



414 Nicollet Mall  
Minneapolis, MN 55401

November 29, 2021

—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-21-9

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 November 1, 2021 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 true-up line for this special February Event true-up rate in the monthly COG filings.

The net effect of the COG is a decrease to the Residential rate by \$0.01895 per therm from the November COG rate, 2.48%, or \$2.56 for a typical December North Dakota Residential customer using 135 therms. Compared to November, the Commercial/Industrial price is 2.05% lower and the Interruptible prices are 2.73-2.87% lower. The decrease is a result of decreased commodity costs, slightly offset by a change to demand costs. The commodity costs decreased due to mild weather and increased production. Compared to last December, prices are 95-112 % higher.

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

| <u>Customer Class</u> | <u>\$/therm</u> |
|-----------------------|-----------------|
| Residential           | \$0.74604       |
| Commercial/Industrial | \$0.79609       |
| Small Interruptible   | \$0.62552       |
| Large Interruptible   | \$0.62552       |

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

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

Sincerely,

/s/

LISA PETERSON  
MANAGER, REGULATORY ANALYSIS

Enclosures

| Class                 | Component     | Distribution Charge* | Cost of Gas | Total Rate |
|-----------------------|---------------|----------------------|-------------|------------|
| Residential           | Basic Service | \$18.48              |             | \$18.48    |
|                       | Commodity     | \$0.00000            | \$0.74604   | \$0.74604  |
| Commercial/Industrial | Basic Service | \$30.00              |             | \$30.00    |
|                       | Commodity     | \$0.10800            | \$0.79609   | \$0.90409  |
| Small Interruptible   | Basic Service | \$75.00              |             | \$75.00    |
|                       | Commodity     | \$0.08800            | \$0.62552   | \$0.71352  |
| Large Interruptible   | Basic Service | \$275.00             |             | \$275.00   |
|                       | Commodity     | \$0.05120            | \$0.62552   | \$0.67672  |

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**

December 1, 2021

|                     |     | <u>NATURAL GAS COST COMPONENT</u> |                    |                 |
|---------------------|-----|-----------------------------------|--------------------|-----------------|
|                     |     | 1                                 | 2                  | 3               |
| <b>Cost Summary</b> | Ref | Prior<br>Cost                     | Current<br>Adjusts | Current<br>Cost |
| Annual Demand       | (a) | 0.10466                           | 0.00105            | 0.10571         |
| <u>Commodity</u>    |     |                                   |                    |                 |
| Residential         | (b) | 0.55917                           | -0.02000           | 0.53917         |
| C & I               | (b) | 0.55917                           | -0.02000           | 0.53917         |
| Sm Interruptible    | (b) | 0.55917                           | -0.02000           | 0.53917         |
| Large Interruptible | (b) | 0.55917                           | -0.02000           | 0.53917         |

BILLING COST OF GAS BY CLASS (From Column 3)

| <b>Class Summary</b>         | Residential    | C&I            | Small<br>Interruptible | Large<br>Interruptible |
|------------------------------|----------------|----------------|------------------------|------------------------|
| Annual Demand                | 0.10571        | 0.10571        | N / A                  | N / A                  |
| Commodity                    | 0.53917        | 0.53917        | 0.53917                | 0.53917                |
| SUBTOTAL                     | 0.64488        | 0.64488        | 0.53917                | 0.53917                |
| TRUE-UP                      | 0.00798        | 0.01711        | 0.02895                | 0.02895                |
| TRUE-UP (Feb. Weather Event) | 0.09318        | 0.13410        | 0.05740                | 0.05740 *              |
| <b>TOTAL COG</b>             | <b>0.74604</b> | <b>0.79609</b> | <b>0.62552</b>         | <b>0.62552</b>         |

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

Northern States Power Company  
**DERIVATION OF CURRENT COSTS - NORTH DAKOTA**  
 December 1, 2021

| <u><b>Demand Cost (Residential and Commercial Firm)</b></u>  | <u>12-Month Cost</u> | <u>Winter Cost</u> | Total Cost                 |
|--|----------------------|--------------------|----------------------------|
| 1. System Demand Detail Total                                | \$36,910,709         | \$34,684,482       |                            |
| 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          | \$4,373,713        |                            |
| 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)              |
| <br><u><b>Commodity Cost</b></u>                             |                      |                    |                            |
| 6. NNG Annual/Best Effort/Viking/WBI/Xcel Energy Peakshaving |                      |                    | \$72,961,628               |
| 7. <u>x ND Portion of Monthly Retail Sales</u>               |                      |                    | <u>13.98%</u>              |
| 8. ND Portion of Monthly Commodity Costs                     |                      |                    | \$10,200,036               |
| 9. ND Budgeted Calendar Month Retail Therm Sales             |                      |                    | 18,917,935                 |
| 10. Commodity Unit Cost \$/Therm (8 / 9)                     |                      |                    | \$0.53917 (b)              |
| 11. Hedging Cost per Therm (informational)                   | (\$0.00909)          |                    |                            |
| <br><u><b>Total Gas Cost per Therm</b></u>                   |                      |                    |                            |
| 12. Residential/Commercial & Industrial                      |                      |                    | <b>\$0.64488</b> (a) + (b) |
| 13. Small and Large Interruptible Commodity                  |                      |                    | <b>\$0.53917</b> (b)       |



