

OUR VISION

# NET-ZERO ENERGY PROVIDER

by 2050







**Commitments across all  
the ways we're leading the  
clean energy transition,  
while maintaining reliable,  
affordable service**



**100%**  
Carbon-free  
Electricity  
by 2050



**Net-Zero**  
Natural Gas  
by 2050



**1.5**  
Million EVs  
by 2030



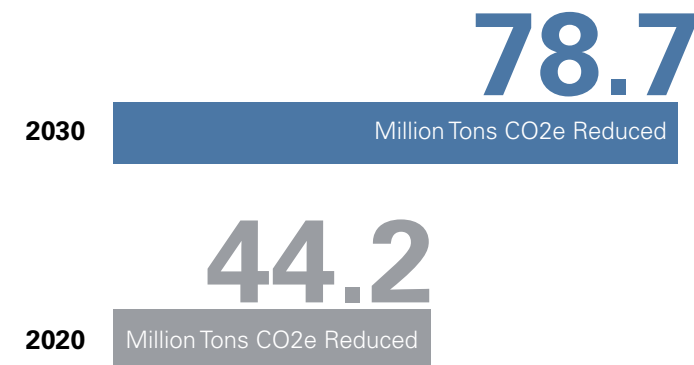
**\$**  
Keep Bill  
Increases At or  
Below Inflation

Our Vision

# We expect to cut carbon output nearly 80 million tons by 2030—equivalent to the carbon removed by 1.2 billion trees

Xcel Energy is the only major U.S. energy provider to announce a comprehensive vision with aggressive goals for reducing greenhouse gas emissions across three large parts of the economy: electricity, natural gas use in buildings, and transportation

Delivering Progress  
Cumulative Emission Reductions 2005-2030\*



\*Includes projected greenhouse gas reductions associated with Xcel Energy's 2030 goals for electricity, natural gas and electric vehicles

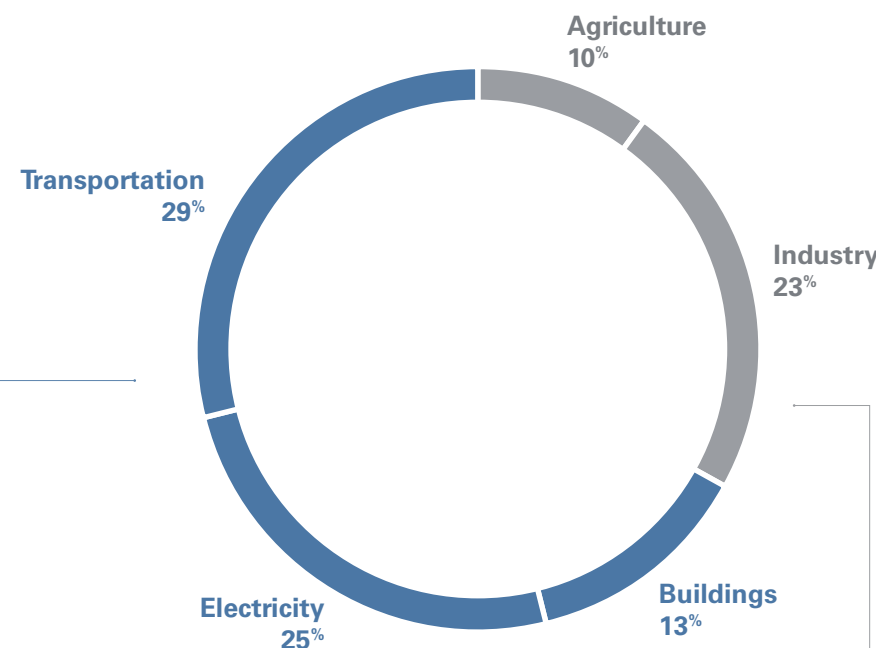


# Our actions lower emissions across the entire economy

Directly, through initiatives that achieve our goals for cleaner electricity and gas service, as well as electric vehicles

Indirectly, through clean energy customer offerings, purchasing certified low-emissions natural gas, and potentially securing carbon offsets

