

MANAGING ENVIRONMENTAL, SOCIAL AND GOVERNANCE ISSUES

**AUGUST 2022** 

#### Safe Harbor

Except for the historical statements contained in this presentation, the matters discussed herein are forward-looking statements that are subject to certain risks, uncertainties and assumptions. Such forward-looking statements, including those relating to 2022 EPS guidance, long-term EPS and dividend growth rate objectives, future sales, future expenses, future tax rates, future operating performance, estimated base capital expenditures and financing plans, projected capital additions and forecasted annual revenue requirements with respect to rider filings, expected rate increases to customers, expectations and intentions regarding regulatory proceedings, and expected impact on our results of operations, financial condition and cash flows of resettlement calculations and credit losses relating to certain energy transactions, as well as assumptions and other statements are intended to be identified in this document by the words "anticipate," "believe," "could," "estimate," "expect," "intend," "may," "objective," "outlook," "plan," "project," "possible," "potential," "should," "will," "would" and similar expressions. Actual results may vary materially. Forward-looking statements speak only as of the date they are made, and we expressly disclaim any obligation to update any forward-looking information. The following factors, in addition to those discussed in Xcel Energy's Annual Report on Form 10-K for the fiscal year ended Dec. 31, 2021 and subsequent filings with the Securities and Exchange Commission, could cause actual results to differ materially from management expectations as suggested by such forward-looking information: uncertainty around the impacts and duration of the COVID-19 pandemic, including potential workforce impacts resulting from vaccination requirements, quarantine policies or government restrictions, and sales volatility; operational safety, including our nuclear generation facilities and other utility operations; successful long-term operational planning; commodity risks associated with energy markets and production; rising energy prices and fuel costs; qualified employee workforce and third-party contractor factors; violations of our Codes of Conduct; ability to recover costs, changes in regulation and subsidiaries' ability to recover costs from customers; reductions in our credit ratings and the cost of maintaining certain contractual relationships; general economic conditions, including inflation rates, monetary fluctuations, supply chain constraints and their impact on capital expenditures and/or the ability of Xcel Energy Inc. and its subsidiaries to obtain financing on favorable terms; availability or cost of capital; our customers' and counterparties' ability to pay their debts to us; assumptions and costs relating to funding our employee benefit plans and health care benefits; our subsidiaries' ability to make dividend payments; tax laws; effects of geopolitical events, including war and acts of terrorism; cyber security threats and data security breaches; seasonal weather patterns; changes in environmental laws and regulations; climate change and other weather; natural disasters and resource depletion, including compliance with any accompanying legislative and regulatory changes; costs of potential regulatory penalties; and regulatory changes and/or limitations related to the use of natural gas as an energy source.

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Xcel Energy app also available

## Strategy

#### VISION

We will be the **preferred** and **trusted** provider of the energy our customers need

#### **MISSION**

We provide our customers the safe, clean, reliable energy services they want and value at a competitive price

#### **PRIORITIES**



#### Lead the Clean Energy Transition

- Electricity: 80% carbon reduction by 2030, 100% carbon-free by 2050
- Natural gas: 25% GHG reduction by 2030, net-zero by 2050



#### **Enhance the Customer Experience**

- Conservation, new products/services
- 1.5 million EVs enabled by 2030



### Keep Bills Low

Average bill increases ≤ rate of inflation

**VALUES** 



Connected







Trustworthy

## Sustainability Embedded in Strategy

We are retiring coal plants, adding renewables, helping electrify other sectors and exploring clean fuels and technologies, while providing more options for customers and keeping their bills low

# LEAD THE CLEAN ENERGY TRANSITION

- Climate
- Innovation
- Human capital
- Diversity, equity, inclusion

# ENHANCE THE CUSTOMER EXPERIENCE

- Safety and security
- Reliability/resiliency
- Clean energy

# KEEP CUSTOMER BILLS LOW

- Affordability
- Community vitality













## Comprehensive Sustainability Goals



80% lower emissions by 2030\*

100% carbon-free by 2050\*



≤ rate of inflation customer bill increases



1.5 million EVs powered by 2030



25% lower emissions by 2030\*\*

**Net zero** by 2050\*\*



Social impacts
of coal closures mitigated



Local communities supported



**70% less** water consumption by 2030\*



Workforce reflects our communities



10% of spend with diverse suppliers

- \* Includes owned and purchased electricity serving customers
- \*\* Spans natural gas supply, distribution and customer use

