



CITY OF
MINNETONKA

Partners in Energy

Workshop 3

January 15, 2020

6:00-8:30 p.m.

Minnetonka Community Center

Agenda

Time	Activity
6:00	Welcome and Agenda Review
6:10	Update on Energy Action Plan
6:15	Review Current Xcel Energy Programs
6:35	Planning Recap, Research Results, & Tonight's Project - Strategies
7:00	BREAK
7:15	Breakout Exercise Setup & Activity
8:10	Recaps
8:25	Wrap-Up

Energy Action Team Members in Attendance

- Ben Jacobs, resident and Park Board member
- Brian Golob, resident and member of Minnetonka Climate Initiative
- Charlie Yunker, resident and Chair, Economic Development Advisory Commission
- Dan Duffy, resident and architect, Daniel K. Duffy Architects
- Deirdre Coleman, Partners in Energy community facilitator
- Dennis Yockers, St. Luke Presbyterian Church,
- Drew Ingvalson, planner, City of Minnetonka
- Emma Schoppe, local energy policy manager, CenterPoint Energy
- Gabi Tan, student and member of Minnetonka Climate Initiative
- Julie Wischnack, community development director, City of Minnetonka
- Kathryn Linafelter Johnson, resident
- Loren Gordon, city planner, City of Minnetonka
- Marisa Bayer, Partners in Energy community facilitator
- Matt Henry, Planning Commission member and 2040 Comprehensive Plan Committee member
- Megan Park, resident and owner, Unmapped Brewery
- Michelle Swanson, community relations manager, Xcel Energy
- Mike Holsinger, Partners in Energy community facilitator
- Skyler Seets, student and member of Minnetonka Climate Initiative
- Thomas Scott, president, Senior Advisory Board
- Tami Gunderzik, Partners in Energy program manager, Xcel Energy
- Yvonne Pfeifer, community energy efficiency manager, Xcel Energy



PARTNERS IN ENERGY
An Xcel Energy Community Collaboration

Energy Action Team Members not in Attendance

- Jamie Johnson, Partners in Energy community facilitator
- Kevin Neuman, facilities director, Hopkins Public Schools
- Ryan Waldriff, operations director, Ridgedale Center

Welcome & Agenda Review

Mike Holsinger, Partners in Energy community facilitator

See Slides 1-5

Mike reviewed the workshop agenda and objectives, including anchoring the group in the Energy Action Plan development steps.

The third workshop focuses the team's discussion on focus areas and strategies to achieve the community-wide goal to reduce greenhouse gas emissions.



*Minnetonka Energy Action Team at Workshop 3.
Photo credit: Partners in Energy.*

Update on Energy Action Plan

Mike Holsinger, Partners in Energy community facilitator

See slides 6-8

Mike shared an overview of the structure of the Energy Action Plan in progress, including the process for review and editing of the final plan. The Energy Action Team will be invited to review and provide comments on the draft plan document before it goes to review by leadership. Mike also noted that the Partners in Energy team is available to assist with any meetings or presentations necessary to secure approval and adoption of the Energy Action Plan when it is complete.

Utility Program Participation Programs

Deirdre Coleman, Partners in Energy community facilitator

See Slides 9-26

Deirdre reviewed the program participation data available to the Minnetonka Energy Action Team as part of the Partners in Energy planning process. Data is available to the Energy Action Team during the planning process to help make data-driven decisions. Data will also be provided during implementation to assist with measuring progress towards goals.

- All data conform to Xcel Energy's 15x15 privacy rule, where each data set has to contain at least 15 premises and no one premise can consume more than 15% of the energy.
- Data is also included from CenterPoint Energy, Minnetonka's natural gas provider, and follows their data privacy rules.
- All data presented are for planning purposes only and should not be considered final.

Xcel Energy Program Participation

- Residential programs include all rebates and programs targeting residential customers.

