



Lone Tree Energy Action Plan

Our Commitment

Creating and maintaining a healthy, safe, and livable community for today and future generations is something the City of Lone Tree (City) has prioritized since incorporating in 1995. Building on this foundation, this Energy Action Plan was developed in 2021 with a group of community stakeholders representing City staff, residents, and businesses. Over the course of six months, this Planning Team participated in a series of four workshops facilitated through Xcel Energy's Partners in Energy program. Through this process, the Planning Team defined the community's energy vision and goals, as well as strategies for achieving those goals.

Our Energy Goals

By June 2023, Lone Tree will...

- ✓ Increase participation in energy saving programs by 45 percent from 2020 levels (350 additional program participants).
- ✓ Save 6,200 MTCO_{2e} annually from energy saving activities, equivalent to 3.8 percent of its 2020 building energy-related emissions.

Achieving Lone Tree's Vision and Goals: 4 Focus Areas, 9 Strategies:



Municipal Operations

- ✓ M-1: Municipal Facility Energy Assessments & Improvements
- ✓ M-2: Renewable Energy for Municipal Facilities



Residents

- ✓ R-1: Residential Energy Education
- ✓ R-2: Multifamily Property Outreach
- ✓ R-3: Home Energy Squad[®] Buy-Down Campaign



Businesses and Institutions

- ✓ B-1: Business Energy Assessment Outreach
- ✓ B-2: Sustainable Business Program



New Construction

- ✓ N-1: Targeted Developer and Builder Outreach
- ✓ N-2: Sustainable Energy Construction Guidelines and Codes

Our Energy Vision

The Lone Tree community is committed to collaborating toward a sustainable future that provides equitable access to renewable energy and energy efficiency.



2020 Energy Profile

The Planning Team used historic energy use to inform goal and strategy development, and set 2020 as its baseline. In 2020, the Lone Tree community:

- ✓ Consumed 242.7 million kWh of electricity
- ✓ Consumed 8.8 million therms of natural gas
- ✓ Contributed more than 161,000 metrics tons of carbon dioxide equivalent (greenhouse gas emissions) from energy
- ✓ Spent \$27 million on energy costs

By implementing this plan, we will,



Engage with over **6,900 residents and businesses** on Xcel Energy programs



Increase the number of residents and businesses who participate in Xcel Energy programs to a **total of 1,200**



Save **7.6 million kWh** of electricity and **111,500 therms** of natural gas



Save over **7,100 metrics tons** of carbon dioxide equivalent (greenhouse gas emissions)



Save **\$764,000** in Lone Tree's community energy costs

Interested in supporting this plan? Here's how you can help!

- ✓ Residents can sign up for a Home Energy Squad® visit to identify savings opportunities at home and receive FREE energy efficiency products. Visit xcelenergy.com/HomeEnergySquad to learn more.
- ✓ Businesses can sign up for a FREE energy assessment that may include FREE direct installation of energy efficiency products. An energy specialist will help identify efficiency improvement opportunities and work with businesses to identify equipment rebates. Visit xcelenergy.com/SBES to learn more.
- ✓ Interested in renewable energy? Visit xcelenergy.com/renewables to learn more about Xcel Energy's low-cost renewable energy program options for residents and businesses.