## Sustainability Goals - Tangible Progress

	GOAL	PROGRESS
CO <sub>2</sub>	80% lower carbon emissions by 2030, 100% carbon-free electricity by 2050*	50% reduction 2005 - 2021
<u></u>	25% lower net GHG emissions by 2030, net-zero by 2050**	To be available 2022 Q3
	70% less water consumption by 2030*	29% reduction 2005 - 2021
\$	Bill increases ≤ rate of inflation	Residential electric CAGR 0.8% 2013 - 2021 Residential natural gas CAGR 0.3% 2013 - 2021
(P)	1.5 million EVs powered by 2030	Programs approved in MN, CO, WI, and NM
	Coal plant closure impacts mitigated	7 plant closures, 0 layoffs to date
(\$)	Local economies supported	>60% supply chain spend local in 2021 ~\$1 billion investment; 5,000 jobs in 2021
	Workforce reflects our communities	Board: 33% female, 17% diverse (as of 6/22/2022) Workforce: 24% female, 17% diverse YE 2021
	10% spend with diverse suppliers	~13% (\$560 million) in 2021

<sup>\*</sup> Includes owned and purchased electricity serving customers

<sup>\*\*</sup> Spans natural gas supply, distribution and customer use

## Clear ESG Governance Structure

**Operational Risks, Including Carbon ESG Oversight** Board Operations, Nuclear, Board Governance, Compensation and **Environmental and Safety Committee Nominating Committee** Chairman, President and CEO **SVP Strategy, Planning and External Affairs** (Chief Sustainability Officer)

## **Voluntary Disclosures**

**FRAMEWORKS** & STANDARDS





Alignment



Alignment



Alignment







**REPORTS & DISCLOSURES** 



















Sustainability Report

Carbon

**TCFD** Scenarios Response

EEI/AGA **Template** 

**Natural Gas** Vision

Political Contributions

EEO-1 Report

Financing Framework

Financing **Impacts** 

**POLICIES & POSITION STATEMENTS** 

















Environmental Policy

Anti-Discrimination

Anti-Retaliation

Lobbying & Contributions

Human Rights

Responsible Compliance Transition

Program

Employee/Supplier Codes of Conduct

## **ENVIRONMENTAL LEADERSHIP**

- First major U.S. utility to commit to carbon-free; on track to achieve 80% reduction by 2030 and 100% carbon-free by 2050 (owned & purchased)
- IPCC lead author validation that carbon goals align with science-based scenarios likely to limit global warming to 1.5 degrees Celsius\*
- Carbon reduction tied to executive pay since 2005
- Third-party verified GHG disclosure since 2005, longer than any U.S. utility
- Net-zero goal for natural gas emissions, including customer use
- Industry-leading electric vehicle programs

## **Leading Carbon Reduction Goals**

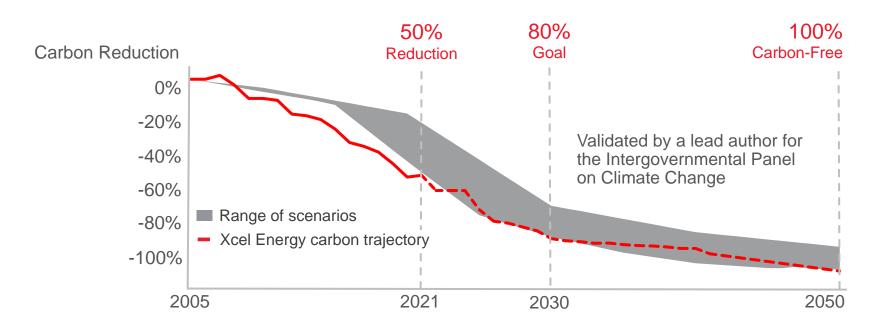
### First Major Utility to Commit to 100% Carbon-Free Electricity



