

# Rosemount Energy Snapshot

Xcel Energy Bi-Annual Conservation and Renewable Program Participation Update: Q4 2019



SPIRIT OF PRIDE AND PROGRESS

Community Energy Action Plan Implementation began Q3 (summer) 2018.

| Energy Conservation Programs                              | Participation Counts |            |              |            |          | Electric kWh Savings |                  |                  |                  |          | Natural Gas Therm Savings |              |               |              |          |
|---|----------------------|------------|--------------|------------|----------|----------------------|------------------|------------------|------------------|----------|---------------------------|--------------|---------------|--------------|----------|
|   | Baseline - 2016      | 2017       | 2018         | 2019       |          | Baseline - 2016      | 2017             | 2018             | 2019             |          | Baseline - 2016           | 2017         | 2018          | 2019         |          |
| Residential Programs                                      | 786                  | 337        | 370          | 309        | -        | 127,814              | 127,261          | 132,838          | 120,229          | -        | 13,888                    | 7,553        | 10,035        | 3,467        | -        |
| Commercial and Industrial Programs                        | 47                   | 54         | 56           | 41         | -        | 4,233,355            | 1,576,877        | 2,531,413        | 1,464,582        | -        | -                         | -            | -             | -            | -        |
| <b>Total Energy Saved</b>                                 | <b>833</b>           | <b>391</b> | <b>426</b>   | <b>350</b> | <b>-</b> | <b>4,361,169</b>     | <b>1,704,138</b> | <b>2,664,251</b> | <b>1,584,811</b> | <b>-</b> | <b>13,888</b>             | <b>7,553</b> | <b>10,035</b> | <b>3,467</b> | <b>-</b> |
| <b>Greenhouse Gas Emission Savings, MTCO<sub>2e</sub></b> | <b>1,690</b>         | <b>675</b> | <b>1,026</b> | <b>564</b> | <b>-</b> | <b>1,616</b>         | <b>635</b>       | <b>973</b>       | <b>546</b>       | <b>-</b> | <b>74</b>                 | <b>40</b>    | <b>53</b>     | <b>18</b>    | <b>-</b> |

| Renewables  | Baseline - 2016 | 2017     | 2018       | 2019       |          | Baseline - 2016 | 2017     | 2018           | 2019           |          | Baseline - 2016 | 2017     | 2018     | 2019     |          |
|---|-----------------|----------|------------|------------|----------|-----------------|----------|----------------|----------------|----------|-----------------|----------|----------|----------|----------|
| Residential Renewables                                    | -               | -        | 258        | 325        | -        | -               | -        | 668,021        | 796,522        | -        | -               | -        | -        | -        | -        |
| Commercial and Industrial Renewables                      | -               | -        | 2          | 2          | -        | -               | -        | 13,200         | 13,200         | -        | -               | -        | -        | -        | -        |
| <b>Total Renewable Energy Subscribed</b>                  | <b>-</b>        | <b>-</b> | <b>260</b> | <b>327</b> | <b>-</b> | <b>-</b>        | <b>-</b> | <b>681,221</b> | <b>809,722</b> | <b>-</b> | <b>-</b>        | <b>-</b> | <b>-</b> | <b>-</b> | <b>-</b> |
| <b>Greenhouse Gas Emission Savings, MTCO<sub>2e</sub></b> | <b>-</b>        | <b>-</b> | <b>249</b> | <b>279</b> | <b>-</b> | <b>-</b>        | <b>-</b> | <b>249</b>     | <b>279</b>     | <b>-</b> | <b>-</b>        | <b>-</b> | <b>-</b> | <b>-</b> | <b>-</b> |

