



414 Nicollet Mall
Minneapolis, MN 55401

February 25, 2022

—Via Electronic Filing—

Steven M. Kahl, Executive Director
North Dakota Public Service Commission
State Capitol Building, Dept. 408
600 East Boulevard
Bismarck, ND 58505-0480

RE: COST OF GAS RIDER CHANGE
CASE NO. PU-22-9

Dear Mr. Kahl:

Northern States Power Company, doing business as Xcel Energy, is filing this Cost of Gas (COG) for gas used on and after March 1, 2022 in North Dakota. The attached schedules show the new gas cost supporting worksheets and applicable pipeline tariff sheets. Pursuant to the North Dakota Public Service Commission's June 29, 2021 decision in Case Nos. PU-21-9 and PU-21-102, the February Event COG true-up factors will be implemented for all retail natural gas sales customer classes. On October 21, 2021, the Commission amended their June 29, 2021 Order, extending the 15-month amortization to a 24-month amortization, from July 1, 2021, through June 30, 2023. The Company provides a separate column for this special February Event true-up rates in the monthly COG filings.

The net effect of the COG is a decrease to the Residential rate by \$0.10524 per therm from the February COG rate, 13.62%, or \$10.52 for a typical March North Dakota Residential customer using 100 therms. Compared to February, the Commercial/Industrial price is 11.31% lower and the Interruptible prices are 14.22-14.97% lower. The decrease is a result of decreased commodity costs. The commodity costs decreased as summer approaches and production increases. Compared to last March, prices are 69-87% higher.

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

| <u>Customer Class</u> | <u>\$/therm</u> |
|-----------------------|-----------------|
| Residential | \$0.66731 |
| Commercial/Industrial | \$0.71736 |
| Small Interruptible | \$0.54679 |
| Large Interruptible | \$0.54679 |

Effective November 1, 2021, an Interim Surcharge of 29.84% on the Base Rate charges is applied to customer bills.

Please contact Hui Chen at hui.chen@xcelenergy.com or (612) 330-6749, or me at lisa.r.peterson@xcelenergy.com or (612) 330-7681 if you have questions regarding this filing.

Sincerely,

/s/

LISA PETERSON
MANAGER, REGULATORY ANALYSIS

Enclosures

Northern States Power Company
RETAIL BILLING RATES - NORTH DAKOTA
 March 1, 2022

| Class | Component | Distribution Charge* | Current Month COG A | 2021-2022 Annual True-Up B | 2021 Feb. Event True-Up C | Total Cost of Gas D = A+B+C | Total Rate |
|-----------------------|---------------|----------------------|------------------------|-------------------------------|------------------------------|--------------------------------|------------|
| Residential | Basic Service | \$18.48 | | | | | \$18.48 |
| | Commodity | \$0.00000 | \$0.56615 | \$0.00798 | \$0.09318 | \$0.66731 | \$0.66731 |
| Commercial/Industrial | Basic Service | \$30.00 | | | | | \$30.00 |
| | Commodity | \$0.10800 | \$0.56615 | \$0.01711 | \$0.13410 | \$0.71736 | \$0.82536 |
| Small Interruptible | Basic Service | \$75.00 | | | | | \$75.00 |
| | Commodity | \$0.08800 | \$0.46044 | \$0.02895 | \$0.05740 | \$0.54679 | \$0.63479 |
| Large Interruptible | Basic Service | \$275.00 | | | | | \$275.00 |
| | Commodity | \$0.05120 | \$0.46044 | \$0.02895 | \$0.05740 | \$0.54679 | \$0.59799 |

Units:

Customer Charge - \$ per month

Commodity Charge - \$ per therm

* An Interim Surcharge of 29.84% on the Base Rate will be applied to customer bills.

COST OF GAS SUMMARY BY CLASS - NORTH DAKOTA

March 1, 2022

| | | <u>NATURAL GAS COST COMPONENT</u> | | |
|---------------------|-----|-----------------------------------|--------------------|-----------------|
| | | <u>1</u> | <u>2</u> | <u>3</u> |
| Cost Summary | Ref | Prior Cost | Current Adjusts | Current Cost |
| Annual Demand | (a) | 0.10571 | 0.00000 | 0.10571 |
| <u>Commodity</u> | | | | |
| Residential | (b) | 0.56568 | -0.10524 | 0.46044 |
| C & I | (b) | 0.56568 | -0.10524 | 0.46044 |
| Sm Interruptible | (b) | 0.56568 | -0.10524 | 0.46044 |
| Large Interruptible | (b) | 0.56568 | -0.10524 | 0.46044 |

BILLING COST OF GAS BY CLASS (From Column 3)

| Class Summary | Residential | C&I | Small Interruptible | Large Interruptible |
|------------------------------|-------------|---------|------------------------|------------------------|
| Annual Demand | 0.10571 | 0.10571 | N / A | N / A |
| Commodity | 0.46044 | 0.46044 | 0.46044 | 0.46044 |
| SUBTOTAL | 0.56615 | 0.56615 | 0.46044 | 0.46044 |
| TRUE-UP | 0.00798 | 0.01711 | 0.02895 | 0.02895 |
| TRUE-UP (Feb. Weather Event) | 0.09318 | 0.13410 | 0.05740 | 0.05740 * |
| TOTAL COG | 0.66731 | 0.71736 | 0.54679 | 0.54679 |

*Case Nos. PU-21-9 and PU-21-102

DERIVATION OF CURRENT COSTS - NORTH DAKOTA

March 1, 2022

| | <u>12-Month Cost</u> | <u>Winter Cost</u> | Total Cost |
|--|----------------------|--------------------|----------------------------|
| <u>Demand Cost (Residential and Commercial Firm)</u> | | | |
| 1. System Demand Detail Total | \$36,910,709 | \$34,684,653 | |
| 2. <u>x North Dakota Design Day Ratio</u> | <u>12.61%</u> | <u>12.61%</u> | |
| 3. North Dakota System Demand Allocation | \$4,654,440 | \$4,373,735 | |
| 4. ND Annual / Seasonal Firm Therm Sales (Forecast) | 98,984,568 | 74,527,552 | |
| 5. Demand Unit Cost \$/Therm | \$0.04702 | \$0.05869 | \$0.10571 (a) |
| <u>Commodity Cost</u> | | | |
| 6. NNG Annual/Best Effort/Viking/WBI/Xcel Energy Peakshaving | | | \$49,469,129 |
| 7. <u>x ND Portion of Monthly Retail Sales</u> | | | <u>13.88%</u> |
| 8. ND Portion of Monthly Commodity Costs | | | \$6,866,315 |
| 9. ND Budgeted Calendar Month Retail Therm Sales | | | 14,912,443 |
| 10. Commodity Unit Cost \$/Therm (8 / 9) | | | \$0.46044 (b) |
| 11. Hedging Cost per Therm (informational) | \$0.00837 | | |
| <u>Total Gas Cost per Therm</u> | | | |
| 12. Residential/Commercial & Industrial | | | \$0.56615 (a) + (b) |
| 13. Small and Large Interruptible Commodity | | | \$0.46044 (b) |

