<b>\$1,211,029.89</b>			
WBI		FT-1097	8,000	\$9.2100	12	\$884,160.00		\$884,160.00	
		FT-1125	461	\$9.2100	12	\$50,949.72		\$50,949.72	
						<b>\$935,109.72</b>			
<i>Subtotal Firm Transport:</i>						<b>\$48,733,237.97</b>		<b>\$31,647,223.92</b>	<b>\$17,086,014.05</b>

*3rd PARTY SUPPLIES*  
[TRADE SECRET BEGINS]

TRADE SECRET ENDS]

\$1,585,900.00	\$0.00	\$1,585,900.00
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**TRADE SECRET DATA EXCISED**

**Purchased Gas Adjustment, October 2015**  
**Northern States Power Company**  
**Demand Charge Detail**

Type	Pipeline	Service Type/ Supplier	Volume Dth per Day	Monthly Demand Rate	No. of Months	Total Annual Cost		12-Month Cost	Winter-Month Cost
						by Supplier	by Pipeline		
<i>STORAGE</i>									
	ANR	ANRP: R	15,344	\$2.0400	12	\$375,621.12	\$375,621.12		\$375,621.12
	ANRS	ANRS: R	9,248	\$1.09240	12	\$121,230.18	\$121,230.18		\$121,230.18
	NNG	FDD: R	140,230	\$1.7140	12	\$2,884,250.64			\$2,884,250.64
		FDD: R	78,050	\$1.7140	12	<u>\$1,605,332.40</u>	<u>\$4,489,583.04</u>		<u>\$1,605,332.40</u>
	<i>Subtotal Storage:</i>						\$4,986,434.34		\$4,986,434.34
<b>TOTAL MN/ND ALLOCATED DEMAND:</b>						<b><u>\$55,305,572.31</u></b>	<b><u>\$31,647,223.92</u></b>		<b><u>\$23,658,348.39</u></b>

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**TRADE SECRET DATA EXCISED**

**Purchased Gas Adjustment, October 2015**  
**Northern States Power Company**  
**Demand Charge Detail Supporting Worksheet**

***NNG Firm Transportation - TF12 Base 112183***

<u>TF12B Annual Dollars</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	104,117	104,117	Contract
times Total Rate	\$10.230	\$5.683	See detail below
times Month/Year	<u>5</u>	<u>7</u>	
Annual Total	\$5,325,584.55	\$4,141,878.38	
	<u>Rate</u>	<u>Rate</u>	
	Nov-Mar	Apr-Oct	
<u>Cost Components</u>	<u>(\$/Dth)</u>	<u>(\$/Dth)</u>	<u>Source</u>
Base Tariff Rate - TF12	\$10.230	\$5.683	see Note 1

***NNG Firm Transportation - TF12 Variable 112183***

<u>TF12V Annual Dollars</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	0	0	Contract
times Total Rate	\$13.866	\$5.683	See detail below
times Month/Year	<u>5</u>	<u>7</u>	
Annual Total	\$0.00	\$0.00	
	<u>Rate</u>	<u>Rate</u>	
	Nov-Mar	Apr-Oct	
<u>Cost Components</u>	<u>(\$/Dth)</u>	<u>(\$/Dth)</u>	<u>Source</u>
Base Tariff Rate - TF12V	\$13.866	\$5.683	see Note 1

***NNG Firm Transportation - TF5 112183***

<u>TF5 Annual Dollars</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	62,415	Contract
times Total Rate	\$15.153	See detail below
times Month/Year	<u>5</u>	
Annual Total	\$4,728,872.48	
	<u>Rate</u>	
	Nov-Mar	
<u>Cost Components</u>	<u>(\$/Dth)</u>	<u>Source</u>
Base Tariff Rate - TF5	\$15.153	see Note 1

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**Purchased Gas Adjustment, October 2015**  
**Northern States Power Company**  
**Demand Charge Detail Supporting Worksheet**

<b>NNG Firm Transportation - TF12 Base 112182</b>				
TF12B Annual Dollars	Cedar/Rosemount	Lake Elmo	Hugo	
<u>Discount Rate</u>	<u>Value</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	4,073	0	30,118	Contract
times Discounted Rate	\$4.047	\$4.655	\$4.199	Contract
<u>times Month/Year</u>	<u>12</u>	<u>12</u>	<u>12</u>	<u>Contract</u>
Annual Total	\$197,806.06	\$0.00	\$1,517,621.93	\$1,715,427.99
TF12B Annual Dollars	Firm Transport	Firm Transport	Firm Transport	
<u>Full Rate (No Discount)</u>	<u>Value</u>	<u>Value</u>	<u>Value</u>	
Volume (Dth)	4,073	0	30,118	
Annual Total	\$370,361.96	\$0.00	\$2,738,659.86	\$3,109,021.82
TF12B Annual Savings				\$1,393,593.84

<b>NNG Firm Transportation - TF12 Variable 112182</b>				
TF12V Annual Dollars	Cedar/Rosemount	Lake Elmo	Hugo	
<u>Discount Rate</u>	<u>Value</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	27,728	32,608	0	Contract
times Discounted Rate	\$4.047	\$4.655	\$4.199	Contract
<u>times Month/Year</u>	<u>12</u>	<u>12</u>	<u>12</u>	<u>Contract</u>
Annual Total	\$1,346,615.87	\$1,821,522.01	\$0.00	\$3,168,137.88
TF12V Annual Dollars	Firm Transport	Firm Transport	Firm Transport	
<u>Full Rate (No Discount)</u>	<u>Value</u>	<u>Value</u>	<u>Value</u>	
Volume (Dth)	27,728	32,608	0	
Annual Total	\$3,025,429.81	\$3,557,891.49	\$0.00	\$6,583,321.30
TF12V Annual Savings				\$3,415,183.42

