

**Montana-Dakota Utilities Co.
 Gas Utility - North Dakota
 Cost of Service by Class**

| | Total North Dakota | Total Residential | Total Small Firm General | Total Large Firm General | Total Air Force Delivery | Total Small Interruptible | Total Large Interruptible | Total MAFB Distribution |
|---|-----------------------|----------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|
| Revenue to Cost Ratio Under Current Rates | 0.86 | 0.78 | 0.88 | 0.95 | 0.81 | 0.99 | 1.71 | 2.19 |
| Revenues at Equalized Rates of Return | | | | | | | | |
| Revenue Increase | 6,886,079 | 6,699,635 | 622,700 | 502,466 | 26,414 | 23,085 | (740,297) | (247,923) |
| Parity Ratio | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| INTERIM RATES ALLOCATION | | | | | | | | |
| Equal Percentage Increase to eligible customers | | | | | | | | |
| Revenue Increase | 6,886,079 | 4,159,151 | 772,411 | 1,529,901 | 18,872 | 297,994 | 107,751 | 0 |
| Parity Ratio | 1.00 | 0.92 | 1.03 | 1.11 | 0.94 | 1.16 | 1.81 | 2.19 |
| SETTLEMENT RATE REVENUE ALLOCATION - adjusted customer component | | | | | | | | |
| Min. 25% of System Average to eligible customers | | | | | | | | |
| Revenue Increase | 6,886,079 | 5,633,063 | 622,700 | 502,466 | 26,414 | 74,498 | 26,938 | 0 |
| Parity Ratio | 1.00 | 0.97 | 1.00 | 1.00 | 1.00 | 1.03 | 1.73 | 2.19 |
| MDU Customers | 112,659 | 96,225 | 11,217 | 5,059 | 3 | 148 | 7 | 0 |
| Great Plains Customers | 2,355 | 1,900 | 282 | 145 | | 17 | 11 | |
| Less: Flex Customers | (11) | | | | | | (11) | |
| Total Customers | 115,003 | 98,125 | 11,499 | 5,204 | 3 | 165 | 7 | 0 |

Rate class average increase by customer on the following pages:

- MDU Residential: Page 2
- Air Force - Firm Delivery: Page 3
- Air Force - Interruptible: Page 4
- MDU Firm General: Page 5
- MDU Small Interruptible: Page 6
- MDU Large Interruptible: Page 7
- Wahpeton Residential & Firm General: Page 8
- Wahpeton Interruptible: Page 9



**Montana-Dakota Utilities Co.
 Gas Utility - North Dakota
 Rate Reconciliation
 Residential Gas Service - Rates 60 & 90
 Projected 2021**

| <u>Residential Rates</u> | Billing Units | | <u>Current</u> | | <u>Settlement</u> | |
|------------------------------|------------------|-----------|----------------|---------------------|-------------------|---------------------|
| | | | Rate | Amount | Rate | Amount |
| Basic Service Charge (60) | 95,952 | Customers | \$0.6860 | \$24,025,421 | \$0.8440 | \$29,558,973 |
| Basic Service Charge (90) | 273 | Customers | \$0.6860 | 68,356 | \$0.8440 | 84,100 |
| | <u>96,225</u> | | | <u>24,093,777</u> | | <u>29,643,073</u> |
| Distribution Delivery Charge | 8,467,441 | dk | \$0.000 | 0 | \$0.000 | 0 |
| Cost of Gas (60) | 8,450,493 | dk | \$3.984 | 33,666,764 | \$3.984 | 33,666,764 |
| Cost of Gas (90) | 16,948 | dk | \$3.953 | 66,995 | \$3.953 | 66,995 |
| | <u>8,467,441</u> | | | <u>\$33,733,759</u> | | <u>\$33,733,759</u> |
| Total Revenue Rates 60 & 90 | | | | <u>\$57,827,536</u> | | <u>\$63,376,832</u> |

Rate 60 - Average Annual Increase:

| | |
|--------------------------|-------------|
| Basic Service Charge: | \$57.67 |
| Distribution Charge: | <u>0.00</u> |
| Average Annual Increase: | \$57.67 |

