

2023 Community Data Dashboard

Xcel Energy Year-End Program Summary



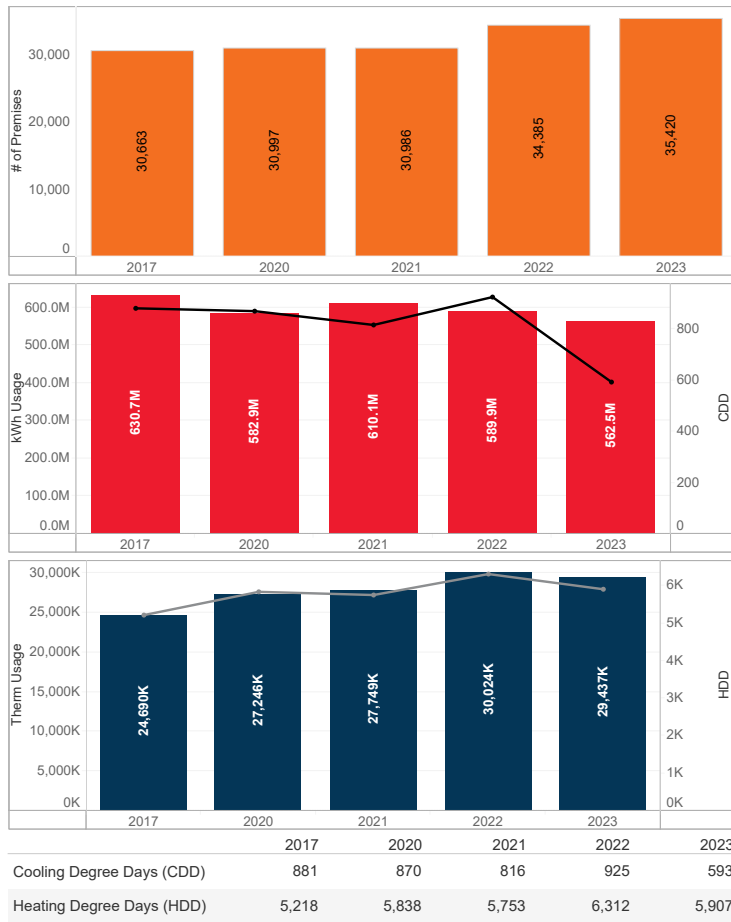
Broomfield strives to:

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

Baseline

2017

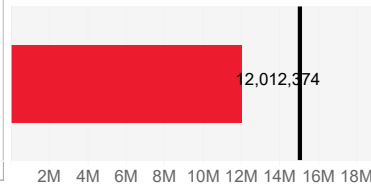
Utility Consumption & Premise Trends



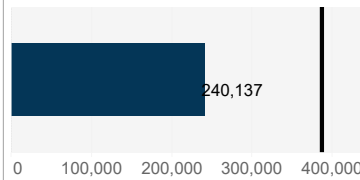
Energy Action Plan Impact

Period: June 1, 2022 to December 31, 2023

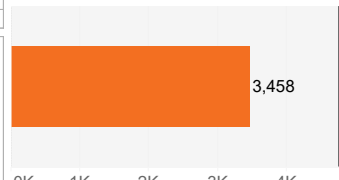
Cumulative kWh Savings



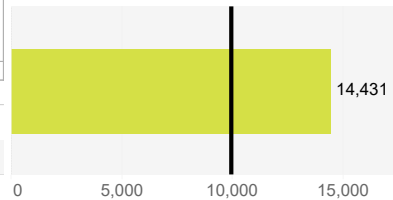
Cumulative Therm Savings



Cumulative DSM Participation



Cumulative GHG Emissions Avoided (MTCO2e)



Colored Bar: Progress Black Line: Goal

Annual Program Trends

	2017	2020	2021	2022	2023
DSM kWh Savings	5,848,152	5,419,792	4,741,987	9,910,699	2,854,448
DSM Therm Savings	66,604	76,941	78,862	146,374	134,228
DSM Participation Count	1,371	1,115	1,484	1,979	2,166
Total Renewable Energy Participation	1,185	2,098	2,511	2,899	2,782
Total Renewable Energy kWh Savings	3,420,242	10,296,267	10,628,692	12,585,995	12,302,294
Total DSM & RE GHG Savings	5,830	7,891	7,662	10,455	6,217

Annual % Change

	2017	2018	2019	2020	2021	2022	2023
% Change in Premise Count	2%	1%	0%	0%	0%	11%	3%
% Change in kWh Usage	-1%	-1%	-4%	-3%	5%	-3%	-5%
% Change in Therm Usage	-2%	9%	12%	-9%	2%	8%	-2%

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.

