

# 2023 Community Data Dashboard

## Xcel Energy Year-End Program Summary



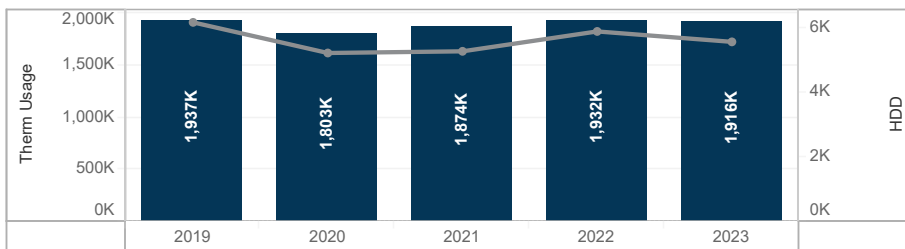
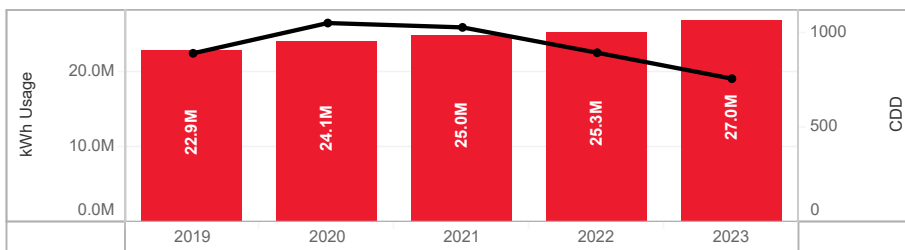
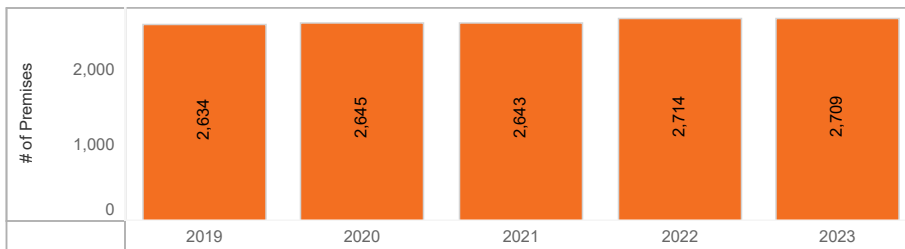
### Edgewater strives to:

- Achieve annual energy savings equivalent to 3% or greater of its annual energy use
- Increase residential & commercial participation in energy efficiency and renewable energy programs
- Increase use of renewable energy from 28% to 40% by 2025, 70% by 2030, and 100% by 2035
- Reduce energy-related greenhouse gas emissions by 700 MT CO2e by 2022
- Save residents and businesses more than \$54,000 in energy costs by 2022

### Baseline

2019

### Utility Consumption & Premise Trends



	2019	2020	2021	2022	2023
Cooling Degree Days (CDD)	893	1,053	1,030	896	759
Heating Degree Days (HDD)	6,199	5,247	5,299	5,917	5,593

### Annual Program Trends

	2019	2020	2021	2022	2023
DSM kWh Savings	166,469	240,243	1,676,313	175,806	28,043
DSM Therm Savings	26,107	5,308	12,158	3,908	4,011
DSM Participation Count	97	83	111	131	128
Total Renewable Energy Participation	119	151	178	205	207
Total Renewable Energy kWh Savings	276,212	336,074	386,079	491,969	538,891
Total DSM & RE GHG Savings	358	298	1,029	272	176

### Annual % Change

	2019	2020	2021	2022	2023
% Change in Premise Count		0%	0%	3%	0%
% Change in kWh Usage		5%	4%	1%	7%
% Change in Therm Usage		-7%	4%	3%	-1%

