



414 Nicollet Mall  
Minneapolis, MN 55401

November 25, 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 December 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 an increase to the Residential rate by \$0.00614 per therm from the November COG rate, 1.74%, or \$0.87 for a typical December North Dakota Residential customer using 141 therms. Compared to November, the Commercial/Industrial price is 1.33% higher and the Interruptible prices are 1.34-1.49% higher.

The increase is a result of increased commodity costs. The commodity costs increased due to market price fluctuations. Compared to last December, prices are 38-45% lower.

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

<u>Customer Class:</u>	<u>\$/therm</u>
Residential	\$0.35949
Commercial/Industrial	\$0.36064
Small & Large Interruptible	\$0.29418

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

Northern States Power Company  
**RETAIL BILLING RATES - NORTH DAKOTA**  
 December 1, 2015

Schedule A  
 Page 1 of 3

Class	Component	Distribution Charge	Cost of Gas	Total Rate
Residential	Basic Service	\$18.48		\$18.48
	Commodity	\$0.00000	\$0.35949	\$0.35949
Commercial/Industrial	Basic Service	\$30.00		\$30.00
	Commodity	\$0.10800	\$0.36064	\$0.46864
Small Interruptible	Basic Service	\$75.00		\$75.00
	Commodity	\$0.08800	\$0.29418	\$0.38218
Large Interruptible	Basic Service	\$275.00		\$275.00
	Commodity	\$0.05120	\$0.29418	\$0.34538

Units:

Customer Charge - \$ per month

Commodity Charge - \$ per therm

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

December 1, 2015

NATURAL GAS COST COMPONENT

<b>Cost Summary</b>	Ref	1	2	3
		Prior Cost	Current Adjusts	Current Cost
Annual Demand	(a)	0.08634	0.00108	0.08742
<u>Commodity</u>				
Residential	(b)	0.26187	0.00506	0.26693
C & I	(b)	0.26187	0.00506	0.26693
Sm Interruptible	(b)	0.26187	0.00506	0.26693
Large Interruptible	(b)	0.26187	0.00506	0.26693

BILLING COST OF GAS BY CLASS (From Column 3)

<b>Class Summary</b>	Residential	C&I	Small Interruptible	Large Interruptible
Annual Demand	0.08742	0.08742	N / A	N / A
Commodity	0.26693	0.26693	0.26693	0.26693
SUBTOTAL	0.35435	0.35435	0.26693	0.26693
TRUE-UP	0.00514	0.00629	0.02725	0.02725
TOTAL COG	0.35949	0.36064	0.29418	0.29418

**DERIVATION OF CURRENT COSTS - NORTH DAKOTA**

December 1, 2015

<u>Demand Cost (Residential and Commercial Firm)</u>	<u>12-Month Cost</u>	<u>Winter Cost</u>	Total Cost
1. System Demand Detail Total	\$31,778,795	\$23,576,305	
2. <u>x North Dakota Design Day Ratio</u>	<u>12.01%</u>	<u>12.01%</u>	
3. North Dakota System Demand Allocation	\$3,816,633	\$2,831,514	
4. ND Annual / Seasonal Firm Therm Sales (Forecast)	87,021,508	65,000,489	
5. Demand Unit Cost \$/Therm	\$0.04386	\$0.04356	\$0.08742 (a)
 <b><u>Commodity Cost</u></b>			
6. NNG Annual/Best Effort/Viking/WBI/Xcel Energy Peakshaving			\$33,822,436
7. <u>x ND Portion of Monthly Retail Sales</u>			<u>13.46%</u>
8. ND Portion of Monthly Commodity Costs			\$4,552,500
9. ND Budgeted Calendar Month Retail Therm Sales			17,055,024
10. Commodity Unit Cost \$/Therm (8 / 9)			\$0.26693 (b)
11. Hedging Cost per Therm (informational)	\$0.00814		
 <b><u>Total Gas Cost per Therm</u></b>			
12. Residential/Commercial & Industrial			\$0.35435 (a) + (b)
13. Small and Large Interruptible Commodity			\$0.26693 (b)

