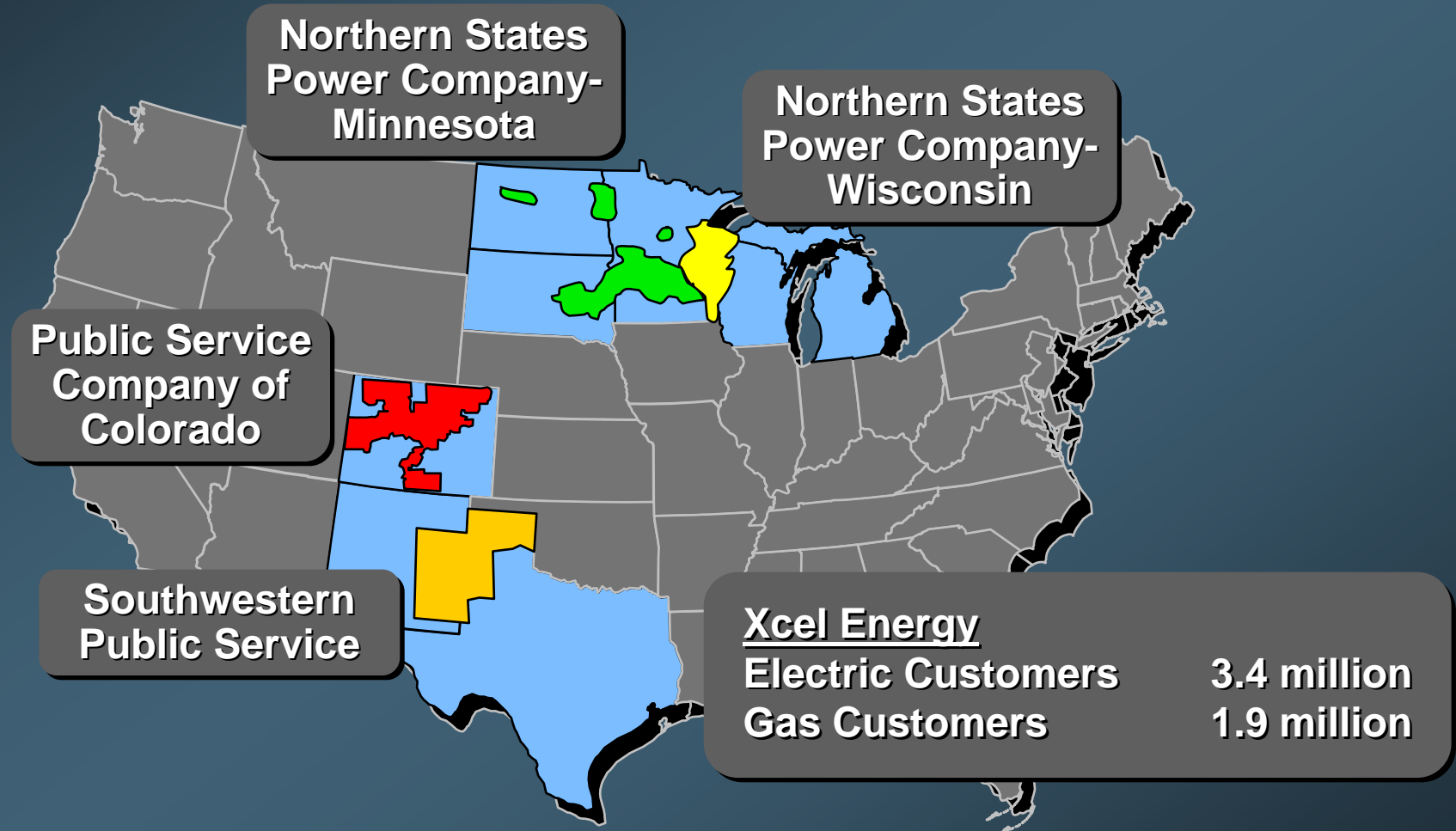




RESPONSIBLE BY NATURE™

our clean energy future

advanced technology. energy efficiency. business innovation.