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

July 2021 through October 2021

|                                     | 2021                |                     |                     |                     |                 |                 | 2022           |                 |              |              |            |             |
|-------------------------------------|---------------------|---------------------|---------------------|---------------------|-----------------|-----------------|----------------|-----------------|--------------|--------------|------------|-------------|
|                                     | <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> |
| <b><u>ND Gas Cost Recovery</u></b>  |                     |                     |                     |                     |                 |                 |                |                 |              |              |            |             |
| Residential                         | \$114,337           | \$186,641           | \$210,615           | \$414,146           | \$0             | \$0             | \$0            | \$0             | \$0          | \$0          | \$0        | \$0         |
| Commercial & Industrial             | \$597,248           | \$650,945           | \$568,839           | \$885,844           | \$0             | \$0             | \$0            | \$0             | \$0          | \$0          | \$0        | \$0         |
| Small Interruptible                 | \$77,724            | \$94,046            | \$93,128            | \$125,407           | \$0             | \$0             | \$0            | \$0             | \$0          | \$0          | \$0        | \$0         |
| Large Interruptible                 | <u>\$262,759</u>    | <u>\$333,103</u>    | <u>\$405,653</u>    | <u>\$448,605</u>    | <u>\$0</u>      | <u>\$0</u>      | <u>\$0</u>     | <u>\$0</u>      | <u>\$0</u>   | <u>\$0</u>   | <u>\$0</u> | <u>\$0</u>  |
| Total                               | <b>\$1,052,068</b>  | <b>\$1,264,734</b>  | <b>\$1,278,236</b>  | <b>\$1,874,002</b>  | <b>\$0</b>      | <b>\$0</b>      | <b>\$0</b>     | <b>\$0</b>      | <b>\$0</b>   | <b>\$0</b>   | <b>\$0</b> | <b>\$0</b>  |
| <b><u>MN-Company Gas Costs</u></b>  |                     |                     |                     |                     |                 |                 |                |                 |              |              |            |             |
| Demand                              | \$3,716,304         | \$3,556,163         | \$3,547,398         | \$3,698,506         | \$0             | \$0             | \$0            | \$0             | \$0          | \$0          | \$0        | \$0         |
| Commodity                           | \$8,401,105         | \$10,208,971        | \$10,594,236        | \$8,998,181         | \$0             | \$0             | \$0            | \$0             | \$0          | \$0          | \$0        | \$0         |
| Peak Shaving                        | <u>\$62,892</u>     | <u>\$60,211</u>     | <u>\$61,818</u>     | <u>\$29,166</u>     | <u>\$0</u>      | <u>\$0</u>      | <u>\$0</u>     | <u>\$0</u>      | <u>\$0</u>   | <u>\$0</u>   | <u>\$0</u> | <u>\$0</u>  |
| Total Costs                         | <b>\$12,180,301</b> | <b>\$13,825,345</b> | <b>\$14,203,452</b> | <b>\$12,725,852</b> | <b>\$0</b>      | <b>\$0</b>      | <b>\$0</b>     | <b>\$0</b>      | <b>\$0</b>   | <b>\$0</b>   | <b>\$0</b> | <b>\$0</b>  |
| <b><u>ND Allocation Factors</u></b> |                     |                     |                     |                     |                 |                 |                |                 |              |              |            |             |
| Weighted Avg Demand *               | 0.1273              | 0.1273              | 0.1273              | 0.1273              | 0.1261          | 0.1261          | 0.0000         | 0.0000          | 0.0000       | 0.0000       | 0.0000     | 0.0000      |
| Commodity (Monthly Sales)           | 0.1632              | 0.1580              | 0.1450              | 0.1489              | 0.0000          | 0.0000          | 0.0000         | 0.0000          | 0.0000       | 0.0000       | 0.0000     | 0.0000      |
| Peak Shaving (Monthly Sales)        | 0.1632              | 0.1580              | 0.1450              | 0.1489              | 0.0000          | 0.0000          | 0.0000         | 0.0000          | 0.0000       | 0.0000       | 0.0000     | 0.0000      |
| <b><u>ND Gas Costs</u></b>          |                     |                     |                     |                     |                 |                 |                |                 |              |              |            |             |
| Demand                              | \$473,086           | \$452,700           | \$451,584           | \$470,820           | \$0             | \$0             | \$0            | \$0             | \$0          | \$0          | \$0        | \$0         |
| Commodity                           | \$1,371,060         | \$1,613,017         | \$1,536,164         | \$1,339,829         | \$0             | \$0             | \$0            | \$0             | \$0          | \$0          | \$0        | \$0         |
| Peak Shaving                        | <u>\$10,264</u>     | <u>\$9,513</u>      | <u>\$8,964</u>      | <u>\$4,343</u>      | <u>\$0</u>      | <u>\$0</u>      | <u>\$0</u>     | <u>\$0</u>      | <u>\$0</u>   | <u>\$0</u>   | <u>\$0</u> | <u>\$0</u>  |
| Total Costs                         | <b>\$1,854,410</b>  | <b>\$2,075,230</b>  | <b>\$1,996,712</b>  | <b>\$1,814,992</b>  | <b>\$0</b>      | <b>\$0</b>      | <b>\$0</b>     | <b>\$0</b>      | <b>\$0</b>   | <b>\$0</b>   | <b>\$0</b> | <b>\$0</b>  |
| Over (Under) Recovery               | (\$802,342)         | (\$810,496)         | (\$718,476)         | \$59,010            | \$0             | \$0             | \$0            | \$0             | \$0          | \$0          | \$0        | \$0         |
| Deferred Tax (@24.4%)               | (\$195,771)         | (\$197,761)         | (\$175,308)         | \$14,399            | \$0             | \$0             | \$0            | \$0             | \$0          | \$0          | \$0        | \$0         |
| Net Balance                         | (\$606,571)         | (\$612,735)         | (\$543,168)         | \$44,611            | \$0             | \$0             | \$0            | \$0             | \$0          | \$0          | \$0        | \$0         |
| Cumulative Net Balance              | (\$606,571)         | (\$1,219,306)       | (\$1,762,474)       | (\$1,717,863)       | \$0             | \$0             | \$0            | \$0             | \$0          | \$0          | \$0        | \$0         |
| Interest Rate                       | 0.05%               | 0.05%               | 0.04%               | 0.05%               | 0.00%           | 0.00%           | 0.00%          | 0.00%           | 0.00%        | 0.00%        | 0.00%      | 0.00%       |
| Monthly Interest                    | \$0                 | (\$303)             | (\$488)             | (\$881)             | \$0             | \$0             | \$0            | \$0             | \$0          | \$0          | \$0        | \$0         |
| Cumulative Interest                 |                     | (\$303)             | (\$791)             | (\$1,672)           | (\$1,672)       | (\$1,672)       | (\$1,672)      | (\$1,672)       | (\$1,672)    | (\$1,672)    | (\$1,672)  | (\$1,672)   |

