

Power System Transformation Xcel Energy Perspective



Xcel Energy

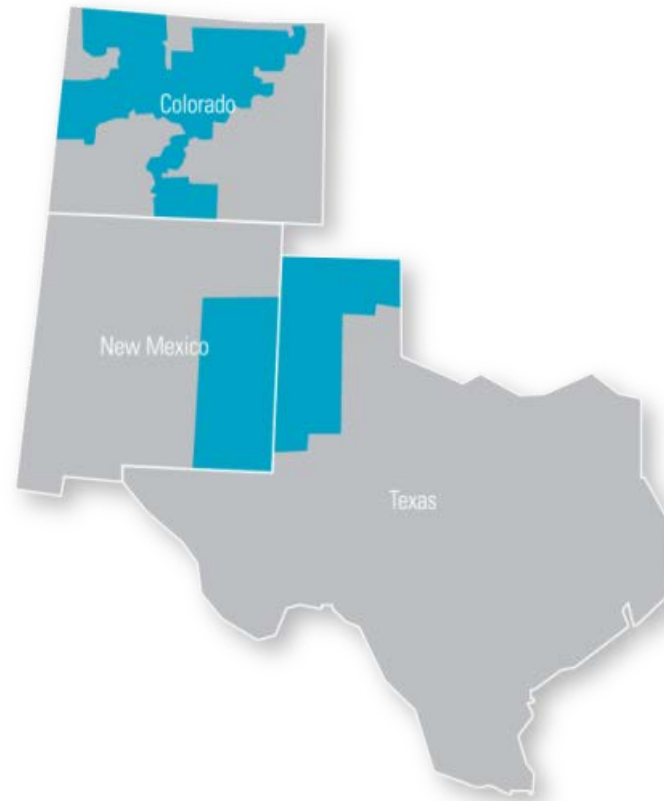


Serving eight states

- 3.6 million electricity customers
- 2 million natural gas customers

Nationally recognized leader:

- Wind energy
- Energy efficiency
- Carbon emissions reductions
- Innovative technology
- Storm restoration