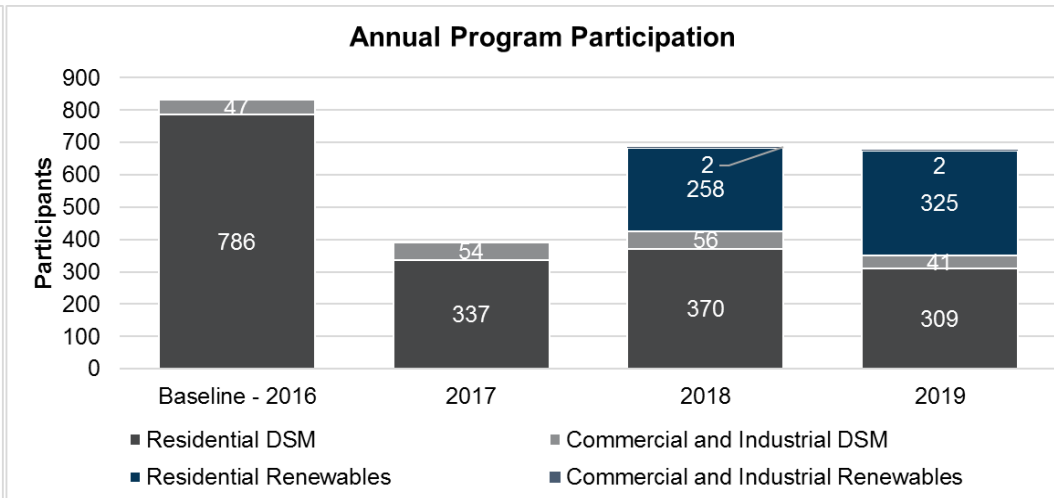
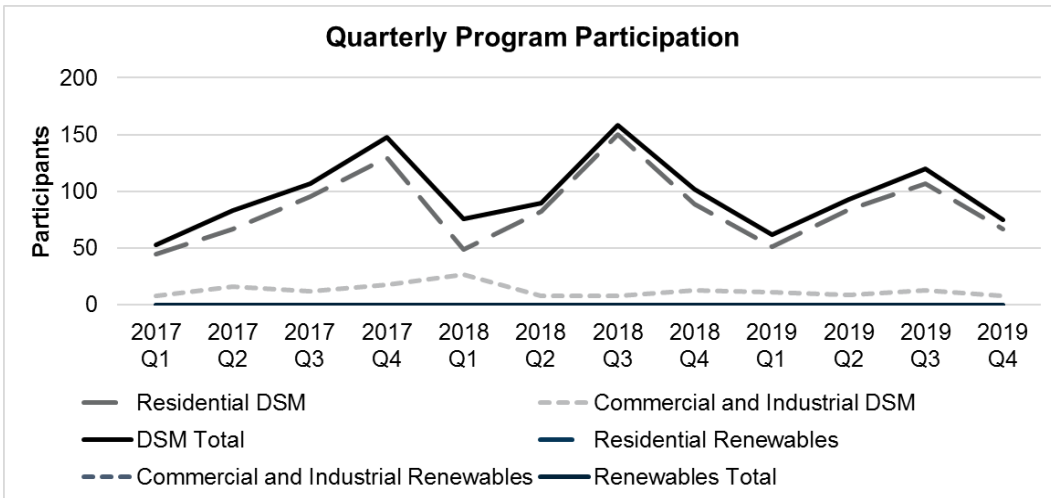
|  |              |            |              |            |          |                  |                  |                  |                  |          |               |              |               |              |          |
|--|--------------|------------|--------------|------------|----------|------------------|------------------|------------------|------------------|----------|---------------|--------------|---------------|--------------|----------|
| <b>Total (Energy Conservation + Renewable Energy)</b>  | <b>833</b>   | <b>391</b> | <b>686</b>   | <b>677</b> | <b>-</b> | <b>4,361,169</b> | <b>1,704,138</b> | <b>3,345,472</b> | <b>2,394,533</b> | <b>-</b> | <b>13,888</b> | <b>7,553</b> | <b>10,035</b> | <b>3,467</b> | <b>-</b> |
| <b>Total Greenhouse Gas Savings, MTCO<sub>2e</sub></b> | <b>1,690</b> | <b>675</b> | <b>1,275</b> | <b>843</b> | <b>-</b> | <b>1,616</b>     | <b>635</b>       | <b>1,222</b>     | <b>825</b>       | <b>-</b> | <b>74</b>     | <b>40</b>    | <b>53</b>     | <b>18</b>    | <b>-</b> |

| Community Energy Use   | 2019        | Q1          | Q2          | Q3          | Q4 | 2019    | Q1      | Q2      | Q3      | Q4 | 2019 | Q1 | Q2 | Q3 | Q4 |
|------------------------|-------------|-------------|-------------|-------------|----|---------|---------|---------|---------|----|------|----|----|----|----|
| Community Energy Use   | 207,051,025 | 151,565,975 | 157,032,799 | 149,769,987 | -  | 658,741 | 683,060 | 857,797 | 894,921 | -  |      |    |    |    |    |
| % change from baseline |             | -27%        | -24%        | -28%        | -  |         | 4%      | 30%     | 36%     | -  |      |    |    |    |    |