Sources of U.S. Greenhouse Gas Emissions\*  
in the Economy



\*Source: U.S. Environmental Protection Agency



# Electricity Goal

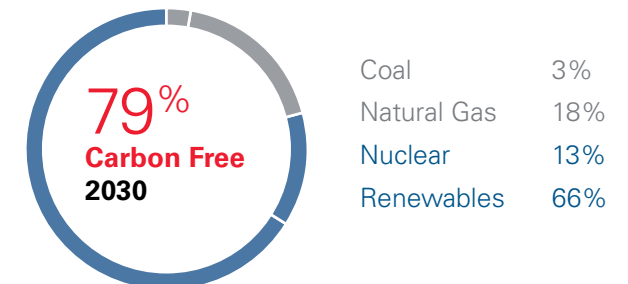
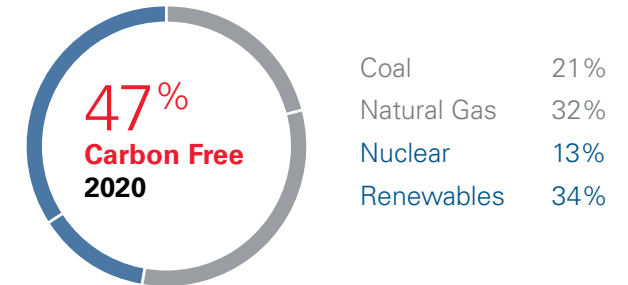
Reduce carbon emissions 80% by 2030  
(from 2005 levels), on our way to delivering  
100% carbon-free electricity by 2050



# We expect nearly 80% of our power to come from carbon-free sources by 2030

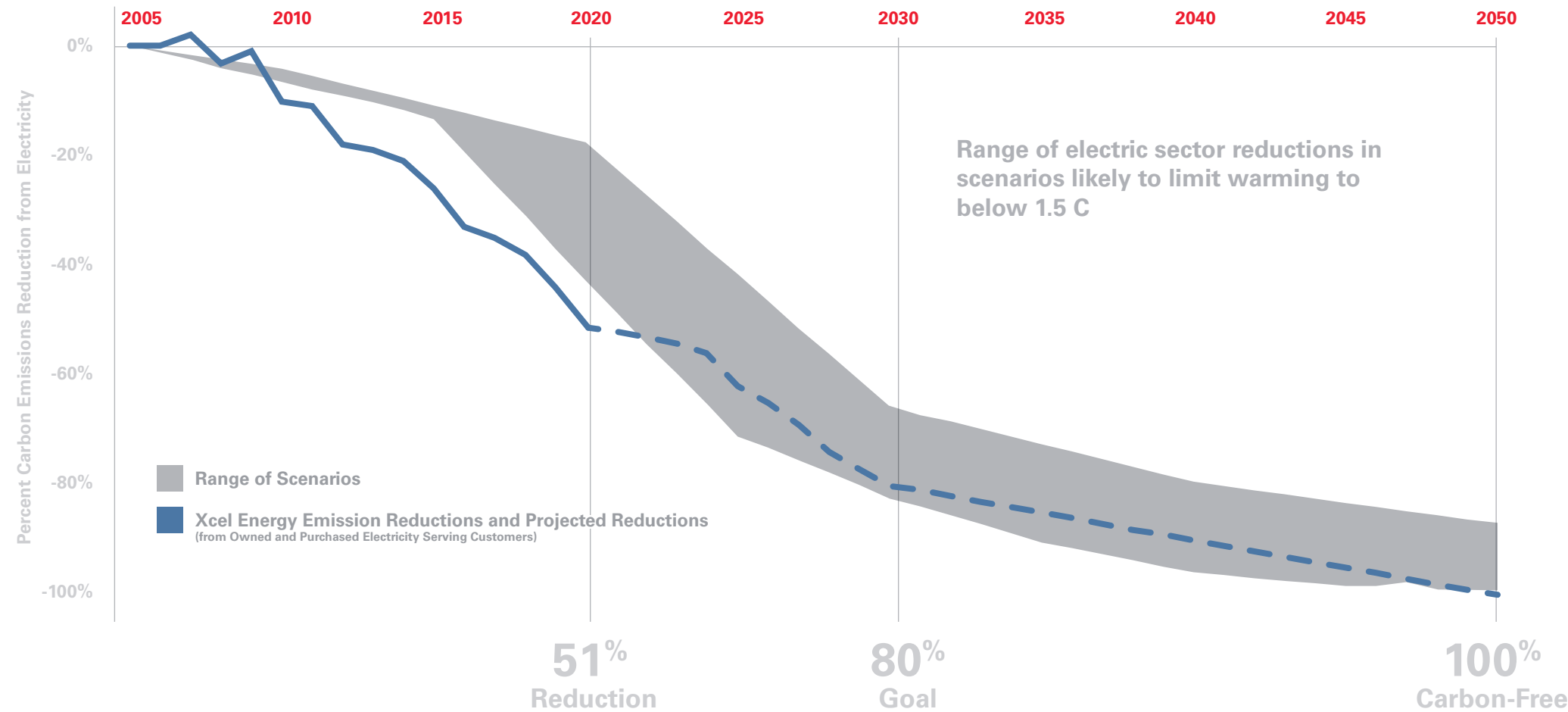
We're working with policymakers, researchers and others to develop the zero-carbon 24/7 power technologies for eliminating the last 20% of carbon emissions on the energy grid by 2050