Rate 90 - Average Annual Increase:

| | |
|--------------------------|-------------|
| Basic Service Charge: | \$57.67 |
| Distribution Charge: | <u>0.00</u> |
| Average Annual Increase: | \$57.67 |

**Montana-Dakota Utilities Co.
 Gas Utility - North Dakota
 Rate Reconciliation
 Air Force Firm Service - Rate 64
 Projected 2021**

| Air Force Rate 64 - Firm | Billing Units | Current | | Settlement | |
|---------------------------------|---------------|----------|------------------|------------|------------------|
| | | Rate | Amount | Rate | Amount |
| Basic Service Charge | 1 Customer | \$175.00 | \$2,100 | \$175.00 | \$2,100 |
| Distribution Delivery Charge | 36,425 dk | \$0.329 | 11,984 | \$0.418 | 15,226 |
| Cost of Gas | 36,425 dk | \$3.984 | <u>145,117</u> | \$3.984 | <u>145,117</u> |
| Total Revenue Rate 64 | | | <u>\$159,201</u> | | <u>\$162,443</u> |

Rate 64 Firm Service - Average Annual Increase:

| | |
|--------------------------|-------------------|
| Basic Service Charge: | \$0.00 |
| Distribution Charge: | <u>3,242.00</u> |
| Average Annual Increase: | <u>\$3,242.00</u> |

**Montana-Dakota Utilities Co.
 Gas Utility - North Dakota
 Rate Reconciliation
 Air Force Interruptible Service - Rate 64
 Projected 2021**

| Air Force Rate 64 - Interruptible | Billing Units | Current | | Settlement | |
|--|----------------|------------|--------------------|------------|--------------------|
| | | Rate | Amount | Rate | Amount |
| Basic Service Charge | | | | | |
| Minot Air Force Base | 1 Customer | \$2,000.00 | \$24,000 | \$2,000.00 | \$24,000 |
| PAR Site | 1 Customer | \$175.00 | 2,100 | \$175.00 | 2,100 |
| | <u>2</u> | | <u>26,100</u> | | <u>26,100</u> |
| Distribution Delivery Charge | 396,550 dk | \$0.177 | 70,189 | \$0.235 | 93,189 |
| Cost of Gas | | | | | |
| Minot Air Force Base | 369,780 dk | \$2.625 | 970,673 | \$2.625 | 970,673 |
| PAR Site | 26,770 dk | \$2.637 | 70,592 | \$2.637 | 70,592 |
| | <u>396,550</u> | | <u>1,041,265</u> | | <u>1,041,265</u> |
| Total Revenue | | | <u>\$1,137,554</u> | | <u>\$1,160,554</u> |

Rate 64 Interruptible Service - Average Annual Increase:

| | |
|--------------------------|--------------------|
| Basic Service Charge: | \$0.00 |
| Distribution Charge: | 11,500.00 |
| Average Annual Increase: | <u>\$11,500.00</u> |

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Rate Reconciliation
Firm General Gas Service - Rates 70, 72, 74, & 92
Projected 2021