Northern States Power Company

RETAIL CALENDAR-MONTH BUDGETED SALES FORECAST - DEKATHERMS

	Current	2016	2016	2016	2016	2016	2016	2016	2016	2015	2015	2015	2015	
<u>MN Cal Mo Dkt Sales</u>	<u>Month</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug</u>	<u>Sept</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Annual</u>
MN Total	10,966,334	12,465,223	10,430,430	8,770,598	5,217,154	3,403,953	2,267,787	1,958,379	1,854,337	2,095,178	4,028,422	7,655,897	10,966,334	71,113,691
<b><u>ND Cal Mo Dkt Sales</u></b>														
Res, Firm Commercial	1,437,520	1,609,302	1,317,343	1,156,973	613,675	364,172	214,147	154,585	164,103	211,642	479,777	978,911	1,437,520	8,702,151
Sm Int	82,448	88,724	82,796	79,693	57,290	41,583	25,790	26,622	23,563	27,467	46,621	66,116	82,448	648,713
Lg Int	185,535	228,130	145,749	159,529	148,678	136,614	103,305	132,636	100,196	80,630	82,582	154,716	185,535	1,658,299
Dept	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ND Total	1,705,502	1,926,156	1,545,889	1,396,194	819,643	542,368	343,242	313,843	287,862	319,739	608,981	1,199,743	1,705,502	11,009,163
		1,926,156	1,545,889	1,396,194	819,643	542,368	343,242	313,843	287,862	319,739	608,981	1,199,743	1,705,502	11,009,163
NSPM Total	12,671,836	14,391,379	11,976,318	10,166,792	6,036,797	3,946,322	2,611,029	2,272,222	2,142,199	2,414,917	4,637,402	8,855,640	12,671,836	82,122,853

MN & ND Non-Trasp	12,671,836
MN %	86.54%
ND%	13.46%

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

July 2015 through October 2015

2015	2015						2016					
	July	August	September	October	November	December	January	February	March	April	May	June
<b>ND Gas Cost Recovery</b>												
Residential	\$167,000	\$138,344	\$152,060	\$280,419	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Commercial & Industrial	\$392,129	\$362,694	\$380,995	\$498,109	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Small Interruptible	\$78,668	\$73,798	\$72,927	\$80,974	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Large Interruptible	\$200,107	\$206,659	\$269,638	\$329,969	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$837,904	\$781,495	\$875,619	\$1,189,471	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>MN-Company Gas Costs</b>												
Demand	\$3,023,812	\$2,895,208	\$2,910,659	\$3,032,738	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Commodity	\$8,341,313	\$7,490,890	\$7,493,065	\$6,972,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Peak Shaving	\$0	\$0	\$109,763	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$11,365,125	\$10,386,098	\$10,513,488	\$10,005,698	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>ND Allocation Factors</b>												
Weighted Avg Demand *	0.1158	0.1158	0.1158	0.1158	0.1201	0.1201	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Commodity (Monthly Sales)	0.1229	0.1259	0.1344	0.1388	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Peak Shaving (Monthly Sales)	0.1229	0.1259	0.1344	0.1388	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>ND Gas Costs</b>												
Demand	\$350,157	\$335,265	\$337,054	\$351,191	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Commodity	\$1,025,147	\$943,103	\$1,007,068	\$967,847	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Peak Shaving	\$0	\$0	\$14,752	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Costs	\$1,375,304	\$1,278,368	\$1,358,874	\$1,319,038	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Over (Under) Recovery	(\$537,400)	(\$496,873)	(\$483,255)	(\$129,567)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Deferred Tax (@40.73%)	(\$218,883)	(\$202,376)	(\$196,830)	(\$52,773)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Net Balance	(\$318,517)	(\$294,497)	(\$286,425)	(\$76,794)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Net Balance	(\$318,517)	(\$613,014)	(\$899,439)	(\$976,233)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Interest Rate	0.03%	0.07%	0.02%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Monthly Interest	\$0	(\$223)	(\$123)	(\$180)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Interest		(\$223)	(\$346)	(\$526)	(\$526)	(\$526)	(\$526)	(\$526)	(\$526)	(\$526)	(\$526)	(\$526)

