



PARTNERS IN ENERGY
An Xcel Energy Community Collaboration

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Program Offering

Full Plan

Partners in Energy is a two-year collaboration with Xcel Energy to develop and implement your energy plan goals.

Planning
(6 months)

Implementation
(18 months)

Alternative Plan

Partners in Energy is launching streamlined planning for communities with limited planning resources or needs. Focus is on implementation support.

Planning
(4 months)

Implementation
(pending needs)

Vision and Objectives

Engage with the communities we serve by providing them with tools and resources to develop and carry out their energy action plan.

Drives program participation

- Link of PiE tactics to EV offerings
- History has shown activity drops when PiE initiative ends

Builds deeper community relationships

- Communities engage utility in future planning .
- Xcel Energy gets broader exposure to decision makers in the community.

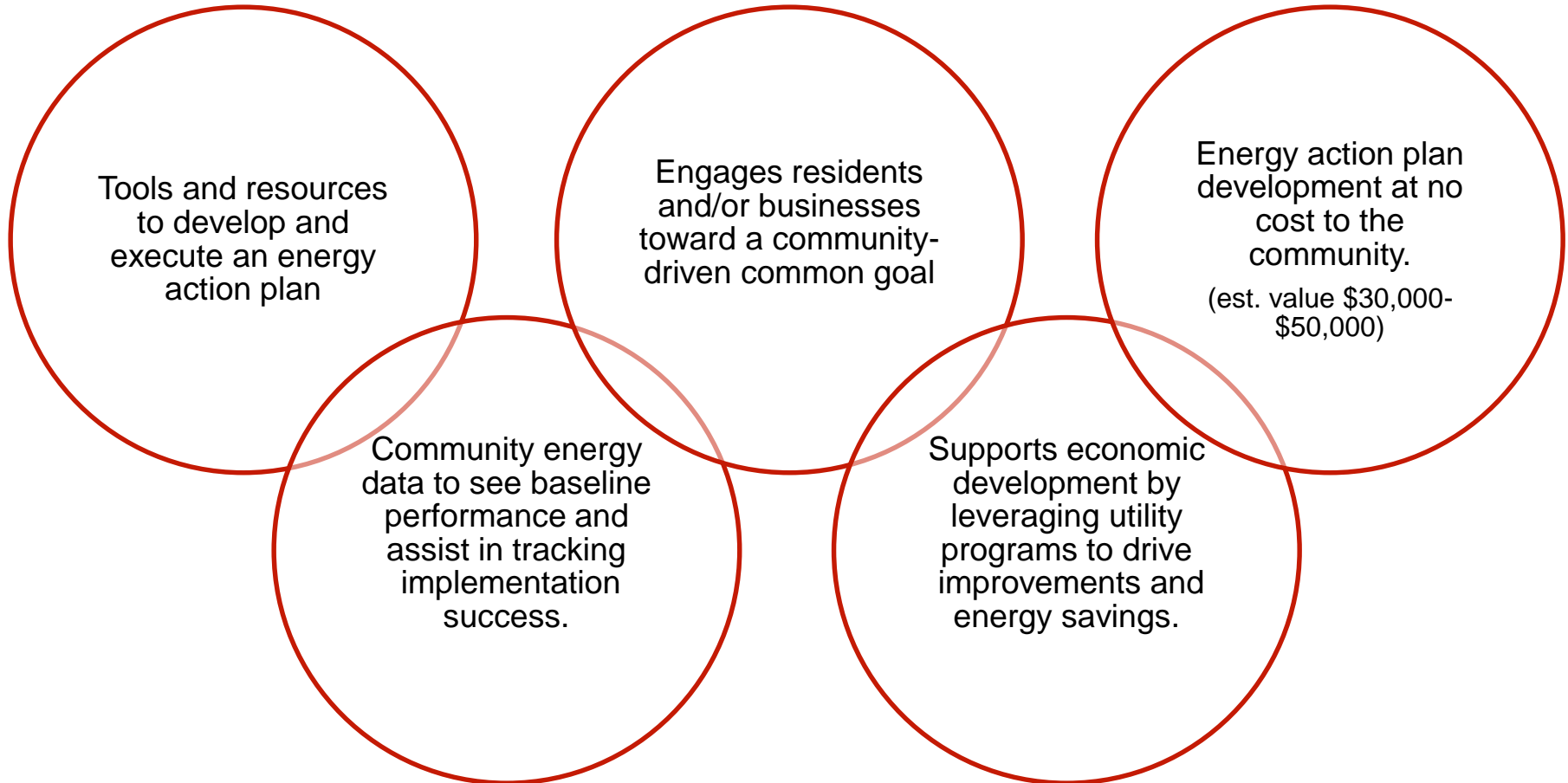
Provides opportunities to identify opportunities for program offerings

- Communities want to innovate and lead.
- Access to new outreach and markets collaborating with trusted community leaders.