<b>NNG Firm Transportation - TF5 112182</b>				
TF5 Annual Dollars	Cedar/Rosemount	Lake Elmo	Hugo	
<u>Discount Rate</u>	<u>Value</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	13,233	15,338	1,028	Contract
times Discounted Rate	\$4.047	\$4.655	\$4.199	Contract
<u>times Month/Year</u>	<u>5</u>	<u>5</u>	<u>5</u>	<u>Contract</u>
Annual Total	\$267,776.37	\$356,999.62	\$21,583.37	\$646,359.36
TF5 Annual Dollars	Firm Transport	Firm Transport	Firm Transport	
<u>Full Rate (No Discount)</u>	<u>Value</u>	<u>Value</u>	<u>Value</u>	
Volume (Dth)	13,233	15,338	1,028	
times Total Rate	\$15.153	\$15.153	\$15.153	
<u>times Month/Year</u>	<u>5</u>	<u>5</u>	<u>5</u>	
Annual Total	\$1,002,598.25	\$1,162,083.57	\$77,886.42	\$2,242,568.24
TF5 Annual Savings				\$1,596,208.87

**PUBLIC DOCUMENT**  
**TRADE SECRET DATA EXCISED**

**Purchased Gas Adjustment, October 2015**  
**Northern States Power Company**  
**Demand Charge Detail Supporting Worksheet**

<b>NNG Firm Transportation - TFX 112185</b>				
TFX Annual Dollars	Cedar/Rosemount	Lake Elmo	Hugo	
<u>Discount Rate</u>	<u>Value</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	48,576	2,270	7,338	Contract
times Discounted Rate	\$4.047	\$4.655	\$4.199	Contract
times Month/Year	5	5	5	Contract
Annual Total	\$982,959.65	\$52,835.39	\$154,064.98	\$1,189,860.01
TFX Annual Dollars	Firm Transport	Firm Transport	Firm Transport	
<u>Full Rate (No Discount)</u>	<u>Value</u>	<u>Value</u>	<u>Value</u>	
Volume (Dth)	48,576	2,270	7,338	
times Total Rate	\$15.153	\$15.153	\$15.153	
times Month/Year	5	5	5	
Annual Total	\$3,680,360.64	\$171,986.55	\$555,963.57	\$4,408,310.76
TFX Annual Savings				\$3,218,450.75

<b>NNG Firm Transportation - TFX 112185</b>				
TFX Annual Dollars	Cedar/Rosemount	Hugo		
<u>Discount Rate</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>	<u>Source</u>
Volume (Dth)	1,680	6,493	2,168	Contract
times Discounted Rate	\$4.351	\$4.199	\$4.199	Contract
times Month/Year	12	5	2	Contract
Annual Total	\$87,718.18	\$136,323.78	\$18,207.30	\$242,249.26
TFX Annual Dollars	Firm Transport	Firm Transport	Firm Transport	
<u>Full Rate (No Discount)</u>	<u>Value</u>	<u>Value</u>	<u>Value</u>	
Volume (Dth)	1,680	6,493	2,168	
Annual Total	\$194,117.28	\$184,498.60	\$24,641.49	\$403,257.36
TFX Annual Savings				\$161,008.11

<b>NNG Firm Transportation - TFX 112185 Growth Option</b>				
TFX Annual Dollars	Hugo	Lake Elmo	Lake Elmo	
<u>Discount Rate</u>	<u>Value</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	10,000	10,000	10,000	Contract
times Discounted Rate	\$3.439	\$5.773	\$4.899	Contract
times Month/Year	12	5	7	Contract
Annual Total	\$412,692.00	\$288,635.00	\$342,937.00	\$1,044,264.00
TFX Annual Dollars	Firm Transport	Firm Transport		
<u>Full Rate (No Discount)</u>	<u>Value</u>	<u>Value</u>		
Volume (Dth)	10,000	10,000		
Annual Total	\$1,155,460.00	\$1,155,460.00	\$2,310,920.00	
TFX Annual Savings			\$1,266,656.00	

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**NNG Firm Transportation - TFX 112186**

<u>TFX Annual Dollars</u>	<u>Value</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	49,005	27,253	7,950	Contract
times Total Rate	\$15.153	\$5.683	\$5.683	See Detail Below
<u>times Month/Year</u>	<u>5</u>	<u>5</u>	<u>2</u>	Contract
Annual Total	\$3,712,863.83	\$774,394.00	\$90,359.70	\$4,577,617.52

  

	<u>Rate</u>	<u>Rate</u>	<u>Source</u>
<u>Cost Components</u>	<u>Nov-Mar</u>	<u>Apr-Oct</u>	
	<u>(\$/Dth)</u>	<u>(\$/Dth)</u>	
Base Tariff Rate - TFX	\$15.153	\$5.683	see Note 2

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**NNG Firm Transportation - TFX 112184**

<u>TFX Annual Dollars</u>	<u>Value</u>	<u>Source</u>
<u>Discount Rate</u>		
Volume (Dth)	25,000	Contract
times Discounted Rate	\$12.500	Contract
<u>times Month/Year</u>	<u>5</u>	Contract
Annual Total	\$1,562,500.00	

  

<u>TFX Annual Dollars</u>	<u>Firm Transport</u>	<u>Value</u>
<u>Full Rate (No Discount)</u>		
Volume (Dth)	25,000	
times Total Rate	\$15.153	
<u>times Month/Year</u>	<u>5</u>	
Annual Total	\$1,894,125.00	
TFX Annual Savings		\$331,625.00

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**NNG Firm Transportation - TFX 111739**

<u>TFX12 Annual Dollars</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	28,500		Contract
times Total Rate	\$15.153		See detail below
<u>times Month/Year</u>	<u>5</u>		
Annual Total	\$2,159,302.50	\$0.00	

  

	<u>Rate</u>	<u>Rate</u>	<u>Source</u>
<u>Cost Components</u>	<u>Nov-Mar</u>	<u>Apr-Oct</u>	
	<u>(\$/Dth)</u>	<u>(\$/Dth)</u>	
Base Tariff Rate - TFX	\$15.153	\$5.683	see Note 2

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**NNG Firm Transportation - TFX 122067**

<u>TFX12 Annual Dollars</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	6,729	6,729	Contract
times Total Rate	\$9.026	\$4.399	See detail below
<u>times Month/Year</u>	<u>5</u>	<u>7</u>	
Annual Total	\$303,689.86	\$207,210.81	

