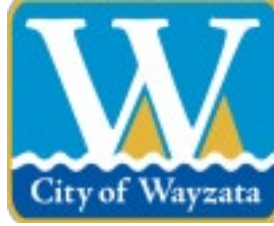


## **ENERGY AND ENVIRONMENT COMMITTEE**

**Tuesday, July 22, 2025 5:30 PM – 7:00 PM**

**Wayzata City Hall  
600 Rice Street East  
Wayzata, MN 55391**

1. Roll Call
2. Approve Agenda
3. Approve June 24, 2025 Meeting Minutes
4. Dark Sky Event Discussion
5. Partners in Energy Data Dashboard Review
6. [Natural Resources Partner Coalition](#) Participation
7. Next Meeting – Tuesday, August 26
8. Adjournment



**ENERGY AND ENVIRONMENT COMMITTEE**  
**Meeting Minutes**  
**Tuesday, June 24, 2025, 5:30 PM – 6:30 PM**

**1. Roll Call**

Committee Attendees: Chair Lauren Lindelof, KC Chermak, Meaghan Yorro, David Ferri, and David Kirkland.

Wayzata City Staff Member: Nick Kieser, Parks and Environment Planner.

**2. Approve Agenda**

Motion to approve agenda, first by Ferri, seconded by Chermak. Motion passed 4-0.

**3. Approve June 10, 2025 Meeting Minutes**

Motion to approve minutes, first by Chermak and seconded by Ferri. Motion passed 4-0.

**4. City Operations Resilience Plan Actions Discussion**

Staff provided an update that the City Operations Resilience Plan was approved by the City Council on June 10. Staff will work to close out the MPCA grant by June 30, as required. As part of the grant closeout process, a \$2,500 cash match is also required and will be funded through the Environment and Energy Committee's budget.

With the Resilience Plan now approved, the first priority is to establish a staff working group composed of 6–8 representatives from various City departments. Staff acknowledged that the formation of this group may take some time due to current staffing turnover.

The second priority is to initiate additional community engagement efforts. The Committee discussed the potential of incorporating questions related to resilience into the upcoming resident survey as a way to gather public input. Staff noted that further research is needed regarding the timing and format of the survey before proceeding.

**5. Arbor Month Event Recap**

The Committee reviewed the Arbor Month Event held at Depot Park on May 30. It was noted that the event was poorly attended, possibly due to the location, which may have been too removed from areas of high foot traffic.

To improve attendance at future events, the Committee discussed several strategies, including:

- Pairing the event with another popular activity, such as the annual tree giveaway
- Hosting it in a more visible location such as Panoway or the Great Lawn
- Offering more child-friendly activities to attract families
- Including a native plant sale
- Partnering with other organizations
- Increasing event signage and visibility
- Advertising in local media such as the Sun Sailor
- Expanding promotion through City communication channels
- Collaborating with other City events, such as Sunday Music in the Park

The next event is proposed to be a Dark Skies-themed event, and the Committee will keep these suggestions in mind during planning.

## **5. Next Meeting – Tuesday, July 22**

## **6. Adjournment**

Motion to adjourn, first by Lindelof, seconded by Ferri. Motion passed 5-0.

