

## Allocation of Credits:

Demand Credit - Allocated by Firm Class sales only
Commodity Credit - Allocated by Total Annual Sale by class

|  | Actual Calendar Sales (DT) - Pg. 4 |  |  |
| :--- | ---: | ---: | ---: |
|  | $7 / 2020-6 / 2021$ | Demand | Commodity |
| Residential | $70,520,782$ | $62.6 \%$ | $55.9 \%$ |
| Com A | $2,141,415$ | $1.9 \%$ | $1.7 \%$ |
| Com/Ind B | $5,600,090$ | $5.0 \%$ | $4.4 \%$ |
| Com/Ind C | $33,386,053$ | $29.6 \%$ | $26.5 \%$ |
| LGS | $1,038,100$ | $0.9 \%$ | $0.8 \%$ |
| SVF | $112,686,439$ | $99.1 \%$ |  |
| SVDF | $6,511,655$ |  | $5.2 \%$ |
| LVDF | $6,864,117$ |  | $5.4 \%$ |
|  | $126,062,210$ |  | $100.0 \%$ |

## Allocation of Other Credits

|  | Damages | Balancing Revenue | Curtailment | CIAC Refund |
| :--- | ---: | ---: | ---: | ---: |
|  | (Commodity) | (Commodity) | (Demand) |  |
| Residential | $\$ 13,951$ | $\$ 338,845$ | $\$ 316,243$ | $\$ \mathbf{3 1 , 1 8 2 , 1 8 8}$ |
| Com A | $\$ 424$ | $\$ 10,289$ | $\$ 9,603$ | $\$ 946,870$ |
| Com/Ind B | $\$ 1,108$ | $\$ 26,908$ | $\$ 25,113$ | $\$ 2,476,193$ |
| Com/Ind C | $\$ 6,605$ | $\$ 160,417$ | $\$ 149,716$ | $\$ 14,762,317$ |
| LGS | $\$ 205$ | $\$ 4,988$ | $\$ 4,655$ | $\$ 459,017$ |
| Subtotal | $\$ 22,292$ | $\$ 541,447$ | $\$ 505,330$ | $\$ 49,826,585$ |
| SVDF | $\$ 1,288$ | $\$ 31,288$ | $\$ 0$ |  |
| LVDF | $\$ 1,358$ | $\$ 32,981$ | $\$ 0$ |  |
| Total | $\$ 24,938$ | $\$ 605,717$ | $\$ 505,330$ | $\$ 49,826,585$ |

Table 1 - AVERAGE REFUND - assumes average ten-month use

| Estimated Refund of CIAC | Residential | Commercial A | Com/Ind B | Com/Ind C | Large Firm |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 10 Month Usage (in DT) | 71,716,558 | 2,140,478 | 5,403,642 | 31,648,795 | 1,271,014 |
| Average Customers | 809,064 | 28,577 | 20,103 | 20,335 | 23 |
| CIAC Refund Rate (\$/DT) | \$ 0.4451 | \$ 0.4451 | \$ 0.4451 | \$ 0.4451 | \$ 0.3611 |
| Estimated Average Refund | \$39.46 | \$33.34 | \$119.65 | \$692.76 | \$19,957.25 |

Table 2 - AVERAGE MONTHLY SURCHARGE

| Estimated Surcharge for November | Residential | Commercial A | Com/Ind B | Com/Ind C | Large Firm* |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| November Usage in DT (Lg Firm MDQ) | $5,827,793$ | 111,349 | 320,537 | $2,212,962$ | 8,033 |
| Average Customers | 814,139 | 28,715 | 20,117 | 20,376 | 23 |
| Demand /thm-Financed CIAC Surcharge | $\$ 0.12914$ | $\$ 0.12914$ | $\$ 0.12914$ | $\$ 0.12914$ | $\$ 0.90409$ |
| Average Billed Demand | $\$ 9.24$ | $\$ 5.01$ | $\$ 20.58$ | $\$ 140.25$ | $\$ 3,157.63$ |


| Estimated Surcharge for November | Residential | Commercial $\mathbf{A}$ | Com/Ind B | Com/Ind C | Large Firm |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| November Usage | $5,827,793$ | 111,349 | 320,537 | $2,212,962$ | 8,033 |
| Average Customers | 814,139 | 28,715 | 20,117 | 20,376 | 23 |
| Demand with no CIAC Surcharge | $\$ 0.12326$ | $\$ 0.12326$ | $\$ 0.12326$ | $\$ 0.12326$ | $\$ 0.86295$ |
| Average Billed Demand | $\$ 8.82$ | $\$ 4.78$ | $\$ 19.64$ | $\$ 133.87$ | $\$ 3,013.95$ |
|  |  |  |  |  |  |
| Average Surcharge | $\$ 0.42$ | $\$ 0.23$ | $\$ 0.94$ | $\$ 6.38$ | $\$ 143.68$ |