Northern States Power Company

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

July 2021 through January 2022

| | 2021 | | | | | | 2022 | | | | | |
|------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------|--------------|--------------|------------|-------------|
| <u>ND Gas Cost Recovery</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> |
| Residential | \$114,337 | \$186,641 | \$210,615 | \$414,146 | \$1,350,824 | \$3,414,648 | \$5,931,608 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Commercial & Industrial | \$597,248 | \$650,945 | \$568,839 | \$885,844 | \$2,639,862 | \$5,300,942 | \$8,501,693 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Small Interruptible | \$77,724 | \$94,046 | \$93,128 | \$125,407 | \$213,161 | \$343,303 | \$324,988 | \$0 | \$0 | \$0 | \$0 | \$0 |
| <u>Large Interruptible</u> | <u>\$262,759</u> | <u>\$333,103</u> | <u>\$405,653</u> | <u>\$448,605</u> | <u>\$675,139</u> | <u>\$723,366</u> | <u>\$737,387</u> | <u>\$0</u> | <u>\$0</u> | <u>\$0</u> | <u>\$0</u> | <u>\$0</u> |
| Total | \$1,052,068 | \$1,264,734 | \$1,278,236 | \$1,874,002 | \$4,878,986 | \$9,782,259 | \$15,495,676 | \$0 | \$0 | \$0 | \$0 | \$0 |
| | | | | | | | | | | | | |
| <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 | \$3,716,304 | \$3,556,163 | \$3,547,398 | \$3,698,506 | \$3,707,796 | \$8,789,695 | \$8,967,102 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Commodity | \$8,401,105 | \$10,208,971 | \$10,594,236 | \$8,998,181 | \$25,799,241 | \$49,435,585 | \$64,827,787 | \$0 | \$0 | \$0 | \$0 | \$0 |
| <u>Peak Shaving</u> | <u>\$62,892</u> | <u>\$60,211</u> | <u>\$61,818</u> | <u>\$29,166</u> | <u>\$105,430</u> | <u>\$51,511</u> | <u>\$85,482</u> | <u>\$0</u> | <u>\$0</u> | <u>\$0</u> | <u>\$0</u> | <u>\$0</u> |
| Total Costs | \$12,180,301 | \$13,825,345 | \$14,203,452 | \$12,725,852 | \$29,612,467 | \$58,276,791 | \$73,880,371 | \$0 | \$0 | \$0 | \$0 | \$0 |
| | | | | | | | | | | | | |
| <u>ND Allocation Factors</u> | | | | | | | | | | | | |
| Weighted Avg Demand * | 0.1273 | 0.1273 | 0.1273 | 0.1273 | 0.1261 | 0.1261 | 0.1261 | 0.1261 | 0.1261 | 0.0000 | 0.0000 | 0.0000 |
| Commodity (Monthly Sales) | 0.1632 | 0.1580 | 0.1450 | 0.1489 | 0.1516 | 0.1468 | 0.1485 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Peak Shaving (Monthly Sales) | 0.1632 | 0.1580 | 0.1450 | 0.1489 | 0.1516 | 0.1468 | 0.1485 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | | | | | | | | | | | | |
| <u>ND Gas Costs</u> | | | | | | | | | | | | |
| Demand | \$473,086 | \$452,700 | \$451,584 | \$470,820 | \$467,553 | \$1,108,381 | \$1,130,752 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Commodity | \$1,371,060 | \$1,613,017 | \$1,536,164 | \$1,339,829 | \$3,911,165 | \$7,257,144 | \$9,626,926 | \$0 | \$0 | \$0 | \$0 | \$0 |
| <u>Peak Shaving</u> | <u>\$10,264</u> | <u>\$9,513</u> | <u>\$8,964</u> | <u>\$4,343</u> | <u>\$15,983</u> | <u>\$7,562</u> | <u>\$12,694</u> | <u>\$0</u> | <u>\$0</u> | <u>\$0</u> | <u>\$0</u> | <u>\$0</u> |
| Total Costs | \$1,854,410 | \$2,075,230 | \$1,996,712 | \$1,814,992 | \$4,394,701 | \$8,373,087 | \$10,770,372 | \$0 | \$0 | \$0 | \$0 | \$0 |
| | | | | | | | | | | | | |
| Over (Under) Recovery | (\$802,342) | (\$810,496) | (\$718,476) | \$59,010 | \$484,285 | \$1,409,172 | \$4,725,304 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Deferred Tax (@24.4%) | (\$195,771) | (\$197,761) | (\$175,308) | \$14,399 | \$118,166 | \$343,838 | \$1,152,974 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Net Balance | (\$606,571) | (\$612,735) | (\$543,168) | \$44,611 | \$366,119 | \$1,065,334 | \$3,572,330 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Cumulative Net Balance | (\$606,571) | (\$1,219,306) | (\$1,762,474) | (\$1,717,863) | (\$1,351,744) | (\$286,410) | \$3,285,920 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Interest Rate | 0.05% | 0.05% | 0.04% | 0.05% | 0.05% | 0.06% | 0.15% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| Monthly Interest | \$0 | (\$303) | (\$488) | (\$881) | (\$859) | (\$811) | (\$430) | \$0 | \$0 | \$0 | \$0 | \$0 |
| Cumulative Interest | | (\$303) | (\$791) | (\$1,672) | (\$2,531) | (\$3,342) | (\$3,772) | (\$3,772) | (\$3,772) | (\$3,772) | (\$3,772) | (\$3,772) |