Leadership

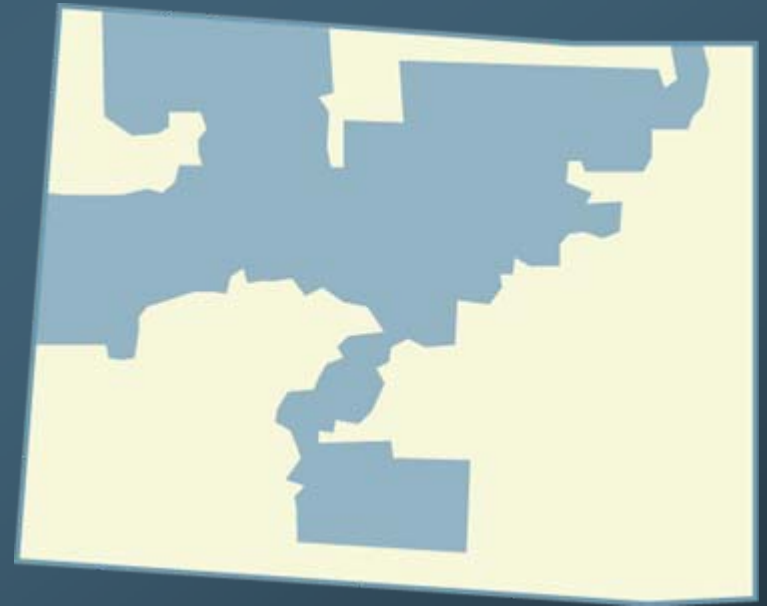
- ▶ **#1 wind energy provider**
- ▶ **#5 in U.S. for solar capacity**
- ▶ **Member, Dow Jones Sustainability Index for North America three consecutive years**





Public Service Company of Colorado

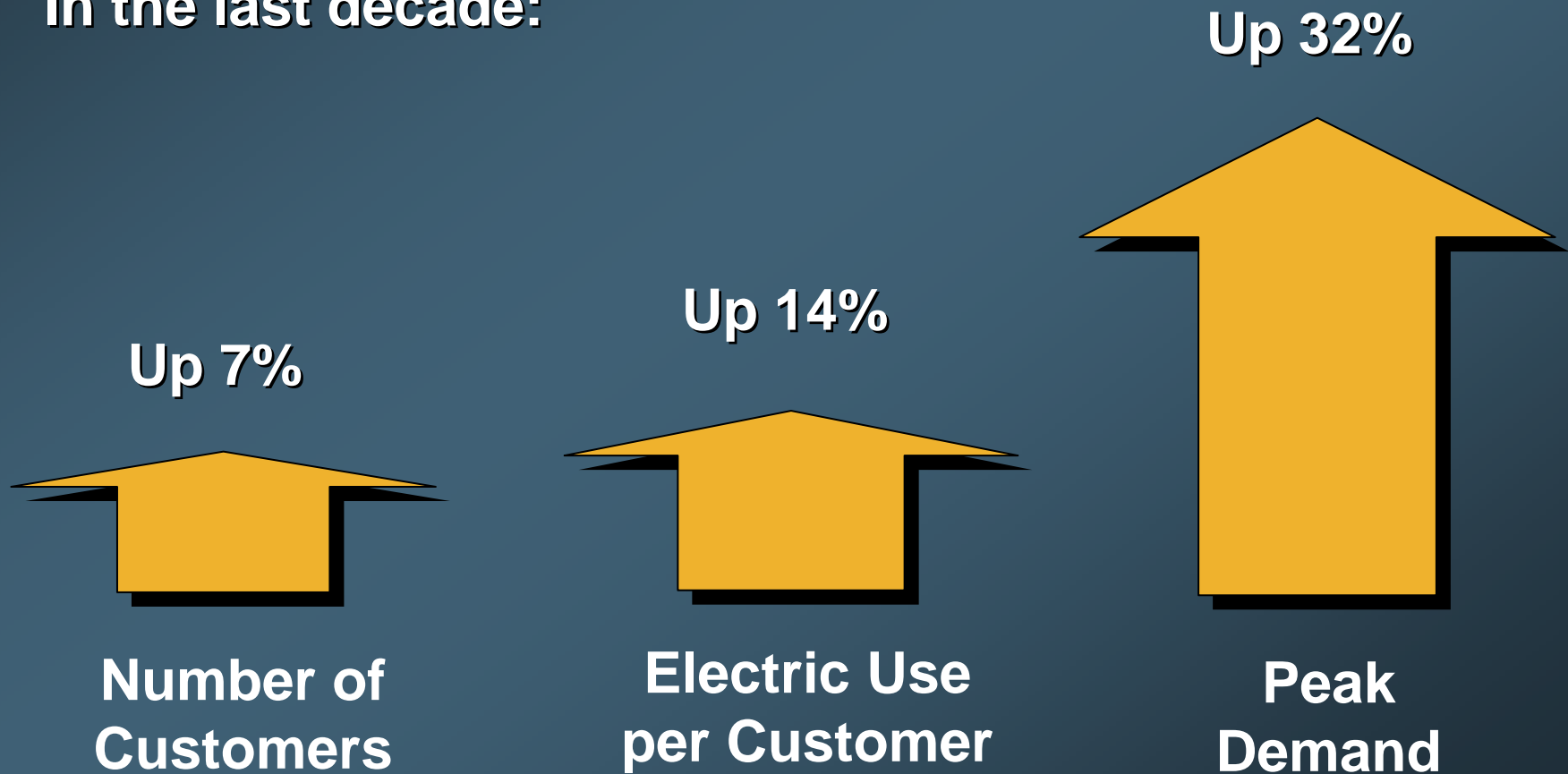
- ▶ **Customers:**
 - ▶ **Electric – 1.35 million**
 - ▶ **Gas – 1.29 million**
- ▶ **Employees: 3,960**
- ▶ **Communities Served: 240**
- ▶ **Regulated by Colorado
Public Utilities Commission**