  

	<u>Rate</u>	<u>Rate</u>
<u>Cost Components</u>	<u>Nov-Mar</u>	<u>Apr-Oct</u>
	<u>(\$/Dth)</u>	<u>(\$/Dth)</u>
Base Tariff Rate - TFX	\$9.026	\$4.399

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**NNG Firm Transportation - TFX 122068**

<u>TFX12 Annual Dollars</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	8,875	8,875	Contract
times Total Rate	\$15.153	\$5.683	See detail below
times Month/Year	5	7	
Annual Total	\$672,414.38	\$353,056.38	
	<u>Rate</u>	<u>Rate</u>	
	Nov-Mar	Apr-Oct	
<u>Cost Components</u>	<u>(\$/Dth)</u>	<u>(\$/Dth)</u>	<u>Source</u>
Base Tariff Rate - TFX	\$15.153	\$5.683	see Note 2

**NNG Firm Transportation - TFX 128226**

<u>TFX12 Annual Dollars</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	5,629	Contract
times Total Rate	\$15.153	See detail below
times Month/Year	5	
Annual Total	\$426,481.19	
	<u>Rate</u>	
	Nov-Mar	
<u>Cost Components</u>	<u>(\$/Dth)</u>	<u>Source</u>
Base Tariff Rate - TFX	\$15.153	see Note 2

**VGT Firm Transportation - FTA AF0156**

<u>FT-A Annual Dollars</u>	<u>Value</u>	<u>Source</u>	
Volume (Dth)	72,213	Contract	
times Total Rate	\$5.3593	See detail below	
times Month/Year	12		
Annual Total	\$4,644,133.57		
<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>	<u>Term</u>
Base Tariff Rate: Cat 3; Zone 1-2	\$5.3593	See Note 3	> 5 Years

**VGT Firm Transportation - FTA AF0044**

<u>FT-A Annual Dollars</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	4,239	29,002	Contract
times Total Rate	\$4.3706	\$4.3706	See detail below
times Month/Year	5	12	
Annual Total	\$92,634.87	\$1,521,073.69	
	<u>Rate</u>	<u>Source</u>	<u>Term</u>
	(\$/Dth)		
<u>Cost Components</u>			
Base Tariff Rate: Cat 3 FTA Zone 1-1	\$4.3706	See Note 3	> 5 Years

**VGT Firm Transportation - FTA AF0103**

<u>FT-A Annual Dollars</u>	<u>Value</u>	<u>Source</u>	
Volume (Dth)	10,000	Contract	
times Total Rate	\$4.3706	See detail below	
times Month/Year	12		
Annual Total	\$524,472.00		
<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>	<u>Term</u>
Base Tariff Rate: Cat 3 FT-A Zone 1-1	\$4.3706	See Note 3	> 5 Years

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**Purchased Gas Adjustment, October 2015**  
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**VGT Firm Transportation AF0037**

<u>FT-A Annual Dollars</u>	<u>Value</u>	<u>Source</u>	
Volume (Dth)	15,600	Contract	
times Total Rate	\$5.3593	See detail below	
<u>times Month/Year</u>	<u>12</u>		
Annual Total	\$1,003,260.96		
<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>	<u>Term</u>
Base Tariff Rate: Cat 3; Zone 1-2	\$5.3593	See Note 3	> 5 Years

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**VGT Firm Transportation AF0116**

<u>FT-A Annual Dollars</u>	<u>Value</u>	<u>Source</u>	
Volume (Dth)	1,903	Contract	
times Total Rate	\$4.3706	See detail below	
<u>times Month/Year</u>	<u>12</u>		
Annual Total	\$99,807.02		
<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>	<u>Term</u>
Base Tariff Rate: Cat 3; Zone 1-1	\$4.3706	See Note 3	> 5 Years

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**VGT Firm Transportation AF0218**

<u>FT-A Annual Dollars</u>	<u>Value</u>	<u>Source</u>	
Volume (Dth)	15,000	Contract	
times Total Rate	\$5.3593	See detail below	
<u>times Month/Year</u>	<u>12</u>		
Annual Total	\$964,674.00		
<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>	<u>Term</u>
Base Tariff Rate: Cat 3; Zone 1-1	\$5.3593	See Note 3	< 1 Year

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**Purchased Gas Adjustment, October 2015**  
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**ANR Firm Transportation - FTS 114492**

<u>FTS-1 Annual Dollars</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	66,500	Contract
times Total Rate	\$5.366	Contract
times Month/Year	12	
Annual Total	\$4,282,068.00	

<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>
Negotiated Rate: ML-7 to ML-7	\$5.366	Contract

**ANR Firm Transportation - FTS 106209**

<u>FTS-1 Annual Dollars</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	4,829	Contract
times Total Rate	\$9.160	See detail below
times Month/Year	12	
Annual Total	\$530,803.68	

<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>
Base Tariff Rate: SW to ML-7	\$9.250	See Note 4
Transportation Cost Adjustment	(\$0.090)	See Note 5
Total	\$9.160	

**ANR Firm Transportation - FTS 106211**

<u>FTS-1 Annual Dollars</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	15,171	4,935	Contract
times Total Rate	\$4.160	\$4.160	See detail below
times Month/Year	5	7	
Annual Total	\$315,556.80	\$143,707.20	

<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>
Base Tariff Rate: ML-7 to ML-7	\$4.250	See Note 4
Transportation Cost Adjustment	(\$0.090)	See Note 5
Total	\$4.160	

**GLT Firm Transportation - FT17836**

<u>FT Annual Dollars</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	3,509	4,475	Contract
times Rate	\$9.456	\$9.456	See detail below
times Month/Year	5	7	
Annual Total	\$165,905.52	\$296,209.20	

<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>
Resv Fee: Western to Eastern Zone	\$9.456	see Note 6

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**Demand Charge Detail Supporting Worksheet**

**GLT Firm Transportation - FT18071**

<u>FT Annual Dollars</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	9,248	Contract
times Rate	\$14.646	See detail below
<u>times Month/Year</u>	<u>5</u>	
Annual Total	\$677,231.04	