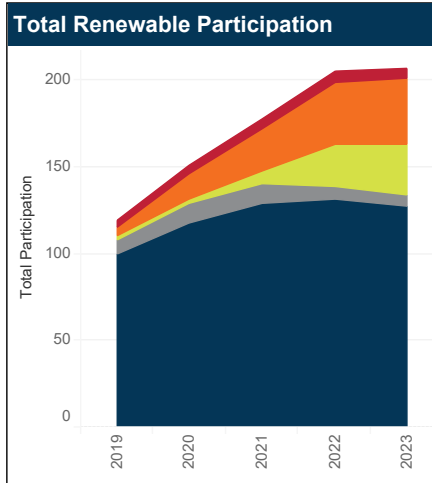
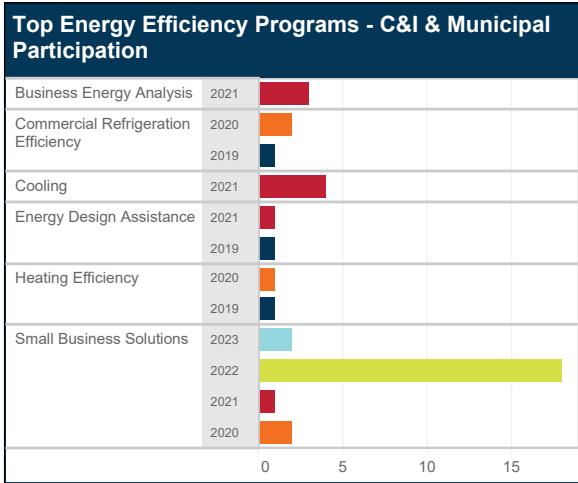
Partners in Energy is a collaboration of the Community and Xcel Energy. GHG emission estimates reflect the most accurate and current information available, but the data may change slightly after third-party verification.

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.



Line: CDD/HDD totals; Colored Bar: Total Consumption & Premises  
Balance Temp: 65F; Source: www.weatherdatadepot.com and NOAA.gov

# 2023 Community Data Dashboard Xcel Energy Year-End Program Summary



### Implementation Metrics

#### Energy Efficiency Program Participation

	2019	2020	2021	2022	2023
Commercial & Industrial	3	7	12	24	2
Municipal	1	0	0	0	0
Residential	93	76	99	107	126

#### Renewable Program Participation

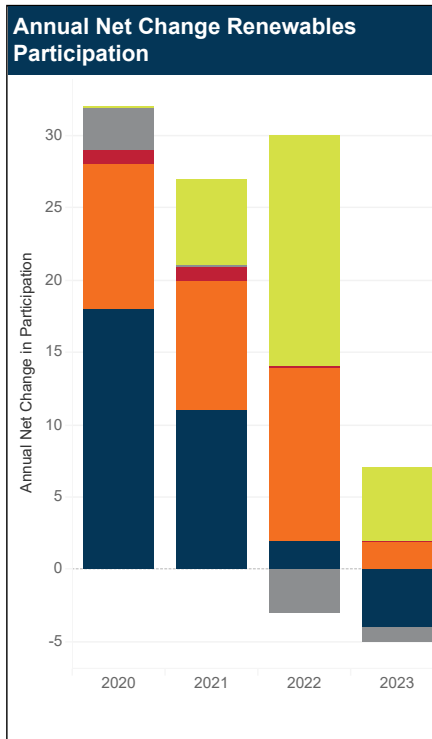
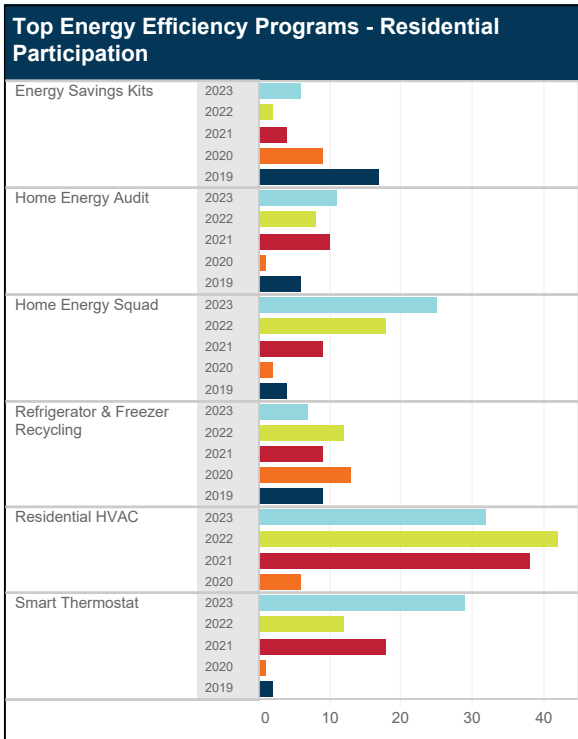
	2019	2020	2021	2022	2023
Commercial & Industrial	2	2	3	3	3
Municipal	0	0	0	0	0
Residential	117	149	175	202	204