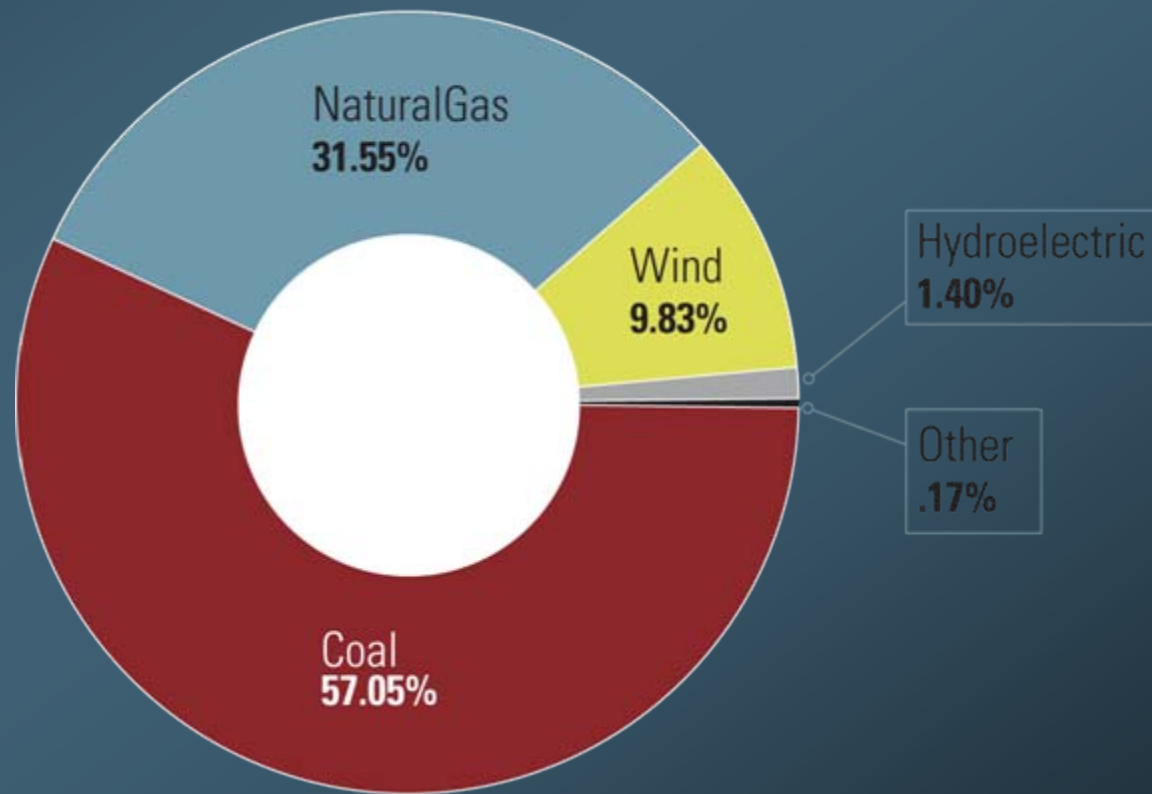


Colorado's Energy Needs