Goal includes both owned (scope 1) and purchased (scope 3, category 3) power

## Carbon Goals Aligned With Paris Accord

## Goals Align with Science-Based Scenarios Likely to Achieve 1.5° C



## Science-Based Targets

# **✓** Our Approach

- Independent analysis conducted by an IPCC lead author
- Based on multiple IPCC scenarios that meet global temperature targets
- Confirms our goals (which include scope 1 and scope 3 emissions) align with sciencebased scenarios likely to achieve 1.5° C
- Analysis shows natural gas in buildings does not go away by 2040

#### **SBTi Validation**

- We have not pursued to date given:
  - SBTi relies on a single scenario, which we view as less robust than our analysis
  - We believe offsets are part of a leading natural gas strategy rooted in science
  - SBTi does not acknowledge carbon reductions achieved to date
- We will reevaluate periodically as changes to SBTI's methodology occur over time

## Pragmatic Fleet Transition

### Pace Governed by Reliability and Customer Affordability



80% Carbon Reduction by 2030

Clear path to achieve goal Reflected in filed resource plans

Current technology sufficient Renewables, nuclear and natural gas

Affordable for customers
Bill increases ≤ rate of inflation



100% Carbon-Free Electricity by 2050

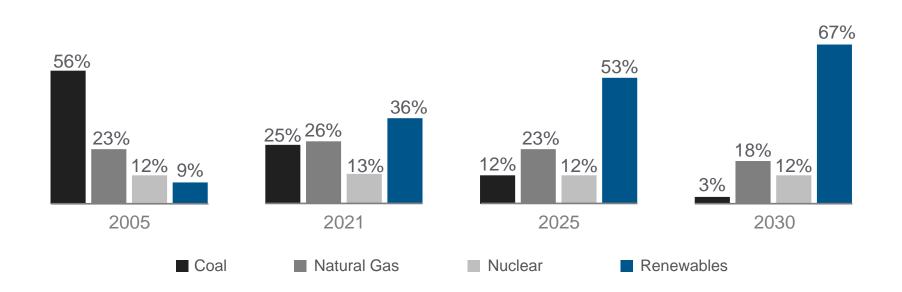
**New carbon-free resources**Dispatchable, scalable and economic

Technology agnostic approach Multiple solutions needed

Supportive public policy essential R&D, incentives and funding

## Significant Shift in Energy Mix

### **Adding Renewables and Retiring Coal Plants Early**



## **Future Coal Retirements**

### 80% Carbon Reduction by 2030, Full Coal Exit by 2034



#### NSPM/NSPW

- 85% carbon reduction and full coal exit by 2030
- ~5,800 MW new renewables



#### **PSCo**

- 85% carbon reduction by 2030
- Full coal exit by January 2031
- ~4,000 MW new renewables
- ~1,200 MW solar DG



#### SPS

- Full coal exit by 2034
- Harrington (1,018 MW) proposed conversion to natural gas by 2024
- Tolk (1,067 MW) seasonal dispatch, accelerating retirement to 2034

## Minnesota Resource Plan

#### 85% Carbon Reduction & Coal Exit by 2030



#### Full coal exit by 2030

- King (511 MW) retire 2028
- Sherco 3 (517 MW) retire 2030



#### Firm peaking capacity (reliability driven)

- 800 MW of hydrogen ready CTs
- 300 MW of repowered black start CTs
- Additional 1,900 MW needed in 2030 and beyond



## Significant renewable additions

- 2,500 MW universal scale solar
- 2,150 MW wind
- Additional 1,100 MW beyond 2032



**Nuclear extension** (Monticello to 2040)



#### **Transmission infrastructure**

to enable new renewables

February 2022

Plan approved

2022 H2

RFPs issued

2023 H2

**Anticipated Commission decision** 

<sup>\*</sup> CTs will go through a certificate of need process for final approval

## Colorado Resource Plan

### 85% Carbon Reduction by 2030 & Coal Exit by 2031



#### Full coal exit by January 2031

- Hayden 1 & 2 (233 MW) retire 2028/2027
- Pawnee (505 MW) conversion to natural gas no later than January 2026
- Comanche 3 (500 MW) retires by January 2031; reduced operations begin 2025