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

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

**Purchased Gas Adjustment, December 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	0	\$4.0004	12	\$0.00		\$0.00	
		TF12 112182 (Base) LE	0	\$4.6084	12	\$0.00		\$0.00	
		TF12 112182 (Base) Hugo	26,626	\$4.1524	12	\$1,326,741.63		\$1,326,741.63	
		TF12 112182 (Variable) C/R	31,801	\$4.0004	12	\$1,526,600.64		\$1,526,600.64	
		TF12 112182 (Variable) LE	32,608	\$4.6084	12	\$1,803,248.49		\$1,803,248.49	
		TF12 112182 (Variable) Hugo	3,492	\$4.1524	12	\$174,002.17		\$174,002.17	
		TF5 112182 C/R	13,233	\$4.0004	5	\$264,686.47			\$264,686.47
		TF5 112182 LE	15,338	\$4.6084	5	\$353,418.20			\$353,418.20
		TF5 112182 Hugo	1,028	\$4.1524	5	\$21,343.34			\$21,343.34
		TFX 112185 C/R	1,680	\$4.3044	12	\$86,776.70		\$86,776.70	
		TFX 112185 Hugo	7,701	\$4.1524	5	\$159,888.16		\$159,888.16	
		TFX 112185 C/R	48,576	\$4.0004	5	\$971,617.15			\$971,617.15
		TFX 112185 LE	2,270	\$4.6084	5	\$52,305.34			\$52,305.34
		TFX 112185 Hugo	8,546	\$4.1524	5	\$177,432.05			\$177,432.05
		TFX 112185 Hugo	10,000	\$3.3924	12	\$407,088.00		\$407,088.00	
		TFX 112185 LE	3,376	\$4.1524	2	\$28,037.00		\$28,037.00	
		TFX 112185 LE	13,333	\$5.7260	5	\$381,723.79			\$381,723.79
		TFX 112185 LE	13,333	\$4.8524	7	\$452,879.34		\$452,879.34	
		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	7,834	\$8.9796	5	\$351,730.93			\$351,730.93
		TFX 122067	7,834	\$4.3524	7	\$238,676.91		\$238,676.91	
		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	\$32,299,422.51		\$2,159,302.50
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	
		FTA AF0241	12,428	\$4.7507	3	\$177,125.10	\$9,027,181.21		\$177,125.10
ANR		FTS 114492	66,500	\$5.3660	12	\$4,282,068.00		\$4,282,068.00	
		FTS 106209	4,829	\$9.4000	12	\$544,711.20		\$544,711.20	
		FTS 106211	15,171	\$4.4000	5	\$333,762.00			\$333,762.00
		FTS 106211	4,935	\$4.4000	7	\$151,998.00	\$5,312,539.20		\$151,998.00
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	\$11.4420	5	\$529,078.08			\$529,078.08
		FT18130	895	\$11.4420	7	\$71,684.13	\$1,062,876.93	\$71,684.13	
WBI		FT-1097	8,000	\$9.2100	12	\$884,160.00		\$884,160.00	
		FT-1125	461	\$9.2100	12	\$50,949.72	\$935,109.72	\$50,949.72	
<i>Subtotal Firm Transport:</i>						\$48,637,129.57	\$31,776,415.54	\$16,860,714.03	

3rd PARTY SUPPLIES

[TRADE SECRET BEGINS

TRADE SECRET ENDS]

\$1,776,662.00

\$0.00

\$1,776,662.00

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

**Purchased Gas Adjustment, December 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	\$1.7820	12	\$328,116.10	\$328,116.10		\$328,116.10
	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>					\$4,938,929.32		\$4,938,929.32
<b>TOTAL MN/ND ALLOCATED DEMAND:</b>							<b>\$55,352,720.89</b>	<b>\$31,776,415.54</b>	<b>\$23,576,305.35</b>

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

**Purchased Gas Adjustment, December 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
<u>times Month/Year</u>	<u>5</u>	<u>7</u>	
Annual Total	\$5,325,584.55	\$4,141,878.38	
	Rate	Rate	
	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
<u>times Month/Year</u>	<u>5</u>	<u>7</u>	
Annual Total	\$0.00	\$0.00	
	Rate	Rate	
	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
<u>times Month/Year</u>	<u>5</u>	
Annual Total	\$4,728,872.48	
	Rate	
	Nov-Mar	
<u>Cost Components</u>	<u>(\$/Dth)</u>	<u>Source</u>
Base Tariff Rate - TF5	\$15.153	see Note 1

