



City of Thornton Energy Action Plan

Our Commitment

The city of Thornton has committed to leading the way in creating a more resilient community through energy efficiency improvements and the adoption of energy sources that reduce carbon emissions from municipal operations while also facilitating equitable access to energy programs and opportunities for residents and businesses. In the short-term (2020-2022), this plan will “move the needle” on a community scale through energy efficiency improvements and promotion of renewable energy sources. In the long-term, this plan will help Thornton align with the State of Colorado’s climate commitments.

About this Plan

Representatives from the city of Thornton, Adams 12 School District, United Power, and GRID Alternatives have worked together to create an Energy Action Plan with the help of Xcel Energy’s Partners in Energy. Partners in Energy supports communities like Thornton in developing and achieving their energy goals. The full plan is available online at ThorntonSustainability.com/thornton-initiatives.html.

Starting Point: 2018 Community Energy Use



Consumed 718 million kWh of electricity



Consumed 38 million therms of natural gas



Spent a combined \$89 million on energy



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Our Priorities: Your Support

The plan has four focus areas, each with opportunities to participate!

City Facilities

The city will lead by example with:

- ✓ Lighting upgrades
- ✓ Water system process efficiency projects
- ✓ Solar photovoltaic projects
- ✓ Promoting energy awareness and training for city staff

Institutions

We'll partner with institutions in Thornton to:

- ✓ Promote energy awareness
- ✓ Promote programs that can be used to identify new energy projects

Residents

We're encouraging Thornton residents to:

- ✓ Participate in a Home Energy Squad® visit
- ✓ Participate in energy education workshops
- ✓ Learn about renewable energy programs

Businesses

We'll connect Thornton businesses with energy efficiency opportunities through:

- ✓ A business lighting campaign
- ✓ Targeted engagement efforts
- ✓ Outreach with business groups

By reaching this plan's near-term targets, we will:



Save more than **2 million kWh** of electricity



Complete **20+** energy projects at city facilities



Increase energy efficiency and renewable energy program participation by **30%**



Reduce greenhouse gas emissions by **126,300 MT CO₂e** each year — the equivalent of taking **27,000** vehicles off the road!¹

¹<https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>



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