

# Minnetonka Energy Action Plan

Summer 2020

Minnetonka is well-known as a beautiful community set among lakes, streams, wetlands, known for its stunning natural areas. Lesser known, however, is the City's deep-rooted commitment to sustainability and energy efficiency. Minnetonka believes that all community members, residents and businesses alike, can engage in opportunities to increase energy efficiency, save money, and stay comfortable.

Achieving this plan will help our community to sustain its sought-after resources and remain resilient as the community grows and changes.

## Vision

Minnetonka will be the community of choice for people who care about responsible energy stewardship.

**We will lead the metro in efficient energy management.**

## Goal

Reduce energy-related greenhouse gas emissions in Minnetonka by **160,000 metric tons of CO<sub>2</sub>** before the end of 2030—equivalent to removing over **35,000** passenger vehicles from the road for one year.

Between initiation of this plan and the end of 2030, the cumulative impact of achieving our goal will result in a **41% reduction** in greenhouse gas emissions compared to the three-year baseline.

## About this Plan

Residents, business leaders, City of Minnetonka staff, and utility representatives—leaders from all over our city—have worked together to create this Energy Action Plan with the help of Xcel Energy's Partners in Energy.

Partners in Energy supports communities like Minnetonka in developing and implementing their energy goals. Working together, the plan is unique to Minnetonka and charts the course toward an exciting energy future for our community.



**PARTNERS IN ENERGY**  
An Xcel Energy Community Collaboration



## Focus Areas

### Short-Term Focus Areas

Three focus areas were chosen by the team that will help us hit the ground running to achieve our goal:

#### Multi-Family Buildings

We will target multi-family properties in Minnetonka with more than five units, accounting for nearly **7,300** residences who will benefit from energy-efficiency upgrades and renewable energy support.

#### Residential Energy Efficiency

Single-family homes make up 66% of Minnetonka's housing stock. These homes will benefit from energy-efficiency improvements, particularly our many older homes, most **30+** years old.

#### Renewable Energy

Only **5%** of electric premises support renewable energy, leaving a lot of opportunity to increase use of renewable energy and reduce greenhouse gas emissions.

### Medium- and Long-Term Focus Areas

Two longer-term focus areas will also help to achieve Minnetonka's energy vision.

#### Business Outreach

Commercial and industrial premises represent only **8%** of premises but in 2018, consumed almost **50%** of all energy used in Minnetonka. We will focus our efforts on small and medium-sized businesses who have historically not participated in energy-saving programs.

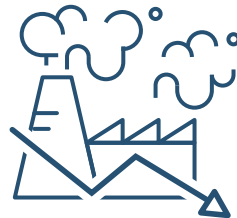
#### Electric Vehicle Adoption

According to industry journal, Automotive News, electric vehicle sales are expected to overtake internal combustion vehicle sales by **2030**.

This evolution in transportation offers great opportunities for cities like Minnetonka. These opportunities extend to fleet electrification of municipal vehicles as well as the those associated with increasing adoption of electric vehicles in the private sector.



In 2018, Minnetonka residents and businesses participated in energy efficiency programs over 3,800 times, saving nearly 1% of community energy use, or about \$1.2 million.



The impact of making renewable energy easy, familiar, and affordable will result in an estimated 105,500 metric tons of CO<sub>2</sub>e avoided cumulatively by 2030. This is the equivalent of the greenhouse gas emissions from one year of driving from 22,685 cars.



Minnetonka's homes are aging. 80% are over 30 years old, which makes them great candidates for energy efficiency upgrades.