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

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

<i>NNG Firm Transportation - TF12 Base 112182</i>					
TF12B Annual Dollars	Cedar/Rosemount	Lake Elmo	Hugo		
<u>Discount Rate</u>	<u>Value</u>	<u>Value</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	0	0	26,626		Contract
times Discounted Rate	\$4,000	\$4,608	\$4,152		Contract
times Month/Year	12	12	12		Contract
Annual Total	\$0.00	\$0.00	\$1,326,741.63		\$1,326,741.63
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)	0	0	26,626		
Annual Total	\$0.00	\$0.00	\$2,421,128.81		\$2,421,128.81
TF12B Annual Savings					\$1,094,387.18

<i>NNG Firm Transportation - TF12 Variable 112182</i>					
TF12V Annual Dollars	Cedar/Rosemount	Lake Elmo	Hugo		
<u>Discount Rate</u>	<u>Value</u>	<u>Value</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	31,801	32,608	3,492		Contract
times Discounted Rate	\$4,000	\$4,608	\$4,152		Contract
times Month/Year	12	12	12		Contract
Annual Total	\$1,526,600.64	\$1,803,248.49	\$174,002.17		\$3,503,851.30
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)	31,801	32,608	3,492		
Annual Total	\$3,469,838.91	\$3,557,891.49	\$381,015.61		\$7,408,746.01
TF12V Annual Savings					\$3,904,894.71

<i>NNG Firm Transportation - TF5 112182</i>					
TF5 Annual Dollars	Cedar/Rosemount	Lake Elmo	Hugo		
<u>Discount Rate</u>	<u>Value</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	\$4,000	\$4,608	\$4,152		Contract
times Month/Year	5	5	5		Contract
Annual Total	\$264,686.47	\$353,418.20	\$21,343.34		\$639,448.00
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		
times Month/Year	5	5	5		
Annual Total	\$1,002,598.25	\$1,162,083.57	\$77,886.42		\$2,242,568.24
TF5 Annual Savings					\$1,603,120.24

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

**Purchased Gas Adjustment, December 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	8,546	Contract	
times Discounted Rate	\$4.000	\$4.608	\$4.152	Contract	
times Month/Year	5	5	5	Contract	
Annual Total	\$971,617.15	\$52,305.34	\$177,432.05		\$1,201,354.54
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	8,546		
times Total Rate	\$15.153	\$15.153	\$15.153		
times Month/Year	5	5	5		
Annual Total	\$3,680,360.64	\$171,986.55	\$647,487.69		\$4,499,834.88
TFX Annual Savings					\$3,298,480.34

<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	7,701	3,376	Contract	
times Discounted Rate	\$4.304	\$4.152	\$4.152	Contract	
times Month/Year	12	5	2	Contract	
Annual Total	\$86,776.70	\$159,888.16	\$28,037.00		\$274,701.87
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	7,701	3,376		
Annual Total	\$194,117.28	\$218,823.92	\$38,371.62		\$451,312.81
TFX Annual Savings					\$176,610.94

<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	13,333	13,333	Contract	
times Discounted Rate	\$3.392	\$5.726	\$4.852	Contract	
times Month/Year	12	5	7	Contract	
Annual Total	\$407,088.00	\$381,723.79	\$452,879.34		\$1,241,691.13
TFX Annual Dollars	Firm Transport	Firm Transport			
<u>Full Rate (No Discount)</u>	<u>Value</u>	<u>Value</u>			
Volume (Dth)	10,000	13,333			
Annual Total	\$1,155,460.00	\$1,540,574.82	\$2,696,034.82		\$5,392,069.64
TFX Annual Savings			\$1,454,343.68		

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**TRADE SECRET DATA EXCISED**

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

**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
times Month/Year	5	5	2	Contract
<b>Annual Total</b>	<b>\$3,712,863.83</b>	<b>\$774,394.00</b>	<b>\$90,359.70</b>	<b>\$4,577,617.52</b>
	<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 112184**