| Firm General Rates | Billing Units | | Current | | Settlement | |
|---|------------------|-----------|----------|---------------------|------------|---------------------|
| | | | Rate | Amount | Rate | Amount |
| Basic Service Chg Rates (70 Small) | 11,127 | Customers | \$0.70 | \$2,842,949 | \$0.75 | \$3,046,016 |
| Basic Service Chg Rates (72 Small) | 5 | Customers | \$0.70 | 1,278 | \$0.75 | 1,369 |
| Basic Service Chg Rates (74 Small) | 18 | Customers | \$0.70 | 4,599 | \$0.75 | 4,928 |
| Basic Service Chg Rates (92 Small) | 67 | Customers | \$0.70 | 17,119 | \$0.75 | 18,341 |
| Basic Service Chg Rates (70 Large) | 5,025 | Customers | \$2.05 | 3,759,956 | \$2.13 | 3,906,686 |
| Basic Service Chg Rates (72 Large) | 11 | Customers | \$2.05 | 8,231 | \$2.13 | 8,552 |
| Basic Service Chg Rates (74 Large) | 16 | Customers | \$2.05 | 11,972 | \$2.13 | 12,439 |
| Basic Service Chg Rates (92 Large) | 7 | Customers | \$2.05 | 5,238 | \$2.13 | 5,442 |
| | <u>16,276</u> | | | <u>\$6,651,342</u> | | <u>\$7,003,773</u> |
| Distribution Delivery Charge (Excl Rate 74) | | | | | | |
| Small | 1,949,155 | Dk | \$0.811 | 1,580,765 | \$1.016 | 1,980,341 |
| Large | 6,156,438 | Dk | 0.811 | 4,992,871 | 0.864 | 5,319,162 |
| Distribution Demand Charge | | | | | | |
| 74 Small | 336 | Demand Dk | \$6.510 | 2,187 | \$8.000 | 2,688 |
| 74 Large | 14,880 | Demand Dk | \$6.510 | 96,869 | \$8.000 | 119,040 |
| | | | | <u>99,056</u> | | <u>121,728</u> |
| Cost of Gas (70 Small) | 1,936,766 | Dk | \$3.984 | 7,716,076 | \$3.984 | 7,716,076 |
| Cost of Gas (72 Small) | 1,022 | Dk | \$2.502 | 2,557 | \$2.502 | 2,557 |
| Cost of Gas (92 Small) | 11,367 | Dk | \$3.953 | 44,934 | \$3.953 | 44,934 |
| Cost of Gas (70 Large) | 6,130,793 | Dk | \$3.984 | 24,425,079 | \$3.984 | 24,425,079 |
| Cost of Gas (72 Large) | 12,357 | Dk | \$2.502 | 30,917 | \$2.502 | 30,917 |
| Cost of Gas (92 Large) | 13,288 | Dk | \$3.953 | 52,527 | \$3.953 | 52,527 |
| | <u>8,105,593</u> | | | <u>32,272,090</u> | | <u>32,272,090</u> |
| Cost of Gas (74 Small) | 24 | Dk | \$2.502 | 60 | \$2.502 | 60 |
| Capacity Charge (74 Small) | 336 | Demand Dk | \$10.620 | 3,568 | \$10.620 | 3,568 |
| Cost of Gas (74 Large) | 272,866 | Dk | \$2.502 | 682,711 | \$2.502 | 682,711 |
| Capacity Charge (74 Large) | 14,880 | Demand Dk | \$10.620 | 158,026 | \$10.620 | 158,026 |
| | | | | <u>844,365</u> | | <u>844,365</u> |
| Total Revenue | | | | <u>\$46,440,489</u> | | <u>\$47,541,459</u> |

Rate 70 Small - Average Annual Increase:

| | |
|--------------------------|----------------|
| Basic Service Charge: | \$18.25 |
| Distribution Charge: | 35.68 |
| Average Annual Increase: | <u>\$53.93</u> |

Rate 70 Large - Average Annual Increase:

| | |
|--------------------------|----------------|
| Basic Service Charge: | \$29.20 |
| Distribution Charge: | 64.66 |
| Average Annual Increase: | <u>\$93.86</u> |

**Montana-Dakota Utilities Co.
 Gas Utility - North Dakota
 Rate Reconciliation
 Small Interruptible Service - Rates 71 & 81
 Projected 2021**

| Small Interruptible Service Rates 71 & 81 | Billing Units | Current | | Settlement | |
|--|---------------|----------|--------------------|------------|--------------------|
| | | Rate | Amount | Rate | Amount |
| Basic Service Charge | | | | | |
| Rate 71 Sales | 87 Customers | \$190.00 | \$198,360 | \$450.00 | \$469,800 |
| Rate 81 Transport | 61 Customers | 190.00 | 139,080 | \$450.00 | 329,400 |
| | <u>148</u> | | <u>337,440</u> | | <u>799,200</u> |
| Distribution Delivery Charge | | | | | |
| Rate 71 Sales | 514,844 dk | \$1.063 | 547,279 | \$0.543 | 279,560 |
| Rate 81 Transport | 1,015,084 dk | \$0.668 | 678,076 | \$0.543 | 551,191 |
| Cost of Gas | 514,844 dk | \$2.637 | <u>1,357,644</u> | \$2.637 | <u>1,357,644</u> |
| Sales | | | \$2,103,283 | | \$2,107,004 |
| Transport | | | 817,156 | | 880,591 |
| Total Revenue | | | <u>\$2,920,439</u> | | <u>\$2,987,595</u> |