Table 3 - AVERAGE ANNUAL DEMAND

| Estimated Surcharge | Residential | Commercial A | Com/Ind B | Com/Ind C | Large Firm |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| Annual Usage (in DT) | $76,812,546$ | $2,199,679$ | $5,609,063$ | $33,875,630$ | 96,396 |
| Average Customers | 809,201 | 28,593 | 20,104 | 20,340 | 20 |
| Demand with Financed CIAC Surcharge | $\$ 0.12914$ | $\$ 0.12914$ | $\$ 0.12914$ | $\$ 0.12914$ | $\$ 0.90409$ |
| Annual Demand Cost | $\$ 122.58$ | $\$ 99.35$ | $\$ 360.30$ | $\$ 2,150.82$ | $\$ 37,891.59$ |


| Estimated Surcharge | Residential | Commercial $\mathbf{A}$ | Com/Ind B | Com/Ind C | Large Firm |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $\mathbf{1 2}$ month Usage | $76,812,546$ | $2,199,679$ | $5,609,063$ | $33,875,630$ | 96,396 |  |  |
| Average Customers | 809,201 |  | 28,593 | 20,104 | 20,340 |  |  |
| Demand with no CIAC Surcharge | $\$$ | 0.12326 | $\$$ | 0.12326 | $\$$ | 0.12326 | $\$$ |
| Annual Demand Cost | $\$ 117.00$ | 0.12326 | $\$$ | 0.86295 |  |  |  |
|  |  | $\$ 94.83$ | $\$ 343.89$ | $\$ 2,052.89$ | $\$ 36,167.36$ |  |  |
| Difference per year: | $\$ 5.58$ | $\$ 4.52$ | $\$ 16.41$ | $\$ 97.93$ | $\$ 1,724.23$ |  |  |

CenterPoint Energy Minnesota Gas
Estimated COG Bill Impact - All Firm Classes

Docket No. G-008/M-50-565
PUC IR 001 - EXHIBIT 4


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True-Up Period

| Commercial - B |
| :--- |
| Average Therm-per-Customer |
|  |
| Status Quo |
| Demand |
| Commodity |
| True-Up Factor |
| Cost of Gas |
| Change: Alternate |
| Demand |
| Commodity |
| True-Up Factor |
| Cost of Gas |


| Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 Total |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 39 | 63 | 159 | 364 | 574 | 543 | 458 | 283 | 145 | 74 | 55 | 32 |
|  |  |  |  |  |  |  |  |  |  |  |  |

Industrial - B

| Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 Total |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 84 | 309 | 482 | 649 | 863 | 708 | 611 | 320 | 189 | 125 | 55 | 44 | 4,439 |  |
| \$9.56 | \$35.07 | \$59.44 | \$80.00 | \$106.42 | \$87.26 | \$75.34 | \$39.46 | \$23.30 | \$15.38 | \$6.74 | \$5.41 | \$543.38 |  |
| \$36.05 | \$132.25 | \$206.71 | \$278.22 | \$370.13 | \$303.47 | \$262.02 | \$137.22 | \$81.02 | \$53.50 | \$23.45 | \$18.82 | \$1,902.86 |  |
| \$5.81 | \$21.32 | \$33.32 | \$44.85 | \$59.66 | \$48.92 | \$42.23 | \$22.12 | \$13.06 | \$8.62 | \$3.78 | \$3.03 | \$306.72 |  |
| \$51.42 | \$188.64 | \$299.47 | \$403.07 | \$536.21 | \$439.65 | \$379.59 | \$198.80 | \$117.38 | \$77.50 | \$33.97 | \$27.26 | \$2,752.96 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  | Difference |
| \$9.56 | \$35.07 | \$62.27 | \$83.81 | \$111.50 | \$91.42 | \$78.93 | \$41.34 | \$24.41 | \$16.12 | \$7.06 | \$5.67 | \$567.16 | \$23.78 |
| \$36.05 | \$132.25 | \$206.71 | \$278.22 | \$370.13 | \$303.47 | \$262.02 | \$137.22 | \$81.02 | \$53.50 | \$23.45 | \$18.82 | \$1,902.86 | \$0.00 |
| \$5.81 | \$21.32 | \$11.86 | \$15.96 | \$21.23 | \$17.41 | \$15.03 | \$7.87 | \$4.65 | \$3.07 | \$1.34 | \$1.08 | \$126.63 | -\$180.09 |
| \$51.42 | \$188.64 | \$280.84 | \$377.99 | \$502.86 | \$412.30 | \$355.98 | \$186.43 | \$110.08 | \$72.69 | \$31.85 | \$25.57 | \$2,596.65 | -\$156.31 |