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

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Purchased Gas Adjustment, March 2022
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 | | |
| FIRM TRANSPORT | | | | | | | | | |
| | NNG | TF12 112183 (Base) | 104,117 | \$13.1450 | 5 | \$6,843,089.83 | | \$6,843,089.83 | |
| | | TF12 112183 (Base) | 104,117 | \$7.3030 | 7 | \$5,322,565.16 | | \$5,322,565.16 | |
| | | TF12 112183 (Variable) | 0 | \$17.8180 | 5 | \$0.00 | | \$0.00 | |
| | | TF12 112183 (Variable) | 0 | \$7.3030 | 7 | \$0.00 | | \$0.00 | |
| | | TF5 112183 | 62,415 | \$19.4710 | 5 | \$6,076,412.33 | | \$6,076,412.33 | |
| | | TF12 112182 (Base) C/R | 0 | \$4.2849 | 12 | \$0.00 | | \$0.00 | |
| | | TF12 112182 (Base) LE | 0 | \$4.8929 | 12 | \$0.00 | | \$0.00 | |
| | | TF12 112182 (Base) Hugo | 16,190 | \$4.4369 | 12 | \$862,000.93 | | \$862,000.93 | |
| | | TF12 112182 (Variable) C/R | 31,801 | \$4.2849 | 12 | \$1,635,169.26 | | \$1,635,169.26 | |
| | | TF12 112182 (Variable) LE | 32,608 | \$4.8929 | 12 | \$1,914,572.20 | | \$1,914,572.20 | |
| | | TF12 112182 (Variable) Hugo | 13,928 | \$4.4369 | 12 | \$741,565.72 | | \$741,565.72 | |
| | | TF5 112182 C/R | 13,233 | \$4.2849 | 5 | \$283,510.41 | | \$283,510.41 | |
| | | TF5 112182 LE | 15,338 | \$4.8929 | 5 | \$375,236.50 | | \$375,236.50 | |
| | | TF5 112182 Hugo | 1,028 | \$4.4369 | 5 | \$22,805.67 | | \$22,805.67 | |
| | | TFX 112185 C/R | 1,680 | \$4.5889 | 12 | \$92,512.22 | | \$92,512.22 | |
| | | TFX 112185 C/R | 3,767 | \$4.8929 | 12 | \$221,178.65 | | \$221,178.65 | |
| | | TFX 112185 Hugo | 7,701 | \$4.4369 | 5 | \$170,842.83 | | \$170,842.83 | |
| | | TFX 112185 C/R | 48,576 | \$4.2849 | 5 | \$1,040,716.51 | | \$1,040,716.51 | |
| | | TFX 112185 LE | 2,270 | \$4.8929 | 5 | \$55,534.42 | | \$55,534.42 | |
| | | TFX 112185 Hugo | 8,546 | \$4.4369 | 5 | \$189,588.74 | | \$189,588.74 | |
| | | TFX 112185 Hugo | 10,000 | \$3.6769 | 12 | \$441,228.00 | | \$441,228.00 | |
| | | TFX 112185 Hugo | 3,376 | \$4.4369 | 2 | \$29,957.95 | | \$29,957.95 | |
| | | TFX 112185 LE | 19,999 | \$6.4361 | 5 | \$643,577.82 | | \$643,577.82 | |
| | | TFX 112185 LE | 19,999 | \$4.8329 | 7 | \$676,572.17 | | \$676,572.17 | |
| | | TFX 112186 | 62,256 | \$19.4710 | 5 | \$6,060,932.88 | | \$6,060,932.88 | |
| | | TFX 112186 | 40,504 | \$7.3030 | 5 | \$1,479,003.56 | | \$1,479,003.56 | |
| | | TFX 112186 | 21,201 | \$7.3030 | 2 | \$309,661.81 | | \$309,661.81 | |
| | | TFX 112184 | 25,000 | \$12.5000 | 5 | \$1,562,500.00 | | \$1,562,500.00 | |
| | | TFX 122067 | 17,273 | \$9.6897 | 5 | \$836,850.94 | | \$836,850.94 | |
| | | TFX 122067 | 17,273 | \$4.3329 | 7 | \$523,895.27 | | \$523,895.27 | |
| | | TFX 122068 | 9,969 | \$19.4710 | 5 | \$970,532.00 | | \$970,532.00 | |
| | | TFX 122068 | 9,969 | \$7.3030 | 7 | \$509,625.25 | | \$509,625.25 | |
| | | TFX 111739 | 28,500 | \$19.4710 | 5 | \$2,774,617.50 | | \$2,774,617.50 | |
| | | TFX 138710 | 17,000 | \$19.4710 | 5 | \$1,655,035.00 | \$44,321,291.53 | \$1,655,035.00 | \$1,655,035.00 |
| | VGT | FTA AF0156 | 72,213 | \$4.7580 | 12 | \$4,123,073.45 | | \$4,123,073.45 | |
| | | FTA AF0044 | 4,239 | \$3.8060 | 5 | \$80,668.17 | | \$80,668.17 | |
| | | FTA AF0044 | 32,405 | \$3.8060 | 12 | \$1,480,001.16 | | \$1,480,001.16 | |
| | | FTA AF0103 | 10,000 | \$3.8060 | 12 | \$456,720.00 | | \$456,720.00 | |
| | | FTA AF0037 | 15,600 | \$4.7580 | 12 | \$890,697.60 | | \$890,697.60 | |
| | | FTA AF0218 | 15,000 | \$4.7580 | 12 | \$856,440.00 | | \$856,440.00 | |
| | | FTA AF0329 | 20,200 | \$3.8060 | 12 | \$922,574.40 | \$8,810,174.78 | \$922,574.40 | |
| | ANR | FTS 114492 | 66,500 | \$5.7290 | 12 | \$4,571,742.00 | | \$4,571,742.00 | |
| | | FTS 106209 | 4,829 | \$9.1300 | 12 | \$529,065.24 | | \$529,065.24 | |
| | | FTS 106211 | 15,171 | \$5.7290 | 5 | \$434,573.30 | | \$434,573.30 | |
| | | FTS 106211 | 5,457 | \$5.7290 | 7 | \$218,842.07 | \$5,754,222.61 | \$218,842.07 | \$218,842.07 |
| | GLT | FT18539 | 3,509 | \$8.1860 | 5 | \$143,623.37 | | \$143,623.37 | |
| | | FT18539 | 5,370 | \$8.1860 | 7 | \$307,711.74 | | \$307,711.74 | |
| | | FT18129 | 9,248 | \$8.1860 | 5 | \$378,520.64 | \$829,855.75 | \$378,520.64 | \$378,520.64 |
| | WBI | FT-1482 | 8,000 | \$9.8417 | 12 | \$944,798.40 | | \$944,798.40 | |
| | | FT-1125 | 461 | \$9.8417 | 12 | \$54,444.01 | \$999,242.41 | \$54,444.01 | |
| Subtotal Firm Transport: | | | | | | | \$60,714,787.08 | \$36,910,708.81 | \$23,804,078.27 |
| 3rd PARTY SUPPLIES | | | | | | | | | |
| [PROTECTED DATA BEGINS] | | | | | | | | | |
| | | | | | | \$2,923,406.00 | \$0.00 | \$2,923,406.00 | |
| [PROTECTED DATA ENDS] | | | | | | | | | |

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Purchased Gas Adjustment, March 2022
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 | 15,261 | \$1.7820 | 12 | \$326,341.22 | \$326,341.22 | | \$326,341.22 |
| | | ANRS ANRS: R | 9,248 | \$1.2000 | 12 | \$133,171.20 | \$133,171.20 | | \$133,171.20 |
| | | NNG FDD: R | 140,230 | \$2.8624 | 12 | \$4,816,732.22 | | | \$4,816,732.22 |
| | | FDD: R | 78,050 | \$2.8624 | 12 | <u>\$2,680,923.84</u> | <u>\$7,497,656.06</u> | | <u>\$2,680,923.84</u> |
| | | | | | | | \$7,957,168.48 | | \$7,957,168.48 |
| | | <i>Subtotal Storage:</i> | | | | | <u>\$71,595,361.56</u> | <u>\$36,910,708.81</u> | <u>\$34,684,652.75</u> |

TOTAL MN/ND ALLOCATED DEMAND:

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Purchased Gas Adjustment, March 2022
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 | \$13.145 | \$7.303 | See detail below |
| times Month/Year | 5 | 7 | |
| Annual Total | \$6,843,089.83 | \$5,322,565.16 | \$12,165,654.98 |
| | Rate | Rate | |
| | Nov-Mar | Apr-Oct | |
| <u>Cost Components</u> | <u>(\$/Dth)</u> | <u>(\$/Dth)</u> | <u>Source</u> |
| Base Tariff Rate - TF12 | \$13.145 | \$7.303 | 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 | \$17.818 | \$7.303 | See detail below |
| times Month/Year | 5 | 7 | |
| Annual Total | \$0.00 | \$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 | \$17.818 | \$7.303 | 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 | \$19.471 | See detail below |
| times Month/Year | 5 | |
| Annual Total | \$6,076,412.33 | \$6,076,412.33 |
| | Rate | |
| | Nov-Mar | |
| <u>Cost Components</u> | <u>(\$/Dth)</u> | <u>Source</u> |
| Base Tariff Rate - TF5 | \$19.471 | see Note 1 |

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Purchased Gas Adjustment, March 2022
Northern States Power Company
Demand Charge Detail Supporting Worksheet

| NNG Firm Transportation - TF12 Base 112182 | | | | |
|---|-----------------|----------------|----------------|----------------|
| 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) | 0 | 0 | 16,190 | Contract |
| times Discounted Rate | \$4.285 | \$4.893 | \$4.437 | Contract |
| times Month/Year | 12 | 12 | 12 | Contract |
| Annual Total | \$0.00 | \$0.00 | \$862,000.93 | \$862,000.93 |
| 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 | 16,190 | |
| Annual Total | \$0.00 | \$0.00 | \$1,891,736.74 | \$1,891,736.74 |
| TF12B Annual Savings | | | | \$1,029,735.81 |

| NNG Firm Transportation - TF12 Variable 112182 | | | | |
|---|-----------------|----------------|----------------|-----------------|
| 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) | 31,801 | 32,608 | 13,928 | Contract |
| times Discounted Rate | \$4.285 | \$4.893 | \$4.437 | Contract |
| times Month/Year | 12 | 12 | 12 | Contract |
| Annual Total | \$1,635,169.26 | \$1,914,572.20 | \$741,565.72 | \$4,291,307.18 |
| 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 | 13,928 | |
| Annual Total | \$4,458,850.01 | \$4,572,000.29 | \$1,952,858.81 | \$10,983,709.11 |
| TF12V Annual Savings | | | | \$6,692,401.93 |

| NNG Firm Transportation - TF5 112182 | | | | |
|---|-----------------|----------------|----------------|----------------|
| 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 | \$4.285 | \$4.893 | \$4.437 | Contract |
| times Month/Year | 5 | 5 | 5 | Contract |
| Annual Total | \$283,510.41 | \$375,236.50 | \$22,805.67 | \$681,552.58 |
| 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 | \$19.471 | \$19.471 | \$19.471 | |
| times Month/Year | 5 | 5 | 5 | |
| Annual Total | \$1,288,298.72 | \$1,493,230.99 | \$100,080.94 | \$2,881,610.65 |
| TF5 Annual Savings | | | | \$2,200,058.07 |

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Purchased Gas Adjustment, March 2022
Northern States Power Company
Demand Charge Detail Supporting Worksheet

| NNG Firm Transportation - TFX 112185 | | | | |
|---|-----------------|----------------|----------------|----------------|
| TFX Annual Dollars | Cedar/Rosemount | Lake Elmo | Hugo | Source |
| <u>Discount Rate</u> | <u>Value</u> | <u>Value</u> | <u>Value</u> | |
| Volume (Dth) | 48,576 | 2,270 | 8,546 | Contract |
| times Discounted Rate | \$4.285 | \$4.893 | \$4.437 | Contract |
| times Month/Year | 5 | 5 | 5 | Contract |
| Annual Total | \$1,040,716.51 | \$55,534.42 | \$189,588.74 | \$1,285,839.66 |
| 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 | \$19.471 | \$19.471 | \$19.471 | |
| times Month/Year | 5 | 5 | 5 | |
| Annual Total | \$4,729,116.48 | \$220,995.85 | \$831,995.83 | \$5,782,108.16 |
| TFX Annual Savings | | | | \$4,496,268.50 |

| NNG Firm Transportation - TFX 112185 | | | | |
|---|-----------------|----------------|----------------|----------------|
| TFX Annual Dollars | Cedar/Rosemount | Hugo | Source | Source |
| <u>Discount Rate</u> | <u>Value</u> | <u>Value</u> | <u>Value</u> | |
| Volume (Dth) | 1,680 | 7,701 | 3,376 | Contract |
| times Discounted Rate | \$4.589 | \$4.437 | \$4.437 | Contract |
| times Month/Year | 12 | 5 | 2 | Contract |
| Annual Total | \$92,512.22 | \$170,842.83 | \$29,957.95 | \$293,313.01 |
| 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) | 1,680 | 7,701 | 3,376 | |
| Annual Total | \$249,439.68 | \$1,143,413.68 | \$501,254.98 | \$1,894,108.33 |
| TFX Annual Savings | | | | \$1,600,795.32 |

| NNG Firm Transportation - TFX 112185 Growth Option | | | | |
|---|----------------|----------------|----------------|----------------|
| TFX Annual Dollars | Hugo | Lake Elmo | Lake Elmo | Source |
| <u>Discount Rate</u> | <u>Value</u> | <u>Value</u> | <u>Value</u> | |
| Volume (Dth) | 10,000 | 19,999 | 19,999 | Contract |
| times Discounted Rate | \$3.677 | \$6.436 | \$4.833 | Contract |
| times Month/Year | 12 | 5 | 7 | Contract |
| Annual Total | \$441,228.00 | \$643,577.82 | \$676,572.17 | \$1,761,377.99 |
| TFX Annual Dollars | Firm Transport | Firm Transport | | |
| <u>Full Rate (No Discount)</u> | <u>Value</u> | <u>Value</u> | | |
| Volume (Dth) | 10,000 | 19,999 | | |
| Annual Total | \$1,484,760.00 | \$2,969,371.52 | \$4,454,131.52 | |
| TFX Annual Savings | | | | \$2,692,753.53 |

| NNG Firm Transportation - TFX 112185 Growth Option | | | | |
|---|-----------------|---------------|--------------|--------------|
| TFX Annual Dollars | Cedar/Rosemount | Source | | |
| <u>Discount Rate</u> | <u>Value</u> | <u>Source</u> | | |
| Volume (Dth) | 3,767 | Contract | | |
| times Discounted Rate | \$4.893 | Contract | | |
| times Month/Year | 12 | Contract | | |
| Annual Total | \$221,178.65 | | | |
| TFX Annual Dollars | Firm Transport | | | |
| <u>Full Rate (No Discount)</u> | <u>Value</u> | | | |
| Volume (Dth) | 3,767 | | | |
| Annual Total | \$559,309.09 | | \$559,309.09 | |
| TFX Annual Savings | | | | \$338,130.44 |