<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>
Resv Fee: Western to Eastern Zone	\$14.646	see Note 6

**GLT Firm Transportation - FT18130**

<u>FT Annual Dollars</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	895	Contract
times Rate	\$11.442	See detail below
<u>times Month/Year</u>	<u>7</u>	
Annual Total	\$71,684.13	

<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>
Resv Fee: Western to Eastern Zone	\$11.442	see Note 6

**WBI Firm Transportation - FT-1097**

<u>X-13 Annual Dollars</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	8,000	Contract
times Rate	\$9.2100	See detail below
<u>times Month/Year</u>	<u>12</u>	
Annual Total	\$884,160.00	

<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>
Base Tariff Rate	\$9.21000	see Note 7

**WBI Firm Transportation - FT1125**

<u>FT-1 Annual Dollars</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	461	Contract
times Rate	\$9.2100	See detail below
<u>times Month/Year</u>	<u>12</u>	
Annual Total	\$50,949.72	

<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>
Base Tariff Rate	\$9.21000	see Note 7

**NOTES:**

- [1] NNG Sixth Revised Volume No. 1, Seventh Revised Sheet No. 50, Effective April 1, 2014
- [2] NNG Sixth Revised Volume No. 1, Seventh Revised Sheet No. 51, Effective April 1, 2014
- [3] VGT Volume No. 1, Part 5.0 Statement of Rates, Effective January 1, 2015
- [4] ANR Third Revised Volume No. 1, Part 4.3 Statement of Rates, Effective September 30, 2010
- [5] ANR Third Revised Volume No. 1, Part 4.17 Statement of Rates, Effective May 1, 2014
- [6] GLT Third Revised Volume No. 1, Part 4.1 Statement of Rates, Effective August 1, 2011
- [7] WBI Third Revised Volume No. 1, Eleventh Revised Sheet No. 12, Effective October 1, 2014

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**October-15  
Northern States Power Company**

**WACOG Worksheet**

<b>SUMMARY INFORMATION</b>						
	Firm	Interruptible	Combined	High	Low	
NNG	\$2.7165	\$0.0000	\$2.7432	\$2.7507	\$2.6632	
VGT	\$2.8321	---	\$2.8946	\$2.9724	\$2.5599	
WBI	\$2.4483	---	\$2.4483	\$2.4483	\$2.4483	
ANR	\$2.4858		\$2.4858	\$2.4858	\$2.4858	
SYSTEM	---	---	\$2.7896	\$2.9724	\$2.4483	

(1)	(2)	(3)	(4)	(5)	(6)
Commod. Supplier	Commodity Rate \$/Mcf	Reservation Charges \$/Mcf	Commodity Volumes Mcf	(2) x (4) Total Commodity Cost \$	[(2) + (3)] x (4) Total Cost \$

**NNG Firm** **[TRADE SECRET BEGINS]**

1	\$2.6632	Not included			
2	\$2.7253	Not included			
3	\$2.7405	Not included			
4	\$2.7507	Not included			
5	\$2.6858	Not included			
6	\$2.7162	Not included			
7	\$2.7188	Not included			
8	\$2.7162	Not included			
Subtotal	\$2.7165				

**NNG Interruptible**

	\$2.5229	Not included			
	\$2.7146	Not included			
	\$2.7183	Not included			
	\$2.7329	Not included			
Subtotal	\$2.5402				

ANR Storage  
FDD Storage  
Vent Spot Pur  
Demarc Spot Pur

**VGT Firm**

9	\$2.5599	Not included			
10	\$2.9724	Not included			
Subtotal	\$2.8321				

**VGT Interruptible**

	\$2.9662	Not included			
Subtotal	\$2.9662				

Emerson Spot Pur

**WBI Firm**

11	\$2.4483	Not included			
12	\$2.4483	Not included			
Subtotal	\$2.4483				

**TRADE SECRET ENDS]**

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TRADE SECRET DATA EXCISED**

Oct-15  
Northern States Power Company

**WACOG Worksheet**

**WBI Interruptible**

[TRADE SECRET BEGINS]

	\$0.0000	Not included			
Subtotal					

**ANR Firm**

13	\$2.4858	Not included			
Subtotal					

**NNG Other**

SMS	\$0.0208	Not included			
Subtotal					

**NSP Peakshaving**

LNG Boiloff	\$3.8600	Not included			
LNG	\$3.8600	Not included			
LPG	\$10.9170	Not included			
Subtotal					

TRADE SECRET ENDS]

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
				(2) x (4)	[(2) + (3)] x (4)	(2) - [(8) + (9)]		
	Storage Commodity Rate	Storage Reservation Charges	Storage Volume	Storage Commodity Cost	Total Cost	Gas Cost	Inject. Charge	Withdraw Charge
Storage Type	\$/Mcf	\$/Mcf	Mcf	\$	\$	\$/Mcf	\$/Mcf	\$/Mcf

**STORAGE Firm**

[TRADE SECRET BEGINS]

	\$2.7900	Not included						
	\$2.7500	Not included						
	\$2.8200	Not included						
Balancing Demand		Not included						
Storage Demand		Not included						
Subtotal								

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TRADE SECRET ENDS]

(1)	(2)	(3)	(4)	(5)	(6)
				(2) x (4)	[(2) + (3)] x (4)
	Commodity Rate	Reservation Charges	Commodity Volumes	Total Commodity Cost	Total Cost
Commod. Supplier	\$/Mcf	\$/Mcf	Mcf	\$	\$

**Hedging Adjustment/Opportunity Sales**

[TRADE SECRET BEGINS]

Hedging Adj.	\$0.0000	Not included			
Opportunity Sales	\$0.0000	Not included			
Subtotal					

TRADE SECRET ENDS]

**TOTAL**

ALL	\$2.7896	Not included	4,637,402	\$12,936,560	\$12,936,560
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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)	5.683	5.683	-0-
Winter (Nov-Mar)	<u>10.230</u>	<u>13.866</u>	<u>15.153</u>
			<u>5.473</u>
			<u>9.853</u>