<u>TFX Annual Dollars</u>	<u>Value</u>	<u>Source</u>
Discount Rate		
Volume (Dth)	25,000	Contract
times Discounted Rate	\$12.500	Contract
times Month/Year	5	Contract
<b>Annual Total</b>	<b>\$1,562,500.00</b>	
<u>TFX Annual Dollars</u>	<u>Firm Transport</u>	
<u>Full Rate (No Discount)</u>	<u>Value</u>	
Volume (Dth)	25,000	
times Total Rate	\$15.153	
times Month/Year	5	
<b>Annual Total</b>	<b>\$1,894,125.00</b>	
<b>TFX Annual Savings</b>		<b>\$331,625.00</b>

**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
times Month/Year	5		
<b>Annual Total</b>	<b>\$2,159,302.50</b>	<b>\$0.00</b>	
	<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 122067**

<u>TFX12 Annual Dollars</u>	<u>Value</u>	<u>Value</u>	<u>Source</u>
Volume (Dth)	7,834	7,834	Contract
times Total Rate	\$8.980	\$4.352	See detail below
times Month/Year	5	7	
<b>Annual Total</b>	<b>\$351,730.93</b>	<b>\$238,676.91</b>	
	<u>Rate</u>	<u>Rate</u>	
	Nov-Mar	Apr-Oct	
<u>Cost Components</u>	<u>(\$/Dth)</u>	<u>(\$/Dth)</u>	
Base Tariff Rate - TFX	\$8.980	\$4.352	

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

**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
<u>times Month/Year</u>	<u>5</u>	<u>7</u>	
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

**VGT Firm Transportation - FTA AF0241**

<u>FT-A Annual Dollars</u>	<u>Value</u>	<u>Source</u>	
Volume (Dth)	12,428	Contract	
times Total Rate	\$4.7507	See detail below	
<u>times Month/Year</u>	<u>3</u>		
Annual Total	\$177,125.10		
<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>	<u>Term</u>
Base Tariff Rate: Cat 1; Zone 1-1	\$4.7507	See Note 3	< 3 Years

**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	
<u>times Month/Year</u>	<u>12</u>		
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
<u>times Month/Year</u>	<u>5</u>	<u>12</u>	
Annual Total	\$92,634.87	\$1,521,073.69	
	<u>Rate</u>		
	(\$/Dth)		
<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>	<u>Term</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	
<u>times Month/Year</u>	<u>12</u>		
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, December 2015**  
**Northern States Power Company**  
**Demand Charge Detail Supporting Worksheet**

*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	
times Month/Year	12		
<b>Annual Total</b>	<b>\$1,003,260.96</b>		

  

<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 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	
times Month/Year	12		
<b>Annual Total</b>	<b>\$99,807.02</b>		

  

<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

*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	
times Month/Year	12		
<b>Annual Total</b>	<b>\$964,674.00</b>		

  

<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, December 2015**  
**Northern States Power Company**  
**Demand Charge Detail Supporting Worksheet**

**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	\$9.400	See detail below
times Month/Year	12	
Annual Total	\$544,711.20	

<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	\$0.150	See Note 5
Total	\$9.400	

**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	\$4.400	\$4.400	See detail below
times Month/Year	5	7	
Annual Total	\$333,762.00	\$151,998.00	

<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	\$0.150	See Note 5
Total	\$4.400	

**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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**Purchased Gas Adjustment, December 2015**  
**Northern States Power Company**  
**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	\$11.442	See detail below
times Month/Year	5	
<u>Annual Total</u>	<u>\$529,078.08</u>	

<u>Cost Components</u>	<u>Rate (\$/Dth)</u>	<u>Source</u>
Resv Fee: Western to Eastern Zone	\$11.442	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
times Month/Year	7	
<u>Annual Total</u>	<u>\$71,684.13</u>	

<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
times Month/Year	12	
<u>Annual Total</u>	<u>\$884,160.00</u>	

<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
times Month/Year	12	
<u>Annual Total</u>	<u>\$50,949.72</u>	

<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
- [8] Settlement approved by FERC Oct 15, RP13-743 charge increased to \$0.015/Dth as of Nov 1, 2015