## Delivering Increasingly Cleaner Electricity



0%  
Coal by  
2040

Xcel Energy's Carbon Emissions Trajectory for Electricity Aligns with Scenarios Likely to Limit Warming to 1.5 Degrees Celsius



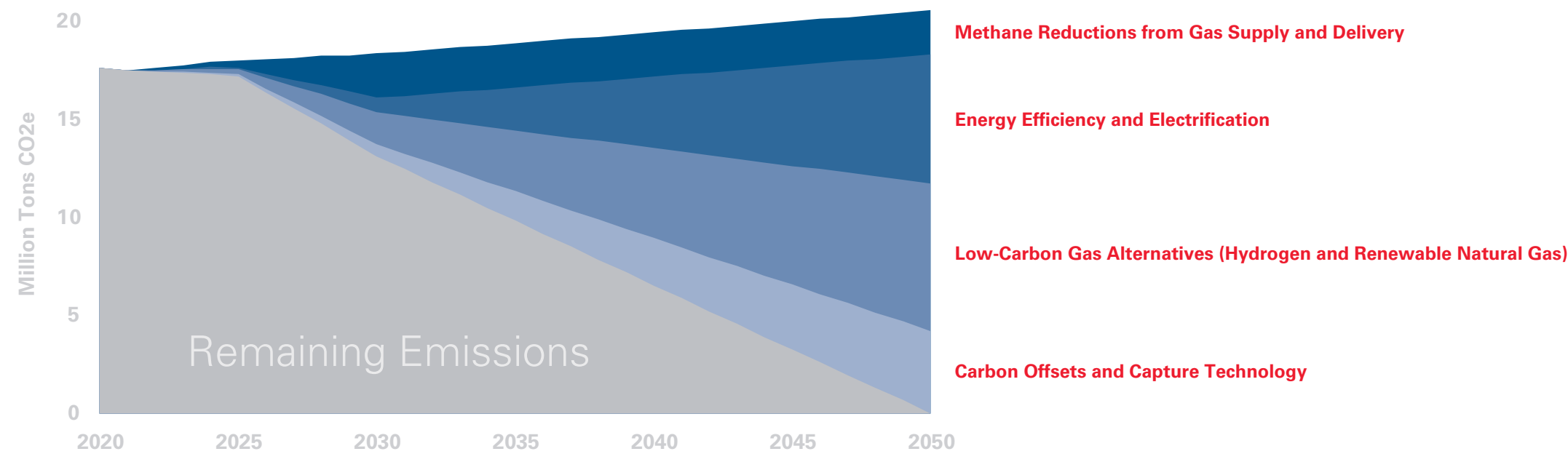




# Natural Gas Goal

Achieve net-zero methane emissions on our system and reduce greenhouse gas emissions 25% by 2030 (from 2020 levels), on the way to providing net-zero gas service by 2050

