Xcel Energy's Vision of the Future

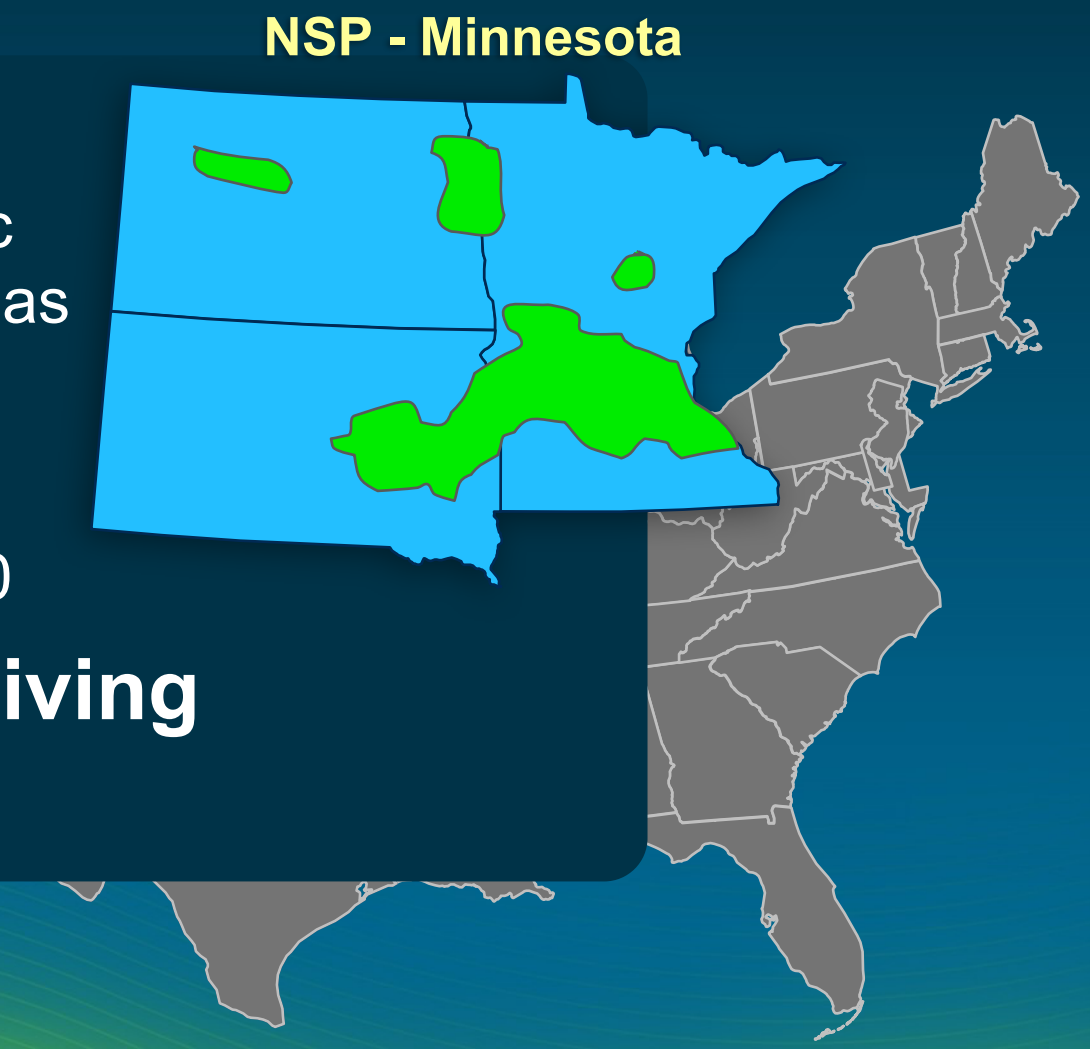
KELLY BLOCH
REGIONAL VICE PRESIDENT DISTRIBUTION OPERATIONS

XCEL ENERGY

Customers
1.3 million electric
500,000 natural gas

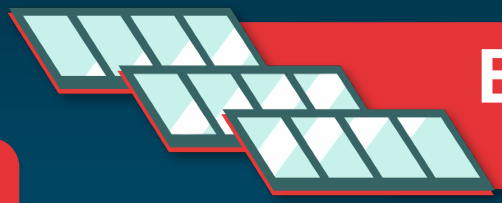
Jobs
Employees 6,000
Contractors 3,700

Corporate Giving
$20.18 million



ACCOMPLISHMENTS

No. 1 wind provider in America

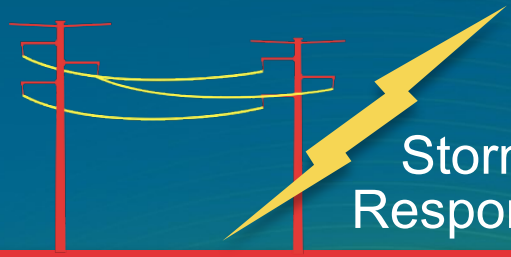


Building Solar Capacity

A **Leader** in Conservation

All at a **Competitive** Price

A **Leader** in Transmission



Storm Response

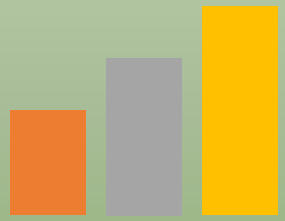
Strong **Reliability**

Carbon Reduction

A **Leader** in Emission Reductions

TRENDS IN THE ENERGY INDUSTRY

Changing Economics



Growing Customer Expectations

Changing Policy Landscape

GRID MODERNIZATION AND CUSTOMER SOLUTIONS

Battery

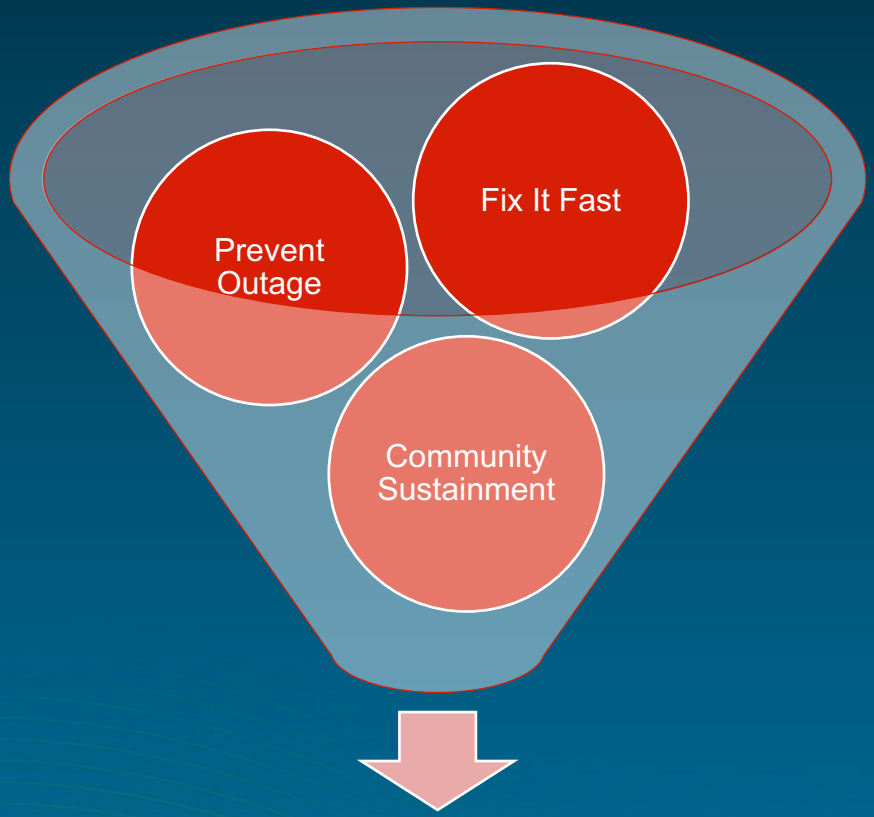
Electric Vehicle

Solar

Smart Technologies

Expect game changing energy efficiency advances

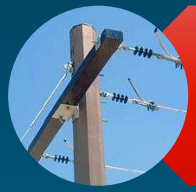
Resiliency



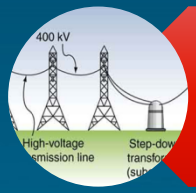
Resiliency

Prevention

Vegetation Management



Storm Hardening



System Design

Micro Grids

Fix It Fast

Proactive Storm Response
System Design
Modernize the Grid
SAFETY

Community Sustainment

Mobile Charging	Restoration Prioritization	Communication
• Sense of Normalcy	• Emergency Services • Critical Infrastructure	• Multiple Channels • Granular Data

Proactive Storm Response

Customer Experience

93%

Customers restored within 24 hours

82%

Customers restored within 12 hours

EEI
"Emergency Recovery Award" – 2013 & 2015

PA Consulting
"Reliability One Award" – 2014, 2015

Proactive Storm Restoration Culture → **Standardized Best Practices** → **Proactive Event Planning** → **Event Management Consistency** → **Communications Transparency**

Summary

- Poised for change
- Modernizing Grid is key
- Industry Leading Restoration
- Great Reliability Performance
- Safety never compromised