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TRADE SECRET DATA EXCISED**

**December-15  
Northern States Power Company**

**WACOG Worksheet**

<i>SUMMARY INFORMATION</i>					
Firm	Interruptible	Combined	High	Low	
NNG	\$2.4492	\$0.0000	\$2.4146	\$2.6094	\$2.3424
VGT	\$2.5710	---	\$2.6967	\$2.6011	\$2.5560
WBI	\$2.1136	---	\$2.1136	\$2.1136	\$2.1136
ANR	\$2.2595	---	---	---	---
SYSTEM	---	---	\$2.6679	\$2.6094	\$2.1136

(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 HERE...]*

1	\$2.4106	Not included			
2	\$2.3424	Not included			
3	\$2.4447	Not included			
4	\$2.4548	Not included			
5	\$2.4497	Not included			
6	\$2.4523	Not included			
7	\$2.4142	Not included			
8	\$2.4042	Not included			
9	\$2.6094	Not included			

Subtotal \$2.4492

**NNG Interruptible**

	\$2.2595	Not included			
	\$2.4425	Not included			
	\$2.4613	Not included			
	\$2.3765	Not included			

ANR Storage  
FDD Storage  
Vent Spot Pur  
Demarc Spot Pur

Subtotal \$2.3765

**VGT Firm**

10	\$2.5560	Not included			
11	\$2.6011	Not included			

Subtotal \$2.5710

**VGT Interruptible**

	\$2.7786	Not included			
--	----------	--------------	--	--	--

Emerson Spot Pur

Subtotal \$2.7786

**WBI Firm**

12	\$2.1136	Not included			
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Subtotal \$2.1136

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**Dec-15  
Northern States Power Company**

**WACOG Worksheet**

**WBI Interruptible**

*[TRADE SECRET BEGINS HERE...]*

	\$0.0000	Not included			
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Subtotal

**ANR Firm**

13	\$2.2595	Not included			
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Subtotal \$2.2595

**NNG Other**

SMS	\$0.0208	Not included			
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Subtotal

**NSP Peakshaving**

LNG Boiloff	\$3.7800	Not included			
LNG	\$3.7800	Not included			
LPG	\$10.1940	Not included			

Subtotal \$3.9051

*...TRADE SECRET ENDS HERE]*

(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	Injct. Charge	Withdraw Charge
Storage Type	\$/Mcf	\$/Mcf	Mcf	\$	\$	\$/Mcf	\$/Mcf	\$/Mcf

**STORAGE Firm**

*[TRADE SECRET BEGINS HERE...]*

	\$2.7900	Not included						
	\$2.7400	Not included						
	\$2.7600	Not included						
Balancing Demand		Not included						
Storage Demand		Not included						

Subtotal 3.1552

*...TRADE SECRET ENDS HERE]*

(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 HERE...]*

Hedging Adj.	\$0.0000	Not included			
Opportunity Sales	\$2.3136	Not included			

Subtotal

*...TRADE SECRET ENDS HERE]*

**TOTAL**

ALL	\$2.6679	Not included	12,671,836	\$33,806,643	\$33,806,643
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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.

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 -----
<b>RATE SCHEDULE FSS 1/</b> -----			
<b>With Ratchets and Seasonal Entitlements</b> -----			
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	
<b>With Ratchets and Flexible Entitlements</b> -----			
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	
<b>Without Ratchets and Seasonal Entitlements</b> -----			
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	
<b>Without Ratchets and Flexible Entitlements</b> -----			
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	
<b>RATE SCHEDULE DDS 3/</b> -----			
1. Storage Commodity Rate	\$ .0874	\$ 0.0126	

Issued: September 30, 2010  
 Effective: September 30, 2010

Docket No. RP10-1380-000  
 Accepted: November 5, 2010

STATEMENT OF DEFERRED TRANSPORTATION COST ADJUSTMENT (1)

APPLICABLE TO SUPPORTING/NON-CONTESTING PARTIES PURSUANT TO THE  
 APRIL 20, 2015 SETTLEMENT AGREEMENT IN DOCKET NOS. RP13-743-000, et al. (2)