# 2024 Community Data Dashboard

## Xcel Energy Year-End Program Summary



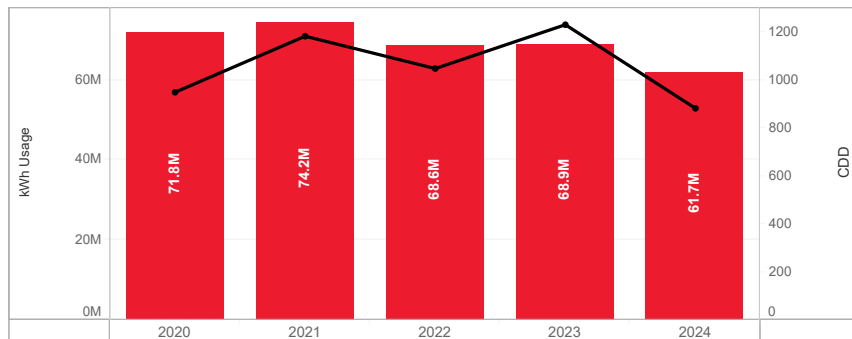
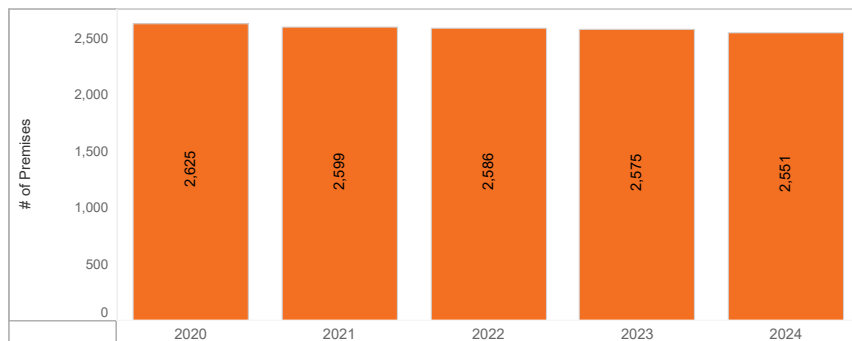
### Wayzata strives to:

- Add 5 new commercial and industrial participants and 100 new residential participants in renewable energy by 2022
- Increase community-wide energy savings 30% by 2025 -Increase community-wide energy savings by 50% by 2025 if the 30% savings has been achieved before 2025
- Increase energy savings 30% by 2025, resulting in \$293,000 combined savings for residential, multi-family, and public and private buildings
- Increase energy savings by 50% by 2025 if 30% savings has been achieved before 2025, which would result in an estimated \$386,000 saved

### Baseline

2019

### Utility Consumption & Premise Trends



Year	2020	2021	2022	2023	2024
Cooling Degree Days (CDD)	950	1,184	1,049	1,232	883

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

### Annual Program Trends

	2020	2021	2022	2023	2024
DSM kWh Savings	678,047	430,837	671,232	365,315	496,338
DSM Participation Count	164	147	135	221	119
Total Renewable Energy Participation	127	145	134	124	113
Total Renewable Energy kWh Savings	1,074,552	1,103,500	1,081,408	1,013,554	971,810
Total DSM & RE GHG Savings, MT CO2e	322	280	337	231	226

### Annual % Change

	2021	2022	2023	2024
% Change in Premise Count	-1%	-1%	0%	-1%
% Change in kWh Usage	3%	-8%	0%	-10%

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. Xcel Energy provides electricity to the community.



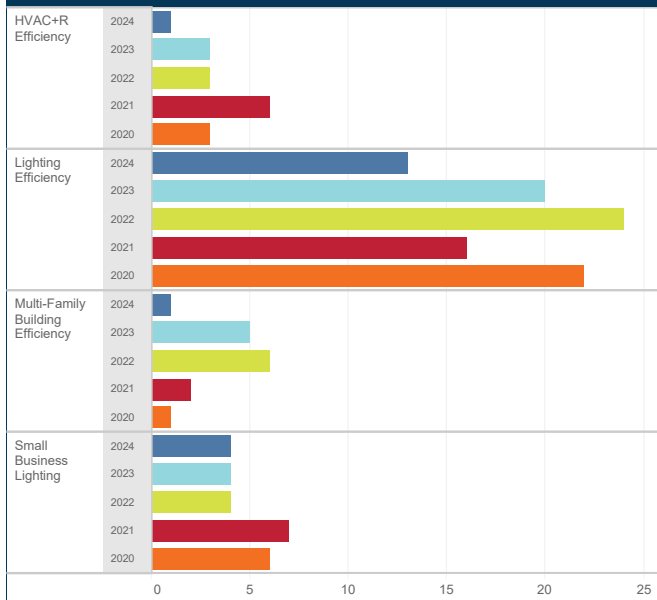
**PARTNERS IN ENERGY**  
An Xcel Energy Community Collaboration