COMMODITY RATES 2/		Market Area 3/		Field Mileage 5/		Carlton Surcharge 4/		Out-of Balance 3/	
TF12 Base, TF12 Var., TF5 & TFF		Maximum	Minimum	Rate per 100 miles		Maximum	Minimum	Maximum	Minimum
Receipt Point	Delivery Point								
Market	Market	0.0369	0.0200			0.0175	0.0000	0.0369	0.0200
Field	Market	0.0369	0.0200	0.0122	0.0040	0.0175	0.0000		
Market	Field			0.0122	0.0040				
Field	Field			0.0122	0.0040			0.0276	0.0090

- 1/ The minimum reservation rate is equal to zero.
- 2/ The applicable Mileage Indicator Districts (MIDs) billing rate will be added to the TF rates for volumes received in the Field Area, or received in the Market Area and delivered to the Field Area. The MIDs rates shown on Sheet Nos. 59-60A represent the maximum Field Area throughput commodity rates for any transaction involving MIDs. For volumes transported through Northern's Ft. Buford compressor station, the commodity rate, fuel and unaccounted for apply only to volumes that are not ultimately confirmed for re-delivery into Northern's Market Area.
- 3/ The Maximum and Minimum rates include the Market Area Electric Compression charge of \$0.0010 where applicable. In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <http://www.ferc.gov>.
- 4/ Applicable to Market Area shippers as provided for in the Carlton Settlement filed in Docket No. RP96-347 dated October 28, 1996.
- 5/ Where applicable, the Field Area Electric Compression charge of \$0.0000 and the ACA unit surcharge as set forth on FERC's website at <http://www.ferc.gov> will be added to the mileage based rates.

RATE SCHEDULES TFX and LFT

RESERVATION RATES	MARKET-TO-MARKET		FIELD-TO-FIELD	
	Apr-Oct	Nov-Mar	Apr-Oct	Nov-Mar
Base Tariff Rates 1/	<u>\$5.683</u>	<u>\$15.153</u>	<u>\$5.473</u>	<u>\$9.853</u>

COMMODITY RATES 2/ TFX and LFT		Market Area 3/		Field Mileage 5/ Rate per 100 miles		Carlton Surcharge 4/		Out-of-Balance 3/	
Receipt Point	Delivery Point	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Market	Market	0.0369	0.0200			0.0175	0.0000	0.0369	0.0200
Field	Market	0.0369	0.0200	0.0122	0.0040	0.0175	0.0000		
Market	Field			0.0122	0.0040				
Field	Field			0.0122	0.0040			0.0276	0.0090

GULF COAST	Reservation 1/		Commodity 6/		Out-of-Balance 6/	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Other Gulf Coast	4.8169	0.0000	0.0000	0.0000	0.0000	0.0000

- 1/ The minimum reservation rate is equal to zero.
- 2/ The applicable Mileage Indicator Districts (MIDs) billing rate will be added to the TF rates for volumes received in the Field Area, or received in the Market Area and delivered to the Field Area. The MIDs rates shown on Sheet Nos. 59-60A represent the maximum Field Area throughput commodity rates for any transaction involving MIDs. For volumes transported through Northern's Ft. Buford compressor station, the commodity rate, fuel and unaccounted for apply only to volumes that are not ultimately confirmed for re-delivery into Northern's Market Area.
- 3/ The Maximum and Minimum rates include the Market Area Electric Compression charge of \$0.0010 where applicable. In addition, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <http://www.ferc.gov>.
- 4/ Applicable to Market Area shippers as provided for in the Carlton Settlement filed in Docket No. RP96-347 dated October 28, 1996.
- 5/ Where applicable, the Field Area Compression charge of \$0.0000 and the ACA unit surcharge as set forth on FERC's website at <http://www.ferc.gov> will be added to the mileage based rates.
- 6/ In addition to the Maximum and Minimum rates, Shipper shall pay the ACA unit surcharge as posted on FERC's website at <http://www.ferc.gov>.

RATE SCHEDULES FDD, PDD, IDD, ILD & SMS

Rate Schedule FDD

Maximum Reservation Fee	1.7140	1/
Maximum Capacity Fee	0.3567	1/
Injection Charge - Firm	0.0149	
Withdrawal Charge - Firm	0.0149	
Annual Rollover Fee	0.3567	1/

Rate Schedule PDD

Maximum Capacity Fee	0.3567	1/
Maximum Monthly Inventory Charge	0.0887	1/
Injection Charge	0.0149	
Withdrawal Charge	0.0149	
Annual Rollover Fee	0.3567	1/

Rate Schedule IDD

Maximum Monthly Inventory Charge	0.0887	1/
Injection Charge	0.0149	
Withdrawal Charge	0.0149	
Annual Rollover Fee	0.3567	1/

Rate Schedule ILD

Maximum Charge	11.7500	
Minimum Charge	0.5044	
Performance Obligation Charge	2.0000	

Rate Schedule SMS

Reservation Fee	2.1800	
Commodity Rate	0.0208	

1/ Minimum Rate is zero.

STATEMENT OF RATES  
 (Rates Per Dekatherm)

Currently Effective Term-Differentiated Rates

Rate Schedule	Base Tariff Rate
<hr/>	
Category 1 (Contract Term of Less than 3 Years)	
<hr/>	
Monthly Reservation Rates	
FT-A	
Zone 1-1 Maximum Rate	\$4.7507
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate <sup>1/</sup>	\$5.7394
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$3.3143
Zone 2-2 Minimum Rate	\$0.0000
<hr/>	
Category 2 (Contract Term of 3 Years to less than 5 Years)	
<hr/>	
Monthly Reservation Rates	
FT-A	
Zone 1-1 Maximum Rate	\$4.5607
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate	\$5.5494
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$3.1243
Zone 2-2 Minimum Rate	\$0.0000
<hr/>	
Category 3 (Contract Term of 5 or more Years)	
<hr/>	
Monthly Reservation Rates	
FT-A	
Zone 1-1 Maximum Rate	\$4.3706
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate	\$5.3593
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$2.9343
Zone 2-2 Minimum Rate	\$0.0000

1/ Throughout Viking's Statement of Rates and Tariff, "Zone 1-2" shall mean Transportation Service for quantities received in Zone 1 and delivered in Zone 2 or received in Zone 2 and delivered in Zone 1 whether by transport, exchange, or Displacement.