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Purchased Gas Adjustment, March 2022
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) | 62,256 | 40,504 | 21,201 | Contract |
| times Total Rate | \$19.471 | \$7.303 | \$7.303 | See Detail Below |
| times Month/Year | 5 | 5 | 2 | Contract |
| Annual Total | \$6,060,932.88 | \$1,479,003.56 | \$309,661.81 | |
| | Rate | Rate | | |
| | Nov-Dec | Apr-Oct | | |
| <u>Cost Components</u> | <u>(\$/Dth)</u> | <u>(\$/Dth)</u> | <u>Source</u> | |
| Base Tariff Rate - TFX | \$19.471 | \$7.303 | see Note 2 | |

| NNG Firm Transportation - TFX 112184 | | | | |
|---|-----------------------|---------------|--|--------------|
| <u>TFX Annual Dollars</u> | <u>Value</u> | <u>Source</u> | | |
| Discount Rate | 25,000 | Contract | | |
| Volume (Dth) | 25,000 | Contract | | |
| times Discounted Rate | \$12.500 | Contract | | |
| times Month/Year | 5 | Contract | | |
| Annual Total | \$1,562,500.00 | | | |
| <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 | \$19.471 | | | |
| times Month/Year | 5 | | | |
| Annual Total | \$2,433,875.00 | | | |
| TFX Annual Savings | | | | \$871,375.00 |

| NNG Firm Transportation - TFX 111739 | | | | |
|---|-----------------|------------------|---------------|--|
| <u>TFX12 Annual Dollars</u> | <u>Value</u> | <u>Source</u> | | |
| Volume (Dth) | 28,500 | Contract | | |
| times Total Rate | \$19.471 | See detail below | | |
| times Month/Year | 5 | | | |
| Annual Total | \$2,774,617.50 | | | |
| | Rate | Rate | | |
| | Nov-Dec | Jan-Mar | | |
| <u>Cost Components</u> | <u>(\$/Dth)</u> | <u>(\$/Dth)</u> | <u>Source</u> | |
| Base Tariff Rate - TFX | \$19.471 | \$7.303 | see Note 2 | |

| NNG Firm Transportation - TFX 122067 | | | | |
|---|-----------------|-----------------|------------------|--|
| <u>TFX12 Annual Dollars</u> | <u>Value</u> | <u>Value</u> | <u>Source</u> | |
| Volume (Dth) | 17,273 | 17,273 | Contract | |
| times Total Rate | \$9.690 | \$4.333 | See detail below | |
| times Month/Year | 5 | 7 | | |
| Annual Total | \$836,850.94 | \$523,895.27 | | |
| | Rate | Rate | | |
| | Nov-Mar | Apr-Oct | | |
| <u>Cost Components</u> | <u>(\$/Dth)</u> | <u>(\$/Dth)</u> | | |
| Discount Rate - TFX | \$9.690 | \$4.333 | | |

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Purchased Gas Adjustment, March 2022
Northern States Power Company
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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) | 9,969 | 9,969 | Contract |
| times Total Rate | \$19.471 | \$7.303 | See detail below |
| <u>times Month/Year</u> | <u>5</u> | <u>7</u> | |
| Annual Total | \$970,532.00 | \$509,625.25 | |
| | Rate | Rate | |
| | Nov-Dec | Apr-Oct | |
| <u>Cost Components</u> | <u>(\$/Dth)</u> | <u>(\$/Dth)</u> | <u>Source</u> |
| Base Tariff Rate - TFX | \$19.471 | \$7.303 | see Note 2 |

NNG Firm Transportation - TFX 138710

| | | |
|-----------------------------|-----------------|------------------|
| <u>TFX12 Annual Dollars</u> | <u>Value</u> | <u>Source</u> |
| Volume (Dth) | 17,000 | Contract |
| times Total Rate | \$19.471 | See detail below |
| <u>times Month/Year</u> | <u>5</u> | |
| Annual Total | \$1,655,035.00 | |
| | Rate | |
| | Nov-Dec | |
| <u>Cost Components</u> | <u>(\$/Dth)</u> | <u>Source</u> |
| Base Tariff Rate - TFX | \$19.471 | 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 | \$4.7580 | See detail below | |
| <u>times Month/Year</u> | <u>12</u> | | |
| Annual Total | \$4,123,073.45 | | |
| <u>Cost Components</u> | <u>Rate (\$/Dth)</u> | <u>Source</u> | <u>Term</u> |
| Base Tariff Rate: Cat 3; Zone 1-2 | \$4.7580 | 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 | 32,405 | Contract |
| times Total Rate | \$3.8060 | \$3.8060 | See detail below |
| <u>times Month/Year</u> | <u>5</u> | <u>12</u> | |
| Annual Total | \$80,668.17 | \$1,480,001.16 | |
| <u>Cost Components</u> | <u>Rate (\$/Dth)</u> | <u>Source</u> | <u>Term</u> |
| Base Tariff Rate: Cat 3 FTA Zone 1-1 | \$3.8060 | 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 | \$3.8060 | See detail below | |
| <u>times Month/Year</u> | <u>12</u> | | |
| Annual Total | \$456,720.00 | | |
| <u>Cost Components</u> | <u>Rate (\$/Dth)</u> | <u>Source</u> | <u>Term</u> |
| Base Tariff Rate: Cat 3 FT-A Zone 1-1 | \$3.8060 | See Note 3 | > 5 Years |

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Purchased Gas Adjustment, March 2022
Northern States Power Company
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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 | \$4.7580 | See detail below |
| times Month/Year | 12 | |
| Annual Total | \$890,697.60 | |

| <u>Cost Components</u> | <u>Rate (\$/Dth)</u> | <u>Source</u> | <u>Term</u> |
|-----------------------------------|----------------------|---------------|-------------|
| Base Tariff Rate: Cat 3; Zone 1-2 | \$4.7580 | 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 | \$4.7580 | See detail below |
| times Month/Year | 12 | |
| Annual Total | \$856,440.00 | |

| <u>Cost Components</u> | <u>Rate (\$/Dth)</u> | <u>Source</u> | <u>Term</u> |
|-----------------------------------|----------------------|---------------|-------------|
| Base Tariff Rate: Cat 3; Zone 1-2 | \$4.7580 | See Note 3 | > 5 Years |

VGT Firm Transportation AF0329

| <u>FT-A Annual Dollars</u> | <u>Value</u> | <u>Source</u> |
|----------------------------|--------------|------------------|
| Volume (Dth) | 20,200 | Contract |
| times Total Rate | \$3.8060 | See detail below |
| times Month/Year | 12 | |
| Annual Total | \$922,574.40 | |

| <u>Cost Components</u> | <u>Rate (\$/Dth)</u> | <u>Source</u> | <u>Term</u> |
|-----------------------------------|----------------------|---------------|-------------|
| Base Tariff Rate: Cat 3; Zone 1-1 | \$3.8060 | See Note 3 | > 5 Years |

