

Red Wing Energy Snapshot

Xcel Energy Quarterly Energy Conservation Program Participation: 2016 Q4 Summary



Green Wing Energy Goals

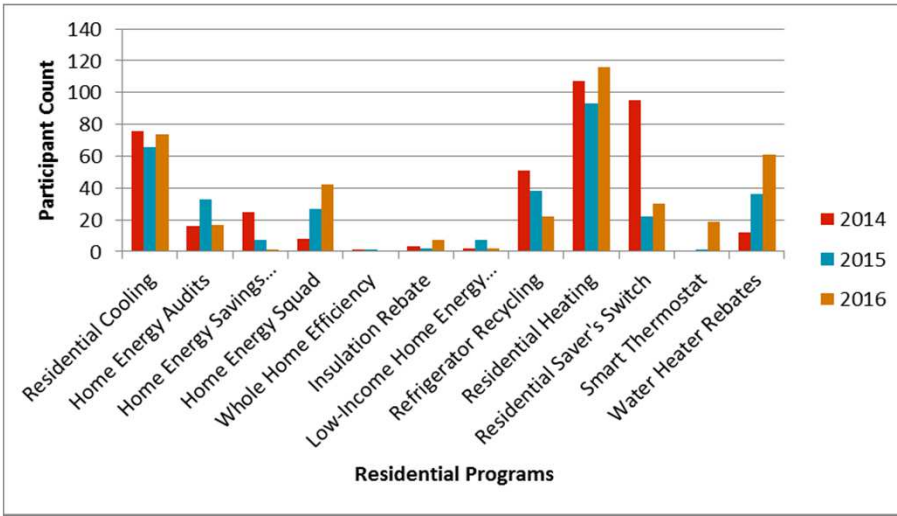
- By 2018 have an additional 10% of Red Wing households participate in an energy efficiency or renewable energy program. 700 households above the city's baseline. (1,500 actions total)
- By 2019 have an additional 10% of small to mid-sized commercial businesses participate in an energy efficiency or renewable energy program. 100 businesses above the city's baseline. (235 actions total)

Residential Top Program Participation

Year-To-Date Total Participation: 391

Goal: 1,500 actions

Percent to Goal: 26%
Years Left: 1



Cumulative since January 2016

Residential Participation

391

Commercial & Industrial Participation

111

Windsor[®] Signups (2016)