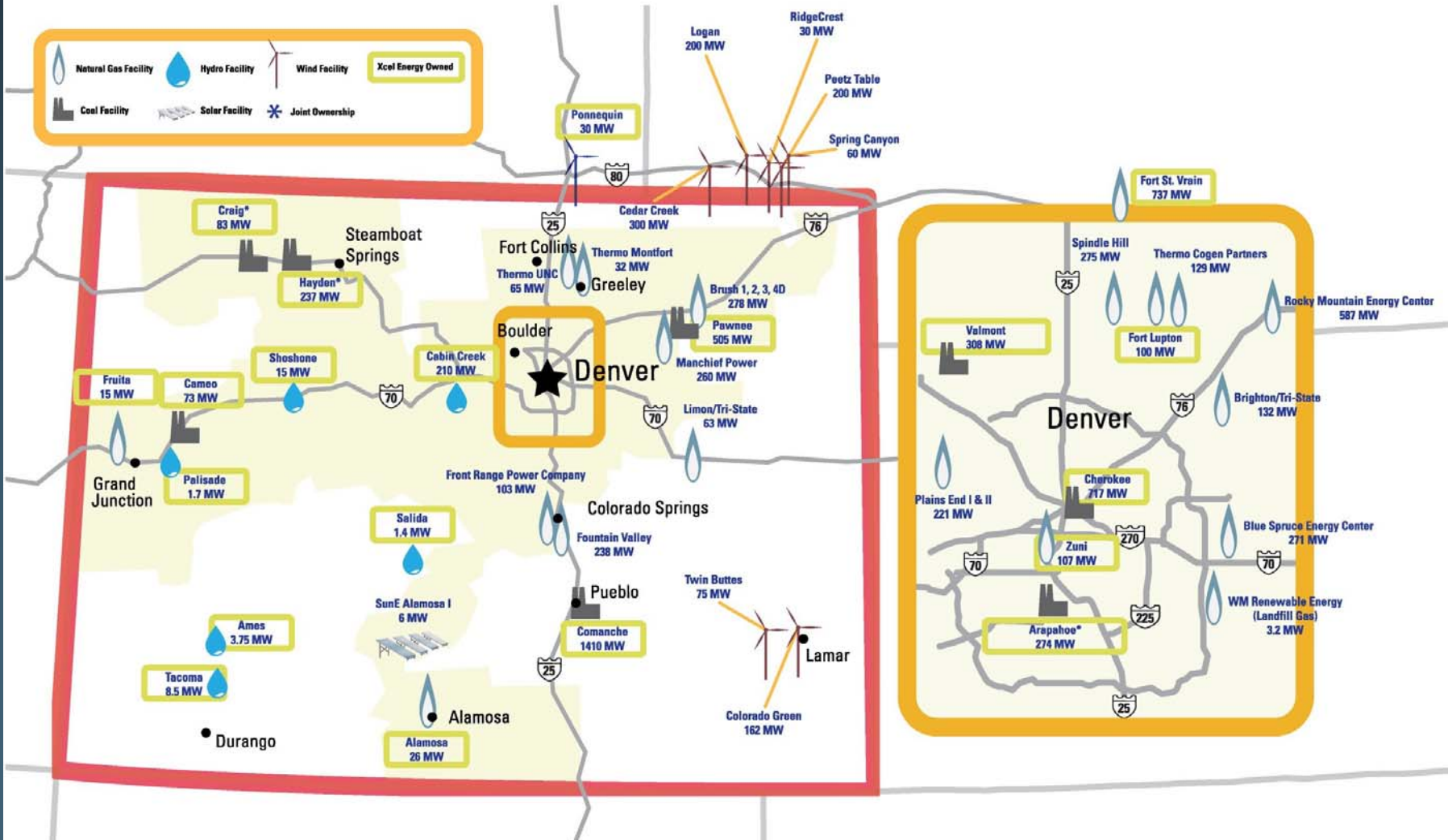
In the last decade:



Colorado 2008 Fuel Mix



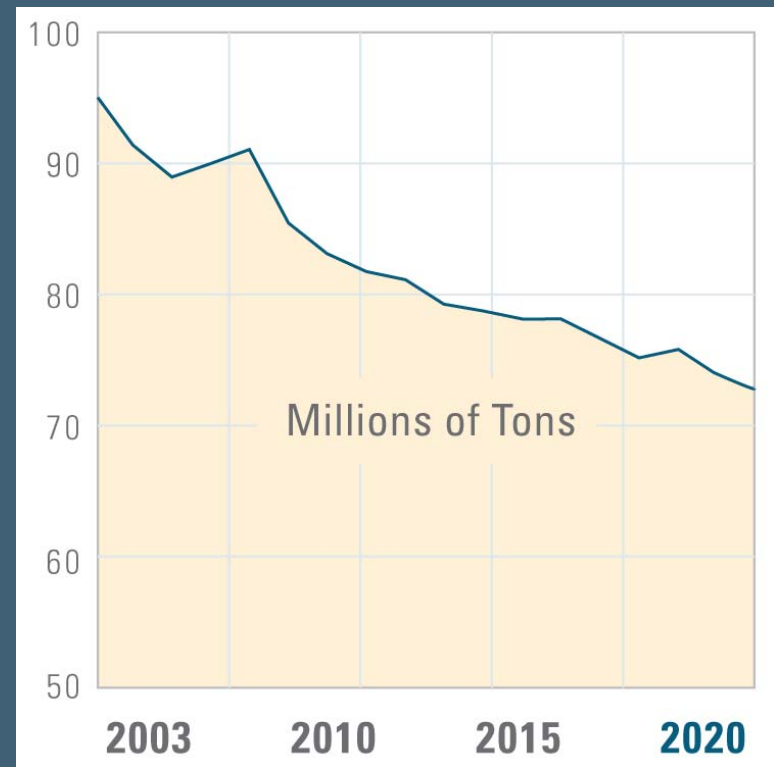
Generation Resources | Colorado



Position on Climate Policy

- ▶ Working with policymakers, energy providers, environmental community
- ▶ Support:
 - ▶ Federal climate policy
 - ▶ Properly designed cap & trade program
- ▶ Minimize customer cost; maximize environmental benefit
- ▶ Encourage & deploy clean-energy technologies

Proposed Xcel Energy CO2 Reductions



*Reflects owned and purchased generation, and includes wholesale sales.

