



SERVING DENVER'S POWER GRID

CLEAN, SAFE, RELIABLE

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Community Relations

November 13, 2023



Xcel Energy

Serving eight states

3.7 million electricity customers

2.1 million natural gas customers

Nationally recognized leader:

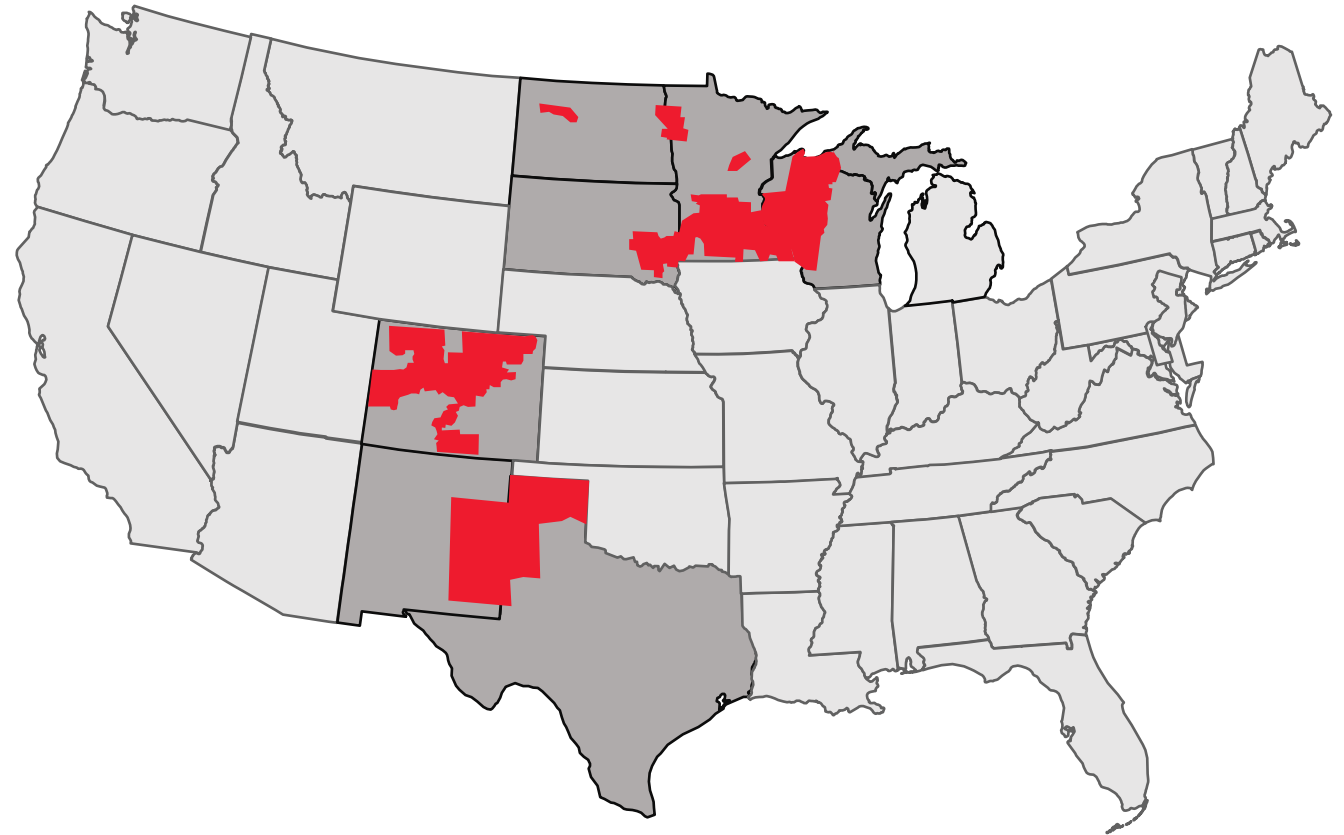
Wind energy

Energy efficiency

Carbon emissions reductions

Innovative technology

Storm restoration