RATE SCHEDULES FTS-1, FTS-4, FTS-4L  
 MATRIX OF BASE TARIFF TRANSMISSION RATES PER DTH BY ROUTE  
 EXCLUSIVE OF ADDITIONAL CHARGES OR SURCHARGES

RECEIVED FROM	DELIVERED TO	SOUTHEAST			SOUTHWEST			NORTHERN
		S.E. Area (SE)	Southern Segment (ML-2)	Central Segment (ML-3)	S.W. Area (SW)	Southern Segment (ML-5)	Central Segment (ML-6)	Segment (ML-7)
SOUTHEAST AREA (SE)	- Res	\$1.7500	\$6.5000	\$8.2500	\$14.7500	\$12.7500	\$11.2500	\$9.7500
	- Cmd	0.0020	0.0105	0.0125	0.0225	0.0175	0.0160	0.0140
	- MIN	0.0020	0.0105	0.0125	0.0225	0.0175	0.0160	0.0140
	- Ovrn	0.0595	0.2242	0.2837	0.5074	0.4367	0.3859	0.3345
SE - Southern (ML-2)	- Res	\$6.5000	\$4.7500	\$6.5000	\$13.0000	\$11.0000	\$9.5000	\$8.0000
	- Cmd	0.0105	0.0085	0.0105	0.0205	0.0155	0.0140	0.0120
	- MIN	0.0105	0.0085	0.0105	0.0205	0.0155	0.0140	0.0120
	- Ovrn	0.2242	0.1647	0.2242	0.4479	0.3771	0.3263	0.2750
SE - Central (ML-3)	- Res	\$8.2500	\$6.5000	\$4.5000	\$11.0000	\$9.0000	\$7.5000	\$6.0000
	- Cmd	0.0125	0.0105	0.0080	0.0180	0.0130	0.0115	0.0095
	- MIN	0.0125	0.0105	0.0080	0.0180	0.0130	0.0115	0.0095
	- Ovrn	0.2837	0.2242	0.1559	0.3796	0.3089	0.2581	0.2068
SOUTHWEST AREA (SW)	- Res	\$14.7500	\$13.0000	\$11.0000	\$2.0000	\$6.2500	\$7.7500	\$9.2500
	- Cmd	0.0225	0.0205	0.0180	0.0050	0.0125	0.0145	0.0160
	- MIN	0.0225	0.0205	0.0180	0.0050	0.0125	0.0145	0.0160
	- Ovrn	0.5074	0.4479	0.3796	0.0706	0.2180	0.2693	0.3201
SW - Southern (ML-5)	- Res	\$12.7500	\$11.0000	\$9.0000	\$6.2500	\$4.2500	\$5.7500	\$7.2500
	- Cmd	0.0175	0.0155	0.0130	0.0125	0.0075	0.0095	0.0110
	- MIN	0.0175	0.0155	0.0130	0.0125	0.0075	0.0095	0.0110
	- Ovrn	0.4367	0.3771	0.3089	0.2180	0.1472	0.1985	0.2494
SW - Central (ML-6)	- Res	\$11.2500	\$9.5000	\$7.5000	\$7.7500	\$5.7500	\$4.2500	\$5.7500
	- Cmd	0.0160	0.0140	0.0115	0.0145	0.0095	0.0080	0.0095
	- MIN	0.0160	0.0140	0.0115	0.0145	0.0095	0.0080	0.0095
	- Ovrn	0.3859	0.3263	0.2581	0.2693	0.1985	0.1477	0.1985
NORTHERN (ML-7)	- Res	\$9.7500	\$8.0000	\$6.0000	\$9.2500	\$7.2500	\$5.7500	\$4.2500
	- Cmd	0.0140	0.0120	0.0095	0.0160	0.0110	0.0095	0.0075
	- MIN	0.0140	0.0120	0.0095	0.0160	0.0110	0.0095	0.0075
	- Ovrn	0.3345	0.2750	0.2068	0.3201	0.2494	0.1985	0.1472

General Notes:

All rates shown combine area and segment rates for each route, utilizing the transmission rates set forth in Section 4.12 and represent maximum rates unless designated as minimum firm service rates (MIN).

The rates shown are subject to all applicable reservation and volumetric charges or surcharges, under Sections 6.24 and 6.26 of the General Terms and Conditions of this Tariff. Sections 4.16 and 4.20 reflect the applicable charges and surcharges under these Sections.

STATEMENT OF DEFERRED TRANSPORTATION COST ADJUSTMENT (1)

RATE SCHEDULE	RATE ADJUSTMENTS PER DTH (2)
-----	
<u>MAINLINE - ACCESS RATE ADJUSTMENTS FOR ETS, FTS-1, FTS-2, FTS-4, FTS-4L AND ITS SERVICES</u>	
FTS-1, FTS-4, FTS-4L & ETS	Reservation (\$0.090) Commodity (\$0.0001)
FTS-2	Reservation (\$0.059) Commodity (\$0.0011)
ITS	Commodity (\$0.0031)
<u>RATE ADJUSTMENTS FOR FTS-3 AND ITS-3 SERVICES</u>	
FTS-3	Deliverability (\$0.0450) Capacity (\$0.0015) Commodity (\$0.0001)
FTS-3 (Enhancement Service Option)	Deliverability (\$0.0265) Capacity (\$0.0009) Commodity (\$0.0001)
FTS-3 (2-Hour Notice Service Option)	Deliverability (\$0.0250) Capacity (\$0.0008) Commodity (\$0.0002)
ITS-3	Commodity (\$0.0163)
<u>RATE ADJUSTMENTS FOR MBS AND NNS SERVICES</u>	
MBS	Daily Delivery (All Segments) (\$0.0027) Capacity (\$0.0005) Commodity (All Segments) (\$0.0003) Overrun (\$0.0053)
NNS	Reservation (\$0.103) Commodity (\$0.0003) Overrun (\$0.0053)
<u>RATE ADJUSTMENTS FOR IPLS AND IWS SERVICES</u>	
IPLS	Commodity (\$0.0031)
IWS	Commodity (\$0.0031)