### Significant renewable additions

- ~2,400 MW wind
- ~1,600 MW universal scale solar
- ~1,200 MW distributed solar



#### Firm peaking capacity

- ~1,300 MW flexible resources
- ~400 MW storage



#### **Transmission expansion (approved)**

Pathway enables additional renewables while improving reliability

June 2022 Approved

2022 H2 RFPs issued >

2023 H2

Anticipated Commission decision

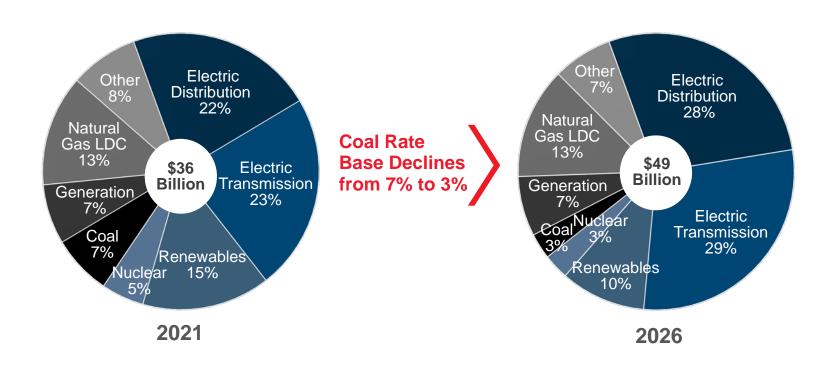
## Out of Coal by 2034



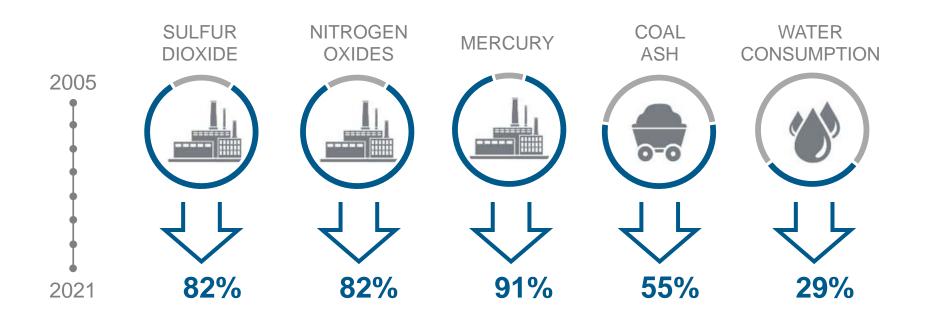
<sup>\*</sup> Conversion from coal to natural gas; Harrington pending approval

<sup>\*\*</sup> Based on Xcel Energy's ownership interest

## Coal Rate Base Declining



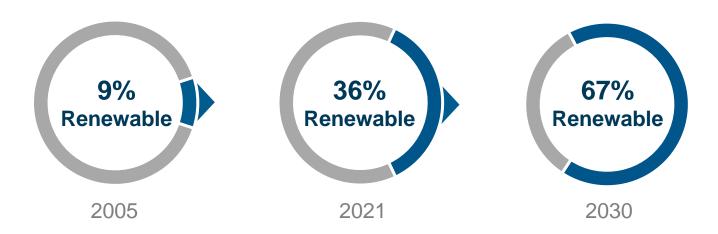
## **Emission Reductions Beyond Carbon**



Results from owned generation except for water, which includes owned and purchased power