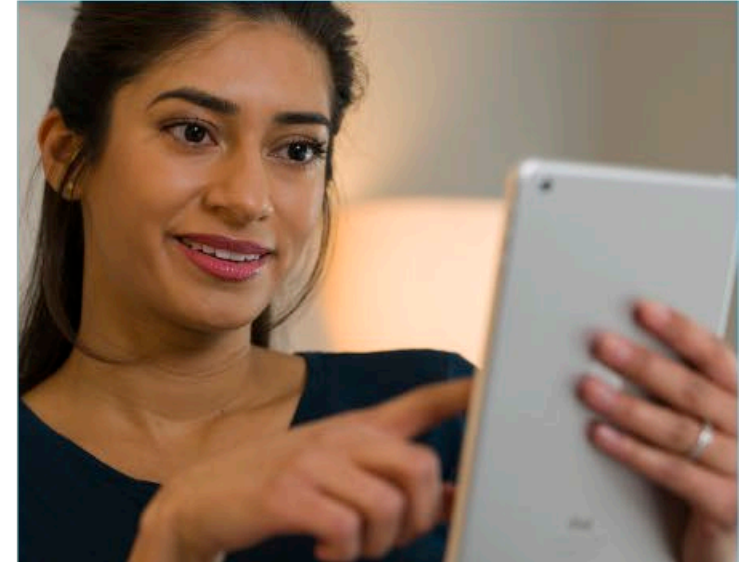
Xcel Energy Priorities



**Lead the Clean
Energy Transition**



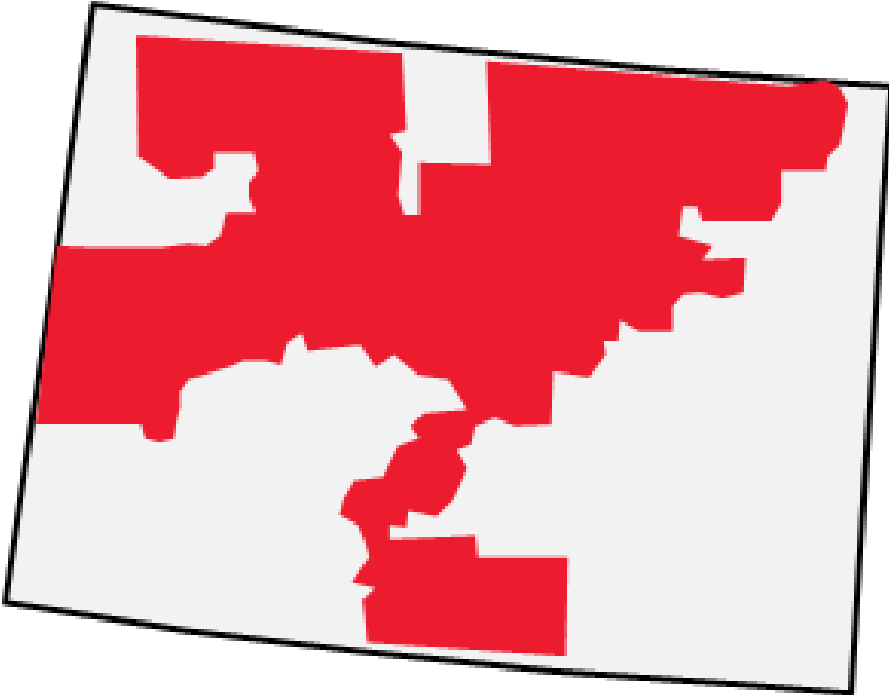
**Enhance the
Customer Experience**



Keep Bills Low



Colorado Customers



**1.6 million
Electric
Customers**



**1.5 million
Natural Gas
Customers**



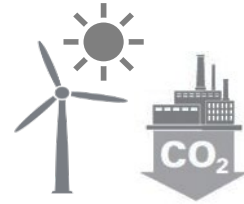
**99.98%
Electric
Reliability**

Data based on 2022 Sustainability Report. To view full report: xcelenergy.com/sustainability