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

**PUBLIC DOCUMENT**  
**NOT PUBLIC DATA HAS BEEN EXCISED**

**Purchased Gas Adjustment, December 2021**  
**Northern States Power Company**  
**Demand Charge Detail**

| Type                            | Pipeline | Service Type/<br>Supplier   | Volume<br>Dth per Day | Monthly<br>Demand Rate | No. of<br>Months | Total Annual Cost |                | 12-Month<br>Cost | Winter-Month<br>Cost |
|---------------------------------|----------|-----------------------------|-----------------------|------------------------|------------------|-------------------|----------------|------------------|----------------------|
|                                 |          |                             |                       |                        |                  | by Supplier       | by Pipeline    |                  |                      |
| <b>FIRM TRANSPORT</b>           |          |                             |                       |                        |                  |                   |                |                  |                      |
| 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         |                  | \$1,655,035.00    |                |                  |                      |
|                                 |          |                             |                       |                        | \$44,321,291.53  |                   |                |                  |                      |
| 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     |                      |
| GLT                             |          | FT18394                     | 3,509                 | \$8.1860               | 5                | \$143,623.37      |                | \$143,623.37     |                      |
|                                 |          | FT18394                     | 5,370                 | \$8.1860               | 7                | \$307,711.74      |                | \$307,711.74     |                      |
|                                 |          | FT18071                     | 9,248                 | \$8.1860               | 5                | \$378,520.64      | \$829,855.75   | \$378,520.64     |                      |
| WBI                             |          | FT-1097                     | 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      |                      |
| <b>Subtotal Firm Transport:</b> |          |                             |                       |                        |                  | \$60,714,787.08   |                | \$36,910,708.81  | \$23,804,078.27      |
| <b>3rd PARTY SUPPLIES</b>       |          |                             |                       |                        |                  |                   |                |                  |                      |
| <b>[PROTECTED DATA BEGINS]</b>  |          |                             |                       |                        |                  |                   |                |                  |                      |
|                                 |          |                             |                       |                        |                  | \$2,923,406.00    |                | \$0.00           | \$2,923,406.00       |
| <b>PROTECTED DATA END]</b>      |          |                             |                       |                        |                  |                   |                |                  |                      |

**PUBLIC DOCUMENT**  
**NOT PUBLIC DATA HAS BEEN EXCISED**

**Purchased Gas Adjustment, December 2021**  
**Northern States Power Company**  
**Demand Charge Detail**

| Type           | Pipeline | Service Type/<br>Supplier | Volume<br>Dth per Day | Monthly<br>Demand Rate | No. of<br>Months | Total Annual Cost     |                        | 12-Month<br>Cost       | Winter-Month<br>Cost   |
|----------------|----------|---------------------------|-----------------------|------------------------|------------------|-----------------------|------------------------|------------------------|------------------------|
|                |          |                           |                       |                        |                  | by Supplier           | by Pipeline            |                        |                        |
| <u>STORAGE</u> |          |                           |                       |                        |                  |                       |                        |                        |                        |
|                |          | ANR ANRP: R               | 15,253                | \$1.7820               | 12               | \$326,170.15          | \$326,170.15           |                        | \$326,170.15           |
|                |          | 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>  |
|                |          |                           |                       |                        |                  |                       | \$7,956,997.41         |                        | \$7,956,997.41         |
|                |          | <i>Subtotal Storage:</i>  |                       |                        |                  |                       | <u>\$71,595,190.49</u> | <u>\$36,910,708.81</u> | <u>\$34,684,481.68</u> |

**TOTAL MN/ND ALLOCATED DEMAND:**

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**Purchased Gas Adjustment, December 2021**  
**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                     |                        |
| <b>Annual Total</b>         | <b>\$6,843,089.83</b> | <b>\$5,322,565.16</b> | <b>\$12,165,654.98</b> |
|                             | <b>Rate</b>           | <b>Rate</b>           |                        |
|                             | 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               |                  |
| <b>Annual Total</b>         | <b>\$0.00</b>   | <b>\$0.00</b>   | <b>\$0.00</b>    |
|                             | <b>Rate</b>     | <b>Rate</b>     |                  |
|                             | 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                     |                       |
| <b>Annual Total</b>       | <b>\$6,076,412.33</b> | <b>\$6,076,412.33</b> |
|                           | <b>Rate</b>           |                       |
|                           | 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, December 2021**  
**Northern States Power Company**  
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| <b>NNG Firm Transportation - TF12 Base 112182</b> |                 |                |                |                |
|---|-----------------|----------------|----------------|----------------|
|   | Cedar/Rosemount | Lake Elmo      | Hugo           |                |
| TF12B Annual Dollars                              |                 |                |                |                |
| <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 |

| <b>NNG Firm Transportation - TF12 Variable 112182</b> |                 |                |                |                 |
|---|-----------------|----------------|----------------|-----------------|
|   | Cedar/Rosemount | Lake Elmo      | Hugo           |                 |
| TF12V Annual Dollars                                  |                 |                |                |                 |
| <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  |