230

kWh Savings

1,022,803

Therm Savings

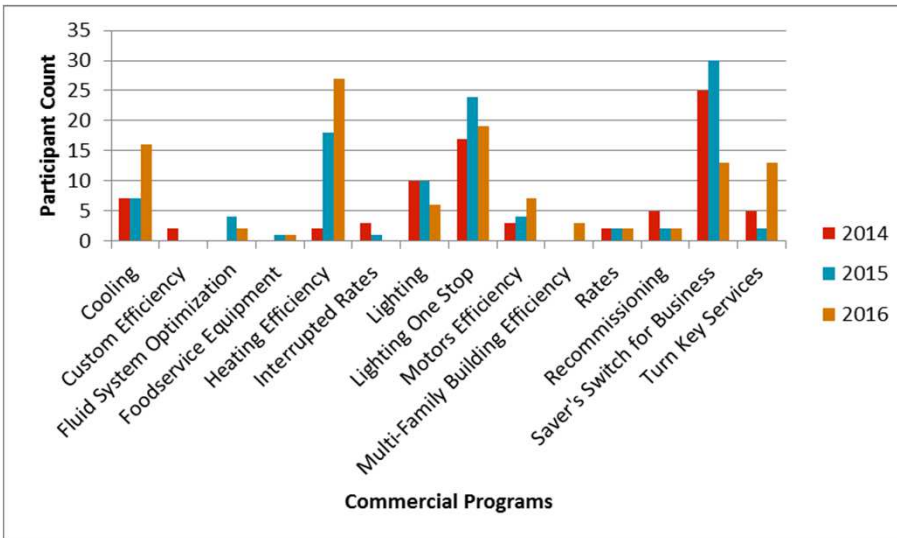
128,890

Small & Mid-Sized Commercial Top Program Participation

Year-To-Date Total Participation: 185

Goal: 235 actions

Percent to Goal: 79%
Years Left: 2



PARTNERS IN ENERGY
An Xcel Energy Community Collaboration

THE CITY OF RED WING AND XCEL ENERGY ARE PLEASED TO WORK TOGETHER TO ACHIEVE OUR ENERGY GOALS.

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Shared on March 21, 2017

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Residential Program Participation

Red Wing Residential Program Participation	Participation Counts			Electric kWh Savings			Natural Gas Therm Savings		
	2014	2015	2016	2014	2015	2016	2014	2015	2016
Residential Cooling	76	66	74	50,835	44,925	47,167	0	0	0
Home Energy Audits	16	33	17	0	0	0	0	0	0
Home Energy Savings Program	25	7	1	11,552	2,912	681	1,748	862	0
Home Energy Squad	8	27	42	5,095	17,918	40,278	832	2,892	5,063
Whole Home Efficiency	1	1	0	411	2,050	0	151	358	0
Insulation Rebate	3	2	7	113	1,061	1,140	184	228	1,233
Low-Income Home Energy Squad	2	7	2	3,174	3,252	2,617	52	846	175
Refrigerator Recycling	51	38	22	52,523	38,148	20,676	0	0	0
Residential Heating	107	93	116	46,575	44,628	60,980	16,911	16,001	18,640
Residential Saver's Switch	95	22	30	768	200	240	0	0	0
Smart Thermostat	0	1	19	0	0	0	0	0	0
Water Heater Rebates	12	36	61	0	0	0	422	840	1,174
TOTAL	396	333	391	171,046	155,094	173,779	20,300	22,027	26,285

Commercial & Industrial Program Participation

Red Wing Small and Mid-Sized Business Program Participation (Use less than 1,000,000 kWh /yr)	Participation Counts			Electric kWh Savings			Natural Gas Therm Savings		
	2014	2015	2016	2014	2015	2016	2014	2015	2016
Cooling	7	7	16	60387	21637	9816	0	0	0
Custom Efficiency	2	0	0	35595	0	0	5610	0	0
Fluid System Optimization	0	4	2		109142	6335	0	0	0
Foodservice Equipment	0	1	1	0	0	0	0	8045	739
Heating Efficiency	2	18	27	0	0	0	2820	18820	82124
Interrupted Rates	3	1	0	-4390	2266	0	0	0	0
Lighting	10	10	6	927458	276758	109926	0	0	0
Lighting One Stop	17	24	19	203948	438207	434956	0	0	0
Motors Efficiency	3	4	7	215663	234048	228534	0	0	0
Multi-Family Building Efficiency	0	0	3	0	0	34038	0	0	3332
Rates	2	2	2	0	0	0	0	0	0
Recommissioning	5	2	2	31189	2151	25181	2020	0	16410
Saver's Switch for Business	25	30	13	524	380	238	0	0	0
Turn Key Services	5	2	13	0	0	0	0	0	0
Energy Smart Visit			10						
Free 15 Minute Walkthroughs (Summer 2016)			64						
TOTAL	81	105	185	1,470,374	1,084,589	849,024	10,450	26,865	102,605

2016 Outreach Highlights & Notes

- oPromoted Home Energy Squad, discounted Turn Key audits, free 15 minute walk throughs and Energy Smart visits in July 2016
- oTabled at fall Chamber of Commerce event

Data Notes:

Xcel Energy provides both gas and electric service to Red Wing. Savings data only reflects participation in Xcel Energy conservation programs. Participation in Energy Smart Visits and the free 15 minute walkthroughs offered in the summer of 2016 are included in the 2016 participation counts.