Community Benefits



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How it Works

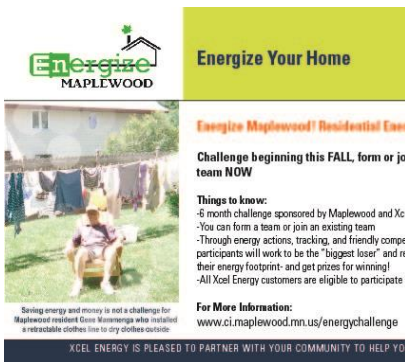


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1. Communities apply to participate.
 - a) Applications accepted two times a year
 - b) Xcelenergy.com/PartnersinEnergy
 - c) 1-800-369-4362
2. Includes all of Xcel Energy's programs and services, not just conservation offerings.
 - a) Promote Xcel Energy's renewable
 - b) Supports education on energy information and billing options
3. Incorporates co-branding with communities and local partners.
 - a) Press releases
 - b) Email, direct mail, flyers
 - c) Workshops
4. Relies heavily on community resources.
5. Vendor team:
 - a) Brendle Group – prime, Colorado
 - b) Center for Energy and Environment (CEE) – Minnesota
 - c) Vermont Energy Investment Corp (VEIC) – online Exchange resources

Resources for Implementation

A variety of resources are available to support the implementation phase.



Energyize Your Home

Energyize Maplewood Residential Case

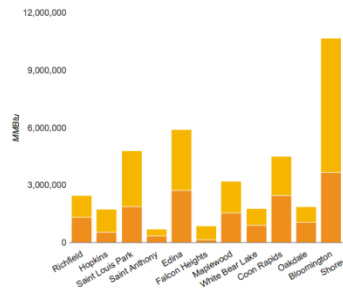
Challenge beginning this FALL, form or join team NOW

Things to know:
 -6 month challenge sponsored by Maplewood and Xcel
 -You can form a team or join an existing team
 -Through energy actions, tracking, and friendly compet participants will work to be the "biggest loser" and re their energy footprint- and get prizes for winning!
 -All Xcel Energy customers are eligible to participate

For More Information:
www.ci.maplewood.mn.us/energychallenge

XCEL ENERGY IS PLEASED TO PARTNER WITH YOUR COMMUNITY TO HELP YOU

Marketing and Communications



Data Tracking/ Measurement



Add "Saving Money" to Your Winterizing Checklist

This season, why not join other businesses saving an average of 2% to 10% per year from better energy management? We're making it exciting by reaching half your energy bill during winter months, making energy-saving improvements—matched by those money-saving initiatives—will pay off in no time next fall.

- Replace your boiler.** Upgrade to high efficiency boiler and reduce fuel consumption. Run gas temperatures and antennas—offering significant energy savings. We have three rebate opportunities including a rebate average of \$2000 per boiler (EPA) when you upgrade to a 92% efficiency boiler.
- Take up your boiler.** Switch from oil to energy, reduce the life of your heating system, and reduce breakdowns. Receive a rebate of 20% of the cost of each boiler tune-up every two years—up to \$200 per boiler.
- Wipe your pipes.** Insulating pipes can reduce energy losses by between 0.7% and 0.9%. We have three levels of rebate, depending on pipe diameter. By wrapping a four inch pipe with an R-value of 4.5, you can save \$200 a year (100 feet).
- Install VFDs.** Providing load during energy banking hours in the brewing energy use the solution. Reduce additional electrical energy by installing variable frequency drive (VFD) on all heating units and fans motors. Rebates vary, offering savings between \$400 to \$1,000 per VFD, from 1 to 200 HP.

Additional rebates:
 Managing energy use with a control system adds more savings by diverting energy waste, increasing comfort and protecting the life of your equipment. We have control systems available, so we determine a rebate amount based on the energy savings potential of your specific control system. The business can save rebates up to \$400 per Kilowatt (KW) and \$5 per Datacenter (DW) load.

REBATE SNAPSHOT

Rebate/Incentive	Rebate Amount	
Boiler Rebate	\$2,000/boiler (EPA)	
Oil to Energy	\$2,000/boiler (EPA)	
Rebate/Incentive	\$2,000/boiler (EPA)	
92% Efficient New	\$3,500/boiler (EPA)	
90% Efficient New	\$2,000/boiler (EPA)	
90% Efficient Down Sizing	\$2,000/boiler (EPA)	
Rebate/Incentive	\$2,000/boiler (EPA)	
Take up	20% of tune-up cost up to \$250/boiler	
Energy Management	\$200 per equipment or replaced	
Pipe Insulation	\$1.7' diameter with R-value 4.5	\$2/linear foot
Control	\$5/linear foot	
Control	\$5/linear foot	
Control	\$4/linear foot	
Control	\$5/linear foot	
Control	\$400/linear foot	
Control	\$5/linear foot	
Control	\$5/linear foot	

Program Expertise



Project Management

Tools for Successful Energy Planning



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- Community commitment
 - Staff resources
 - Executive support
- Stakeholder engagement
 - Diverse planning group
 - Different perspectives
- Data
 - Energy consumption
 - Energy savings/Renewable energy
 - Community demographics
- Utility partnership

Goal: Achieve carbon neutrality in city operations by 2030, and citywide by 2050.