#### Total Renewable Program kWh

	2019	2020	2021	2022	2023
Commercial & Industrial	0	37,492	38,939	39,477	22,717
Municipal	0	0	0	0	0
Residential	10,654	298,582	347,140	452,492	516,175

#### Total Renewable Program Participation

	2019	2020	2021	2022	2023
Solar*Rewards	4	5	6	6	6
Non-Solar*Rewards Net Metering	5	15	24	36	38
Solar*Rewards Community	2	2	8	24	29
Windsor & Renewable*Connect Flex	100	118	129	131	127
Renewable*Connect	8	11	11	8	7



Historical Windsor program data based on Community Energy Reports for 2016-2019.  
Historical Renewable Connect program data based on Community Energy Reports for 2019.

- Solar\*Rewards Community
- Renewable\*Connect
- Solar\*Rewards
- Non-Solar\*Rewards
- Windsource & Renewable\*Connect Flex



# 2023 Community Data Dashboard

## Xcel Energy Year-End Program Summary



### Energy Efficiency Programs Participation and Savings

		DSM Participation Count					DSM Therm Savings					DSM kWh Savings				
		2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023
Commercial	Lighting Efficiency	1	2	2	3		0	0	0	0		616	22,584	184,005	115,853	
	Heating Efficiency	1	1				19,683	807				0	0			
	Energy Design Assistance	1		1			2,934		8,600			108,053		1,444,878		
	Commercial Refrigeration Efficiency	1	2				0	0				11,865	154,032			
	Small Commercial Building Controls				1					0					30	
	Small Business Solutions		2	1	18	2		0	0	108	0		1,487	630	27,537	3,686
	HVAC+R			1	2				0	0				2,028	3,772	
	Cooling			4					0					1,970		
	Business Energy Analysis			3					0					0		
Residential	Thermostat Optimization	24	5				1,128	240				3,923	835			
	Energy Savings Kits	17	9	4	2	6	238	56	49	49	101	6,473	1,264	1,195	607	2,465
	Evaporative Cooling	10	11				0	0				16,030	17,237			
	Refrigerator & Freezer Recycling	9	13	9	12	7	0	0	0	0	0	8,178	11,570	6,983	12,008	6,238
	High Efficiency Air Conditioning	7					241					3,009				
	Home Energy Audit	6	1	10	8	11	0	0	0	0	0	0	0	0	0	0
	Residential Heating	5	8				497	1,091				3,936	2,185			
	Saver's Switch	4	3	6	5	5	0	0	0	0	0	16	12	24	20	35
	Home Energy Squad	4	2	9	18	25	314	30	315	268	482	3,725	737	3,905	7,318	7,287
	Water Heating	2	2				201	171				0	0			
	Smart Thermostat	2	1	18	12	29	0	0	0	0	0	8	4	76	52	116
	Single-Family Weatherization	2	5		2	3	400	253		399	308	637	645		369	1,427
	Insulation & Air Sealing	1	7	5	5	2	471	2,045	1,300	869	428	0	1,482	1,167	868	147
	Residential HVAC		6	38	42	32		391	1,894	2,215	2,692		3,657	29,452	7,372	6,642
	Multifamily Weatherization		1					0					22,512			
	Multifamily Buildings					1					0					0
	Income Qualified EV Charger and Wiring Rebate					1					0					0
	HomeSmart				1					0					0	
	Home Wiring Rebate					3					0					0
Home Performance with ENERGY STAR		2					224					0				
EV Purchase and Lease Rebate					1					0					0	
<b>Grand Total</b>		<b>97</b>	<b>83</b>	<b>111</b>	<b>131</b>	<b>128</b>	<b>26,107</b>	<b>5,308</b>	<b>12,158</b>	<b>3,908</b>	<b>4,011</b>	<b>166,469</b>	<b>240,243</b>	<b>1,676,313</b>	<b>175,806</b>	<b>28,043</b>

Xcel Energy filed a new DSM plan in 2021 resulting in some programs being reorganized and renamed.