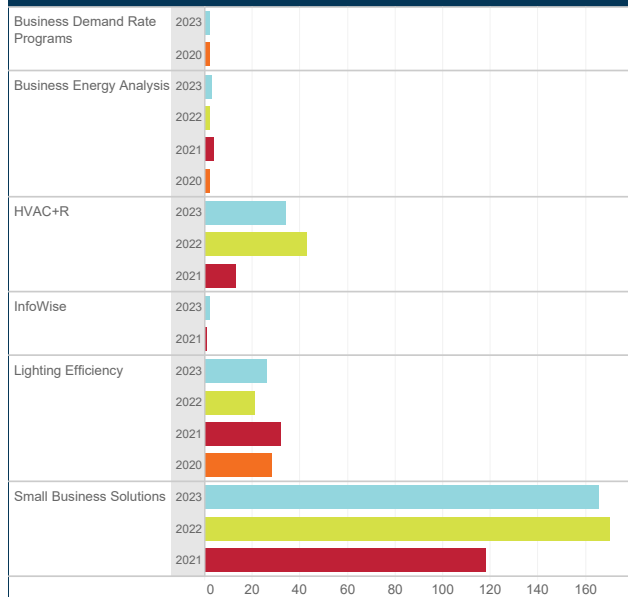
Xcel Energy provides electricity & natural gas to the community.



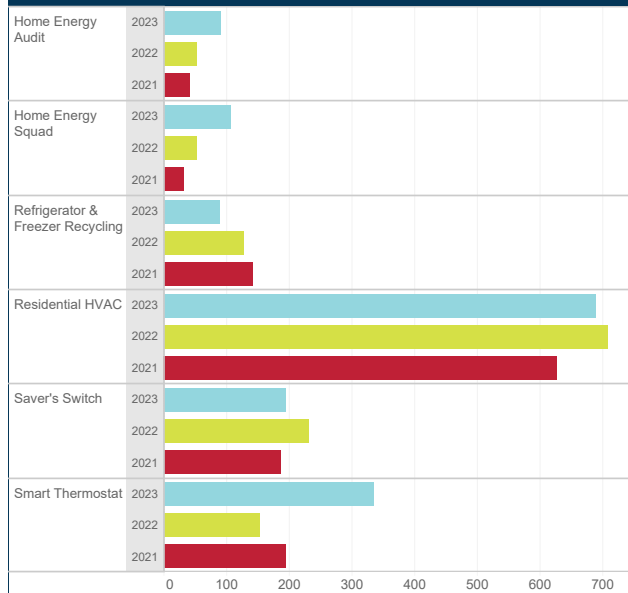
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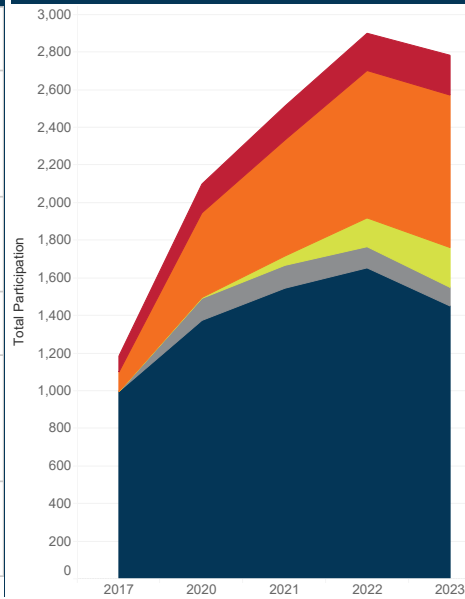
Top Energy Efficiency Programs - C&I & Municipal Participation



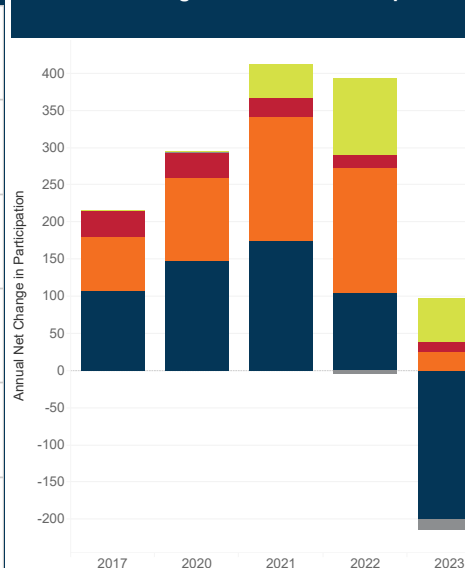
Top Energy Efficiency Programs - Residential Participation



Total Renewable Participation



Annual Net Change Renewables Participation



Implementation Metrics

Energy Efficiency Program Participation

	2017	2020	2021	2022	2023
Commercial & Industrial	287	141	184	251	226
Municipal	10	18	13	4	8
Residential	1,074	956	1,287	1,724	1,932

Renewable Program Participation

	2017	2020	2021	2022	2023
Commercial & Industrial	11	22	23	24	26
Municipal	0	40	40	41	39
Residential	1,174	2,036	2,448	2,834	2,717