Commercial - C
Average Therm-per-Customer

| Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 Total |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 346 | 699 | 1,038 | 1,787 | 2,993 | 2,862 | 2,557 | 1,755 | 925 | 558 | 265 | 198 | 15,984 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\$ 39.32$ | $\$ 79.45$ | $\$ 127.99$ | $\$ 220.29$ | $\$ 368.94$ | $\$ 352.77$ | $\$ 315.15$ | $\$ 216.37$ | $\$ 114.06$ | $\$ 68.72$ | $\$ 32.70$ | $\$ 24.42$ | $\$ 1,960.18$ |
| $\$ 148.28$ | $\$ 299.61$ | $\$ 445.15$ | $\$ 766.15$ | $\$ 1,283.15$ | $\$ 1,226.91$ | $\$ 1,096.07$ | $\$ 752.52$ | $\$ 396.71$ | $\$ 238.99$ | $\$ 113.73$ | $\$ 84.92$ | $\$ 6,852.19$ |
| $\$ 23.90$ | $\$ 48.29$ | $\$ 71.75$ | $\$ 123.50$ | $\$ 206.83$ | $\$ 197.76$ | $\$ 176.67$ | $\$ 121.30$ | $\$ 63.95$ | $\$ 38.52$ | $\$ 18.33$ | $\$ 13.69$ | $\$ 1,104.49$ |
| $\$ 211.50$ | $\$ 427.35$ | $\$ 644.89$ | $\$ 1,109.94$ | $\$ 1,858.92$ | $\$ 1,777.44$ | $\$ 1,587.89$ | $\$ 1,090.19$ | $\$ 574.72$ | $\$ 346.23$ | $\$ 164.76$ | $\$ 123.03$ | $\$ 9,916.86$ |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| $\$ 39.32$ | $\$ 79.45$ | $\$ 134.10$ | $\$ 230.80$ | $\$ 386.54$ | $\$ 369.60$ | $\$ 330.19$ | $\$ 226.69$ | $\$ 119.51$ | $\$ 72.00$ | $\$ 34.26$ | $\$ 25.58$ | $\$ 2,048.04$ |
| $\$ 148.28$ | $\$ 299.61$ | $\$ 445.15$ | $\$ 766.15$ | $\$ 1,283.15$ | $\$ 1,226.91$ | $\$ 1,096.07$ | $\$ 752.52$ | $\$ 396.71$ | $\$ 238.99$ | $\$ 113.73$ | $\$ 84.92$ | $\$ 6,852.19$ |
| $\$ 23.90$ | $\$ 48.29$ | $\$ 25.53$ | $\$ 43.94$ | $\$ 73.60$ | $\$ 70.37$ | $\$ 62.87$ | $\$ 43.16$ | $\$ 22.75$ | $\$ 13.71$ | $\$ 6.52$ | $\$ 4.87$ | $\$ 439.51$ |
| $\$ 211.50$ | $\$ 427.35$ | $\$ 604.78$ | $\$ 1,040.89$ | $\$ 1,743.29$ | $\$ 1,666.88$ | $\$ 1,489.13$ | $\$ 1,022.37$ | $\$ 538.97$ | $\$ 324.70$ | $\$ 154.51$ | $\$ 115.37$ | $\$ 9,339.74$ |

CenterPoint Energy Minnesota Gas
Estimated COG Bill Impact - All Firm Classes

Docket No. G-008/M-50-565
PUC IR 001 - EXHIBIT 4


