

## Executive Summary

Eden Prairie has taken significant steps toward improving environmental sustainability and reducing carbon emissions. From its successful 20-40-15 initiative to the current Sustainable Eden Prairie program, Eden Prairie has taken proactive action and achieved measurable results. The Mayor's recent declaration of support for the Paris Climate Agreement represents significant leadership in setting a bold direction for the future, and this plan seeks to support that intention.

The purpose of this plan is to establish goals and strategies that lower energy use and increase renewable energy generation, driving Eden Prairie to achieve further greenhouse gas emission reductions. In addition to generating positive environmental impacts, this plan also seeks to engage community members and businesses in helping to reach Eden Prairie's goals.

The process to develop this Energy Action Plan was facilitated by Xcel Energy's Partners in Energy team. The planning team worked together to develop a set of goals and strategies that build on existing momentum to ensure Eden Prairie remains a sustainability leader in the future.

## Our Vision

Sustainable energy solutions for Eden Prairie.

## Our Guiding Principles

1. Encourage energy conservation and increased use of renewable energy, realizing energy cost savings and reducing our carbon footprint.
2. Identify solutions that are feasible, data-driven and cost-effective, and that produce measurable results.
3. Pursue inclusive engagement among all sectors of our diverse community.
4. Educate residents, businesses, and nonprofits to inspire ongoing change in habits.
5. Support business growth and future economic development.
6. Protect and preserve the environment and natural resources for future generations.

## How Will We Get There?

This plan prioritizes three focus areas to promote electricity and natural gas conservation:

- **Residential Energy**, which includes all Eden Prairie households, both homeowners and renters.
- **Large Commercial and Industrial Buildings**, which include the top 20 percent of commercial energy users.

- **Public, Nonprofit and Service Organizations**, which include City facilities, school district buildings, religious entities, nonprofits, private and charter schools, and medical and senior care facilities.

The goals and strategies outlined for each of these focus areas aim to reduce community-wide greenhouse gas emissions, with the goal of **reducing energy-related greenhouse gas emissions below the 2015 baseline 30 percent by 2025, and achieve an 80 percent reduction by 2050**. Achieving this goal will both improve the quality of life for Eden Prairie residents, and increase the economic vitality of Eden Prairie businesses.

### Residential Energy

**Goal:**

By 2025, 75 percent of households will participate in a renewable energy or energy efficiency program.

### Large Commercial & Industrial Energy Users

**Goal:**

By 2025, 50 percent of the largest commercial/industrial energy users will participate in Xcel Energy conservation programs over a standard three-year measuring period, which will result in an additional 7.5 incremental participants per year.

### Public, Nonprofit, and Service Organizations

**Goals:**

- By 2025, Eden Prairie public, nonprofit, and service organizations will reduce their energy use by 20 percent.
- By 2025, the City of Eden Prairie will support renewable energy development equal to 25 percent of its energy use.
- By 2025, the Eden Prairie School District will reduce its energy use by an additional 10 percent.
- By 2025, all Eden Prairie public, nonprofit, and service organizations will support renewable energy development equal to 10 percent of their energy use.

This Energy Action Plan outlines a series of specific strategies and actions to meet these goals, as well as multiple opportunities for members of the community to support implementation. A more detailed action plan and timeline can be found in Appendix 7.