# 2024 Community Data Dashboard

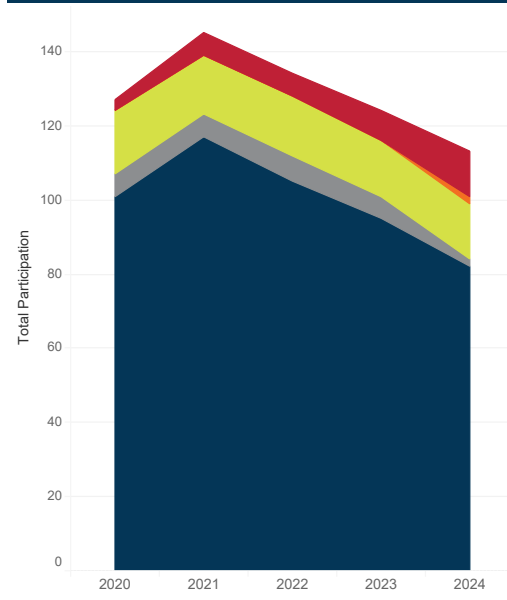
## Xcel Energy Year-End Program Summary



### Top Energy Efficiency Programs - C&I & Municipal Participation



### Total Renewable Participation



### Implementation Metrics

#### Energy Efficiency Program Participation

	2020	2021	2022	2023	2024
Commercial & Industrial	37	32	38	31	21
Municipal	0	3	10	2	5
Residential	127	112	87	188	93

#### Renewable Program Participation\*

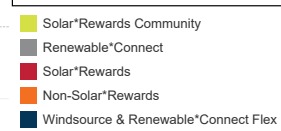
	2020	2021	2022	2023	2024
Commercial & Industrial	0	2	2	2	4
Municipal	0	0	0	0	2
Residential	127	143	132	122	107

#### Total Renewable Program kWh\*

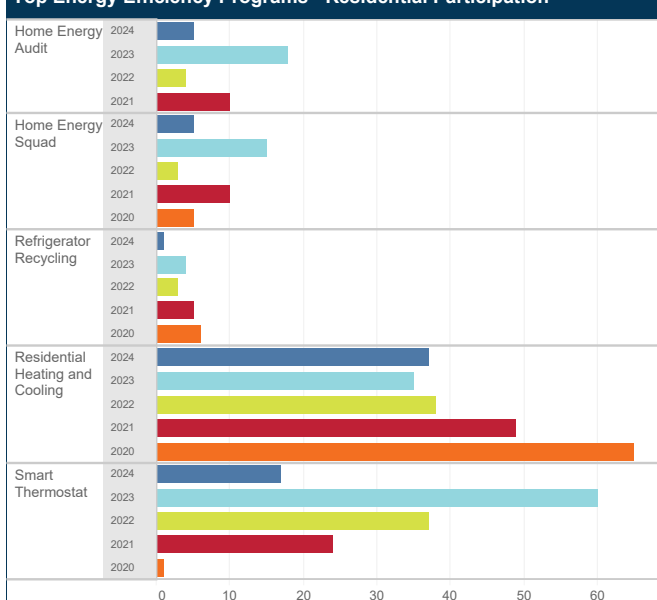
	2020	2021	2022	2023	2024
Commercial & Industrial	0	21,862	32,774	30,535	11,460
Municipal	0	0	0	0	0
Residential	1,074,552	1,081,638	1,048,634	983,019	888,268

#### Total Renewable Program Participation\*

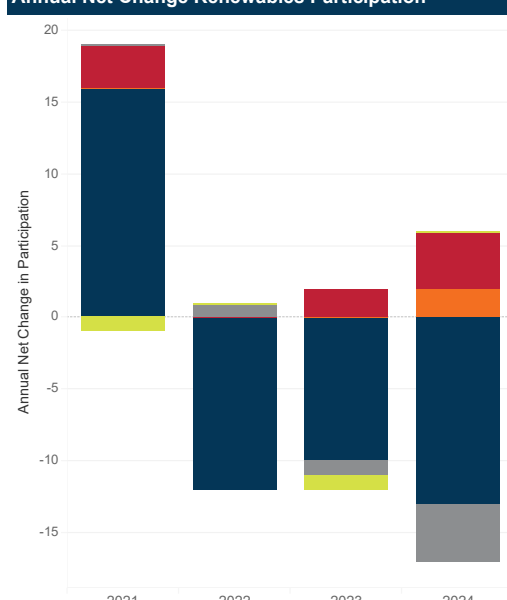
	2020	2021	2022	2023	2024	
Solar*Rewards		3	6	6	8	12
Non-Solar*Rewards Net Metering		0	0	0	0	2
Solar*Rewards Community Participation		17	16	16	15	15
Windsor & Renewable*Connect Flex Participation*	101	117	105	95	82	
Renewable*Connect Participation*	6	6	7	6	2	
<b>Total Renewable Energy Participation</b>	<b>127</b>	<b>145</b>	<b>134</b>	<b>124</b>	<b>113</b>	