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Purchased Gas Adjustment, March 2022
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 | \$5.729 | Contract |
| times Month/Year | 12 | |
| Annual Total | \$4,571,742.00 | |

| | | |
|--------------------------------|----------------------|---------------|
| <u>Cost Components</u> | <u>Rate (\$/Dth)</u> | <u>Source</u> |
| Base Tariff Rate: ML-7 to ML-7 | \$5.729 | 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 | \$9.130 | See detail below |
| times Month/Year | 5 | |
| Annual Total | \$220,443.85 | |

| | | |
|-----------------------------|----------------------|---------------------|
| <u>Cost Components</u> | <u>Rate (\$/Dth)</u> | <u>Source</u> |
| Discounted Rate: SW to ML-7 | \$9.130 | see Note 4/Contract |

ANR Firm Transportation - FTS 106211

| | | | |
|-----------------------------|--------------|--------------|------------------|
| <u>FTS-1 Annual Dollars</u> | <u>Value</u> | <u>Value</u> | <u>Source</u> |
| Volume (Dth) | 15,171 | 5,457 | Contract |
| times Total Rate | \$5.729 | \$5.729 | See detail below |
| times Month/Year | 5 | 7 | |
| Annual Total | \$434,573.30 | \$218,842.07 | |

| | | |
|--------------------------------|----------------------|---------------|
| <u>Cost Components</u> | <u>Rate (\$/Dth)</u> | <u>Source</u> |
| Base Tariff Rate: ML-7 to ML-7 | \$5.729 | See Note 4 |

GLT Firm Transportation - FT18539

| | | | |
|--------------------------|--------------|--------------|------------------|
| <u>FT Annual Dollars</u> | <u>Value</u> | <u>Value</u> | <u>Source</u> |
| Volume (Dth) | 3,509 | 5,370 | Contract |
| times Rate | \$8.186 | \$8.186 | See detail below |
| times Month/Year | 5 | 7 | |
| Annual Total | \$143,623.37 | \$307,711.74 | |

| | | |
|-----------------------------------|----------------------|---------------|
| <u>Cost Components</u> | <u>Rate (\$/Dth)</u> | <u>Source</u> |
| Resv Fee: Western to Eastern Zone | \$8.186 | see Note 5 |

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Purchased Gas Adjustment, March 2022
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 | \$8.186 | See detail below |
| <u>times Month/Year</u> | <u>5</u> | |
| Annual Total | \$378,520.64 | |

| | | |
|-----------------------------------|----------------------|---------------|
| <u>Cost Components</u> | <u>Rate (\$/Dth)</u> | <u>Source</u> |
| Resv Fee: Western to Eastern Zone | \$8.186 | see Note 5 |

WBI Firm Transportation - FT-1482

| | | |
|----------------------------|--------------|------------------|
| <u>FT-1 Annual Dollars</u> | <u>Value</u> | <u>Source</u> |
| Volume (Dth) | 8,000 | Contract |
| times Rate | \$9.84165 | See detail below |
| <u>times Month/Year</u> | <u>12</u> | |
| Annual Total | \$944,798.40 | |

| | | |
|------------------------|----------------------|---------------|
| <u>Cost Components</u> | <u>Rate (\$/Dth)</u> | <u>Source</u> |
| Base Tariff Rate | \$9.84165 | see Note 6 |

WBI Firm Transportation - FT1125

| | | |
|----------------------------|--------------|------------------|
| <u>FT-1 Annual Dollars</u> | <u>Value</u> | <u>Source</u> |
| Volume (Dth) | 461 | Contract |
| times Rate | \$9.84165 | See detail below |
| <u>times Month/Year</u> | <u>12</u> | |
| Annual Total | \$54,444.01 | |

| | | |
|------------------------|----------------------|---------------|
| <u>Cost Components</u> | <u>Rate (\$/Dth)</u> | <u>Source</u> |
| Base Tariff Rate | \$9.84165 | see Note 6 |

NOTES:

- [1] NNG Sixth Revised Volume No. 1, Seventh Revised Sheet No. 50, Effective April 25, 2021
- [2] NNG Sixth Revised Volume No. 1, Seventh Revised Sheet No. 51, Effective April 25, 2021
- [3] VGT Volume No. 1, Part 5.0 Statement of Rates, Effective April 1, 2021
- [4] ANR Third Revised Volume No. 1, Part 4.3 Statement of Rates, Effective August 1, 2016
- [5] GLT Third Revised Volume No. 1, Part 4.1 Statement of Rates, Effective February 1, 2019
- [6] WBI Third Revised Volume No. 1, Fifteenth Revised Sheet No. 12, Effective May 1, 2019

March-22
Northern States Power Company

WACOG Worksheet

| SUMMARY INFORMATION | | | | | | |
|---------------------|----------|---------------|----------|----------|----------|--|
| | Firm | Interruptible | Combined | High | Low | |
| NNG | \$4.6220 | \$4.7533 | \$4.6742 | \$4.7299 | \$4.5189 | |
| VGT | \$4.5526 | \$4.6313 | \$4.5815 | \$4.5849 | \$4.4108 | |
| WBI | \$4.3000 | --- | \$4.3000 | \$4.3000 | \$4.3000 | |
| ANR | \$4.7149 | --- | \$4.7149 | \$4.7149 | \$4.7149 | |
| SYSTEM | --- | --- | \$4.5982 | \$4.7299 | \$4.3000 | |

| (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

[PROTECTED DATA BEGINS]

| | | | | | |
|----|----------|--------------|--|--|--|
| 1 | \$4.6143 | Not included | | | |
| 2 | \$4.6445 | Not included | | | |
| 3 | \$4.6545 | Not included | | | |
| 4 | \$4.7299 | Not included | | | |
| 5 | \$4.5269 | Not included | | | |
| 6 | \$4.5189 | Not included | | | |
| 7 | \$4.5541 | Not included | | | |
| 8 | \$4.6093 | Not included | | | |
| 9 | \$4.6294 | Not included | | | |
| 10 | \$4.6294 | Not included | | | |
| 11 | \$4.6646 | Not included | | | |
| 12 | \$4.5390 | Not included | | | |
| 13 | \$4.5390 | Not included | | | |
| 14 | \$4.6425 | Not included | | | |
| 15 | \$4.6676 | Not included | | | |
| 16 | \$4.6776 | Not included | | | |
| 17 | \$4.5772 | Not included | | | |

Subtotal \$4.6220

NNG Interruptible

| | | | | | |
|--|---------|--------------|--|--|--|
| | \$4.530 | Not included | | | |
| | \$4.622 | Not included | | | |
| | \$4.740 | Not included | | | |
| | \$4.773 | Not included | | | |

ANR Storage
FDD Storage
Vent Spot Pur
Demarc Spot Pur

Subtotal \$4.7533

GLT/VGT Firm

| | | | | | |
|----|----------|--------------|--|--|--|
| 18 | \$4.5597 | Not included | | | |
| 19 | \$4.5849 | Not included | | | |
| 20 | \$4.4108 | Not included | | | |
| 21 | \$4.5647 | Not included | | | |