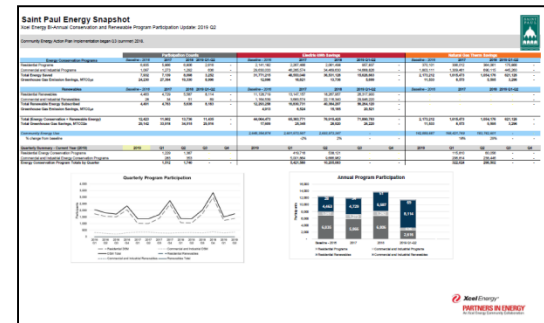
Partners in Energy was the energy chapter of a Climate Action Plan.

5 Energy Action Plan Priorities

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- Inspire a Culture of Energy Stewardship**
 - Reduce Resident Energy Burden**
 - Engage Major Institutions on Climate Leadership**
 - Inspire through Municipal Leadership**
 - Engage the Multifamily and Large Commercial Sector**

St Paul Implementation Support

- Residential Survey
 - Design
 - Translation (Hmong and Spanish)
- Home Energy Squad
 - Seniors
 - Low income
 - Implementation of Previously Identified Measures
- Rental Rehab Loan Program coordination
- Race to Reduce
 - Benchmarking support
 - Webinar
 - Sponsorship
- Tracking and Reporting





Minneapolis Clean Energy Partnership

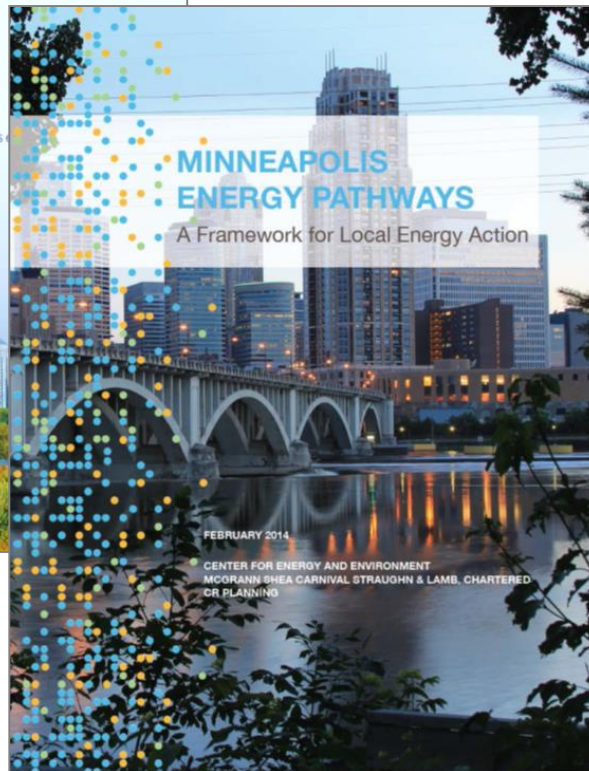
Cindy Auld, Xcel Energy

Help Minneapolis Achieve its Energy Vision

Minneapolis
Climate Action Plan

A roadmap to reducing citywide greenhouse gas

May 2013



- Minneapolis CAP GHG goals:
 - 15% by 2015
 - 30% by 2025
 - 80% by 2050
- Advance equity in infrastructure and environmental benefits
- New Clean Energy Agreements with both utilities

Partnership Structure



- Partnership Board
 - Mayor
 - City Coordinator
 - Two City Council Members
 - Two (each) high-level utility representatives
- EVAC
 - 15 community representatives
- Planning Team
 - Staff from the city, Xcel Energy, CenterPoint Energy

Partnership Goals and Strategies

CEP Goals

- Increase energy efficiency
- Increase renewable energy
- Develop strong city-utility collaboration

CEP Strategies

- Community and stakeholder engagement
- Data and information
- Policy levers



Work Plan Highlights

- All Partners collaborated to provide benchmarking training to building operators of multi-family buildings - **complete**
- Xcel Energy provides small business refrigeration program - **on-going and collaboration with city green cost share program**
- Xcel Energy LED streetlight conversion - **complete**
- Xcel to install electric vehicle infrastructure for City fleet – **in process**
- Xcel responded to the city's Request for Information (RFI) as part of the City enterprise's ongoing planning for achieving 100% renewable electricity goal for City operations - **complete**
- An Xcel Energy RDF grant was approved by the PUC Grant recipient and City of Minneapolis have determined a Low-Income Community Solar Garden site on City property in northeast Minneapolis – **in process**



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Thank You

Questions?