Xcel Energy's Comprehensive Clean Energy Strategy

Clean energy across all the ways we power people's lives



100% Carbon-Free Electricity



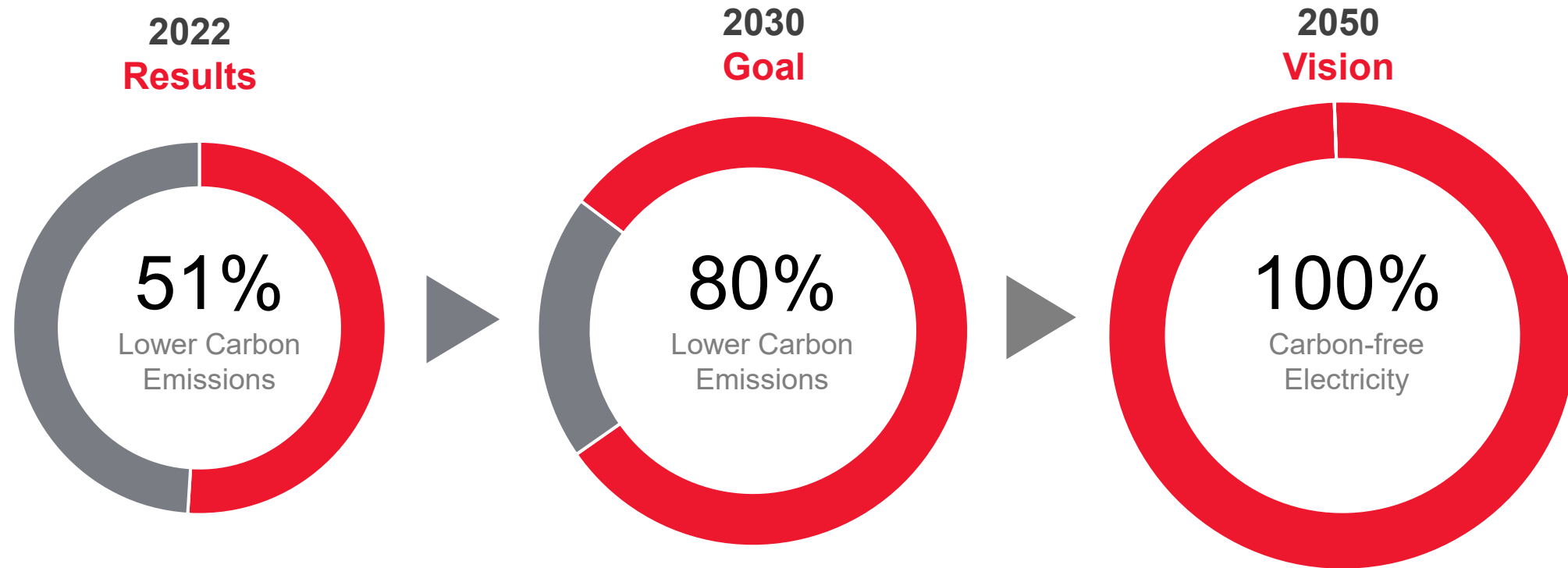
Net-Zero Natural Gas



1.5 Million EVs



A Bold Vision for a Carbon-free Future



Company-wide carbon emissions reductions from serving our customers, compared to 2005

2050 Net-Zero Vision for Natural Gas

25% net reduction in greenhouse gas emissions by 2030

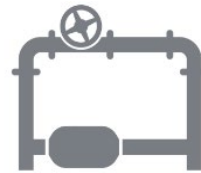
Natural Gas Suppliers



Influence natural gas suppliers

Purchase exclusively natural gas with certified low-methane emissions by 2030

Xcel Energy System



Operate the cleanest system possible

Achieve net-zero methane emissions by 2030

Customers



Offer more options and choice

New and expanded voluntary programs

Clean Transportation Vision

Our Vision is to enable one out of five vehicles in the areas we serve to be electric by 2030 and all vehicles to run on carbon-free electricity or other clean energy by 2050



ZERO CARBON ENERGY

Provide the fueling infrastructure and energy system to run all vehicles on carbon-free electricity or other clean energy