Subtotal \$4.5526

VGT Interruptible

| | | | | | |
|--|---------|--------------|--|--|--|
| | \$4.631 | Not included | | | |
|--|---------|--------------|--|--|--|

Emerson Spot Pur

Subtotal \$4.6313

WBI Firm

| | | | | | |
|----|----------|--------------|--|--|--|
| 22 | \$4.3000 | Not included | | | |
|----|----------|--------------|--|--|--|

Subtotal \$4.3000

[PROTECTED DATA ENDS]

Mar-22
Northern States Power Company

WACOG Worksheet

| | | | | | |
|--------------------------|----------|--------------------------------|--|--|--|
| WBI Interruptible | | [PROTECTED DATA BEGINS] | | | |
| | \$0.0000 | Not included | | | |
| Subtotal | | | | | |

| | | | | | |
|-----------------|----------|--------------|--|--|--|
| ANR Firm | | | | | |
| | | Not included | | | |
| | | Not included | | | |
| | | Not included | | | |
| 23 | \$4.7149 | Not included | | | |
| Subtotal | | | | | |

| | | | | | |
|------------------|----------|--------------|--|--|--|
| NNG Other | | | | | |
| SMS | \$0.0208 | Not included | | | |
| Subtotal | | | | | |

| | | | | | |
|------------------------|----------|--------------|--|--|--|
| NSP Peakshaving | | | | | |
| LNG Boiloff | \$2.9700 | Not included | | | |
| LNG | \$2.9700 | Not included | | | |
| LPG | \$9.7161 | Not included | | | |
| Subtotal | | | | | |

PROTECTED DATA 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 | | [PROTECTED DATA BEGINS] | | | |
| | \$3.0200 | Not included | | | |
| | \$3.2800 | Not included | | | |
| | \$3.6500 | Not included | | | |
| Balancing Demand | | Not included | | | |
| Storage Demand | | Not included | | | |
| Subtotal | | | | | |

PROTECTED DATA 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 | | [PROTECTED DATA BEGINS] | | | |
| Hedging Adj. | \$0.0000 | Not included | | | |
| Opportunity Sales | | Not included | | | |
| Subtotal | | | | | |

PROTECTED DATA ENDS]

| | | | | | |
|--------------|----------|--------------|------------|--------------|--------------|
| TOTAL | | | | | |
| ALL | \$4.5982 | Not included | 10,744,114 | \$49,404,049 | \$49,404,049 |

Schedule D

Northern States Power Company

March-22

Actual Daily Delivery Variance Charges
Pursuant to Docket No. G,E999/AA-96-940

| Prod. Month | Negative | | Positive | | Punitive | | Critical @ \$113.42/Mcf | | WBI @ \$26.61054/Mcf | | WBI @ \$18.61004/Mcf | |
|-------------|----------|------------|----------|-------------|----------|------------|-------------------------|---------|----------------------|---------|----------------------|---------|
| | Mcf | Dollars | Mcf | Dollars | Mcf | Dollars | Mcf | Dollars | Mcf | Dollars | Mcf | Dollars |
| Jan-16 | 0 | \$0.00 | 0 | \$0.00 | 1 | \$1.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Feb-16 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Mar-16 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Apr-16 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| May-16 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jun-16 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jul-16 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Aug-16 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Sep-16 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Oct-16 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Nov-16 | 0 | \$0.00 | 7,139 | \$4,354.79 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Dec-16 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jan-17 | 0 | \$0.00 | 0 | \$0.00 | 8,909 | \$8,909.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Feb-17 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Mar-17 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Apr-17 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| May-17 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jun-17 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jul-17 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Aug-17 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Sep-17 | 1,042 | \$262.06 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Oct-17 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Nov-17 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Dec-17 | 0 | \$0.00 | 0 | \$0.00 | 811 | \$811.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jan-18 | 0 | \$0.00 | 132 | \$80.45 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Feb-18 | 0 | \$0.00 | 0 | \$0.00 | 6,530 | \$6,530.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Mar-18 | 0 | \$0.00 | 360 | \$219.39 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Apr-18 | 1,275 | \$320.92 | 0 | \$0.00 | 6,750 | \$6,750.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| May-18 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jun-18 | 19,326 | \$4,864.35 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jul-18 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Aug-18 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Sep-18 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Oct-18 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Nov-18 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Dec-18 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jan-19 | 0 | \$0.00 | 0 | \$0.00 | 22,775 | \$1.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Feb-19 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Mar-19 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Apr-19 | 724 | \$182.59 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| May-19 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jun-19 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jul-19 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Aug-19 | 0 | \$0.00 | 14,089 | \$3,553.25 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Sep-19 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Oct-19 | 3,417 | \$861.76 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Nov-19 | 298 | \$181.81 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Dec-19 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jan-20 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Feb-20 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Mar-20 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Apr-20 | 0 | \$1.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| May-20 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jun-20 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jul-20 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Aug-20 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Sep-20 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Oct-20 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Nov-20 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Dec-20 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jan-21 | 0 | \$0.00 | 4,107 | \$4,107.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Feb-21 | 1,383 | \$911.12 | 84 | \$418.95 | 97 | \$1,557.34 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Mar-21 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Apr-21 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| May-21 | 3,799 | \$981.28 | 94,811 | \$24,489.68 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jun-21 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jul-21 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Aug-21 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Sep-21 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Oct-21 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Nov-21 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Dec-21 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |
| Jan-22 | 0 | \$0.00 | 1 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 | 0 | \$0.00 |

