

2024 Community Data Dashboard
Xcel Energy Year-End Program Summary

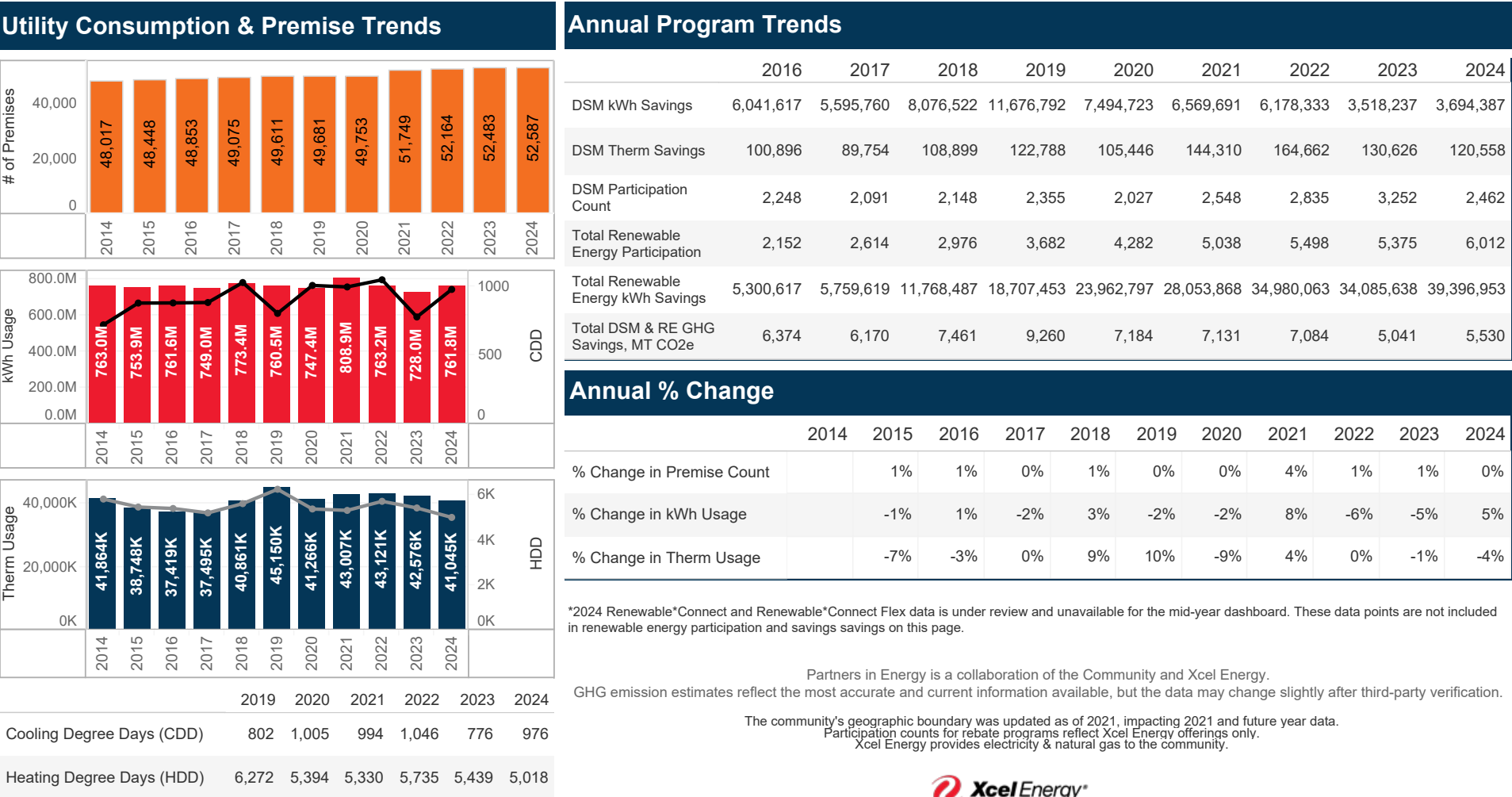


Westminster strives to:

Baseline

- Achieve 1% electricity savings annually and 0.5% natural gas savings annually.
- Increase energy sourced from renewable sources by 10% annually.
- Reduce greenhouse gas emissions by 19% by 2030.

