

## Executive Summary

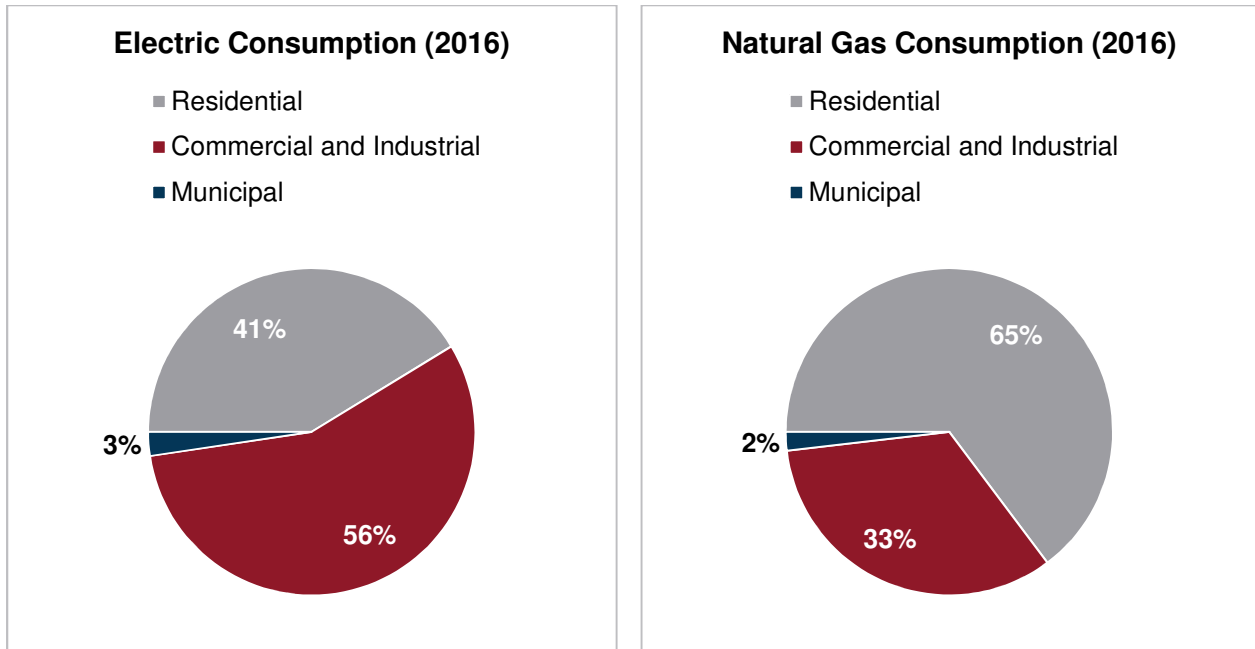
Rosemount is projected to grow significantly in the coming decades, and is committed to ensuring that growth is sustainable. Over the past few years, Rosemount made initial progress toward this end through a variety of actions. This plan represents renewed goals and priorities that will help propel Rosemount toward a more sustainable and affordable energy future. It offers a clear direction, based in data-informed decisions made by members of the Rosemount community.

Rosemount's Energy Action Plan sets measurable targets that will reduce energy use and save on energy costs, and outlines action steps to achieve them. The Rosemount Environment and Sustainability Task Force (REST) and City staff will lead implementation of this plan, with active engagement from residents, businesses and schools, as well as faith-based and community organizations. Working together, Rosemount will achieve environmental, social, and economic progress that will ultimately benefit future generations.



## Community Energy Use

Rosemount is served by four utilities – Xcel Energy and Dakota Electric provide electricity, and Xcel Energy, Minnesota Energy Resources, and CenterPoint Energy provide natural gas service. While residences in Rosemount comprise the vast majority of premises, or locations of electricity or natural gas service, commercial and industrial customers consumed the majority (55 percent) of overall energy in 2016. Municipal facilities represent about 2 percent of the community's total energy consumption.



### Our Vision

Our vision is that Rosemount will continue to foster pride in the community by becoming a leader in sustainability and energy conservation. Residents and businesses will demonstrate widespread support for renewable energy generation, as well as new, smart efficiency technologies. Energy efficiency will help the City of Rosemount and its residents save money, and broad community participation will ensure that savings benefit all. As a result, energy costs are kept low, ensuring the community remains affordable in the long-term.

### Community-Wide Goal

Rosemount's overall energy goal, which addresses both electricity and natural gas use, is to **reduce energy use by 5 percent by 2020, and 15 percent by 2030**. To achieve this goal, Rosemount identified four key areas of focus: Residential energy, municipal energy, large energy users, and small- and medium-size businesses. In addition to the community-wide goal, specific goals and targets were set for each of these four areas. Over the next 18 months, Rosemount will take initial steps to achieve these goals with the support of Xcel Energy's Partners in Energy.

## Focus Area Goals

<b>Residential Energy</b>	<b>Goal:</b> <ul style="list-style-type: none"> <li>• Increase residential program participation 5% in year 1, and 10% in year 2 of implementation</li> </ul>
<b>Municipal Energy</b>	<b>Goals:</b> <ul style="list-style-type: none"> <li>• Reduce City energy use 10% by 2020</li> <li>• Generate 75% of the City's energy with renewables</li> </ul>
<b>Large Energy Users</b>	<b>Goal:</b> <ul style="list-style-type: none"> <li>• 85% of the top 20% of energy users participate in energy conservation by 2020</li> </ul>
<b>Small and Medium-size Business</b>	<b>Goals:</b> <ul style="list-style-type: none"> <li>• Reduce small- and medium-size business electricity use by 2% per year</li> <li>• 25 small- and medium-size businesses participate in natural gas conservation programs</li> </ul>

## Impact

Rosemount spent an estimated \$28.7 million on energy across all sectors in 2016. Achieving all of the community's energy goals will save Rosemount residents and businesses more than \$1 million over the next three years. It will also reduce the community's annual carbon footprint by more than 19,000 metric tons of carbon dioxide equivalent (MTCO<sub>2e</sub>), approximately equivalent to the carbon emitted from 4,100 passenger vehicles in one year.<sup>1</sup> In addition, achieving Rosemount's energy goals will form new and lasting partnerships to support action. Outreach and events will raise awareness about energy and cost saving opportunities. This will result in long-term, active participation from a broad array of community members.

<sup>1</sup> US Environmental Protection Agency (March 13, 2018). Greenhouse gas equivalencies calculator. Retrieved from <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>