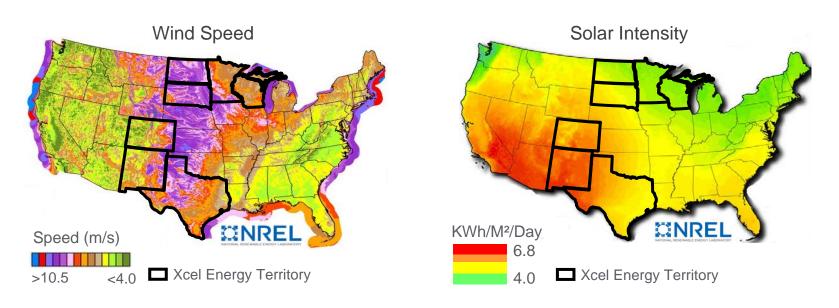
## Significant Renewable Additions

### **Nearly 10 GW of Additional Wind and Solar Over Next Decade**



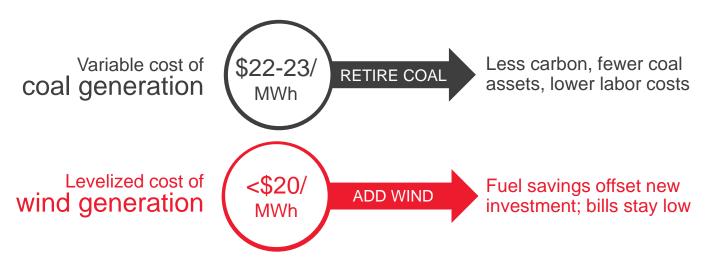
## Geographic Advantage for Renewables

### **High Capacity Factors Enable Greater Efficiency and Lower Costs**



## Attractive Economics for Renewables

### Steel for Fuel Strategy - Replacing Coal with Lower-Cost Wind



Over 3,600 MW Over 3,600 MW
New owned wind (2018-2022)

\*\*

8,760
Hours/year

\*\*



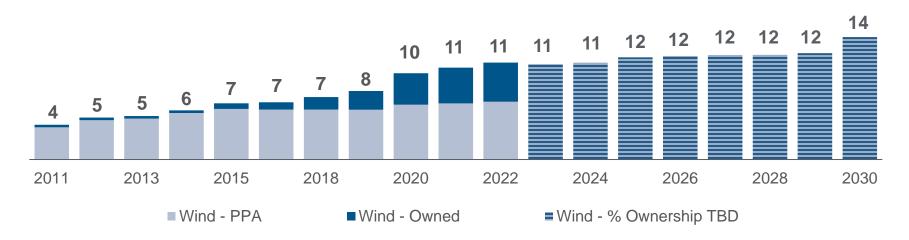


50% = ~16 million MWh annually

## Steel for Fuel - Expanding Wind Profile

### **Targeting 50% Ownership of New Resources**

**GW** 



## **Expanding Solar Capacity**

#### Nearly 2,800 MW Today



UNIVERSAL ~1,020 MW

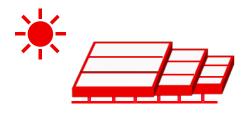


GARDENS ~940 MW ~520 sites, ~26,000 subscribers



PRIVATE ~800 MW ~83,000 customer and third-party systems

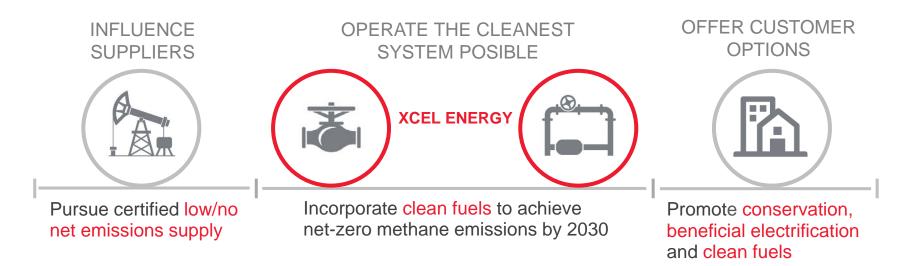
### **Significant Growth Over Next Decade**



- 3,150 MW in Minnesota resource plan
- 74 MW owned facility in Wisconsin
- Proposed ~1,600 MW in Colorado IRP
- Proposed ~1,200 MW DG in Colorado IRP
- Proposed ~460 MW at retiring Sherco plant

## Net Zero Natural Gas Service

### 25% Net GHG Emission Reduction by 2030, Net Zero by 2050



Goal compared to 2020 baseline; includes gas supply for electric system Net zero assumes use of biologic offsets and carbon capture technologies

## Hydrogen Opportunities



Renewables power electrolyzers



Electrolyzers produce green hydrogen



**NATURAL GAS SYSTEM** 

**POWER GEN** 

(GAS CT/CCs)