| <b>NNG Firm Transportation - TF5 112182</b> |                 |                |                |                |
|---|-----------------|----------------|----------------|----------------|
|   | Cedar/Rosemount | Lake Elmo      | Hugo           |                |
| TF5 Annual Dollars                          |                 |                |                |                |
| <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, December 2021**  
**Northern States Power Company**  
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| <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                       | \$4.285         | \$4.893        | \$4.437        | Contract        |
| <u>times Month/Year</u>                     | <u>5</u>        | <u>5</u>       | <u>5</u>       | <u>Contract</u> |
| 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       |                 |
| <u>times Month/Year</u>                     | <u>5</u>        | <u>5</u>       | <u>5</u>       |                 |
| Annual Total                                | \$4,729,116.48  | \$220,995.85   | \$831,995.83   | \$5,782,108.16  |
| TFX Annual Savings                          |                 |                |                | \$4,496,268.50  |

| <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                       | \$4.589         | \$4.437        | \$4.437        | Contract        |
| <u>times Month/Year</u>                     | <u>12</u>       | <u>5</u>       | <u>2</u>       | <u>Contract</u> |
| 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  |

| <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         | 19,999         | 19,999         | Contract        |
| times Discounted Rate                                     | \$3.677        | \$6.436        | \$4.833        | Contract        |
| <u>times Month/Year</u>                                   | <u>12</u>      | <u>5</u>       | <u>7</u>       | <u>Contract</u> |
| 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 |                 |

| <b>NNG Firm Transportation - TFX 112185 Growth Option</b> |                 |                 |              |  |
|---|-----------------|-----------------|--------------|--|
| TFX Annual Dollars  | Cedar/Rosemount |                 |              |  |
| <u>Discount Rate</u>                                      | <u>Value</u>    | <u>Source</u>   |              |  |
| Volume (Dth)  | 3,767           | Contract        |              |  |
| times Discounted Rate                                     | \$4.893         | Contract        |              |  |
| <u>times Month/Year</u>                                   | <u>12</u>       | <u>Contract</u> |              |  |
| 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, December 2021**  
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**NNG Firm Transportation - TFX 112186**

| <u>TFX Annual Dollars</u> | <u>Value</u>          | <u>Value</u>          | <u>Value</u>        | <u>Source</u>    |
|---------------------------|-----------------------|-----------------------|---------------------|------------------|
| Volume (Dth)              | 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         |
| <b>Annual Total</b>       | <b>\$6,060,932.88</b> | <b>\$1,479,003.56</b> | <b>\$309,661.81</b> |                  |

  

| <u>Cost Components</u> | <u>Rate</u>     | <u>Rate</u>     | <u>Source</u> |
|------------------------|-----------------|-----------------|---------------|
|                        | <u>Nov-Dec</u>  | <u>Apr-Oct</u>  |               |
|                        | <u>(\$/Dth)</u> | <u>(\$/Dth)</u> |               |
| Base Tariff Rate - TFX | \$19.471        | \$7.303         | see Note 2    |

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**NNG Firm Transportation - TFX 112184**

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

  

| <u>TFX Annual Dollars</u> | <u>Value</u>          | <u>Source</u>       |
|---------------------------|-----------------------|---------------------|
| Full Rate (No Discount)   | 25,000                | Firm Transport      |
| Volume (Dth)              | \$19.471              | Firm Transport      |
| times Total Rate          | 5                     | Firm Transport      |
| times Month/Year          | 5                     | Firm Transport      |
| <b>Annual Total</b>       | <b>\$2,433,875.00</b> |                     |
| <b>TFX Annual Savings</b> |                       | <b>\$871,375.00</b> |

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**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                     | See detail below |
| <b>Annual Total</b>         | <b>\$2,774,617.50</b> |                  |

  

| <u>Cost Components</u> | <u>Rate</u>     | <u>Rate</u>     | <u>Source</u> |
|------------------------|-----------------|-----------------|---------------|
|                        | <u>Nov-Dec</u>  | <u>Jan-Mar</u>  |               |
|                        | <u>(\$/Dth)</u> | <u>(\$/Dth)</u> |               |
| Base Tariff Rate - TFX | \$19.471        | \$7.303         | see Note 2    |

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**NNG Firm Transportation - TFX 122067**

| <u>TFX12 Annual Dollars</u> | <u>Value</u>        | <u>Value</u>        | <u>Source</u>    |
|-----------------------------|---------------------|---------------------|------------------|
| Volume (Dth)                | 17,273              | 17,273              | Contract         |
| times Total Rate            | \$9.690             | \$4.333             | See detail below |
| times Month/Year            | 5                   | 7                   | See detail below |
| <b>Annual Total</b>         | <b>\$836,850.94</b> | <b>\$523,895.27</b> |                  |

  

| <u>Cost Components</u> | <u>Rate</u>     | <u>Rate</u>     |
|------------------------|-----------------|-----------------|
|                        | <u>Nov-Mar</u>  | <u>Apr-Oct</u>  |
|                        | <u>(\$/Dth)</u> | <u>(\$/Dth)</u> |
| Discount Rate - TFX    | \$9.690         | \$4.333         |

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**Purchased Gas Adjustment, December 2021**  
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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    |                  |
|                             | <u>Rate</u>     | <u>Rate</u>     |                  |
|                             | 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  |                  |
|                             | <u>Rate</u>     |                  |
|                             | 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, December 2021**  
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**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           | \$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, December 2021**  
**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 - FT18394**

| <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    |

**PUBLIC DOCUMENT**  
**NOT PUBLIC DATA HAS BEEN EXCISED**

**Purchased Gas Adjustment, December 2021**  
**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-1097**

| <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

December-21  
Northern States Power Company

WACOG Worksheet

| SUMMARY INFORMATION |               |          |          |          |          |
|---------------------|---------------|----------|----------|----------|----------|
| Firm                | Interruptible | Combined | High     | Low      |          |
| NNG                 | \$5.9416      | \$6.0895 | \$5.9936 | \$6.8484 | \$5.6157 |
| VGT                 | \$5.4056      | \$5.5649 | \$5.4477 | \$5.4896 | \$5.2782 |
| WBI                 | \$5.1863      | ---      | \$5.1863 | \$5.1863 | \$5.1863 |
| ANR                 | \$5.3449      | ---      | \$5.3449 | \$5.3449 | \$5.3449 |
| SYSTEM              | ---           | ---      | \$5.3840 | \$6.8484 | \$5.1863 |