2014



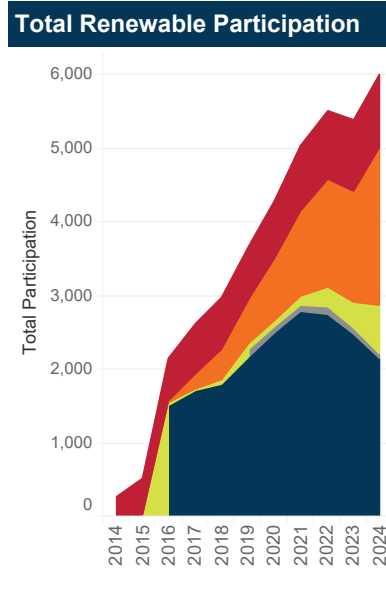
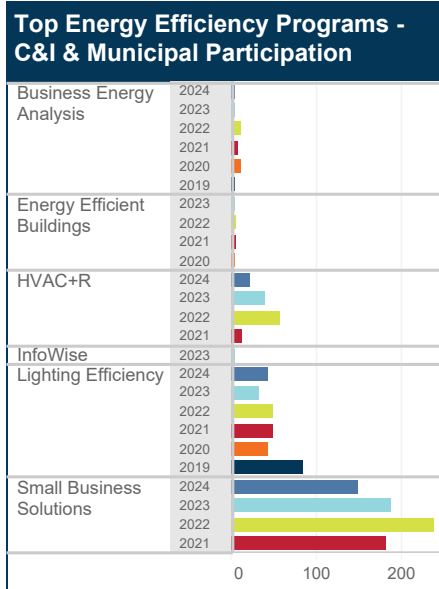
Line: CDD/HDD totals; Colored Bar: Total Consumption & Premises
Balance Temp: 65F; Source: www.weatherdatadepot.com and NOAA.gov

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.
The community's geographic boundary was updated as of 2021, impacting 2021 and future year data.
Participation counts for rebate programs reflect Xcel Energy offerings only.
Xcel Energy provides electricity & natural gas to the community.



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Xcel Energy Year-End Program Summary



Implementation Metrics

Energy Efficiency Program Participation

	2016	2017	2018	2019	2020	2021	2022	2023	2024
Commercial & Industrial	236	268	218	232	224	286	376	270	207
Municipal	6	8	11	10	8	12	11	9	18
Residential	2,006	1,815	1,919	2,113	1,795	2,250	2,448	2,973	2,237

Renewable Program Participation*

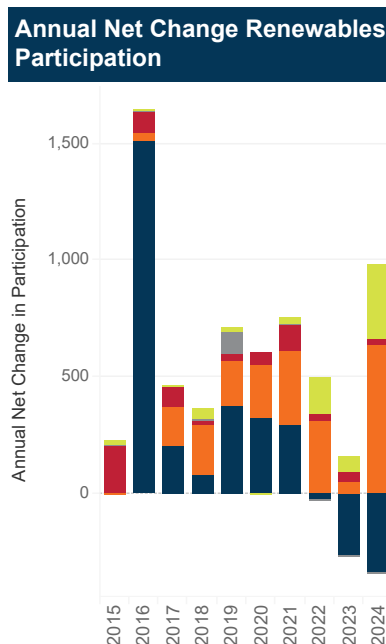
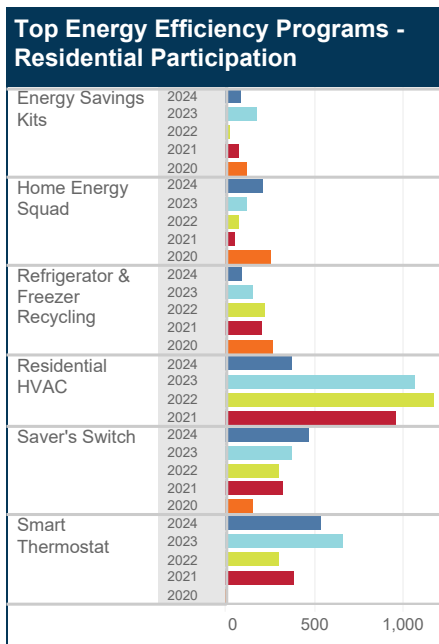
	2016	2017	2018	2019	2020	2021	2022	2023	2024
Commercial & Industrial	23	26	56	71	75	85	101	101	102
Municipal	3	3	13	16	11	23	23	23	23
Residential	2,126	2,585	2,907	3,595	4,196	4,930	5,374	5,251	5,887

Total Renewable Program kWh*

	2017	2018	2019	2020	2021	2022	2023	2024
Commercial & Industrial	1,490,075	3,838,608	5,440,842	8,205,351	9,582,564	9,677,438	10,307,346	12,987,814
Residential	4,022,313	4,461,973	5,239,314	6,439,921	6,877,072	8,498,342	7,825,348	9,076,115
Municipal	247,230	3,467,906	8,027,297	9,317,525	11,594,232	16,804,283	15,952,944	17,333,024

Total Renewable Program Participation*

	2016	2017	2018	2019	2020	2021	2022	2023	2024
Solar*Rewards	583	673	701	734	784	899	926	967	991
Non-Solar*Rewards Net Metering	31	200	416	604	833	1,152	1,460	1,508	2,145
Solar*Rewards Community Participation	24	27	69	84	82	112	270	337	659
Windsor & Renewable*Connect Flex Participation*	1,514	1,714	1,790	2,165	2,490	2,781	2,752	2,484	2,143
Renewable*Connect Participation*	95	93	94	93	94	90	79	74	74
Total Renewable Energy Participation	2,152	2,614	2,976	3,682	4,282	5,038	5,498	5,375	6,012



