

2022 Community Data Dashboard Xcel Energy Year-End Program Summary



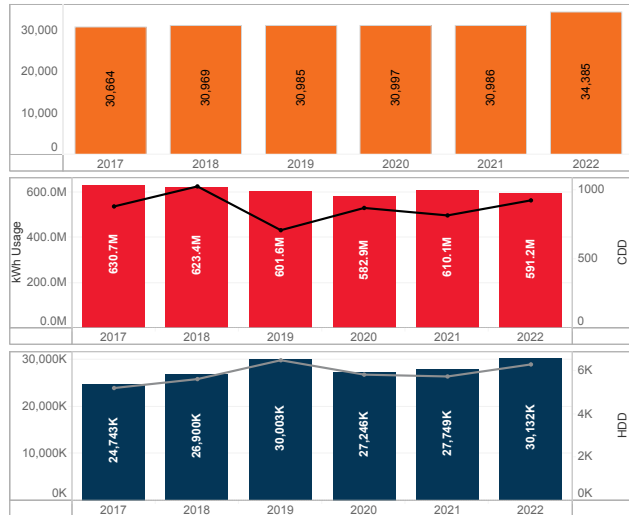
Broomfield strives to:

- Reduce community greenhouse gas emissions 90% by 2050
- Reduce municipal greenhouse gas emissions 100% by 2050

Baseline

2017

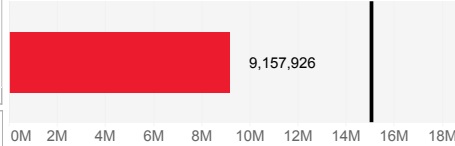
Utility Consumption & Premise Trends



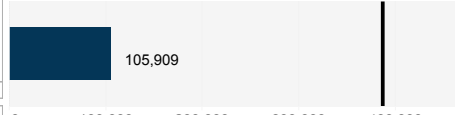
Energy Action Plan Impact

Period: June 1, 2022 to December 31, 2023

Cumulative kWh Savings



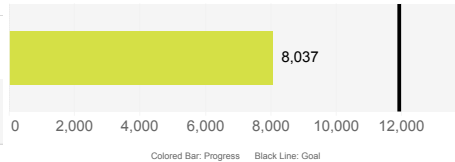
Cumulative Therm Savings



Cumulative DSM Participation



Cumulative GHG Emissions Avoided (MTCO2e)



Colored Bar: Progress Black Line: Goal

Annual Program Trends

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------------------------------|-----------|-----------|-----------|------------|------------|------------|
| DSM kWh Savings | 5,848,152 | 6,427,412 | 8,449,565 | 5,419,792 | 4,741,987 | 9,910,699 |
| DSM Therm Savings | 66,604 | 67,655 | 78,852 | 76,941 | 78,862 | 146,374 |
| DSM Participation Count | 1,371 | 1,164 | 1,213 | 1,115 | 1,484 | 1,979 |
| Total Renewable Energy Participation | 1,102 | 1,304 | 1,710 | 1,761 | 2,107 | 2,457 |
| Total Renewable Energy kWh | 3,420,242 | 3,767,314 | 7,949,189 | 10,296,267 | 10,628,815 | 12,593,183 |
| Total DSM & RE GHG Savings | 5,830 | 5,958 | 8,756 | 7,891 | 7,662 | 10,230 |

Annual % Change

| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|---------------------------|------|------|------|------|------|------|
| % Change in Premise Count | | 1% | 0% | 0% | 0% | 11% |
| % Change in kWh Usage | | -1% | -4% | -3% | 5% | -3% |
| % Change in Therm Usage | | 9% | 12% | -9% | 2% | 9% |

Partners in Energy is a collaboration of the Community and Xcel Energy.
GHG emission estimates reflect the most accurate and current information available, but the data may change slightly after third-party verification.

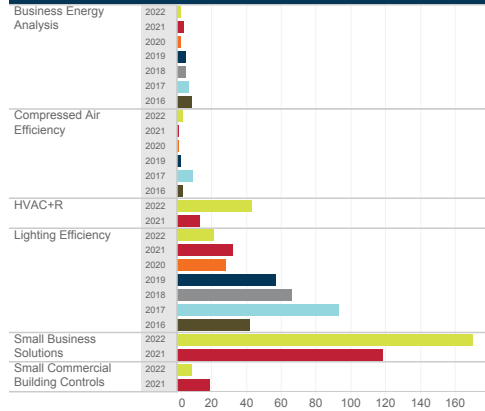
Participation counts for rebate programs reflect Xcel Energy offerings only.
The community's geographic boundary has been updated, impacting 2022 and future year data.
Xcel Energy provides electricity & natural gas to the community.