RATE SCHEDULES FSS & DDS  
 STATEMENT OF RATES FOR STORAGE OF NATURAL GAS

	Maximum Rate per Dth -----	Minimum Rate per Dth -----	Maximum Daily Capacity Release Rate per Dth -----
RATE SCHEDULE FSS 1/ -----			
With Ratchets and Seasonal Entitlements -----			
1. Reservation Rate			
a. Deliverability Rate	\$ 2.04	\$ 0	\$ 0.0671
b. Capacity Rate	\$ .4000	\$ 0	\$ 0.0011
2. Commodity Rate			
Injection/Withdrawal	\$ 0.0126	\$ 0.0126	
3. Overrun Service Rate	2/	\$ 0.0126	
With Ratchets and Flexible Entitlements -----			
1. Reservation Rate			
a. Deliverability Rate	\$ 2.45	\$ 0	\$ 0.0805
b. Capacity Rate	\$ .4000	\$ 0	\$ 0.0011
2. Commodity Rate			
Injection/Withdrawal	\$ 0.0126	\$ 0.0126	
3. Overrun Service Rate	2/	\$ 0.0126	
Without Ratchets and Seasonal Entitlements -----			
1. Reservation Rate			
a. Deliverability Rate	\$ 2.60	\$ 0	\$ 0.0855
b. Capacity Rate	\$ .4000	\$ 0	\$ 0.0011
2. Commodity Rate			
Injection/Withdrawal	\$ 0.0126	\$ 0.0126	
3. Overrun Service Rate	2/	\$ 0.0126	
Without Ratchets and Flexible Entitlements -----			
1. Reservation Rate			
a. Deliverability Rate	\$ 3.00	\$ 0	\$ 0.0986
b. Capacity Rate	\$ .4000	\$ 0	\$ 0.0011
2. Commodity Rate			
Injection/Withdrawal	\$ 0.0126	\$ 0.0126	
3. Overrun Service Rate	2/	\$ 0.0126	
RATE SCHEDULE DDS 3/ -----			
1. Storage Commodity Rate	\$ .0874	\$ 0.0126	

STATEMENT OF RATES FOR STORAGE OF NATURAL GAS

RATE SCHEDULE FS -----	Maximum Rate per Dth -----	Minimum Rate per Dth -----
1. Reservation Rate		
a. Deliverability – Monthly	\$ 1.09240	\$ 0
b. Capacity – Monthly	\$ 0.01325	\$ 0
c. Deliverability - Daily (3)(4)	\$ 0.03591	\$ 0
d. Capacity - Daily (3)(4)	\$ 0.00044	\$ 0
2. Injection/Withdrawal Commodity Rate	\$ 0.03230	\$ 0.03230
3. Overrun Service Rate (1)	\$ 0.05174	\$ 0.03230

RATE SCHEDULE IS -----	Maximum Rate per Dth -----	Minimum Rate per Dth -----
1. Commodity Rate	\$ 0.05174	\$ 0.03230

SURCHARGE APPLICABLE TO FS AND IS SERVICE (2) -----	Maximum Rate per Dth -----	Minimum Rate per Dth -----
1. ACA	(5)	(5)

Rate Schedules FS and IS  
-----

Seller's Injection Use	1.3 %
Seller's Withdrawal Use	0.2 %

- (1) See Section 5.1.4.2 of Rate Schedule FS for definition.
- (2) See Section 5.1.5 of Rate Schedule FS and Section 5.2.5 of Rate Schedule IS for applicability.
- (3) Rates applicable for Volumetric Rate Capacity Release.
- (4) See Section 6.1 paragraph 9 of the General Terms and Conditions of this Tariff.
- (5) The currently effective ACA unit charge as published on the Commission's website ([www.ferc.gov](http://www.ferc.gov)) is incorporated herein by reference.

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP

Open Access Rates  
 Firm Transportation Service  
 Rate Schedule FT 6/ 7/ 8/

	Western Zone 1/ 2/ 3/ Deliveries ----- (Rates per Dth)	Central Zone 1/ 2/ 3/ Deliveries ----- (Rates per Dth)	Eastern Zone 1/ 2/ 3/ Deliveries ----- (Rates per Dth)
Receipts in Western Zone - -----			
Reservation Fee	\$3.849	\$6.411	\$11.442
Utilization Fee	0.00394	0.00745	0.01307
Max. Volumetric Rate at 100% L.F. 4/ 5/	0.12654	0.21076	0.37617
Receipts in Central Zone - -----			
Reservation Fee	\$6.411	\$3.307	\$8.338
Utilization Fee	0.00745	0.00351	0.00912
Max. Volumetric Rate at 100% L.F. 4/ 5/	0.21076	0.10872	0.27413
Receipts in Eastern Zone - -----			
Reservation Fee	\$11.442	\$8.338	\$5.777
Utilization Fee	0.01307	0.00912	0.00561
Max. Volumetric Rate at 100% L.F. 4/ 5/	0.37617	0.27413	0.18991

Limited Firm Transportation Service  
 Rate Schedule LFT 1/ 2/ 3/ 4/ 5/ 6/ 7/ 8/

The rates shown above for Service under Rate Schedule FT shall also be applicable to Service under Rate Schedule LFT except that the maximum Reservation Fee shall be adjusted to reflect the appropriate number of Days that Service shall be available utilizing the following formula, rounded to 3 decimal places:  $LFT = FT \times ((TD - UD)/TD)$  where:

- LFT = LFT Reservation Fee
- FT = Applicable FT Reservation Fee
- TD = Number of Days during Agreement Term
- UD = Number of Unavailable Days

Expedited Firm Transportation Service  
Rate Schedule EFT 1/ 2/ 3/ 4/ 5/ 6/ 7/ 8/  
-----