RATE SCHEDULE		RATE ADJUSTMENTS PER DTH (3)
<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	\$0.150
	Commodity	\$0.0002
FTS-2	Reservation	\$0.099
	Commodity	\$0.0019
ITS	Commodity	\$0.0051
<u>RATE ADJUSTMENTS FOR FTS-3 AND ITS-3 SERVICES</u>		
FTS-3	Deliverability	\$0.0750
	Capacity	\$0.0025
	Commodity	\$0.0002
FTS-3 (Enhancement Service Option)	Deliverability	\$0.0440
	Capacity	\$0.0014
	Commodity	\$0.0001
FTS-3 (2-Hour Notice Service Option)	Deliverability	\$0.0425
	Capacity	\$0.0014
	Commodity	\$0.0004
ITS-3	Commodity	\$0.0272
<u>RATE ADJUSTMENTS FOR MBS AND NNS SERVICES</u>		
MBS	Daily Delivery (All Segments)	\$0.0046
	Capacity	\$0.0008
	Commodity (All Segments)	\$0.0005
	Overrun	\$0.0090
NNS	Reservation	\$0.173
	Commodity	\$0.0005
	Overrun	\$0.0090

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/

	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	\$3.181	\$5.298	\$9.456
Utilization Fee	0.00326	0.00616	0.01080
Max. Volumetric Rate at 100% L.F. 4/ 5/	0.10458	0.17418	0.31088
Receipts in Central Zone - -----			
Reservation Fee	\$5.298	\$2.733	\$6.891
Utilization Fee	0.00616	0.00290	0.00754
Max. Volumetric Rate at 100% L.F. 4/ 5/	0.17418	0.08985	0.22655
Receipts in Eastern Zone - -----			
Reservation Fee	\$9.456	\$6.891	\$4.774
Utilization Fee	0.01080	0.00754	0.00464
Max. Volumetric Rate at 100% L.F. 4/ 5/	0.31088	0.22655	0.15695

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

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

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP

Open Access Rates  
Firm Transportation Service  
Rate Schedule FT

Seasonal Peak Rates 4 Months Nov '14 - Feb '15	Western Zone Deliveries	Central Zone Deliveries	Eastern Zone Deliveries
	(Rates per Dth)	(Rates per Dth)	(Rates per Dth)
<u>Receipts in Western Zone</u>			
Reservation Fee	\$5.389	\$8.975	\$16.019
Utilization Fee	\$0.00394	\$0.00745	\$0.01307
Max. Volumetric Rate at 100% L.F. 4/ 5/ IT Rate	\$0.17716 \$0.18110	\$0.29508 \$0.30253	\$0.52665 \$0.53972
<u>Receipts in Central Zone</u>			
Reservation Fee	\$8.975	\$4.630	\$11.673
Utilization Fee	\$0.00745	\$0.00351	\$0.00912
Max. Volumetric Rate at 100% L.F. 4/ 5/ IT Rate	\$0.29508 \$0.30253	\$0.15221 \$0.15572	\$0.38378 \$0.39290
<u>Receipts in Eastern Zone</u>			
Reservation Fee	\$16.019	\$11.673	\$8.088
Utilization Fee	\$0.01307	\$0.00912	\$0.00561
Max. Volumetric Rate at 100% L.F. 4/ 5/ IT Rate	\$0.52665 \$0.53972	\$0.38378 \$0.39290	\$0.26590 \$0.27151
Seasonal Off Peak Rates 8 Months Apr '14 - Oct '14 and Mar '15	Western Zone Deliveries	Central Zone Deliveries	Eastern Zone Deliveries
	(Rates per Dth)	(Rates per Dth)	(Rates per Dth)
<u>Receipts in Western Zone</u>			
Reservation Fee	\$3.079	\$5.129	\$9.154
Utilization Fee	\$0.00394	\$0.00745	\$0.01307
Max. Volumetric Rate at 100% L.F. 4/ 5/ IT Rate	\$0.10123 \$0.10517	\$0.16862 \$0.17607	\$0.30094 \$0.31401
<u>Receipts in Central Zone</u>			
Reservation Fee	\$5.129	\$2.646	\$6.670
Utilization Fee	\$0.00745	\$0.00351	\$0.00912
Max. Volumetric Rate at 100% L.F. 4/ 5/ IT Rate	\$0.16862 \$0.17607	\$0.08698 \$0.09049	\$0.21930 \$0.22842
<u>Receipts in Eastern Zone</u>			
Reservation Fee	\$9.154	\$6.670	\$4.622
Utilization Fee	\$0.01307	\$0.00912	\$0.00561
Max. Volumetric Rate at 100% L.F. 4/ 5/ IT Rate	\$0.30094 \$0.31401	\$0.21930 \$0.22842	\$0.15194 \$0.15755