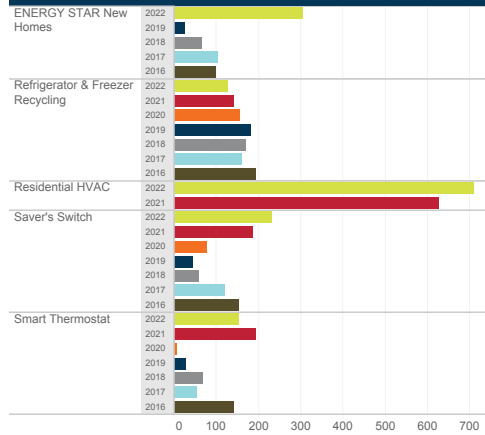
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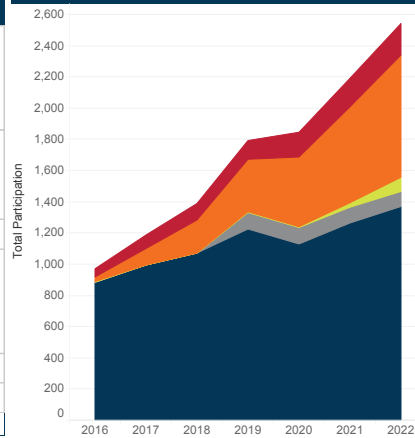
Top Energy Efficiency Programs - C&I & Municipal Participation



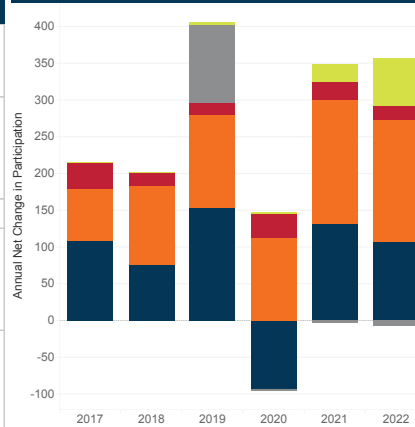
Top Energy Efficiency Programs - Residential Participation



Total Renewable Participation



Annual Net Change Renewables Participation



Implementation Metrics

Energy Efficiency Program Participation

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|-------------------------|-------|-------|------|-------|------|-------|-------|
| Commercial & Industrial | 206 | 287 | 171 | 154 | 141 | 184 | 251 |
| Municipal | 6 | 10 | 14 | 12 | 18 | 13 | 4 |
| Residential | 1,033 | 1,074 | 979 | 1,047 | 956 | 1,287 | 1,724 |

Renewable Program Participation

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|-------------------------|------|-------|-------|-------|-------|-------|-------|
| Commercial & Industrial | 9 | 11 | 12 | 18 | 21 | 27 | 28 |
| Municipal | 0 | 0 | 0 | 32 | 35 | 30 | 29 |
| Residential | 961 | 1,174 | 1,375 | 1,743 | 1,788 | 2,135 | 2,484 |

Total Renewable Program kWh

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|-------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Commercial & Industrial | 540,711 | 532,100 | 545,944 | 3,295,118 | 4,523,597 | 4,368,332 | 4,878,386 |
| Municipal | 0 | 0 | 0 | 1,070,238 | 1,305,561 | 1,198,735 | 1,294,443 |
| Residential | 2,531,876 | 2,888,142 | 3,221,370 | 3,583,833 | 4,467,109 | 5,061,748 | 6,420,354 |

Total Renewable Program Participation

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|--|------|------|-------|-------|-------|-------|-------|
| Non-Solar*Rewards Net Metering Participation | 31 | 103 | 211 | 336 | 448 | 616 | 783 |
| Renewable*Connect Participation | 0 | 0 | 0 | 107 | 105 | 102 | 95 |
| Solar*Rewards Community Participation | 1 | 1 | 1 | 4 | 6 | 30 | 94 |
| Solar*Rewards Participation | 52 | 87 | 105 | 122 | 155 | 180 | 199 |
| Windsor Participation | 886 | 994 | 1,070 | 1,224 | 1,130 | 1,262 | 1,369 |

Historical Windsor participation data based on Community Energy Reports for 2016-2019. ...

Program Name
 ■ Solar*Rewards Participation
 ■ Non-Solar*Rewards Net Metering Participation
 ■ Solar*Rewards Community Participation
 ■ Renewable*Connect Participation
 ■ Windsor Participation