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
- Windsor & Renewable*Connect Flex



2024 Community Data Dashboard Xcel Energy Year-End Program Summary



Energy Efficiency Programs Participation and Savings

		DSM Participation Count					DSM Therm Savings					DSM kWh Savings					
		2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	
Commercial	Business Demand Rate Programs	2			2	2	0			0	0	0			1,897	0	
	Business Energy Analysis	10	7	10	4	4	0	0	0	0	0	0	0	0	0	0	
	Commercial Refrigeration Efficiency	2	1				0	0				12,171	49,511	0	0		
	Compressed Air Efficiency	1		3			0		0			21,326		126,149			
	Cooling	34	14				0	0				102,844	31,312				
	Data Center Efficiency					1					0					0	
	EV Critical Peak Pricing			2	2	2			0	0	0			0	0	0	
	EV Small Business Program			1					0					0			
	Energy Design Assistance		4	4				33,586	49,526				2,237,278	2,423,608			
	Energy Efficient Buildings	3	5	6	3		0	288	2,040	0		127,087	129,001	42,678	257,825		
	Energy Management Systems					1					0					166,851	
	HVAC+R		13	58	39	21		1,784	11,657	3,289	3,960		84,290	145,907	304,207	1,108,491	
	Heating Efficiency	2					529					0					
	InfoWise				4					0					0		
	Lighting - Small Business	130					122					1,105,967					
	Lighting Efficiency	42	49	49	33	42	0	0	0	0	0	4,174,269	2,366,325	1,376,984	1,445,315	1,088,011	
	Motor & Drive Efficiency	6	1				0	0				849,635	31,823				
	Non-Profit			2					0					104,938			
	Peak Partner Rewards			1	1	2			0	0	0			0	27	452	
	Small Business Solutions		182	238	188	149		1,217	572	64	161		844,219	1,204,626	824,982	886,139	
Small Commercial Building Controls		22	13	2	1		0	0	0	0		725	354	60	18		
Strategic Energy Management				1					0					0			
Residential	ENERGY STAR New Homes		50	43	5			11,998	11,697	1,035			86,889	75,830	8,288		
	EV Charging Perks				36	89				0	0				0	0	
	EV Purchase and Lease Rebate		1	2	13	22		0	0	0	0		0	0	0	0	
	Electric Vehicle Optimization			10					0				0				
	Energy Savings Kits	117	74	28	180	87	1,304	1,409	490	3,441	1,601	16,973	26,827	10,248	74,678	38,851	
	Evaporative Cooling	144					0					226,278					
	High Efficiency Air Conditioning	350					28,075					222,008					
	Home Energy Audit	28	61	81	111	130	0	0	0	0	0	0	0	0	0	0	
	Home Energy Squad	255	47	80	123	211	5,406	1,016	2,680	3,170	4,671	240,902	51,331	72,704	95,027	97,092	
	Home Performance with ENERGY STAR	3					744					667					
	Home Wiring Rebate		2	18	49	57		0	0	0	0		0	0	0	0	
	HomeSmart		2	51	34	6		0	0	0	0		0	0	0	0	
	Income Qualified EV Charger and Wiring Rebate				10	10				0	0				0	0	
	Insulation & Air Sealing	76	42	52	53	43	15,681	9,719	9,607	11,760	7,844	22,739	7,356	12,716	16,452	12,747	
	Multifamily Buildings	8	7	7	11	8	4,583	146	23	58	0	61,789	116,064	38,552	66,132	154	
	Multifamily Weatherization			3	4	2			0	2,711	7,194			92,652	53,795	1,452	
	Refrigerator & Freezer Recycling	267	204	224	153	97	0	0	0	0	0	207,509	157,885	176,419	105,728	70,543	
	Residential HVAC		953	1,168	1,066	376		77,003	68,442	98,348	85,715		320,139	244,897	234,959	176,694	
	Residential Heating	193					33,017					55,553					
	Saver's Switch	156	328	294	372	471	0	0	0	0	0	612	1,316	1,192	2,427	4,311	
	Single-Family Weatherization	37	92	87	95	82	8,204	6,144	7,928	6,750	6,332	18,891	25,780	26,655	23,806	38,222	
	Smart Thermostat	8	387	300	658	535	0	0	0	0	0	32	1,620	1,224	2,632	2,140	
	Thermostat Optimization	127					6,072					20,956					
	Water Heating	26					1,709					6,515					
	Whole Home Efficiency					11					3,080					2,219	
	Grand Total		2,027	2,548	2,835	3,252	2,462	105,446	144,310	164,662	130,626	120,558	7,494,723	6,569,691	6,178,333	3,518,237	3,694,387

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_{2e}): A unit of measure for greenhouse gas emissions. The unit "CO_{2e}" represents an amount of a greenhouse gas whose atmospheric impact has been standardized to that of one unit mass of carbon dioxide (CO₂), 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>