EASY CHARGING

All customers can conveniently access affordable EV charging at home or within one mile of home



ACCESS

Underserved communities can participate in our programs and the related economic development benefits



XCEL ENERGY FLEET

Our entire fleet runs on carbon free electricity or other clean energy



Powering the Colorado Economy



**\$448 million
spent in local
economies**



4,000+ jobs

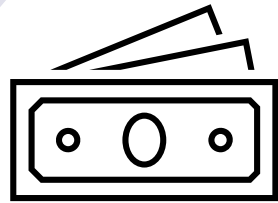


**\$130 million
spent with
diverse
suppliers**



**\$233 million
in property
taxes**

2022 CO GIVING & VOLUNTEERISM



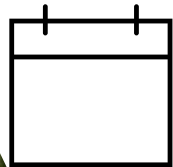
\$3.1M
\$1.2M

Company and Foundation Contributions
Employee and Retiree Contributions



25,000
2,500
259
\$754K
5,900
6,800

Volunteer Hours
Volunteers
Nonprofits Served
Economic Impact
Hours Volunteered through VPTO
Hours Volunteered through Dollars for Doing



Day of Service

4,500
1,500
43

Volunteer Hours
Volunteers
Nonprofits Served



Board Service

153
7,600

Community Boards
Volunteer Board Hours



COLORADO CLEAN ENERGY PLAN





Colorado Clean Energy Plan



Reduce carbon emissions more than 80% by 2030 (from 2005 levels)