Rate 71 - Average Annual Increase:

| | |
|--------------------------|-------------------|
| Basic Service Charge: | \$3,120.00 |
| Distribution Charge: | <u>(3,077.23)</u> |
| Average Annual Increase: | <u>\$42.77</u> |

Rate 81 - Average Annual Increase:

| | |
|--------------------------|-------------------|
| Basic Service Charge: | \$3,120.00 |
| Distribution Charge: | <u>(2,080.08)</u> |
| Average Annual Increase: | <u>\$1,039.92</u> |

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Rate Reconciliation
Large Interruptible Service - Rates 82 & 85
(Excluding Flexed Contracts)
Projected 2021

| Large Interruptible Service Rates 85 & 82 | Billing Units | Current | | Settlement | |
|--|---------------|------------|------------------|------------|------------------|
| | | Rate | Amount | Rate | Amount |
| Basic Service Charge | | | | | |
| Rate 85 Sales | 0 Customers | \$1,500.00 | \$0 | \$1,600.00 | \$0 |
| Rate 82 Transport | 5 Customers | 1,500.00 | 90,000 | 1,600.00 | 96,000 |
| | | | <u>90,000</u> | | <u>96,000</u> |
| Distribution Delivery Charge | | | | | |
| Rate 85 Sales | 0 dk | \$0.718 | 0 | \$0.235 | 0 |
| Rate 82 Transport | 774,189 dk | \$0.231 | 178,838 | \$0.235 | 181,934 |
| Cost of Gas | | | | | |
| | 0 dk | \$2.637 | 0 | \$2.637 | 0 |
| Sales | | | | | |
| Transport | | | \$0 | | \$0 |
| | | | <u>268,838</u> | | <u>277,934</u> |
| Total Revenue | | | \$268,838 | | \$277,934 |

Rate 82 - Average Annual Increase:

Basic Service Charge: \$1,200.00
 Distribution Charge: 619.20
 Average Annual Increase: \$1,819.20

**Montana-Dakota Utilities Co.
 Gas Utility - North Dakota
 Rate Reconciliation
 Firm Gas Service - GPNG Rate 65
 Projected 2021**

| Wahpeton Firm Rates | Billing Units | | Current | | Settlement | |
|----------------------------------|----------------|-----------|----------|--------------------|------------|--------------------|
| | | | Rate | Amount | Rate | Amount |
| Basic Service Charge | | | | | | |
| Residential | 1,900 | Customers | \$3.50 | \$79,800 | \$0.250 | \$173,375 |
| Firm General | | | | | | |
| Small < 500 CFH | 282 | Customers | \$3.50 | 11,844 | \$0.250 | 25,733 |
| Large > 500 CFH | 145 | Customers | \$3.50 | 6,090 | \$0.250 | 13,231 |
| | <u>2,327</u> | | | <u>97,734</u> | | <u>212,339</u> |
| Distribution Delivery Charge | | | | | | |
| Residential | | | | | | |
| First 10 Dk | 104,506 | dk | \$1.0720 | 112,030 | | |
| Over 10 Dk | 47,532 | dk | \$0.8220 | 39,071 | | |
| | <u>152,038</u> | | | <u>151,101</u> | \$0.915 | 139,115 |
| Firm General - Small | | | | | | |
| First 10 Dk | 12,900 | dk | \$1.0720 | 13,829 | | |
| Over 10 Dk | 52,132 | dk | \$0.8220 | 42,853 | | |
| | <u>65,032</u> | | | <u>56,682</u> | \$0.915 | 59,504 |
| Firm General - Large | | | | | | |
| First 10 Dk | 15,101 | dk | \$1.0720 | 16,188 | | |
| Over 10 Dk | 61,029 | dk | \$0.8220 | 50,166 | | |
| | <u>76,130</u> | | | <u>66,354</u> | \$0.915 | 69,659 |
| Cost of Gas (Residential) | 152,038 | dk | \$4.3408 | 659,967 | \$4.3408 | 659,967 |
| Cost of Gas (Firm General Small) | 65,032 | dk | \$4.3408 | 282,291 | \$4.3408 | 282,291 |
| Cost of Gas (Firm General Large) | 76,130 | dk | \$4.3408 | 330,465 | \$4.3408 | 330,465 |
| | <u>293,200</u> | | | <u>1,272,723</u> | | <u>1,272,723</u> |
| Residential | | | | \$890,868 | | \$972,457 |
| Firm General Small | | | | 350,817 | | 367,528 |
| Firm General Large | | | | 402,909 | | 413,355 |
| Total Revenue GPNG Firm Rate 65 | | | | <u>\$1,644,594</u> | | <u>\$1,753,340</u> |