| Quarterly Summary - Current Year (2019)                | 2019 | Q1        | Q2        | Q3         | Q4        | 2,019 | Q1             | Q2            | Q3             | Q4             | 2019 | Q1         | Q2           | Q3         | Q4         |
|--|------|-----------|-----------|------------|-----------|-------|----------------|---------------|----------------|----------------|------|------------|--------------|------------|------------|
| Residential Energy Conservation Programs               |      | 51        | 84        | 107        | 67        |       | 21,471         | 29,564        | 41,912         | 27,282         |      | 832        | 1,331        | 692        | 612        |
| Commercial and Industrial Energy Conservation Programs |      | 11        | 9         | 13         | 8         |       | 603,418        | 49,236        | 610,132        | 201,796        |      | -          | -            | -          | -          |
| <b>Energy Conservation Program Totals by Quarter</b>   |      | <b>62</b> | <b>93</b> | <b>120</b> | <b>75</b> |       | <b>624,889</b> | <b>78,800</b> | <b>652,044</b> | <b>229,078</b> |      | <b>832</b> | <b>1,331</b> | <b>692</b> | <b>612</b> |



Data Note: Xcel Energy provides electric and natural gas service to Rosemount. Rosemount is also served by other utilities: Dakota Electric Association, Minnesota Energy Resources, and CenterPoint Energy. Participation counts reflect Xcel Energy programs only.



# Rosemount Energy Snapshot

Xcel Energy Bi-Annual Conservation and Renewable Program Participation Update: Q4 2019

## Conservation Program Details

|  | Participation Counts   |            |            |            | Electric kWh Savings   |                |                |                | Natural Gas Therm Savings |              |               |              |
|--|------------------------|------------|------------|------------|------------------------|----------------|----------------|----------------|---------------------------|--------------|---------------|--------------|
|  | <i>Baseline - 2016</i> | 2017       | 2018       | 2019       | <i>Baseline - 2016</i> | 2017           | 2018           | 2019           | <i>Baseline - 2016</i>    | 2017         | 2018          | 2019         |
| <b>Residential Program Participation</b> |                        |            |            |            |                        |                |                |                |                           |              |               |              |
| Residential Cooling                      | 82                     | 108        | 119        | 101        | 46,432                 | 37,966         | 33,690         | 30,954         | -                         | -            | -             | -            |
| Residential Heating                      | 55                     | 96         | 102        | 86         | 29,556                 | 59,155         | 56,452         | 49,329         | 2,558                     | 1,809        | 2,633         | 2,552        |
| Refrigerator Recycling                   | 18                     | 21         | 34         | 29         | 17,751                 | 18,717         | 23,373         | 20,555         | -                         | -            | -             | -            |
| Home Energy Audit                        | 3                      | 11         | 15         | 25         | -                      | -              | -              | -              | -                         | -            | -             | -            |
| Residential Saver's Switch               | 460                    | 39         | 29         | 24         | 3,688                  | 78             | 58             | 48             | -                         | -            | -             | -            |
| Smart Thermostat                         | 58                     | 36         | 31         | 23         | -                      | 89             | 461            | 2,142          | -                         | -            | -             | 140          |
| Home Energy Squad                        | 6                      | 5          | 6          | 8          | 13,791                 | 10,838         | 8,678          | 8,730          | 572                       | 139          | 216           | 299          |
| Home Energy Savings Program              | 4                      | 1          | 5          | 7          | 2,585                  | 418            | 1,811          | 2,927          | -                         | -            | -             | -            |
| Efficient New Home Construction          | 95                     | 17         | 20         | 2          | 14,011                 | -              | 3,143          | 3,195          | 10,608                    | 5,438        | 6,646         | 417          |
| Low-Income Home Energy Squad             | -                      | -          | 5          | 2          | -                      | -              | 5,172          | 2,349          | -                         | -            | -             | -            |
| Water Heater Rebate                      | 5                      | 3          | 3          | 2          | -                      | -              | -              | -              | 150                       | 167          | 73            | 59           |
| Insulation Rebate                        | -                      | -          | 1          | -          | -                      | -              | -              | -              | -                         | -            | 467           | -            |
| <b>Total Residential Programs</b>        | <b>786</b>             | <b>337</b> | <b>370</b> | <b>309</b> | <b>127,814</b>         | <b>127,261</b> | <b>132,838</b> | <b>120,229</b> | <b>13,888</b>             | <b>7,553</b> | <b>10,035</b> | <b>3,467</b> |
| % Change from Baseline                   |                        | -57%       | -53%       | -61%       |                        | 0%             | 4%             | -6%            |                           | -46%         | -28%          | -75%         |