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

**NNG Firm** [PROTECTED DATA BEGINS]

|          |          |              |  |  |  |
|----------|----------|--------------|--|--|--|
| 1        | \$5.7153 | Not included |  |  |  |
| 2        | \$5.7467 | Not included |  |  |  |
| 3        | \$5.7572 | Not included |  |  |  |
| 4        | \$5.8358 | Not included |  |  |  |
| 5        | \$6.1891 | Not included |  |  |  |
|          | \$5.9113 | Not included |  |  |  |
| 6        | \$5.6157 | Not included |  |  |  |
| 7        | \$5.6629 | Not included |  |  |  |
|          |          | Not included |  |  |  |
| 8        | \$5.7205 | Not included |  |  |  |
| 9        | \$5.7415 | Not included |  |  |  |
| 10       | \$5.7415 | Not included |  |  |  |
| 11       | \$5.7782 | Not included |  |  |  |
| 12       | \$6.3044 | Not included |  |  |  |
| 13       | \$5.7048 | Not included |  |  |  |
| 14       | \$6.6891 | Not included |  |  |  |
| 15       | \$5.7645 | Not included |  |  |  |
| 16       | \$5.7907 | Not included |  |  |  |
| 17       | \$5.8012 | Not included |  |  |  |
| 18       | \$5.8746 | Not included |  |  |  |
| 19       | \$6.8484 | Not included |  |  |  |
| Subtotal | \$5.9416 |              |  |  |  |

**NNG Interruptible**

|          |          |              |  |  |  |                 |
|----------|----------|--------------|--|--|--|-----------------|
|          | \$5.380  | Not included |  |  |  | ANR Storage     |
|          | \$5.942  | Not included |  |  |  | FDD Storage     |
|          | \$6.133  | Not included |  |  |  | Vent Spot Pur   |
|          | \$6.024  | Not included |  |  |  | Demarc Spot Pur |
| Subtotal | \$6.0895 |              |  |  |  |                 |

**GLT/VGT Firm**

|          |          |              |  |  |  |
|----------|----------|--------------|--|--|--|
| 20       | \$5.4443 | Not included |  |  |  |
| 21       | \$5.4694 | Not included |  |  |  |
| 22       | \$5.4896 | Not included |  |  |  |
| 23       | \$5.2999 | Not included |  |  |  |
| 24       | \$5.2782 | Not included |  |  |  |
| 25       | \$5.2990 | Not included |  |  |  |
| Subtotal | \$5.4056 |              |  |  |  |

**VGT Interruptible**

|          |          |              |  |  |  |                  |
|----------|----------|--------------|--|--|--|------------------|
|          | \$5.565  | Not included |  |  |  | Emerson Spot Pur |
| Subtotal | \$5.5649 |              |  |  |  |                  |

**WBI Firm**

|          |          |              |  |  |  |
|----------|----------|--------------|--|--|--|
| 26       | \$5.1863 | Not included |  |  |  |
| Subtotal | \$5.1863 |              |  |  |  |

PROTECTED DATA ENDS]

Dec-21  
Northern States Power Company

WACOG Worksheet

|                          |          |                                |  |  |  |
|--------------------------|----------|--------------------------------|--|--|--|
| <b>WBI Interruptible</b> |          | <b>[PROTECTED DATA BEGINS]</b> |  |  |  |
|                          | \$0.0000 | Not included                   |  |  |  |

Subtotal

**ANR Firm**

|    |          |              |  |  |  |
|----|----------|--------------|--|--|--|
|    |          | Not included |  |  |  |
|    |          | Not included |  |  |  |
|    |          | Not included |  |  |  |
| 27 | \$5,3449 | Not included |  |  |  |

Subtotal

\$5,3449

**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

\$2.9700

**PROTECTED DATA ENDS]**

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

**STORAGE Firm**

|                  |          |                                |  |  |  |
|------------------|----------|--------------------------------|--|--|--|
|                  |          | <b>[PROTECTED DATA BEGINS]</b> |  |  |  |
|                  | \$3.0200 | Not included                   |  |  |  |
|                  | \$3.2800 | Not included                   |  |  |  |
|                  | \$3.6500 | Not included                   |  |  |  |
| Balancing Demand |          | Not included                   |  |  |  |
| Storage Demand   |          | Not included                   |  |  |  |

Subtotal

3.9697

**PROTECTED DATA ENDS]**

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

**Hedging Adjustment/Opportunity Sales**

|                   |          |                                |  |  |  |
|-------------------|----------|--------------------------------|--|--|--|
|                   |          | <b>[PROTECTED DATA BEGINS]</b> |  |  |  |
| Hedging Adj.      | \$0.0000 | Not included                   |  |  |  |
| Opportunity Sales |          | Not included                   |  |  |  |

Subtotal

#DIV/0!

**PROTECTED DATA ENDS]**

**TOTAL**

|     |          |              |            |              |              |
|-----|----------|--------------|------------|--------------|--------------|
| ALL | \$5.3840 | Not included | 13,534,565 | \$72,869,907 | \$72,869,907 |
|-----|----------|--------------|------------|--------------|--------------|