- Popular programs include residential heating and cooling, and refrigerator recycling.
- Home Energy Squad® Enhanced, a home energy audit program, had 89 participants in 2018. In 2020, the City of Minnetonka will cover half the cost of the enhanced visit for the first 280 residents who sign up after successful promotion of the same buy-down program in 2019 for 140 visits.
- Commercial and industrial programs include all rebates and programs targeting commercial and industrial customers.
 - Popular programs include lighting efficiency, small business lighting, and cooling.
- Renewable energy program participation as also discussed. The two main Xcel Energy subscription programs are Renewable*Connect® and Windsource®, which are renewable energy subscription programs where the customer retains the REC.

CenterPoint Energy Program Participation

- Home efficiency and home insulation rebates are the most popular programs for residents.
 - Home Energy Squad is jointly offered by Xcel Energy and CenterPoint Energy, which is why their data also includes participation for that program.
- Heating and water heating rebates are the most popular programs for commercial and industrial customers.

Key data takeaways

- For Xcel Energy programs, there were 1,610 participants in residential and 280 participants in commercial and industrial programs, saving 9.2 million kWh in 2018.
- The Xcel Energy DSM program participation rate for Minnetonka is about 5%.
- The top 20% of commercial and industrial electricity premises consumed 88% of that sector's electricity usage in 2018.
 - 56% of these users participated in Xcel Energy programs, saving 89% of the electricity saved in commercial and industrial program participation.
- Through participation in renewable energy programs, almost 10 million kWh of electricity were generated from renewable sources in Minnetonka in 2018.
- An equivalent of the greenhouse gas emissions emitted from a single passenger vehicle driving almost 12 million miles were avoided through participation in Xcel Energy and CenterPoint Energy DSM programs.

For detailed program participation, please see slides 12, 17, 23, and 25.

Planning Recap & Research Results

Mike Holsinger, Partners in Energy community facilitator
See Slides 27-

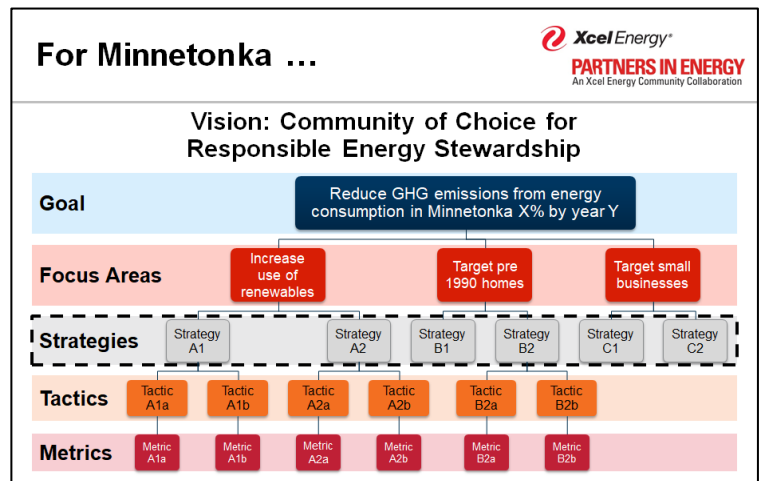
Mike anchored the group in the plan hierarchy of how goals relate to focus areas, strategies, and tactics. He revisited Minnetonka's energy vision and goal, which includes being the community of choice for responsible energy stewardship and reducing greenhouse gas emissions. Mike reiterated that the focus areas and strategies identified in today's workshop will help Minnetonka achieve its goal and energy vision.

At workshop 2, the Energy Action Team identified three near-term focus areas: renewable energy, homes built before 1990, and small businesses. The Energy Action Team was given the opportunity give additional feedback during a pre-workshop survey, which showed the preferred short-term focus areas are: residential energy efficiency, homes built before 1990, renewable energy, and multi-family buildings. After discussion it was determined these would be the four focus areas for today's discussion, while still including the medium-term and long-term focus areas into the Energy Action Plan.