Renewable Energy Standards

Renewable and Hydro Owned and Purchased Energy (in MW)	
Energy Source	2008
Wind	1,084
PV Solar	8
On-Site Solar	22
Biomass	4
Hydro	88

- ▶ **Colorado's Renewable Energy Standard**
- ▶ **Wind – 150 MW in 2009**
- ▶ **PV Solar – 17 MW by 2010**
- ▶ **On-Site Solar – 19 MW by 2015**
- ▶ **Wind and/or PV Solar – up to 700 MW by 2015**
- ▶ **Concentrating Solar with Thermal Storage – at least 200 MW by 2015**



Renewable Resource Development

- ▶ Partner with NREL on such clean energy projects as:
 - ▶ Renewable energy storage
 - ▶ Plug-in hybrid electric vehicles
 - ▶ Improved wind forecasting
- ▶ SolarTAC bringing private and public sponsors together to demonstrate and test new solar energy technologies
- ▶ Signed long-term agreement to purchase biogas from Microgy, Inc.



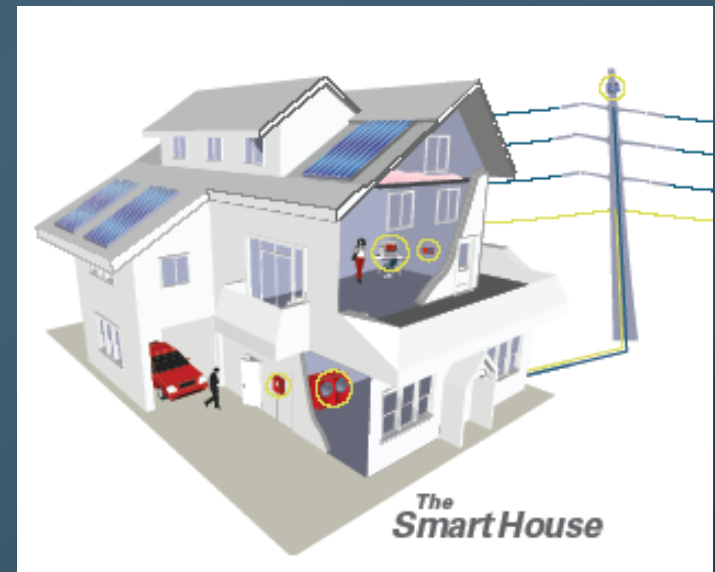
Innovative Clean Technology Program

- ▶ PUC Approval
- ▶ Test promising clean energy projects
- ▶ Concentrating solar technology into one of our existing coal-fired power plants



Innovating Our Business

- ▶ **SmartGridCity™**
- ▶ **Match energy demand with supply**
- ▶ **Faster outage response**
- ▶ **Add more renewable resources; address intermittency**
- ▶ **Give customers control over energy usage and environmental impact (carbon footprint)**



Energy Efficiency



- ▶ **Cost effective way to reduce emissions**
- ▶ **Eliminates need for new power plants**
 - ▶ **Since 1992, conservation has prevented 11 new plants from being built**
- ▶ **Important part of carbon reduction strategy**



Energy Efficiency

- ▶ **In 2008, spent \$22.1 million on residential and commercial energy efficiency programs**
- ▶ **Saved 40,682 kW and 151,789 MWh of electric generation**
- ▶ **Launching 29 new or improved energy-efficiency programs in 2009**
- ▶ **Between 2009 and 2020, annual electricity savings goal increases from 150 GWh per year to 422 GWh per year**

Renewable Energy

Windsorce

- ▶ 2008 customers: 45,929
- ▶ MWh generated: 200,000



Solar Energy

Central Solar

- ▶ 8.2 MW in Alamosa, Colo.
- ▶ Plans to acquire 19 additional MW by 2010
- ▶ Evaluating solar storage opportunities

Solar*Rewards

- ▶ Currently 30 MW in Colorado
- ▶ Add 55 MW by 2015
- ▶ Launch in MN in 2009





Additional Resources

- ▶ **2008 Corporate Responsibility Report available at xcelenergy.com**



RESPONSIBLE BY NATURE™

A series of overlapping, wavy lines in shades of blue and orange flow across the bottom of the page, creating a sense of motion and energy.

our clean energy future

advanced technology. energy efficiency. business innovation.