Add unprecedented amounts of renewable energy to the grid



End our use of coal by the end of 2030

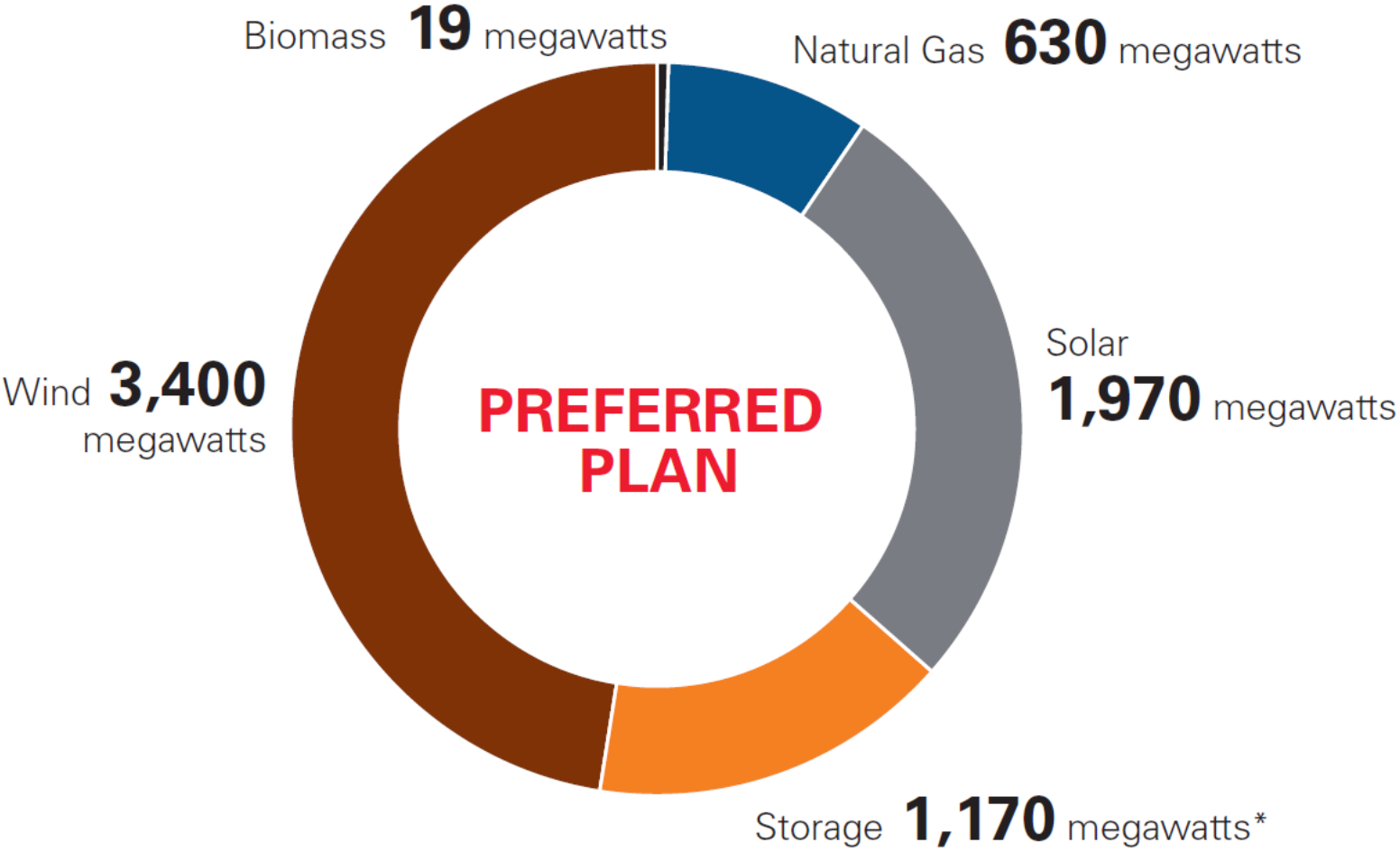


Drive investment and economic development across the state



Provide a just transition for communities with retiring coal plants

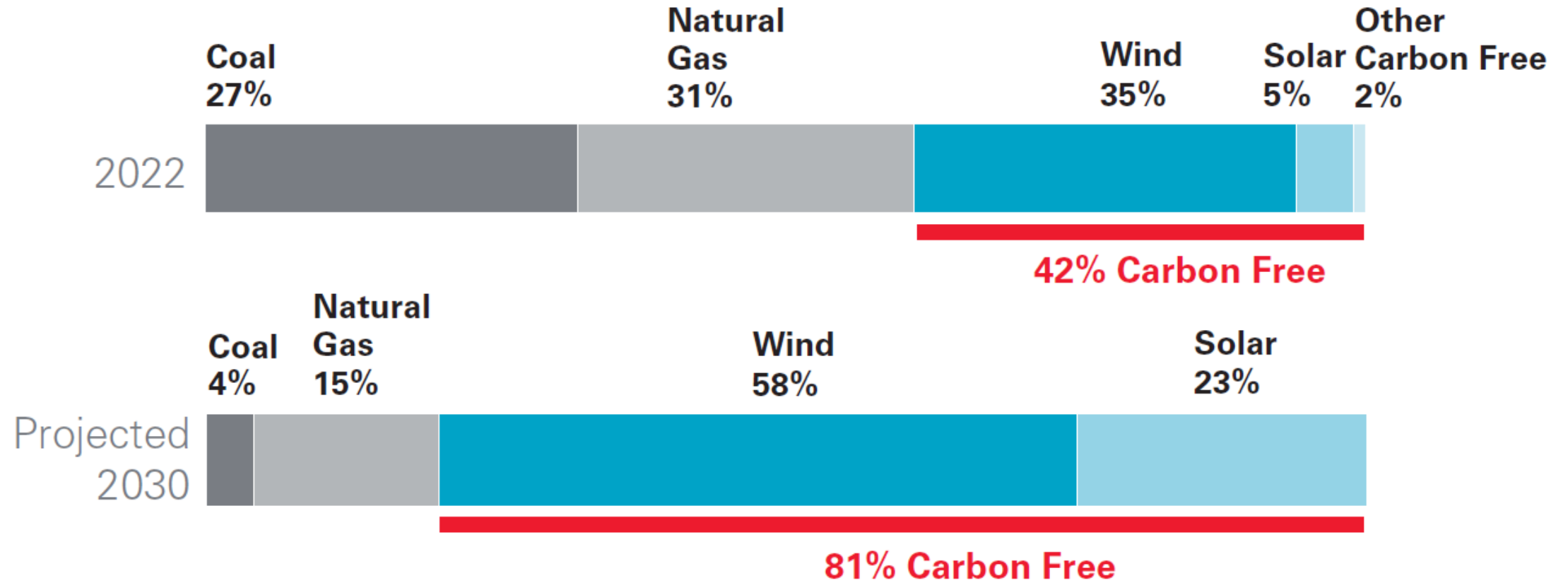
Preferred Plan: New Generation Capacity Mix