2022 Community Data Dashboard Xcel Energy Year-End Program Summary



Energy Efficiency Participation

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Commercial & Industrial | | | | | | | |
| Business Demand Rate Programs | 8 | 7 | 4 | 5 | 2 | 4 | 2 |
| Business Energy Analysis | 22 | 10 | 3 | 6 | 5 | | |
| Commercial Refrigeration Efficiency | 3 | 9 | | 2 | 1 | 1 | 2 |
| Compressed Air Efficiency | | 6 | | | | | |
| Computer Efficiency | 26 | 39 | 15 | 12 | 21 | 5 | |
| Cooling | | | | 1 | 2 | | 1 |
| Custom Efficiency | 1 | | 1 | | 3 | 2 | 1 |
| Energy Design Assistance | 3 | 2 | 1 | 2 | 5 | 1 | 2 |
| Energy Efficient Buildings | | 3 | | 4 | | | |
| Energy Management Systems | | | | | | 13 | 43 |
| HVAC+R | 3 | 5 | | 1 | 1 | | |
| Heating Efficiency | | | | | | 1 | |
| InfoWise | | | | | | | |
| Lighting - Small Business | 93 | 107 | 88 | 65 | 80 | | |
| Lighting Efficiency | 41 | 92 | 57 | 51 | 18 | 26 | 21 |
| Motor & Drive Efficiency | 5 | 5 | 2 | 4 | 1 | | |
| Non-Profit | | | | | | 1 | 1 |
| Recommissioning | 1 | 2 | | 1 | | | |
| Self Direct | | | | | | | |
| Small Business Solutions | | | | | | 111 | 168 |
| Small Commercial Building Controls | | | | | | 19 | 8 |
| Strategic Energy Management | | | | | | | 1 |
| Municipal | | | 1 | | | | |
| Business Energy Analysis | | | | | | | 1 |
| Compressed Air Efficiency | | | | | | | |
| Cooling | | 3 | 3 | 3 | 2 | | |
| EV Fleet & Workplace | | | | | | | 1 |
| Energy Management Systems | 1 | | | | | | |
| Lighting - Small Business | 4 | 6 | 1 | 3 | 6 | | |
| Lighting Efficiency | 1 | 1 | 9 | 6 | 10 | 6 | 2 |
| Small Business Solutions | | | | | | 7 | |
| Residential | | | | | | | |
| ENERGY STAR New Homes | 98 | 103 | 66 | 24 | | | 305 |
| EV Purchase and Lease Rebate | | | | | | | 1 |
| Electric Vehicle Optimization | | | | | | | 5 |
| Energy Savings Kits | 38 | 52 | 30 | 74 | 27 | 18 | 6 |
| Evaporative Cooling | 34 | 42 | 51 | 61 | 59 | | |
| High Efficiency Air Conditioning | 116 | 154 | 189 | 186 | 209 | | |
| Home Energy Audit | 33 | 45 | 36 | 34 | 30 | 40 | 51 |
| Home Energy Squad | 1 | 20 | 18 | 19 | 38 | 31 | 53 |
| Home Performance with ENERGY STAR | 8 | 11 | 8 | 4 | 6 | | |
| Home Wiring Rebate | | | | | | | 14 |
| HomeSmart | | | | | | 3 | 22 |
| Income Qualified EV Charger and Wiring Rebate | | | | | | | 1 |
| Insulation & Air Sealing | 11 | 22 | 14 | 14 | 23 | 29 | 38 |
| Multifamily Buildings | | 9 | 4 | 9 | 6 | 2 | 6 |
| Multifamily Weatherization | 2 | 1 | | | | | |
| Refrigerator & Freezer Recycling | 193 | 159 | 171 | 182 | 155 | 140 | 127 |
| Residential HVAC | | | | | | 626 | 708 |
| Residential Heating | 159 | 196 | 214 | 215 | 167 | 1 | |
| Saver's Switch | 153 | 121 | 58 | 45 | 76 | 186 | 231 |
| Single-Family Weatherization | 16 | 55 | 4 | 6 | 12 | 18 | 4 |
| Smart Thermostat | 141 | 54 | 68 | 27 | 5 | 193 | 152 |
| Thermostat Optimization | | | | 17 | 128 | 112 | |
| Water Heating | 30 | 30 | 31 | 19 | 31 | | |
| Grand Total | 1,245 | 1,371 | 1,164 | 1,213 | 1,115 | 1,484 | 1,979 |

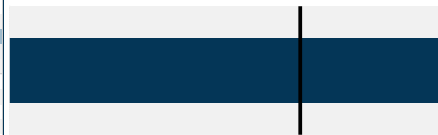
Xcel Energy filed a new DSM plan in 2021 resulting..

Implementation Progress

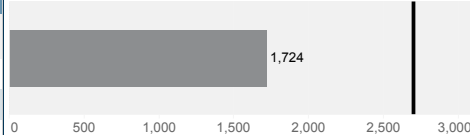
Residential Renewable Energy Subscription Rate



Residential Net-Metered Rooftop Solar Penetration Rate



Targeted annual residential energy efficiency participation



Colored Bar: Progress Black Line: Goal

Implementation Highlights

Implementation began in May of 2022 for the City & County of Broomfield

Residential Outreach Activities

- Developed a monthly outreach campaign utilizing CCOB social media and newsletter channels
- Tabled at the BrewHaHa event in June 2022 and Broomfield Days in September 2022 and promoted energy efficiency tips, rebates, and free Home Energy Squad visits and specialty LED light bulbs for residents
- Began development of an outreach campaign in collaboration with Broomfield FISH to provide free energy saving and energy assistance programs for lower income residents in Broomfield with materials in both English and Spanish
- Provided 200 specialty LED kits to Broomfield for distribution at events

Implementation Activities

LED Kits Delivered

200