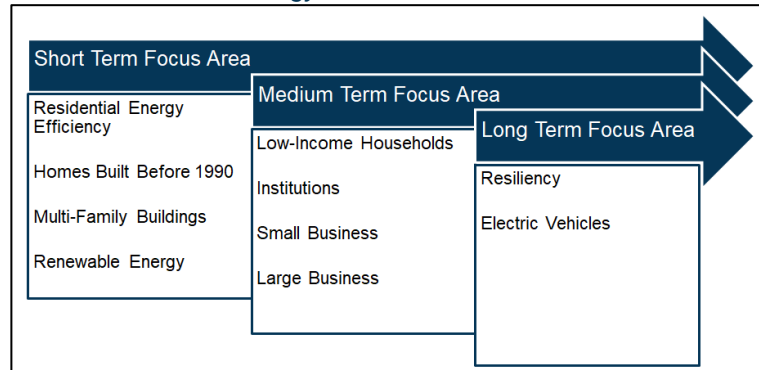
Breakout Exercise Activity

Small Groups
See Slides 46-50

The Energy Action Team broke out into small groups to brainstorm strategies for each of the four focus areas. Teams designated a captain and then took time to brainstorm individually before sharing their ideas with the small group. Energy Action Team members rotated through each focus area, completing the same exercise to brainstorm additional strategy ideas.



Goal-Focus Area-Strategy structure.



Minnetonka's Focus Areas.



Energy Action Team during Workshop 3.

Breakout Exercise Recaps

Small Group Captains

Captains for the focus areas were asked to report out to the larger group their

Residential Energy Efficiency

- Education about how you can save energy, such as program participation, city-sponsored events, behavior changes, and school events.
- Reminders about new appliances and technology to help save energy (e.g. smart thermostats, smart appliances).
- Incentives to install new appliances and smart technology, and incentives for those saving energy.
- Plant a tree on the west-side of your home campaign.
- Solar power opportunities for small devices.

Homes Built Before 1990

- Education and awareness about the benefits of energy efficiency, including health and comfort benefits.
- Advertising and marketing campaign to get the word out.
- Incentives to motivate actions, such as direct rebates, tax incentives, or other ways to motivate action.
- Shift to renewable energy.
- Lifestyle and behavior changes.
- Managing your entire property, including tree canopy and water usage that impact energy usage.

Renewable Energy

- Education and outreach on renewable energy, using infographics, step-by-step lists, and promotional materials with simple, easy to understand information.
- Building codes to accommodate renewable energy, and in some cases require renewable energy.
- Participating in programs that allow you to subscribe to renewable energy.
- Tax incentives or rebates for those who install renewable energy.
- Harnessing energy from unique sources, including bicycle power, cuckoo clock power, and turbines in water pipelines.
- Methane recapture from landfills and organic waste for renewable natural gas.

Multi-Family Buildings

- Education and outreach with flyers in multi-family buildings to educate tenants and property owners about saving energy and money.
- Renewable energy opportunities on the rooftop and side of buildings.
- Utilize renewable energy to power EV charging stations.
- Systems heating and cooling (e.g. district energy).
- Incorporate passive home ideas into multi-family buildings.
- Installing EV charging stations in multi-family parking.
- City-shared cost to buy-down programs and rebates that are not already discounted to benefit tenants.

- Incentives from the City to motivate participation.

Wrap-Up

Mike Holsinger, Partners in Energy community facilitator

See *slide 52*

Mike closed the workshop with a reminder for the remaining workshop dates:

- Workshop 4: Wednesday, February 19
- Workshop 5: Wednesday, March 24

Mike also reminded the team that the Partners in Energy Portal is available to review materials and results from other community campaigns.

Ideas for Other Small Group Discussion Activities

- Encourage out of the box ideas to ignite unique ideas.
- Discuss tactics and strategies Energy Action Teams in other communities have done.

Bike Rack Items

- None

Follow-up Items and Links

- [Home Energy Squad webpage and sign-up info](#)
 - [Minnetonka Special Offer \(\\$50 off Home Energy Squad Enhanced Visit\)](#)
- [Partners in Energy Portal](#)
 - Community campaign information
 - Community impact information
- [Community Solar Garden Information](#)
- [Other Renewable Energy Options](#)