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<br>Rate per Dth<br>----- | Minimum<br>Rate per Dth<br>----- |
|---|----------------------------------|----------------------------------|
| RATE SCHEDULE FSS 1/<br>For a service term of 1 year or less<br>----- |                                  |                                  |
| With Ratchets and Seasonal Entitlements<br>-----                      |                                  |                                  |
| 1. Reservation Rate   |                                  |                                  |
| a. Deliverability Rate  | \$ 2.4205                        | \$ 0                             |
| b. Capacity Rate  | \$ 0.4746                        | \$ 0                             |
| 2. Commodity Rate   |                                  |                                  |
| Injection/Withdrawal  | \$ 0.0126                        | \$ 0.0126                        |
| 3. Overrun Service Rate   | 2/                               | \$ 0.0126                        |
| With Ratchets and Flexible Entitlements<br>-----                      |                                  |                                  |
| 1. Reservation Rate   |                                  |                                  |
| a. Deliverability Rate  | \$ 2.9069                        | \$ 0                             |
| b. Capacity Rate  | \$ 0.4746                        | \$ 0                             |
| 2. Commodity Rate   |                                  |                                  |
| Injection/Withdrawal  | \$ 0.0126                        | \$ 0.0126                        |
| 3. Overrun Service Rate   | 2/                               | \$ 0.0126                        |
| Without Ratchets and Seasonal Entitlements<br>-----                   |                                  |                                  |
| 1. Reservation Rate   |                                  |                                  |
| a. Deliverability Rate  | \$ 3.0849                        | \$ 0                             |
| b. Capacity Rate  | \$ 0.4746                        | \$ 0                             |
| 2. Commodity Rate   |                                  |                                  |
| Injection/Withdrawal  | \$ 0.0126                        | \$ 0.0126                        |
| 3. Overrun Service Rate   | 2/                               | \$ 0.0126                        |
| Without Ratchets and Flexible Entitlements<br>-----                   |                                  |                                  |
| 1. Reservation Rate   |                                  |                                  |
| a. Deliverability Rate  | \$ 3.5595                        | \$ 0                             |
| b. Capacity Rate  | \$ 0.4746                        | \$ 0                             |
| 2. Commodity Rate   |                                  |                                  |
| Injection/Withdrawal  | \$ 0.0126                        | \$ 0.0126                        |
| 3. Overrun Service Rate   | 2/                               | \$ 0.0126                        |

RATE SCHEDULE FSS 1/

For a service term of greater than 1 year up to and including 3 years

-----  
 With Ratchets and Seasonal Entitlements  
 -----

|                         |           |           |
|-------------------------|-----------|-----------|
| 1. Reservation Rate     |           |           |
| a. Deliverability Rate  | \$ 2.0400 | \$ 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  | \$ 2.4500 | \$ 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  | \$ 2.6000 | \$ 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  | \$ 3.0000 | \$ 0      |
| b. Capacity Rate        | \$ 0.4000 | \$ 0      |
| 2. Commodity Rate       |           |           |
| Injection/Withdrawal    | \$ 0.0126 | \$ 0.0126 |
| 3. Overrun Service Rate | 2/        | \$ 0.0126 |

RATE SCHEDULE FSS 1/

For a service term of greater than 3 years

-----  
 With Ratchets and Seasonal Entitlements  
 -----

|                        |           |      |
|------------------------|-----------|------|
| 1. Reservation Rate    |           |      |
| a. Deliverability Rate | \$ 2.0349 | \$ 0 |
| b. Capacity Rate       | \$ 0.3990 | \$ 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  | \$ 2.4439 | \$ 0      |
| b. Capacity Rate        | \$ 0.3990 | \$ 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  | \$ 2.5935 | \$ 0      |
| b. Capacity Rate        | \$ 0.3990 | \$ 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  | \$ 2.9925 | \$ 0      |
| b. Capacity Rate        | \$ 0.3990 | \$ 0      |
| 2. Commodity Rate       |           |           |
| Injection/Withdrawal    | \$ 0.0126 | \$ 0.0126 |
| 3. Overrun Service Rate | 2/        | \$ 0.0126 |

RATE SCHEDULE DDS 3/

|                           |           |           |
|---------------------------|-----------|-----------|
| 1. Storage Commodity Rate | \$ 0.0874 | \$ 0.0126 |
|---------------------------|-----------|-----------|

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

2/ 100% load factor rate, which is the sum of (a) the product of (1) the Deliverability Reservation Rate, (2) twelve, and (3) the Base Maximum Daily Withdrawal Quantity divided by the Maximum Storage Quantity, (b) the Capacity Reservation Rate and (c) the Injection/Withdrawal Commodity Rate.

3/ The rates shown are subject to all applicable volumetric charges or surcharges, under Section 6.24 of the General Terms and Conditions of this Tariff. Section 4.16 reflects the applicable charges and surcharges under these Sections.

STATEMENT OF SURCHARGES

| General Terms<br>and Conditions<br>Section | Particulars  | Maximum<br>Rate<br>Per Dth | Minimum<br>Rate<br>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 | (\$0.0002)                 | (\$0.0002)                 |
| 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](http://www.ferc.gov)) is incorporated herein by reference.

STATEMENT OF RATES FOR STORAGE OF NATURAL GAS

RATE SCHEDULE FS  
 -----

|   | Rate per Dth<br>----- |
|---|-----------------------|
| 1. Reservation Rate                       |                       |
| a. Deliverability – Monthly               | Market Based          |
| b. Capacity – Monthly                     | Market Based          |
| c. Deliverability - Daily (3)             | Market Based          |
| d. Capacity - Daily (3)                   | Market Based          |
| 2. Injection/Withdrawal<br>Commodity Rate | Market Based          |
| 3. Overrun Service Rate (1)               | Market Based          |

RATE SCHEDULE IS  
 -----

|                   | Rate per Dth<br>----- |
|-------------------|-----------------------|
| 1. Commodity Rate | Market Based          |

SURCHARGE APPLICABLE TO  
 FS AND IS SERVICE (2)  
 -----

|        | Maximum<br>Rate per Dth<br>----- | Minimum<br>Rate per Dth<br>----- |
|--------|----------------------------------|----------------------------------|
| 1. ACA | (4)                              | (4)                              |

Rate Schedules FS and IS (5)  
 -----

|                         |              |
|-------------------------|--------------|
| Seller's Injection Use  | Market Based |
| Seller's Withdrawal Use | Market Based |

- (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) 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.
- (5) May be assessed in-kind or on a dollars-per-dekatherm basis.