|                                       | Participation Counts   |           |           |           | Electric kWh Savings   |                  |                  |                  | Natural Gas Therm Savings |          |          |          |
|---------------------------------------|------------------------|-----------|-----------|-----------|------------------------|------------------|------------------|------------------|---------------------------|----------|----------|----------|
|                                       | <i>Baseline - 2016</i> | 2017      | 2018      | 2019      | <i>Baseline - 2016</i> | 2017             | 2018             | 2019             | <i>Baseline - 2016</i>    | 2017     | 2018     | 2019     |
| <b>Business Program Participation</b> |                        |           |           |           |                        |                  |                  |                  |                           |          |          |          |
| Small Business Lighting               | 7                      | 18        | 22        | 14        | 184,508                | 600,609          | 505,878          | 805,957          | -                         | -        | -        | -        |
| Lighting Efficiency                   | 9                      | 14        | 15        | 8         | 898,715                | 702,864          | 1,243,847        | 99,642           | -                         | -        | -        | -        |
| Commercial Refrigeration Efficiency   | -                      | -         | -         | 6         | -                      | -                | -                | 1,139            | -                         | -        | -        | -        |
| Saver's Switch For Business           | 11                     | 5         | 2         | 4         | 156                    | 285              | 21               | 22               | -                         | -        | -        | -        |
| Custom Efficiency                     | 1                      | 1         | 3         | 3         | 1,641,247              | 145,045          | 409,292          | 413,985          | -                         | -        | -        | -        |
| Motor Efficiency                      | 4                      | 1         | 2         | 3         | 709,919                | 22,157           | 305,195          | 11,333           | -                         | -        | -        | -        |
| Cooling                               | 3                      | 3         | 3         | 2         | 1,282                  | 7,738            | 2,275            | 132,203          | -                         | -        | -        | -        |
| Electric Rate Savings                 | 5                      | 9         | 5         | 1         | (20,922)               | 34,232           | 13,505           | 301              | -                         | -        | -        | -        |
| Energy Efficient Buildings            | -                      | -         | 2         | -         | -                      | -                | 42,120           | -                | -                         | -        | -        | -        |
| Heating Efficiency                    | -                      | -         | 2         | -         | -                      | -                | 9,280            | -                | -                         | -        | -        | -        |
| Fluid System Optimization             | 3                      | 3         | -         | -         | 354,447                | 63,947           | -                | -                | -                         | -        | -        | -        |
| Efficiency Controls                   | 1                      | -         | -         | -         | 6,525                  | -                | -                | -                | -                         | -        | -        | -        |
| Energy Design Assistance              | 1                      | -         | -         | -         | 457,478                | -                | -                | -                | -                         | -        | -        | -        |
| Recommissioning                       | 1                      | -         | -         | -         | -                      | -                | -                | -                | -                         | -        | -        | -        |
| Turn Key Services                     | 1                      | -         | -         | -         | -                      | -                | -                | -                | -                         | -        | -        | -        |
| <b>Total Business Programs</b>        | <b>47</b>              | <b>54</b> | <b>56</b> | <b>41</b> | <b>4,233,355</b>       | <b>1,576,877</b> | <b>2,531,413</b> | <b>1,464,582</b> | <b>-</b>                  | <b>-</b> | <b>-</b> | <b>-</b> |
| % Change from Baseline                |                        | 15%       | 19%       | -13%      |                        | -63%             | -40%             | -65%             |                           | -        | -        | -        |

|                       |            |            |            |            |                  |                  |                  |                  |               |              |               |              |
|-----------------------|------------|------------|------------|------------|------------------|------------------|------------------|------------------|---------------|--------------|---------------|--------------|
| <b>Total Programs</b> | <b>833</b> | <b>391</b> | <b>426</b> | <b>350</b> | <b>4,361,169</b> | <b>1,704,138</b> | <b>2,664,251</b> | <b>1,584,811</b> | <b>13,888</b> | <b>7,553</b> | <b>10,035</b> | <b>3,467</b> |
|-----------------------|------------|------------|------------|------------|------------------|------------------|------------------|------------------|---------------|--------------|---------------|--------------|