Rate 65 Residential - Average Annual Increase:

| | |
|--------------------------|---------|
| Basic Service Charge: | \$49.25 |
| Distribution Charge: | (6.31) |
| Average Annual Increase: | \$42.94 |

Rate 65 Small Firm - Average Annual Increase:

| | |
|--------------------------|---------|
| Basic Service Charge: | \$49.25 |
| Distribution Charge: | 10.01 |
| Average Annual Increase: | \$59.26 |

Rate 65 Large Firm - Average Annual Increase:

| | |
|--------------------------|---------|
| Basic Service Charge: | \$49.25 |
| Distribution Charge: | 22.79 |
| Average Annual Increase: | \$72.04 |

Montana-Dakota Utilities Co.
Gas Utility - North Dakota
Rate Reconciliation
Interruptible Gas Service - GPNG Rate 71
Projected 2021

| Interruptible Service Rate 71 | Billing Units | Current | | Settlement | |
|--|---------------|----------|-------------|------------|-------------|
| | | Rate | Amount | Rate | Amount |
| Basic Service Charge | | | | | |
| Annual Dk < 100,000 | 17 Customers | \$3.50 | \$714 | \$180.00 | \$36,720 |
| Annual Dk > 100,000 | 2 Customers | \$3.50 | 84 | \$180.00 | 4,320 |
| | 19 | | 798 | | 41,040 |
| Distribution Delivery Charge | | | | | |
| Annual Dk < 100,000 | | | | | |
| First 400 Dk | 50,615 dk | \$1.0160 | 51,425 | | |
| Next 2,600 Dk | 118,783 dk | \$0.7675 | 91,166 | | |
| Over 3,000 Dk | 59,783 dk | \$0.6140 | 36,707 | | |
| | 229,181 | | 179,298 | \$0.661 | 151,489 |
| Annual Dk > 100,000 | | | | | |
| First 400 Dk | 11,538 dk | \$1.0160 | 11,723 | | |
| Next 2,600 Dk | 71,133 dk | \$0.7675 | 54,595 | | |
| Over 3,000 Dk | 480,359 dk | \$0.6140 | 294,940 | | |
| | 563,030 | | 361,258 | \$0.661 | 372,163 |
| Cost of Gas | | | | | |
| Annual Dk < 100,000 | 229,181 dk | \$3.3480 | 767,298 | \$3.3480 | 767,298 |
| Annual Dk > 100,000 | 563,030 dk | \$3.3480 | 1,885,024 | \$3.3480 | 1,885,024 |
| | 792,211 dk | | 2,652,322 | | 2,652,322 |
| Annual Dk < 100,000 | | | \$947,310 | | \$955,507 |
| Annual Dk > 100,000 | | | 2,246,366 | | \$2,261,507 |
| Total Revenue - GPNG Interruptible Rate 71 | | | \$3,193,676 | | \$3,217,014 |

Rate 71 Small - Average Annual Increase:

| | |
|--------------------------|------------|
| Basic Service Charge: | \$2,118.00 |
| Distribution Charge: | (1,635.82) |
| Average Annual Increase: | \$482.18 |

Rate 71 Large - Average Annual Increase:

| | |
|--------------------------|------------|
| Basic Service Charge: | \$2,118.00 |
| Distribution Charge: | 5,452.50 |
| Average Annual Increase: | \$7,570.50 |