GREAT LAKES GAS TRANSMISSION LIMITED PARTNERSHIP

Open Access Rates  
 Firm Transportation Service  
 Rate Schedule FT 6/

|   | Western<br>Zone 1/ 2/ 3/<br>Deliveries | Central<br>Zone 1/ 2/ 3/<br>Deliveries | Eastern<br>Zone 1/ 2/ 3/<br>Deliveries |
|---|--|--|--|
| Receipts in Western Zone -<br>-----     | (Rates per Dth)                        | (Rates per Dth)                        | (Rates per Dth)                        |
| Reservation Fee                         | \$2.754                                | \$4.586                                | \$8.186                                |
| Utilization Fee                         | 0.00288                                | 0.00544                                | 0.00954                                |
| Max. Volumetric Rate at 100% L.F. 4/ 5/ | 0.09054                                | 0.15079                                | 0.26913                                |
| Receipts in Central Zone -<br>-----     |  |  |  |
| Reservation Fee                         | \$4.586                                | \$2.366                                | \$5.965                                |
| Utilization Fee                         | 0.00544                                | 0.00256                                | 0.00666                                |
| Max. Volumetric Rate at 100% L.F. 4/ 5/ | 0.15079                                | 0.07778                                | 0.19612                                |
| Receipts in Eastern Zone -<br>-----     |  |  |  |
| Reservation Fee                         | \$8.186                                | \$5.965                                | \$4.133                                |
| Utilization Fee                         | 0.00954                                | 0.00666                                | 0.00410                                |
| Max. Volumetric Rate at 100% L.F. 4/ 5/ | 0.26913                                | 0.19612                                | 0.13587                                |

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

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

RATE SCHEDULE TF

| RESERVATION RATES    | MARKET-TO-MARKET |               | FIELD-TO-FIELD/MARKET DEMARCATION |
|----------------------|------------------|---------------|-----------------------------------|
|                      | TF12 Base        | TF12 Variable | TF5                               |
|                      | TF12             |               | TFF                               |
| Base Tariff Rates 1/ |                  |               |                                   |
| Summer (Apr-Oct)     | 7.303            | 7.303         | -0-                               |
| Winter (Nov-Mar)     | 13.145           | 17.818        | 19.471                            |
|                      |                  |               | 6.212                             |
|                      |                  |               | 11.183                            |

| COMMODITY RATES 2/ |                | Market Area 3/ 6/ |         | Field Mileage 5/   |                    | Carlton Surcharges 4/ |         | Out-of-Balance 3/ |         |
|--------------------|----------------|-------------------|---------|--------------------|--------------------|-----------------------|---------|-------------------|---------|
| TF12 Base          | TF12 Var.      | TF5               | TFF     | 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         | 0.0165            | 0.0165  |                    |                    | 0.0175                | 0.0000  | 0.0165            | 0.0165  |
| Field              | Market         | 0.0165            | 0.0165  | 0.0078             | 0.0078             | 0.0175                | 0.0000  |                   |         |
| Market             | Field          |                   |         | 0.0078             | 0.0078             |                       |         |                   |         |
| Field              | Field          |                   |         | 0.0078             | 0.0078             |                       |         | 0.0188            | 0.0188  |

- 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 in Sheet Nos. 59-60A represent the maximum Field Area throughput commodity rates for any transaction involving MIDs. The firm transportation services commodity rates are not discountable.
- 3/ In addition, Shipper shall pay the applicable Electric Compression commodity rate as shown in Sheet No. 54 and ACA unit surcharge as posted on FERC's website at <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 commodity rate as shown in Sheet No. 54 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/ There will be no commodity charge for transportation from the Ventura pooling point (POI 78623) to the NBPL/NNG Ventura point (POI 192) and from the Ventura pooling point (POI 78623) to the MID 17 pooling point (POI 71458). In addition, there will be no commodity charge for transportation as set forth in Sheet Nos. 141, 142C and 147.

RATE SCHEDULE TFX

| RESERVATION RATES    | MARKET-TO-MARKET |                 | FIELD-TO-FIELD |                 |
|----------------------|------------------|-----------------|----------------|-----------------|
|                      | Apr-Oct          | Nov-Mar         | Apr-Oct        | Nov-Mar         |
| Base Tariff Rates 1/ | <u>\$7.303</u>   | <u>\$19.471</u> | <u>\$6.212</u> | <u>\$11.183</u> |

| COMMODITY RATES 2/<br>TFX |                | Market Area 3/ 6/ |         | Field Mileage 5/<br>Rate per 100 miles |         | Carlton<br>Surcharge 4/ |         | Out-of-Balance 3/ |         |
|---------------------------|----------------|-------------------|---------|--|---------|-------------------------|---------|-------------------|---------|
| Receipt Point             | Delivery Point | Maximum           | Minimum | Maximum                                | Minimum | Maximum                 | Minimum | Maximum           | Minimum |
| Market                    | Market         | 0.0165            | 0.0165  |  |         | 0.0175                  | 0.0000  | 0.0165            | 0.0165  |
| Field                     | Market         | 0.0165            | 0.0165  | 0.0078                                 | 0.0078  | 0.0175                  | 0.0000  |                   |         |
| Market                    | Field          |                   |         | 0.0078                                 | 0.0078  |                         |         |                   |         |
| Field                     | Field          |                   |         | 0.0078                                 | 0.0078  |                         |         | 0.0188            | 0.0188  |

- 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 in Sheet Nos. 59-60A represent the maximum Field Area throughput commodity rates for any transaction involving MIDs. The firm transportation services commodity rates are not discountable.
- 3/ In addition, Shipper shall pay the applicable Electric Compression commodity rate as shown in Sheet No. 54 and ACA unit surcharge as posted on FERC's website at <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 commodity rate as shown in Sheet No. 54 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/ There will be no commodity charge for transportation from the Ventura pooling point (POI 78623) to the NBPL/NNG Ventura point (POI 192) and from the Ventura pooling point (POI 78623) to the MID 17 pooling point (POI 71458). In addition, there will be no commodity charge for transportation as set forth in Sheet Nos. 141, 142C and 147.