*Includes capacity from both stand-alone storage and solar plus storage resources

A Cleaner Energy Mix

Colorado electricity sources





XCEL ENERGY AND CITY OF DENVER

FRANCHISE AGREEMENT

KEY INITIATIVES





Franchise Expiring December 31, 2026

- Franchise is allowed by Charter to allow exclusive access to Right of Way in order to provide services within Denver
- A 20-year contract with CCD to provide electric and gas
- Required to be voted on by Denver voters

Addendums to the Franchise

- Streetlight Agreement: Xcel owns and maintains 57,557 in Denver
- Denver International Airport Operating Agreement

Energy Future Collaborative Partnership with City and County of Denver

- Initiated by Mayor Michael Hancock and finalized through a Memorandum of Understanding (MOU)
- 3-year (2022-2025) workplan includes three working groups and one core group that meet monthly





A FEW KEY INITIATIVES FOR DENVER

- **National Western Stock Show**
 - Poder Substation – Relocations of Wires and Poles – Ambient Loop
- **Safety Partnerships**
 - Parks and Rec Lighting
- **Land Development Partnerships**
 - Denver Housing Authority
 - Zuni





OUR FOCUS ON THE FUTURE IN DENVER

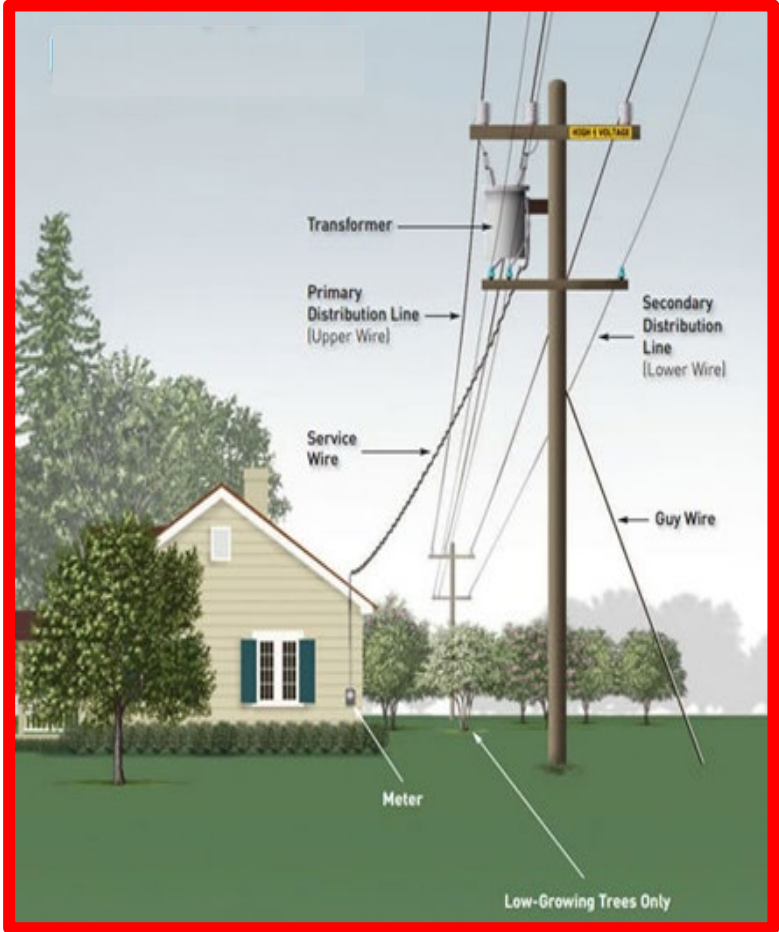


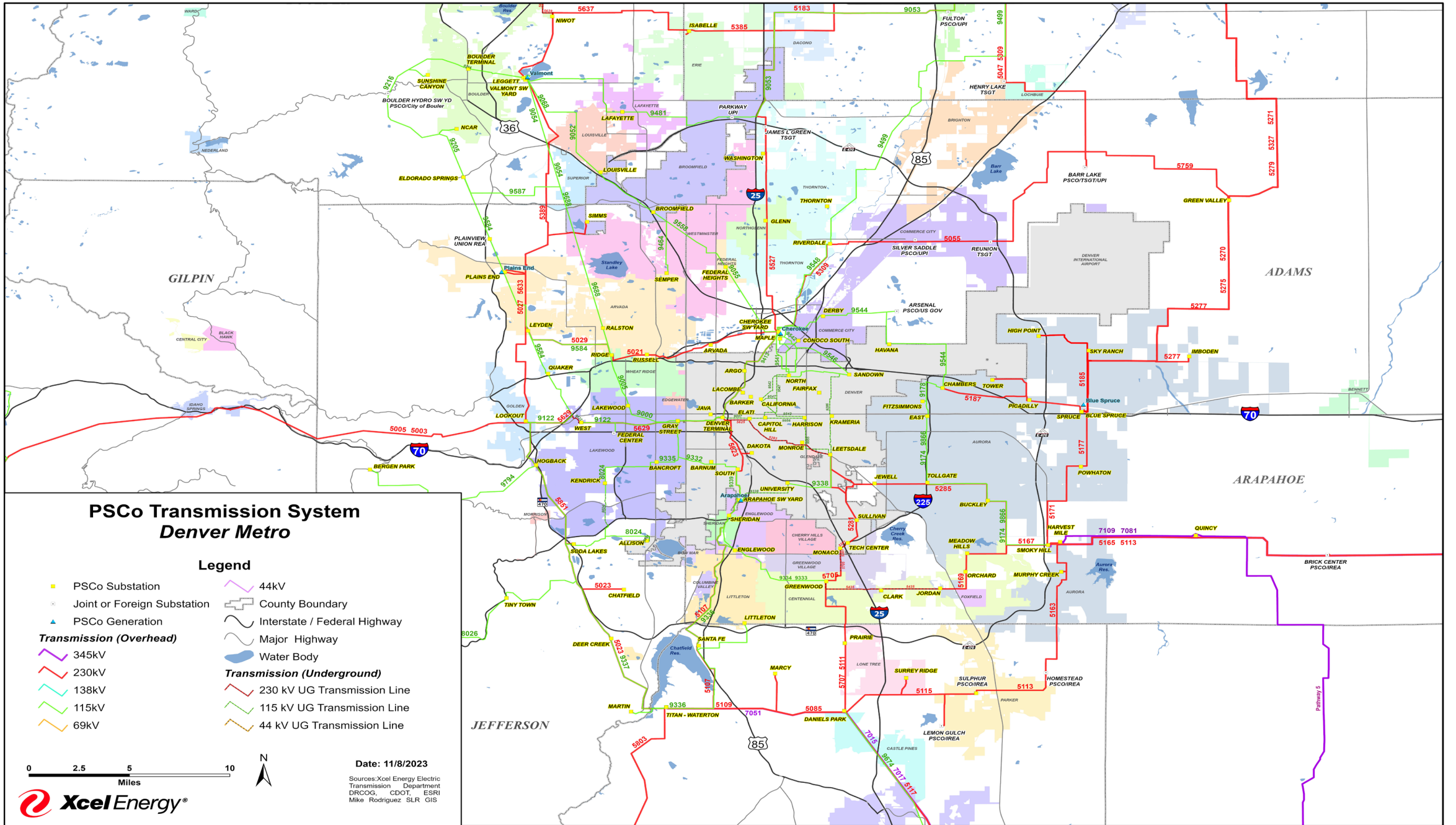


Investment into Transmission and Distribution Infrastructure

- Growth and Electrification needs more infrastructure:
 - Substations
 - Transmission
 - Distribution
- Condensed Areas for Infrastructure

