

# Town of Nederland Energy Action Plan



## Our Commitment

The Town of Nederland strives to be a leader in sustainability to help preserve the wilderness, which the community values and relies on for its economic health. The community has set a goal of transitioning to 100% renewable energy for the community's electricity supply by 2025, along with other sustainability goals, such as promoting zero waste practices and low-carbon transportation. This commitment will help reduce energy costs, increase awareness, and promote long-term resiliency throughout the community.

## About this Plan

The Sustainability Advisory Board and community stakeholders, including Town and county staff, local businesses, and school district staff, worked to develop this plan with the help of Xcel Energy Partners in Energy. This plan focuses on promoting commercial and residential energy efficiency to supplement ongoing renewable energy initiatives to help meet the Town's renewable electricity goal.

Partners in Energy supports communities like the Town of Nederland in developing and implementing their energy goals.

## Starting Point: 2018 Energy Use



Consumed  
**32 GWh**  
of electricity<sup>1</sup>



Consumed  
**918 thousand**  
therms of natural gas



Spent a combined  
**\$3.5 million** on energy

*<sup>1</sup>Subject to 15x15 data privacy rules mandated by the Colorado Public Utilities Commission*



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## Our Priorities — Your Support

The energy action plan has two focus areas, with opportunities for the entire community participate!

### Residential

We encourage Nederland homeowners take one action to improve the energy efficiency of their homes. These actions include the following:

- ✓ Completing a home energy audit
- ✓ Taking advantage of other energy-saving programs and rebates from Xcel Energy
- ✓ Participating in a home weatherization program (low-income)
- ✓ Completing a custom energy efficiency project

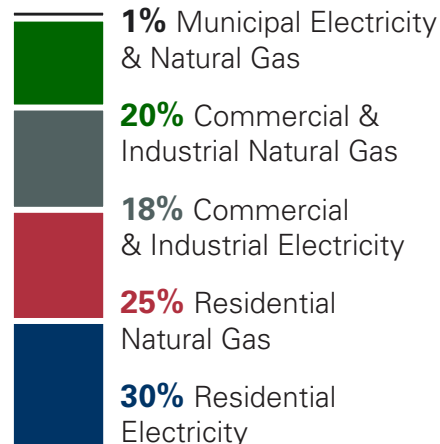
### Business

We also encourage small business owners to improve energy efficiency through these activities:

- ✓ Joining the Nederland Green Business recognition program
- ✓ Taking advantage of Xcel Energy programs, including rebates on commercial refrigeration equipment




## 2018 Nederland Total Energy (kBtu) Consumption<sup>2</sup>



<sup>2</sup>Due to rounding, total does not add up to 100%

## By achieving this plan's goals, we will:

 Save over **61 MWh** of electricity across the Nederland community



Increase efficiency rebate program participation by **76%**



Prevent **63 MT CO<sub>2</sub>e** from being released into the atmosphere – the equivalent of planting over **1,000 trees<sup>3</sup>**

<sup>3</sup><https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>



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