

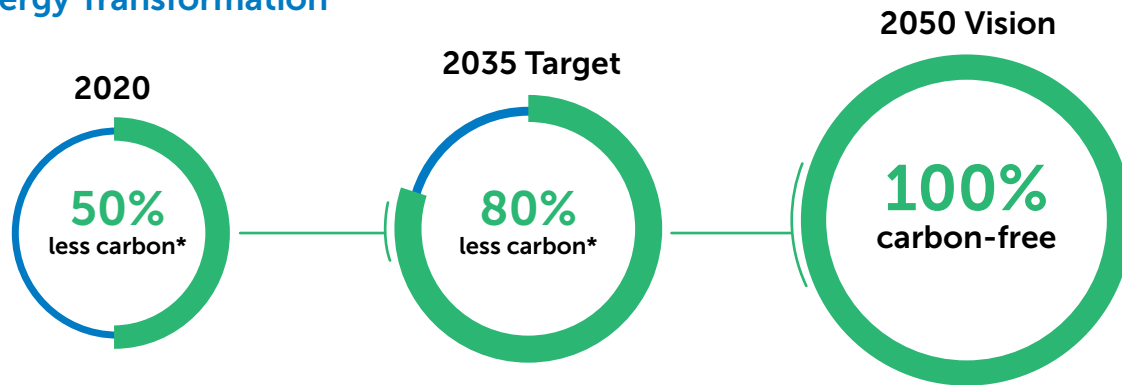


100% CARBON-FREE ENERGY BY 2050

Our **bold vision** centers on our commitment to **climate, customers and communities.**

Minnesota Power is delivering 50% renewable energy today and advancing the clean energy of tomorrow through *EnergyForward*. We're meeting the challenge of climate change head-on while powering our region's homes, hospitals, businesses and industries with cleaner, reliable and affordable energy.

Clean-Energy Transformation



*From 2005 levels

Blueprint for Building a 100% Carbon-Free Energy Future



Expand renewable sources of energy

Add up to 700 megawatts of wind and solar power to reach more than 70% renewable energy by 2030, along with a significant investment in energy storage.



Adapt operations

Use economic dispatch for resources to maximize daily use of renewable energy and grid capabilities, further reducing carbon emissions.



Achieve coal-free energy supply

Cease coal operations at Boswell Energy Center Unit 3 by 2030 and at Boswell Energy Center Unit 4 by 2035.



Strengthen the electric grid

Invest in infrastructure for managing the delivery of increasing amounts of renewable energy while providing customers more choice and control.



Adopt innovative solutions

Use evolving technology to bring our 100% carbon-free commitment home, including demand response and conservation.



Engage with stakeholders

Work with interested entities on strategies for reaching the 2050 carbon-free energy goal reliably, safely, affordably and justly. Together we're moving *EnergyForward* to sustain healthy communities and a vibrant way of life for our customers.