RATE SCHEDULES FDD, PDD, IDD, ILD & SMS

Rate Schedule FDD

|                            |        |    |
|----------------------------|--------|----|
| Maximum Reservation Charge | 2.8624 | 1/ |
| Maximum Capacity Charge    | 0.5957 | 1/ |
| Injection Charge - Firm    | 0.0197 |    |
| Withdrawal Charge - Firm   | 0.0197 |    |
| Annual Rollover Charge     | 0.5957 | 1/ |

Rate Schedule PDD

|                                  |        |    |
|----------------------------------|--------|----|
| Maximum Capacity Charge          | 0.5957 | 1/ |
| Maximum Monthly Inventory Charge | 0.1552 | 1/ |
| Injection Charge                 | 0.0197 |    |
| Withdrawal Charge                | 0.0197 |    |
| Annual Rollover Charge           | 0.5957 | 1/ |

Rate Schedule IDD

|                                  |        |    |
|----------------------------------|--------|----|
| Maximum Monthly Inventory Charge | 0.1552 | 1/ |
| Injection Charge                 | 0.0197 |    |
| Withdrawal Charge                | 0.0197 |    |
| Annual Rollover Charge           | 0.5957 | 1/ |

Rate Schedule ILD

|                               |         |  |
|-------------------------------|---------|--|
| Maximum Charge                | 11.7500 |  |
| Minimum Charge                | 0.5044  |  |
| Performance Obligation Charge | 2.0000  |  |

Rate Schedule SMS

|                    |        |  |
|--------------------|--------|--|
| Reservation Charge | 3.2110 |  |
| Commodity Rate     | 0.0208 |  |

1/ Minimum Rate is zero.

STATEMENT OF RATES  
 (Rates Per Dekatherm)

Currently Effective Term-Differentiated Rates

| Rate Schedule   | Base<br>Tariff<br>Rate |
|---|------------------------|
| <b>Category 1 (Contract Term of Less than 3 Years)</b>            |                        |
| Monthly Reservation Rates   |                        |
| FT-A  |                        |
| Zone 1-1 Maximum Rate   | \$3.9106               |
| Zone 1-1 Minimum Rate   | \$0.0000               |
| Zone 1-2 Maximum Rate 1/  | \$4.9080               |
| Zone 1-2 Minimum Rate   | \$0.0000               |
| Zone 2-2 Maximum Rate   | \$2.6118               |
| Zone 2-2 Minimum Rate   | \$0.0000               |
| <b>Category 2 (Contract Term of 3 Years to less than 5 Years)</b> |                        |
| Monthly Reservation Rates   |                        |
| FT-A  |                        |
| Zone 1-1 Maximum Rate   | \$3.8583               |
| Zone 1-1 Minimum Rate   | \$0.0000               |
| Zone 1-2 Maximum Rate   | \$4.8330               |
| Zone 1-2 Minimum Rate   | \$0.0000               |
| Zone 2-2 Maximum Rate   | \$2.5890               |
| Zone 2-2 Minimum Rate   | \$0.0000               |
| <b>Category 3 (Contract Term of 5 or more Years)</b>              |                        |
| Monthly Reservation Rates   |                        |
| FT-A  |                        |
| Zone 1-1 Maximum Rate   | \$3.8060               |
| Zone 1-1 Minimum Rate   | \$0.0000               |
| Zone 1-2 Maximum Rate   | \$4.7580               |
| Zone 1-2 Minimum Rate   | \$0.0000               |
| Zone 2-2 Maximum Rate   | \$2.5662               |
| 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<br>RATE | TOP<br>THROUGHPUT<br>SURCHARGE | GAS SUPPLY<br>REALIGNMENT<br>SURCHARGE | BASE TARIFF<br>RATE PLUS<br>SURCHARGES |
|--|---------------------------|---------------------|--------------------------------|--|--|
| -----                                  |                           |                     |                                |  |  |
| RATE SCHEDULE FT-1                     |                           |                     |                                |  |  |
| -----                                  |                           |                     |                                |  |  |
| RESERVATION CHARGE                     |                           |                     |                                |  |  |
| MAXIMUM DAILY DELIVERY QUANTITY (MDDQ) |                           |                     |                                |  |  |
| MAXIMUM                                | RATE PER EQV. DKT PER MO. | 984.165             | N.A.                           | N.A.                                   | 984.165                                |
| MINIMUM                                | RATE PER EQV. DKT PER MO  | 0.000               | N.A.                           | N.A.                                   | 0.000                                  |
| COMMODITY CHARGE                       |                           |                     |                                |  |  |
| MAXIMUM A/B/C/                         | RATE PER DKT              | 2.477               | N.A.                           | N.A.                                   | 2.477                                  |
| MINIMUM A/B/C/                         | RATE PER DKT              | 2.477               | N.A.                           | N.A.                                   | 2.477                                  |
| SCHEDULED OVERRUN CHARGE               |                           |                     |                                |  |  |
| MAXIMUM A/B/C/                         | RATE PER DKT              | 34.367              | N.A.                           | N.A.                                   | 34.367                                 |
| MINIMUM A/B/C/                         | RATE PER DKT              | 2.477               | N.A.                           | N.A.                                   | 2.477                                  |
| VOLUMETRIC CAPACITY RELEASE CHARGE     |                           |                     |                                |  |  |
| MAXIMUM                                | RATE PER DKT              | 32.356              | N.A.                           | N.A.                                   | 32.356                                 |
| MINIMUM                                | RATE PER DKT              | 0.000               | N.A.                           | N.A.                                   | 0.000                                  |

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