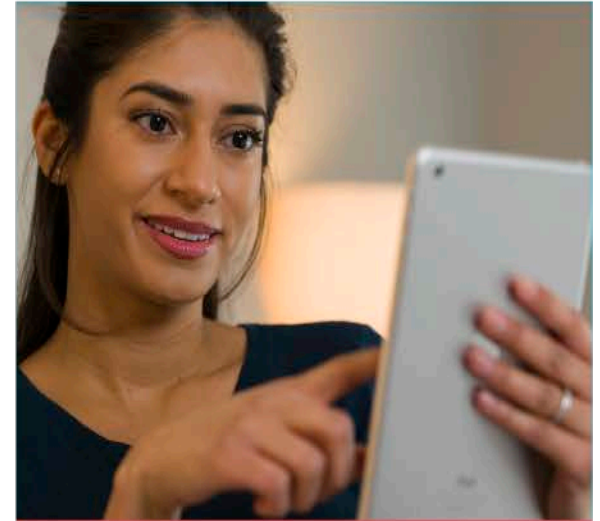
Xcel Energy Priorities



Lead the Clean
Energy Transition



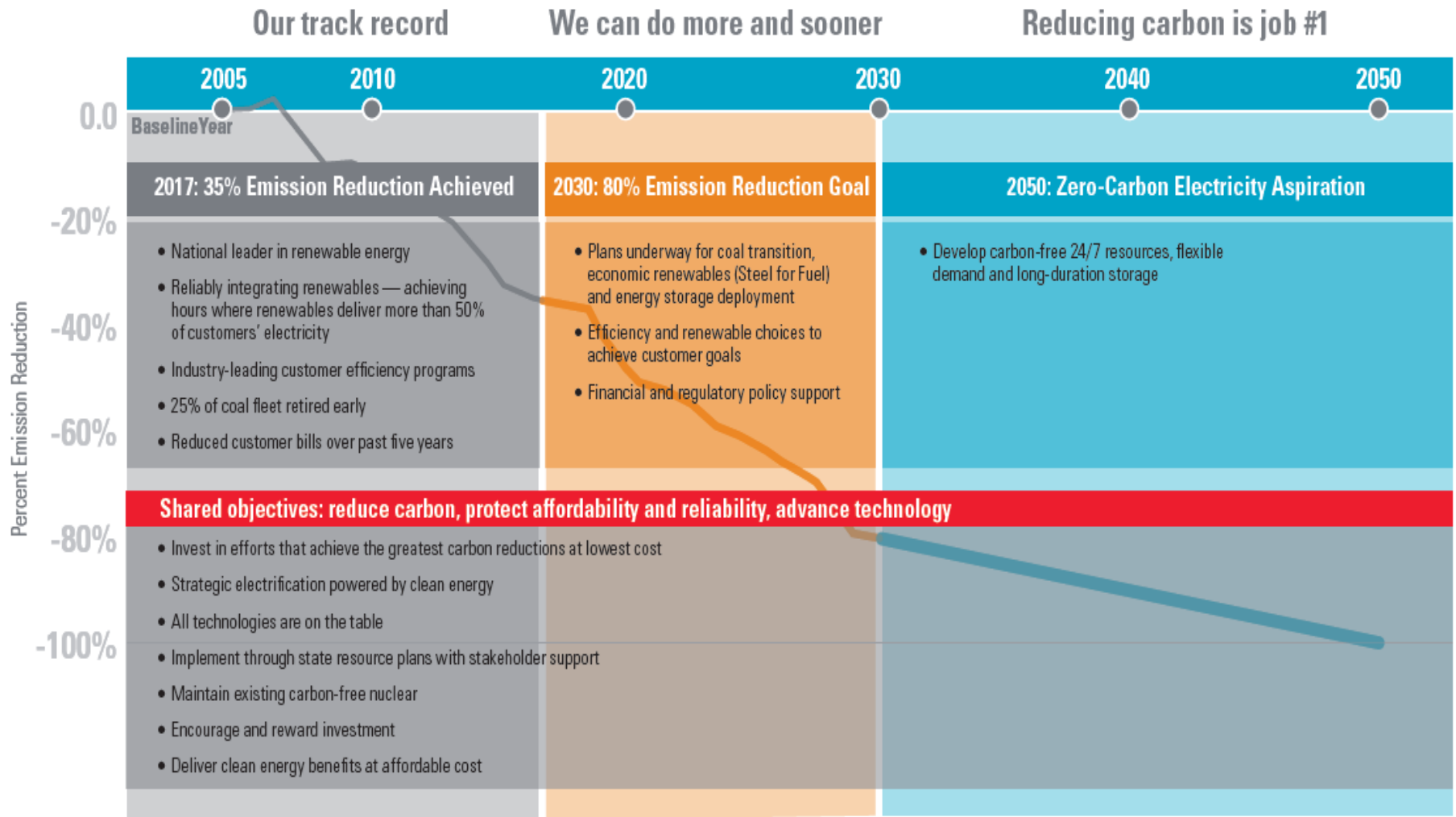
Enhance the
Customer Experience



Keep Bills Low

Leading the Carbon Transition

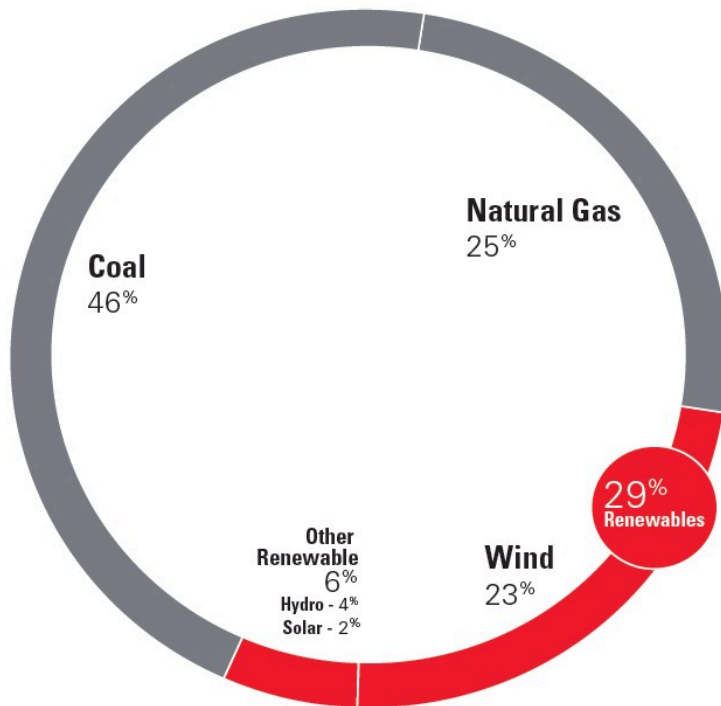
A bold, new vision for 2030 and 2050



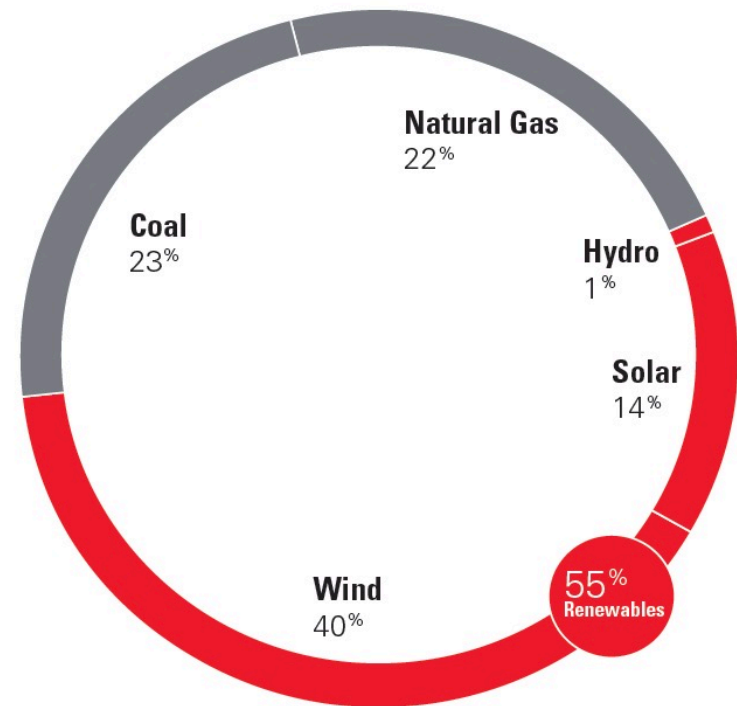
A cleaner energy mix

Increasing renewable and carbon-free share

2016 Colorado Energy Mix










2026 Estimated Energy Mix Under The Colorado Energy Plan



Renewable Choice Programs



	Standard Energy Mix	Renewable*Connect (Available early 2018)	Windsource [®]	Solar*Rewards Community [®]	Solar*Rewards [®]	Net Metering Without Incentives
Energy Source	23% Wind, 4% Hydro, 2% Solar					
Cost to participant	29% renewable energy at no extra cost	Subscription fee on Xcel Energy bill	Subscription fee on Xcel Energy bill	Subscription fee paid to solar garden per contract terms	Pay solar installer for equipment per contract terms	Pay installer for equipment per contract terms
Financial Benefit	Lowest cost renewables keep rates low for everyone	Personal per kWh fuel credit for using solar	None	Bill credit payment for solar energy produced	Monthly energy use is offset by solar, plus incentive per kWh of solar	Monthly energy use is offset by solar
Requires on-site installation	No	No	No	No	Yes	Yes
Minimum contract length	None	0 to 10 years	None	Up to 20 years	Up to 20 years	None
Increases costs for non-participating customers	No	No	No	No	Yes	Yes
Contract with	No Contract	 Xcel Energy*	 Xcel Energy*	Solar Garden Company	1) Solar Installer – equipment 2) Xcel Energy – interconnection & incentive	1) Installer – equipment 2) Xcel Energy – interconnection
Earn renewable energy credits*	No	Yes	Yes	No	No	Yes

Our Carbon Vision



**Job #1
Reduce
Carbon**



**Protect
Cost and
Reliability**



**Advance
Technology**

Shared Objectives