# ENERGY DATA GLOSSARY



## Definitions

**Demand Side Management (DSM):** Demand side management aims to encourage consumers to decrease energy consumption. Xcel Energy offers DSM programs, like efficiency rebates and energy assessments, to help consumers reduce and shift their energy consumption.

**Premise:** A unique identifier for the location of electricity or natural gas service. In most cases it is a facility location. There can be multiple premises per building, and multiple premises per individual customer.

**Heating Degree Days (HDD):** Heating degree days (HDDs) are a measure of how cold the temperature was on a given day or during a period of days and correlates to heating demand. For example, the more HDDs there are, the higher furnace use is likely to be. This is often seen through an increase in natural gas consumption.

**Cooling Degree Days (CDD):** Cooling degree days (CDDs) are a measure of how hot the temperature was on a given day or during a period of days and correlates to cooling demand. For example, the more CDDs there are, the higher air conditioner use is likely to be. This is often seen through an increase in electricity consumption.

## Units of Measure

**Greenhouse Gases (GHG):** Gases in the atmosphere that absorb and emit radiation and significantly contribute to climate change. The primary greenhouse gases in the earth's atmosphere are water vapor, carbon dioxide, methane, nitrous oxide, and ozone.

**Kilowatt-hour (kWh):** A unit of electricity consumption.

**Therm (thm):** A unit of natural gas consumption.

**Metric Tons of Carbon Dioxide Equivalent (MTCO<sub>2e</sub>):** A unit of measure for greenhouse gas emissions. The unit "CO<sub>2e</sub>" represents an amount of a greenhouse gas whose atmospheric impact has been standardized to that of one unit mass of carbon dioxide (CO<sub>2</sub>), based on the global warming potential (GWP) of the gas.

## Data Privacy

**15/15 Rule:** Xcel Energy applies the "15/15 rule" as an aggregation standard to the energy consumption data within this report. So long as a given aggregated value contains 15 or more customers and no single customer makes up 15 percent or more of the aggregated value, the value can be publicized in this report. If these conditions are not met, customer(s) will be removed from energy consumption data.

## Data Notes

The renewable energy subscription program participation metric changed in 2023 from a monthly average to a distinct annual customer participant count.

## Renewable Energy Programs

**Renewable\*Connect Flex (Formerly Windsource):** An Xcel Energy subscription program enabling customers to source their electricity from wind for an additional monthly cost. Annual participation is calculated as a count of unique customers in both programs.

**Solar\*Rewards Community:** A community solar garden subscription program where customers subscribe to a nearby, third-party community solar garden. Customers receive a credit for the energy produced by the portion of the solar garden represented by their subscription. Annual participation is calculated as a count of unique customers in the program.

**Renewable\*Connect:** An Xcel Energy subscription program enabling customers to source their electricity from solar and wind for an additional monthly cost. Annual participation is calculated as a count of unique customers in the program.

**Solar\*Rewards:** An incentivized Xcel Energy program for on-site solar installations. Excess energy generation is sold back to Xcel Energy.

**Net-Metering:** A non-incentivized Xcel Energy program for on-site solar installations. Excess energy generation is sold back to Xcel Energy.

## Popular Energy Efficiency Programs

**Home Energy Squad:** A residential energy assessment program from Xcel Energy that includes a home energy audit and installation of energy efficient materials.

**Residential HVAC:** A rebate program for residential customers who purchase high-efficiency heating and cooling equipment, including heat pumps, water heaters and more.

**HVAC+R:** A rebate program where businesses can earn rebates from Xcel Energy on high-efficiency heating, ventilation, air-conditioning, refrigeration, and more.

**Small Business Energy Solutions:** A free lighting and HVAC assessment program for small and medium-sized business customers.

**Lighting Efficiency:** Business customers can earn rebates from Xcel Energy for purchasing and installing LED lighting fixtures, bulbs, and control systems.

Check out the [Energy Terms 101](https://xcelenergycommunities.com/document/energy-terms-101-0) digital resource to learn more:  
<https://xcelenergycommunities.com/document/energy-terms-101-0>