### Top Energy Efficiency Programs - Residential Participation



### Annual Net Change Renewables Participation



**PARTNERS IN ENERGY**  
An Xcel Energy Community Collaboration

# 2024 Community Data Dashboard

## Xcel Energy Year-End Program Summary



Energy Efficiency Program Participation						
	2020	2021	2022	2023	2024	
Commercial & Industrial & Municipal	Business Energy Assessments				6	
	Custom Efficiency			1		
	Electric Rate Savings		1		1	
	Energy Design Assistance	2				
	Foodservice Equipment	1				
	Home Energy Audit		1			
	HVAC+R Efficiency	3	6	3	3	1
	Lighting Efficiency	22	16	24	20	13
	Multi-Family Building Efficiency	1	2	6	5	1
	Recommissioning		1			
	Saver's Switch for Business	2		1		
	Self Direct					1
	Small Business Lighting	6	7	4	4	4
	Smart Thermostats for Business			5		
	Turn Key Services		1	4		
<b>Total</b>	<b>37</b>	<b>35</b>	<b>48</b>	<b>33</b>	<b>26</b>	
Residential	Efficient New Home Construction	6				2
	Home Energy Audit		10	4	18	5
	Home Energy Savings Program				3	1
	Home Energy Squad	5	10	3	15	5
	HomeSmart				1	
	Insulation Rebate				1	2
	Low-Income Home Energy Squad				1	1
	Outdoor Equipment					1
	Refrigerator Recycling	6	5	3	4	1
	Residential Heating and Cooling	65	49	38	35	37
	Residential Saver's Switch	44	14	2	50	21
	Smart Thermostat	1	24	37	60	17
	<b>Total</b>	<b>127</b>	<b>112</b>	<b>87</b>	<b>188</b>	<b>93</b>
<b>Grand Total</b>	<b>164</b>	<b>147</b>	<b>135</b>	<b>221</b>	<b>119</b>	

Energy Efficiency Program Savings (kWh)					
	2020	2021	2022	2023	2024
Business Energy Assessments					0
Custom Efficiency			43,604		
Electric Rate Savings		-2,797		-77	
Energy Design Assistance	270,241				
Foodservice Equipment	49,400				
Home Energy Audit		0			
HVAC+R Efficiency	1,973	3,747	21,239	3,346	383
Lighting Efficiency	125,544	75,061	179,826	264,830	65,706
Multi-Family Building Efficiency	0	22,718	150,172	0	0
Recommissioning		0			
Saver's Switch for Business	19		2		
Self Direct					235,388
Small Business Lighting	167,693	298,534	253,909	55,852	169,708
Smart Thermostats for Business			1,856		
Turn Key Services		0	0		
<b>Total</b>	<b>614,870</b>	<b>397,263</b>	<b>650,608</b>	<b>323,951</b>	<b>471,185</b>
Efficient New Home Construction	19,368				6,573
Home Energy Audit		0	0	0	0
Home Energy Savings Program				1,957	89
Home Energy Squad	8,439	10,611	2,310	23,099	4,978
HomeSmart				0	
Insulation Rebate				106	204
Low-Income Home Energy Squad				247	986
Outdoor Equipment					0
Refrigerator Recycling	4,476	3,677	2,260	1,856	540
Residential Heating and Cooling	30,792	18,795	15,631	12,794	11,725
Residential Saver's Switch	100	23	3	57	24
Smart Thermostat	2	468	420	1,248	34
<b>Total</b>	<b>63,177</b>	<b>33,574</b>	<b>20,624</b>	<b>41,364</b>	<b>25,153</b>
<b>Grand Total</b>	<b>678,047</b>	<b>430,837</b>	<b>671,232</b>	<b>365,315</b>	<b>496,338</b>

Xcel Energy filed a new DSM plan in 2024 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

**4/50 Rule:** Xcel Energy applies the "4/50 rule" as an aggregation standard to the energy consumption data within this report. So long as a given aggregated value contains 4 or more customers and no single customer makes up 50 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.

## 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 Heating and Cooling:** 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.