Cleaner energy at an affordable price for customers

In October 2015, Xcel Energy proposed to transform its energy system away from coal to cleaner energy sources, investing in new wind, solar and natural gas. The result will achieve a 60 percent reduction in carbon emissions and a 63 percent carbon-free energy mix. Detailed analysis shows this transformation can be achieved with a modest increase in rates that will keep prices competitive with the national average.

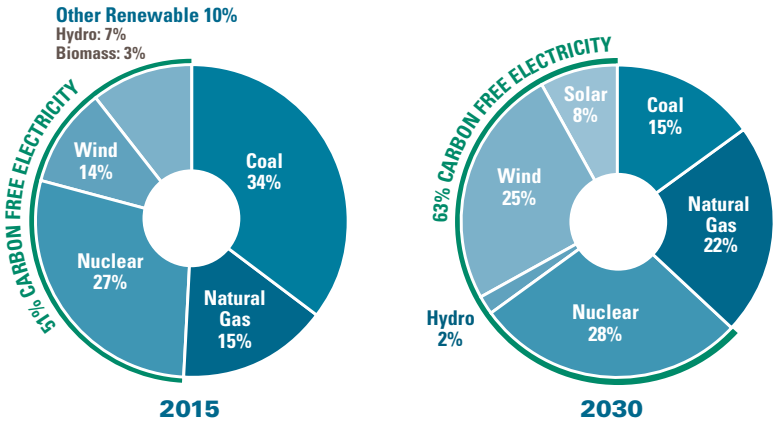
Our strategy

The bulk of Xcel Energy's base load generation faces the end of projected operational lives in the mid-2030s—about 3,000 megawatts. This proposal begins the transition of our generation fleet in a coordinated manner, avoiding the need to compress this transition in a short period of time.

The certainty this plan provides enables a transition that can be developed and implemented over time, limiting the burden on employees, customers, regulators and other stakeholders.

Xcel Energy transition to clean energy

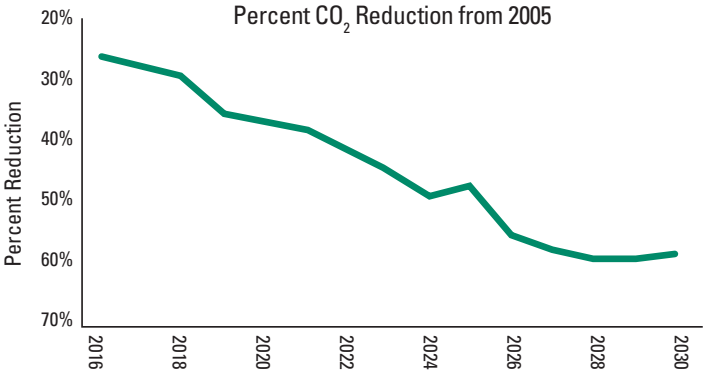
Our Upper Midwest energy resource mix will be 63 percent carbon-free



Xcel Energy's clean energy proposal delivers for our customers and our communities

- Reliable electricity
- 63% carbon-free energy
- 35% renewables
- An affordable cost for our customers
- Long-range transition to protect customers, employees and communities

Carbon dioxide emissions will be 60 percent below 2005 levels, exceeding EPA Clean Power Plan requirements



Our proposal

- Natural gas plants: New plants at the Sherco site and in North Dakota will provide electric reliability and transmission system stability. The Sherco location is cost-effective and uses the existing transmission system. Using the existing infrastructure both reduces overall costs and ensure electric reliability due to the plant's location on the regional transmission system.
- We will more than double our renewable energy resources. The new wind and solar will provide enough electricity to power 1.2 million homes.
  - 1,800 MW of new wind (800 by 2020)
  - 1,400 MW of new solar (400 by 2020)
- Continue operating carbon-free nuclear facilities that help enable the transition by providing base load electricity. The plants are a critical component of providing reliable, carbon-free electricity to meet our clean energy goals.