RATE SCHEDULE TF

RESERVATION RATES	MARKET-TO-MARKET			FIELD-TO-FIELD/MARKET DEMARCATION
	TF12		TF5	TFE
	TF12 Base	TF12 Variable		
Base Tariff Rates 1/				
Summer (Apr-Oct)	5.683	5.683	-0-	5.473
Winter (Nov-Mar)	<u>10.230</u>	<u>13.866</u>	<u>15.153</u>	<u>9.853</u>

  

COMMODITY RATES 2/		Market Area 3/		Field Mileage 5/		Carlton Surcharges 4/		Out-of-Balance 3/	
TF12 Base	TF12 Var.	TF5	TFE	Rate per 100 miles		Maximum	Minimum	Maximum	Minimum
Receipt Point	Delivery Point	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Market	Market	0.0364	0.0195			0.0175	0.0000	0.0364	0.0195
Field	Market	0.0364	0.0195	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 \$0.0005 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

		<u>MARKET-TO-MARKET</u>		<u>FIELD-TO-FIELD</u>			
<u>RESERVATION RATES</u>		<u>Apr-Oct</u>	<u>Nov-Mar</u>	<u>Apr-Oct</u>		<u>Nov-Mar</u>	
Base Tariff Rates 1/		<u>\$5,683</u>	<u>\$15,153</u>	<u>\$5,473</u>	<u>\$9,853</u>		

  

<u>COMMODITY RATES 2/</u>		<u>Market Area 3/</u>		<u>Field Mileage 5/</u>		<u>Carlton</u>		<u>Out-of-Balance 3/</u>	
<u>TFX and LFT</u>				<u>Rate per 100 miles</u>		<u>Surcharge 4/</u>			
<u>Receipt Point</u>	<u>Delivery Point</u>	<u>Maximum</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Minimum</u>
Market	Market	0.0364	0.0195			0.0175	0.0000	0.0364	0.0195
Field	Market	0.0364	0.0195	0.0122	0.0040	0.0175	0.0000		
Market	Field			0.0122	0.0040				
Field	Field			0.0122	0.0040			0.0276	0.0090

  

		<u>Reservation 1/</u>		<u>Commodity 6/</u>		<u>Out-of-Balance 6/</u>	
<u>GULF COAST</u>		<u>Maximum</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Minimum</u>
MOPS Gathering		1.0514	0.0000	0.0000	0.0000	0.0000	0.0000
MOPS Transmission		1.5337	0.0000	0.0000	0.0000	0.0000	0.0000
Tivoli - Downstream		0.6827	0.0000	0.0000	0.0000	0.0000	0.0000
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 \$0.0005 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 20, 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
<u>Category 1 (Contract Term of Less than 3 Years)</u>	
Monthly Reservation Rates	
FT-A	
Zone 1-1 Maximum Rate	\$4.7507
Zone 1-1 Minimum Rate	\$0.0000
Zone 1-2 Maximum Rate 1/	\$5.7394
Zone 1-2 Minimum Rate	\$0.0000
Zone 2-2 Maximum Rate	\$3.3143
Zone 2-2 Minimum Rate	\$0.0000
<u>Category 2 (Contract Term of 3 Years to less than 5 Years)</u>	
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
<u>Category 3 (Contract Term of 5 or more Years)</u>	
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.

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, LOST AND UNACCOUNTED FOR GAS. THE APPLICABLE PERCENTAGE IS 3.867%, CONSISTING OF 3.582% FOR THE CURRENT PERCENTAGE AND 0.285% FOR THE DEFERRAL PERCENTAGE. THIS PERCENTAGE 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 1.138 CENTS, CONSISTING OF 0.818 CENTS FOR THE CURRENT RATE AND 0.320 CENTS FOR THE DEFERRAL RATE. 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."

Issued On: August 29, 2014  
 Docket Number: RP14-1219-000  
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Effective On: October 1, 2014