Hydrogen blending

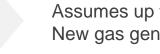


Lower-carbon electricity delivered to customers



Lower carbon emissions from customer gas use

**\$2 - \$4 billion** potential investment



Assumes up to 5% blending in natural gas system New gas generation and retrofits by 2031

## Electric Vehicle Vision 2030



Nation-leading models for residential, commercial and public charging

### 5 million CO<sub>2</sub> tons avoided annually

80% lower vehicle emissions when charging with Xcel Energy

### \$1 billion annual customer savings

~\$1/gallon and lower using off-peak energy; rebates drive adoption

#### \$2 billion investment

Service connections, charging infrastructure and programs

## 0.6% to 0.7% incremental annual retail sales growth

~6-7 million MWh new load keeps customer bills low

## Sustainable Financing Impacts

### \$5.4 Billion in Green Bonds Issued to Fund 17 Wind Projects



~3.6 Gigawatts
Renewable Energy

~135 Million Tons
Carbon Emissions Avoided





## **Affordability**

Low-cost wind, record-low coupons





## **Economic Sustainability**

~3,500 jobs, ~\$500 million in property taxes, ~\$800 million in landowner payments



## **Supplier Diversity**

20+ diverse suppliers, ~\$460 million spend

As of July 2022

## Sustainable Financing Framework

### **Eligible Financing Categories**



Renewable generation



Clean fuels & technology



Clean transportation



Grid resiliency & efficiency



Access to affordable, clean energy



Socioeconomic advancement & equity

#### **Standards Alignment**

ICMA 2021 Green Bond Principles (GBPs)
ICMA 2021 Social Bond Principles (SBPs)
ICMA 2021 Sustainability Bond Guidelines (SBGs)
LMA/LSTA/APLMA 2021 Green Loan Principles (GLPs)
LMA/LSTA/APLMA 2021 Social Loan Principles (SLPs)

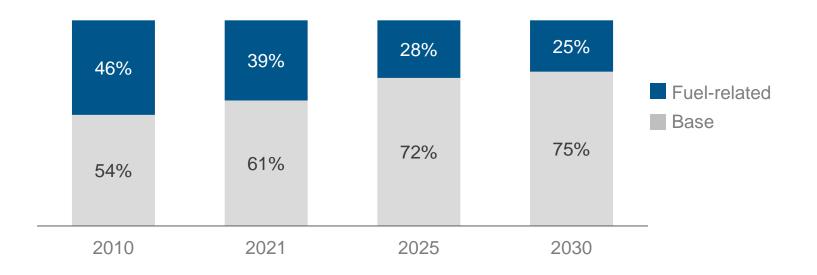
Second Party Opinion Provided by S&P Global

## LEADERSHIP ON SOCIAL ISSUES

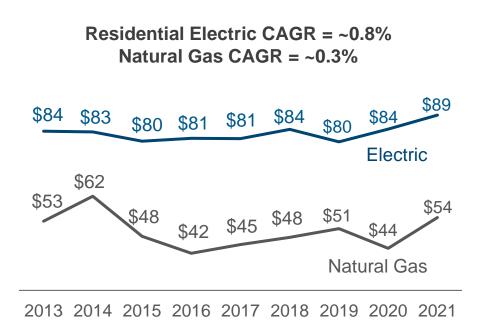
- Keeping average bill increases at or below the rate of inflation
- Responsibly transitioning our generation fleet
- Pioneering Safety Always approach to eliminate life-altering injuries
- Committed to human rights, diversity and environmental justice
- Track record of engaging our stakeholders and supporting our communities

## Committed to Affordability

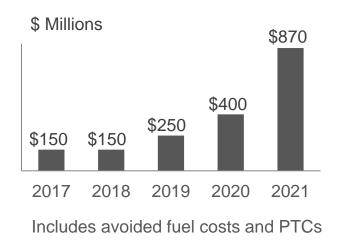
## **Declining Fuel Component of Bill = Customer Savings**



## Bill Increases at or Below Rate of Inflation



# ~\$1.8 Billion in Customer Savings from Wind Energy



## Committed to a Responsible Coal Transition

#### **Proven Commitment to Mitigate Impacts**



#### Demonstrated commitment to our people

- Advanced notice, integrated workforce planning
- Job shadowing, training, tuition reimbursement, relocations
- Helping employees change union locals and job classifications