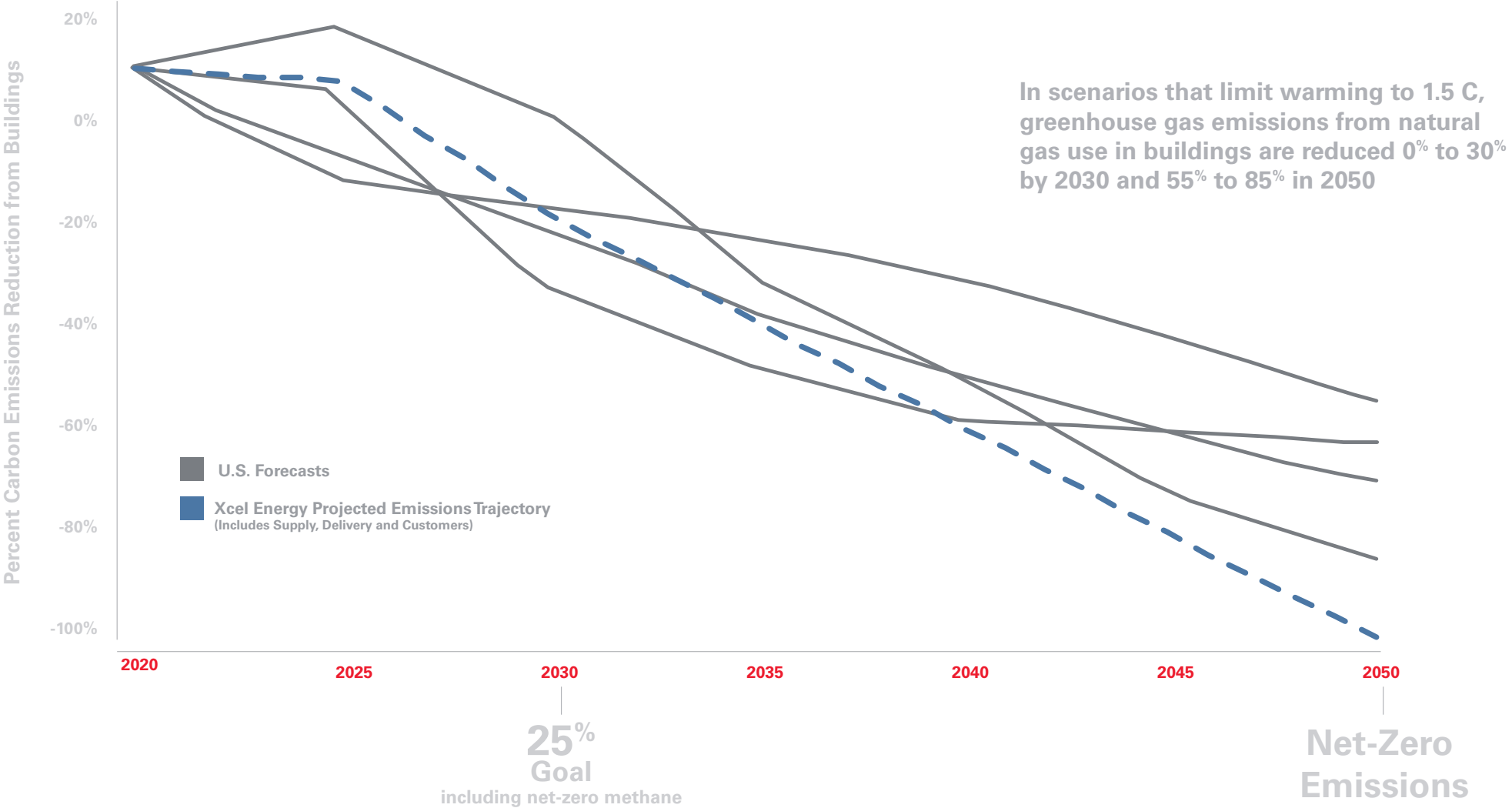
### Strategies for Delivering Net-Zero Gas Service by 2050



This illustration is an example of the possible paths Xcel Energy will take to achieve net-zero gas service by 2050; we will develop specific plans working with our states