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 | \$ 2.3590 | \$ 8.7620 | \$11.1210 | \$19.8830 | \$17.1870 | \$15.1650 | \$13.1430 |
| | - Cmd | 0.0027 | 0.0142 | 0.0169 | 0.0303 | 0.0236 | 0.0216 | 0.0189 |
| | - MIN | 0.0027 | 0.0142 | 0.0169 | 0.0303 | 0.0236 | 0.0216 | 0.0189 |
| | - Ovrn | 0.0802 | 0.3022 | 0.3824 | 0.6840 | 0.5887 | 0.5202 | 0.4509 |
| SE - Southern (ML-2) | - Res | \$ 8.7620 | \$ 6.4030 | \$ 8.7620 | \$17.5240 | \$14.8280 | \$12.8060 | \$10.7840 |
| | - Cmd | 0.0142 | 0.0115 | 0.0142 | 0.0276 | 0.0209 | 0.0189 | 0.0162 |
| | - MIN | 0.0142 | 0.0115 | 0.0142 | 0.0276 | 0.0209 | 0.0189 | 0.0162 |
| | - Ovrn | 0.3022 | 0.2220 | 0.3022 | 0.6038 | 0.5083 | 0.4399 | 0.3707 |
| SE - Central (ML-3) | - Res | \$11.1210 | \$ 8.7620 | \$ 6.0660 | \$14.8280 | \$12.1320 | \$10.1100 | \$ 8.0880 |
| | - Cmd | 0.0169 | 0.0142 | 0.0108 | 0.0243 | 0.0175 | 0.0155 | 0.0128 |
| | - MIN | 0.0169 | 0.0142 | 0.0108 | 0.0243 | 0.0175 | 0.0155 | 0.0128 |
| | - Ovrn | 0.3824 | 0.3022 | 0.2102 | 0.5117 | 0.4164 | 0.3479 | 0.2788 |
| SOUTHWEST AREA (SW) | - Res | \$19.8830 | \$17.5240 | \$14.8280 | \$ 2.6960 | \$ 8.4250 | \$10.4470 | \$12.4690 |
| | - Cmd | 0.0303 | 0.0276 | 0.0243 | 0.0067 | 0.0169 | 0.0195 | 0.0216 |
| | - MIN | 0.0303 | 0.0276 | 0.0243 | 0.0067 | 0.0169 | 0.0195 | 0.0216 |
| | - Ovrn | 0.6840 | 0.6038 | 0.5117 | 0.0952 | 0.2939 | 0.3630 | 0.4315 |
| SW - Southern (ML-5) | - Res | \$17.1870 | \$14.8280 | \$12.1320 | \$ 8.4250 | \$ 5.7290 | \$ 7.7510 | \$ 9.7730 |
| | - Cmd | 0.0236 | 0.0209 | 0.0175 | 0.0169 | 0.0101 | 0.0128 | 0.0148 |
| | - MIN | 0.0236 | 0.0209 | 0.0175 | 0.0169 | 0.0101 | 0.0128 | 0.0148 |
| | - Ovrn | 0.5887 | 0.5083 | 0.4164 | 0.2939 | 0.1984 | 0.2676 | 0.3362 |
| SW - Central (ML-6) | - Res | \$15.1650 | \$12.8060 | \$10.1100 | \$10.4470 | \$ 7.7510 | \$ 5.7290 | \$ 7.7510 |
| | - Cmd | 0.0216 | 0.0189 | 0.0155 | 0.0195 | 0.0128 | 0.0108 | 0.0128 |
| | - MIN | 0.0216 | 0.0189 | 0.0155 | 0.0195 | 0.0128 | 0.0108 | 0.0128 |
| | - Ovrn | 0.5202 | 0.4399 | 0.3479 | 0.3630 | 0.2676 | 0.1991 | 0.2676 |
| NORTHERN (ML-7) | - Res | \$13.1430 | \$10.7840 | \$ 8.0880 | \$12.4690 | \$ 9.7730 | \$ 7.7510 | \$ 5.7290 |
| | - Cmd | 0.0189 | 0.0162 | 0.0128 | 0.0216 | 0.0148 | 0.0128 | 0.0101 |
| | - MIN | 0.0189 | 0.0162 | 0.0128 | 0.0216 | 0.0148 | 0.0128 | 0.0101 |
| | - Ovrn | 0.4509 | 0.3707 | 0.2788 | 0.4315 | 0.3362 | 0.2676 | 0.1984 |

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).

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

| | Maximum Rate per Dth | Minimum Rate per Dth |
|--|-------------------------|-------------------------|
| | ----- | ----- |
| RATE SCHEDULE FSS 1/ | | |
| ----- | | |
| With Ratchets and Seasonal Entitlements | | |
| ----- | | |
| 1. Reservation Rate | | |
| a. Deliverability Rate | \$ 2.04 | \$ 0 |
| b. Capacity Rate | \$ 0.4000 | \$ 0 |
| 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 |
| b. Capacity Rate | \$ 0.4000 | \$ 0 |
| 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 |
| b. Capacity Rate | \$ 0.4000 | \$ 0 |
| 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 |
| b. Capacity Rate | \$ 0.4000 | \$ 0 |
| 2. Commodity Rate | | |
| Injection/Withdrawal | \$ 0.0126 | \$ 0.0126 |
| 3. Overrun Service Rate | 2/ | \$ 0.0126 |

STATEMENT OF SURCHARGES

| General Terms and Conditions Section | Particulars | Maximum Rate Per Dth | Minimum Rate Per Dth |
|--|--|----------------------------|----------------------------|
| 6.15 | Cashout Price Surcharge applicable to Rate Schedules ETS, STS, FTS-1, FTS-2, FTS-3, FTS-4, FTS-4L, ITS, ITS-3, PTS-1, PTS-2 and PTS-3 | \$0.0000 | \$0.0000 |
| | Cashout Price Negative Surcharge applicable to Rate Schedules ETS, STS, FTS-1, FTS-2, FTS-3, FTS-4, FTS-4L, ITS, ITS-3, PTS-1, PTS-2 and PTS-3 | \$0.0000 | \$0.0000 |
| 6.24 | Annual Charge Adjustment applicable to Rate Schedules ETS, STS, FTS-1, ITS, FTS-2, FTS-3, FTS-4, FTS-4L, and ITS-3 1/ | 2/ | 2/ |

1/ Refer to listed Section of General Terms and Conditions for applicability to Rate Schedules FSS, DDS and MBS.

2/ The currently effective ACA unit charge as published on the Commission's website (www.ferc.gov) is incorporated herein by reference.

4.17 RESERVED FOR FUTURE USE

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) 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 |
| | TF12 Base | Variable | |
| Base Tariff Rates 1/ | | | TF5 |
| Summer (Apr-Oct) | 5.683 | 5.683 | -0- |
| Winter (Nov-Mar) | 10.230 | 13.866 | 15.153 |
| | | | 5.473 |
| | | | 9.853 |

| COMMODITY RATES 2/ | | Market Area 3/ | | Field Mileage 5/ | | Carlton Surcharges 4/ | | Out-of-Balance 3/ | |
|--------------------|----------------|----------------|---------|--------------------|--------------------|-----------------------|---------|-------------------|---------|
| TF12 Base | TF12 Var. | TF5 | TF5 | Rate per 100 miles | 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 20, 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 | Rate per 100 miles | | Carlton Surcharges 4/ | | Out-of-Balance 3/ | |
| | | Apr-Oct | Nov-Mar | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum |
| Base Tariff Rates 1/ | | \$5,683 | \$15,153 | \$5,473 | \$9,853 | | | | |

| COMMODITY RATES 2/ TFX and LFT | | Market Area 3/ | | Field Mileage 5/ Rate per 100 miles | | Carlton Surcharges 4/ | | Out-of-Balance 3/ | |
|-----------------------------------|----------------|----------------|---------|--|---------|-----------------------|---------|-------------------|---------|
| 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 |

| GULF COAST | Reservation 1/ | | Commodity 6/ | | Out-of-Balance 6/ | |
|---------------------|----------------|---------|--------------|---------|-------------------|---------|
| | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum |
| 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 | 0.6027 | 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.

WBI Energy Transmission, Inc.
 FERC Gas Tariff
 Third Revised Volume No. 1

Twelfth Revised Sheet No. 12
 Superseding
 Eleventh Revised Sheet No. 12

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
 FERC Order Date: September 23, 2014

Effective On: October 1, 2014