The rates shown above for Service under Rate Schedule FT shall also be applicable to Service under Rate Schedule EFT except that the maximum Reservation Fee shall be adjusted to reflect the applicable expedited period of gas flow (EPF) utilizing the following formula, rounded to 3 decimal places:  $EFT = FT \times (24/EPF)$  where:

EFT = EFT Reservation Fee  
FT = Applicable FT Reservation Fee  
24 = Number of Hours in a Gas Day  
EPF = MDQ/MHQ  
-----

- 1/ Pursuant to Section 5.1.5 paragraph 2 of Rate Schedules FT, Section 5.2.5 paragraph 2 of Rate Schedule EFT, and Section 5.3.5 paragraph 2 of Rate Schedule LFT, Shipper shall pay, in addition to the rate specified for this service, an ACA charge set forth in Section 4.6 of this FERC Gas Tariff.
- 2/ The minimum charge for Reservation Fees, backhauls and/or exchange transportation shall be \$0.00 per Dth.
- 3/ In addition, Shipper shall pay the 100% load factor rate for the service outside the zones for which a Reservation Fee or Volumetric Rate is paid.
- 4/ In addition to the Volumetric Rate, the Utilization Fee is applicable to all services.
- 5/ 100% load factor rate is calculated as:  $(\text{Reservation Fee} \times 12)/365$ , rounded to 5 decimal places.
- 6/ Billing adjustments may apply pursuant to the RP13-1367-000 Settlement (e.g., pursuant to Article III. B. 4 through 6 and Article IX.), as to either NRS or NNR subject to Article III. B. 5.
- 7/ Rates stated in this section are not applicable to any Disputing/Severed Party as described in the Docket No. RP13-1367-000 Settlement. Pursuant to Article IX of the Docket No. RP13-1367-000 Settlement, solely for the purpose of computing Disputing/Severed Party Rates during the period that Settlement Rates remain in effect, the Settlement rates for Supporting/Non-Disputing Participants will be treated as discounted rates relative to the rates for Disputing/Severed Parties to the maximum extent legally permissible.
- 8/ Seasonal recourse rates apply to short-term firm ("STF") service (i.e., firm service that has a term of less than one year and that does not include multiple-year seasonal service) under Rate Schedule FT and rate schedules that are based upon Rate Schedule FT rates, in addition to interruptible transportation service under Rate Schedule IT. On or before February 15 of each year, Great Lakes shall identify the number of peak months (from zero to five) for the upcoming 12-month period beginning April 1, identify the months to which peak rates apply; and set the peak rate multiplier from one up to a maximum of 1.4. Peak rates will be set by multiplying the applicable firm reservation charge (or reservation component) by the peak multiplier. The remaining off-peak months will have a multiplier equal to  $1 - (P/O) \times (M-1)$  where:  
P=Peak Months

O=Off-Peak Months (Equal to 12-P)  
M=Multiplier for Peak Months

Transporter's seasonal recourse rate elections and resulting peak and off-peak rates shall be posted under the Informational Postings section of Transporter's Internet website.

NOTICE OF CURRENTLY EFFECTIVE RATES

(ALL RATES ARE STATED IN CENTS PER DEKATHERM OR EQUIVALENT DEKATHERM AS INDICATED)

RATE SCHEDULE	UNIT	BASE TARIFF RATE	TOP THROUGHPUT SURCHARGE	GAS SUPPLY REALIGNMENT SURCHARGE	BASE TARIFF RATE PLUS SURCHARGES
-----					
RATE SCHEDULE FT-1					
-----					
RESERVATION CHARGE					
MAXIMUM DAILY DELIVERY QUANTITY (MDDQ)					
MAXIMUM	RATE PER EQV. DKT PER MO.	921.000	N.A.	N.A.	921.000
MINIMUM	RATE PER EQV. DKT PER MO	0.000	N.A.	N.A.	0.000
COMMODITY CHARGE					
MAXIMUM A/B/C/	RATE PER DKT	2.842	N.A.	N.A.	2.842
MINIMUM A/B/C/	RATE PER DKT	2.842	N.A.	N.A.	2.842
SCHEDULED OVERRUN CHARGE					
MAXIMUM A/B/C/	RATE PER DKT	32.112	N.A.	N.A.	32.112
MINIMUM A/B/C/	RATE PER DKT	2.842	N.A.	N.A.	2.842
VOLUMETRIC CAPACITY RELEASE CHARGE					
MAXIMUM	RATE PER DKT	30.279	N.A.	N.A.	30.279
MINIMUM	RATE PER DKT	0.000	N.A.	N.A.	0.000

- 
- A/ SHIPPER MUST REIMBURSE TRANSPORTER IN-KIND FOR TRANSPORTATION FUEL USE AND LOST AND UNACCOUNTED FOR GAS. THE APPLICABLE PERCENTAGES ARE REFLECTED ON SHEET NO. 21A. THESE PERCENTAGES SHALL BE APPLIED TO THE APPLICABLE QUANTITIES OF GAS TENDERED TO TRANSPORTER FOR SHIPPER'S ACCOUNT AT THE RECEIPT POINT(S) INTO TRANSPORTER'S TRANSMISSION FACILITIES.
  - B/ SHIPPER MUST REIMBURSE TRANSPORTER FOR ELECTRIC POWER USED FOR TRANSPORTATION. THE APPLICABLE RATE IS REFLECTED ON SHEET NO. 21B. THIS RATE SHALL BE APPLIED TO THE APPLICABLE QUANTITIES OF GAS TENDERED TO TRANSPORTER FOR SHIPPER'S ACCOUNT AT THE RECEIPT POINT(S) INTO TRANSPORTER'S TRANSMISSION FACILITIES.
  - C/ SHIPPER MUST REIMBURSE TRANSPORTER FOR THE ACA SURCHARGE. SUCH SURCHARGE SHALL BE THE ACA UNIT CHARGE SPECIFIED IN THE ANNUAL NOTICE ISSUED BY THE FERC ENTITLED "FY [YEAR] GAS ANNUAL CHARGES CORRECTION FOR ANNUAL CHARGES UNIT CHARGE."