# Xcel Energy's Net-Zero Vision for Gas Aligns with Scenarios Likely to Limit Warming to 1.5 Degrees Celsius





# Transportation Goal

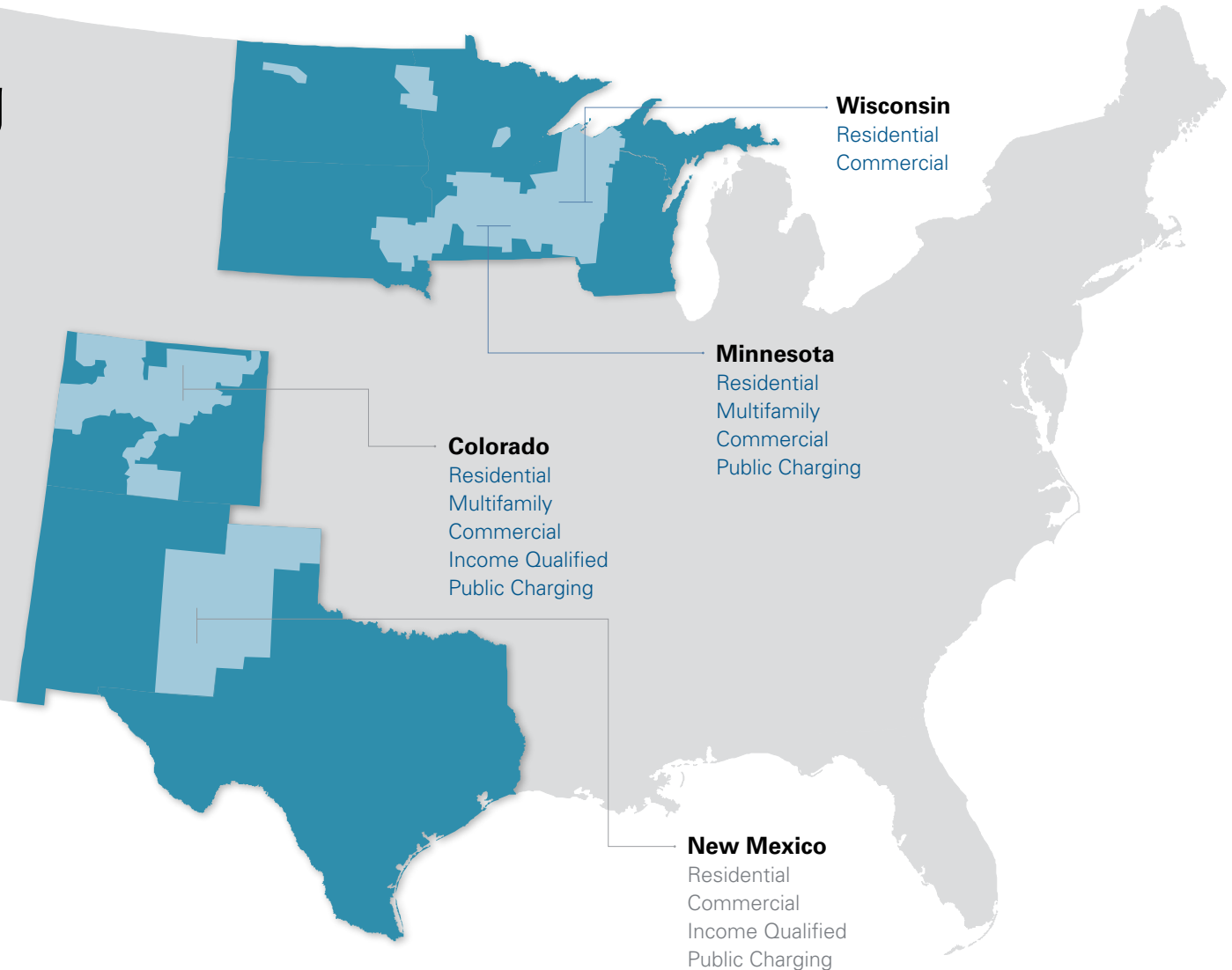
Power 1.5 million electric vehicles in the states we serve by 2030





**We're rolling out innovative programs with the goal of raising awareness, reducing up-front costs and making it easier for customers to charge electric vehicles on low-cost, low-carbon energy**

Providing EV Programs for all Customers

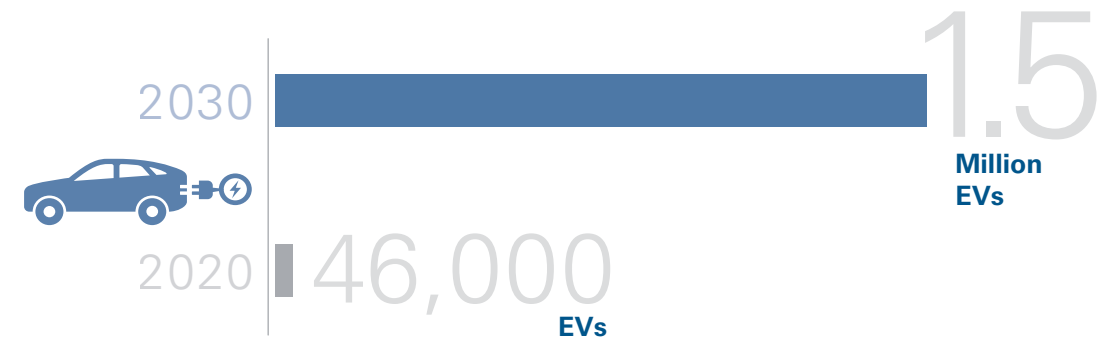


**An electric vehicle powered by Xcel Energy today is 58% cleaner than a conventional car, and by 2030, it will be 84% cleaner**

Under our vision, 20% of vehicles in our service area will be replaced with EVs by 2030, which aligns with climate studies that indicate 35% to 65% of vehicles must use low-emissions energy by 2050 to limit warming to 1.5 degrees Celsius\*

Vision to Power 1.5 Million Electric Vehicles by 2030

Results to Date



\* Source: Intergovernmental Panel on Climate Change Special 1.5-degree Report

Learn more about Xcel Energy's  
clean energy transition in our  
annual [Sustainability Report](#)