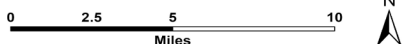
The Electric Grid





PSCo Transmission System Denver Metro

- Legend**
- PSCo Substation
 - Joint or Foreign Substation
 - ▲ PSCo Generation
 - Transmission (Overhead)**
 - 345kV
 - 230kV
 - 138kV
 - 115kV
 - 69kV
 - 44kV
 - ▭ County Boundary
 - Interstate / Federal Highway
 - Major Highway
 - Water Body
 - Transmission (Underground)**
 - 230 kV UG Transmission Line
 - 115 kV UG Transmission Line
 - 44 kV UG Transmission Line



Date: 11/8/2023
 Sources: Xcel Energy Electric Transmission Department
 DIRCOG, CDOT, ESRI
 Mike Rodriguez SLR GIS



Distribution Value Realization



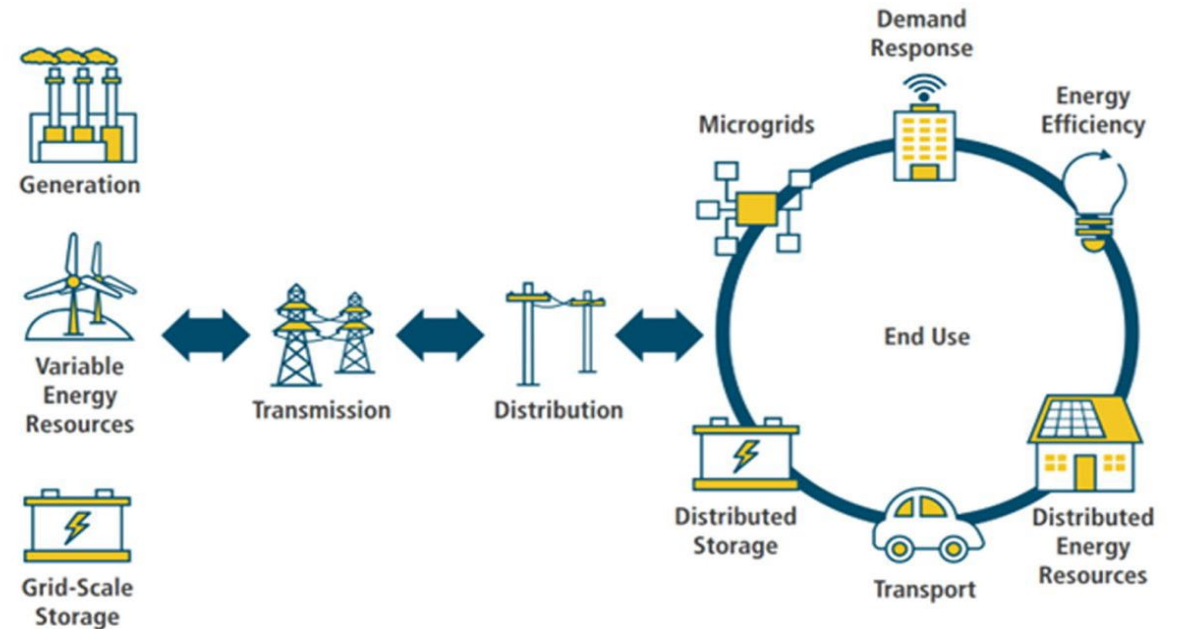
Regulatory, Customer, and Community Alignment

Local Grid of the Future

Ensuring Reliability and Resiliency

Xcel Energy is proposing filing an overview with PUC by March 2025. This filing may include goals and needs for:

- Beneficial electrification
- Distributed generation interconnected to the system
- Projected number of electric vehicles in the utility's service territory
- Customer-sited storage interconnected to the system
- Technologies, resources or programs to optimize the operation of the power system
- Reinvestment in aging distribution infrastructure





WHAT CAN WE DO BETTER?