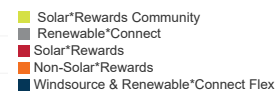
Total Renewable Program kWh

	2017	2020	2021	2022	2023
Commercial & Industrial	532,100	4,523,597	4,351,605	4,854,824	5,257,616
Residential	2,888,142	4,467,109	5,061,748	6,420,354	5,719,950
Municipal	0	1,305,561	1,215,462	1,318,005	1,324,728

Total Renewable Program Participation

	2017	2020	2021	2022	2023
Solar*Rewards	87	155	180	199	212
Non-Solar*Rewards Net Metering	103	448	616	783	808
Solar*Rewards Community	1	6	51	153	212
Windsource & Renewable*Connect Flex	994	1,372	1,546	1,651	1,450
Renewable*Connect		117	118	113	100
Total Renewable Energy Participation	1,185	2,098	2,511	2,899	2,782

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



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Energy Efficiency Programs Participation and Savings

	DSM Participation Count					DSM Therm Savings					DSM kWh Savings				
	2017	2020	2021	2022	2023	2017	2020	2021	2022	2023	2017	2020	2021	2022	2023
Commercial															
Business Demand Rate Programs		2			2		0			0		0			1,407
Business Energy Analysis	7	2	4	2	3	0	0	0	0	0	0	0	0	0	0
Commercial Refrigeration Efficiency	10	5				189	268				44,897	461,655			
Compressed Air Efficiency	9	1	1	3		0	0	0	0		347,077	89,860	33,940	154,771	
Computer Efficiency	6					0					133,863				
Cooling	42	23	5			0	0	0			181,285	84,292	7,731		
Custom Efficiency		2		1			5,511		3,219			0		0	
EV Fleet & Workplace				1					0					0	
Energy Design Assistance		3	2	1			0	0	15,701			936,964	1,300,000	655,864	
Energy Efficient Buildings	2	5	1	2		0	0	0	0		221,682	389,689	2,278	118,196	
Energy Management Systems	3					0					274,416				
HVAC+R			13	43	34			0	2,951	1,256			297,084	2,480,083	495,356
Heating Efficiency	5	1				3,118	1,271				13,620	0			
InfoWise			1		2			0		0			0		0
Lighting - Small Business	113	86				86	0				645,985	674,657			
Lighting Efficiency	93	28	32	21	26	0	0	0	0	0	3,020,717	2,196,254	2,011,749	598,620	1,002,025
Non-Profit			1	1				0	0				105,533	8,770	
Recommissioning	2					0					0				
Self Direct				1					0					852,079	
Small Business Solutions			118	170	166			924	352	0			626,229	840,419	873,411
Small Commercial Building Controls			19	8	1			0	0	0			748	240	30
Strategic Energy Management				1					0					3,899,292	
Residential															
ENERGY STAR New Homes	103			305	210	12,942			54,599	32,540	34,949			33,868	19,444
EV Purchase and Lease Rebate				1	4					0				0	0
Electric Vehicle Optimization				5					0					0	
Energy Savings Kits	52	27	18	6	61	923	414	438	101	1,206	16,964	6,561	5,234	2,989	22,658
Evaporative Cooling	42	59				0	0				54,687	92,003			
High Efficiency Air Conditioning	154	209				0	17,354				160,595	147,618			
Home Energy Audit	45	30	40	51	90	0	0	0	0	0	0	0	0	0	0
Home Energy Squad	20	38	31	53	105	982	765	892	1,398	3,261	26,593	31,369	20,442	27,960	86,911
Home Performance with ENERGY STAR	11	6				6,501	3,190				8,687	3,626			
Home Wiring Rebate				14	46				0	0				0	0
HomeSmart			3	22	21			0	0	0			0	0	0
Income Qualified EV Charger and Wiring Rebate				1	5				0	0				0	0
Insulation & Air Sealing	22	23	29	38	51	6,488	4,988	7,060	9,720	12,839	10,967	3,505	5,009	5,457	29,197
Multifamily Buildings	9	6	2	6	10	9,114	1,379	727	0	807	115,038	93,121	11,473	0	85,252
Multifamily Weatherization	1					1,984					66,573				
Refrigerator & Freezer Recycling	159	155	140	127	89	0	0	0	0	0	141,618	119,027	97,512	90,320	64,035
Residential HVAC			626	708	688			65,981	57,360	80,463			211,013	139,629	159,119
Residential Heating	196	167	1			21,517	31,731	197			146,091	36,494	0		
Saver's Switch	121	76	186	231	193	0	0	0	0	0	938	308	744	1,008	1,508
Single-Family Weatherization	55	12	18	4	25	910	2,947	2,643	973	1,856	12,044	3,529	4,424	522	12,759
Smart Thermostat	54	5	193	152	334	0	0	0	0	0	245	20	844	612	1,336
Grand Total	1,371	1,115	1,484	1,979	2,166	66,604	76,941	78,862	146,374	134,228	5,848,152	5,419,792	4,741,987	9,910,699	2,854,448

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