**7**PLANTS RETIRED



#### Meaningful support for our communities

- Collaborating with community, business, government leaders
- Helping preserve property tax base through new business



## Committed to Safety Always

### Keeping Employees, Contractors and the Public Safe



Focused on eliminating
life-altering injuries through
a trusting, transparent culture
and use of critical controls

Safety is not just a priority, it's a **core value** 

All employees have "stop work responsibility"

Fostering trust, open dialogue and learning

Designated Board committee oversight

## Committed to Human Rights

We respect the right of all people to be treated ethically, with dignity and without discrimination



Fair wages and living standards

No forced/child labor

Safe, healthy working conditions

**Equal opportunity** 

Freedom of association

Anti-discrimination and harassment

Right to union representation

# **DEI Progress Tied to Compensation**

### **Focus, Commitment and Accountability**



Diversity in background, race, ethnicity, gender and perspectives

99% of offers were extended to candidates interviewed by diverse panels



Pairing female and minority employees with senior leaders

>30% of the 35 participants assumed new roles to further their growth and development



Listening to employees, encouraging feedback and taking action to support them

Survey results exceeded target; female and diverse employee responses scored relatively higher

Results based on 2021 data

### Workforce Representation





#### CEO DIRECT REPORTS VP & ABOVE

33% female | 22% diverse 23% female | 18% diverse 22% female | 11% diverse

MANAGEMENT



### WORKFORCE

**NEW HIRES** 

24% female | 17% diverse 39% female | 26% diverse

**INTERNS** 

34% female | 27% diverse

## Workforce Composition and Turnover



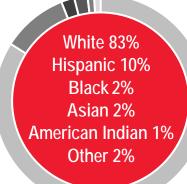


Overall Turnover: 12%

• Bargaining: 8%

Non-bargaining: 15%

### **Ethnicity**

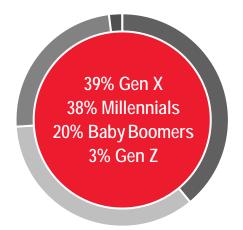


#### **Turnover Drivers**

Resignations: 58%Retirements: 31%

• Other: 11%

### Generation



#### Retirement Eligibility

- 26% over next 5 years
- 40% over next 10 years

As of January 2022

# Workforce Flexibility - Sample Benefits

WHAT WE OFFER	DESCRIPTION
Paid parental leave	Applies to fathers and mothers
Adoption assistance	Reimbursement of eligible expenses
Paid time off (PTO)	Used for a variety of reasons, including vacation, illness and personal days
PTO assistance bank	Employees can donate and ask for help
Volunteer paid time off (VPTO)	Up to 40 hours annually
Military time away from work	Includes compensation for difference between base and military pay
Personal floating holidays	Employees choose when to use
Flexible work policy	Up to 80% telecommute

## Supplier Diversity Program

Over two decades encouraging and working with diverse business owners

**WOMEN** 

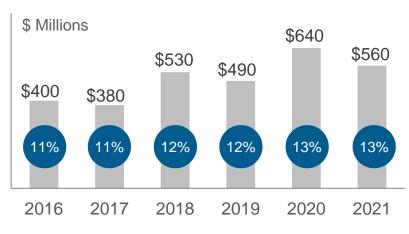
ETHNICALLY AND RACIALLY DIVERSE

**LGBTQ** 

**VETERANS** 

**DISABLED** 

### **Spend With Diverse Suppliers**



% of total normal goods and services spend

# Committed to Environmental Justice (EJ)



- Listening to and collaborating with our communities
- Improving air quality and reducing water use and waste, especially in communities near our facilities
- Delivering reliable service to all communities
- Providing affordable services and fostering equitable allocation of costs and opportunities
- Supporting vitality of coal plant host communities

## **Xcel Energy Foundation**

#### **PRIORITIES**



#### STEM CAREER PATHWAYS

Expand education opportunities and connect emerging and existing talent to STEM careers\*



#### **ENVIRONMENTAL SUSTAINABILITY**

Minimize impacts among vulnerable populations; protect air, water, and land



#### COMMUNITY VITALITY

Build strength and vibrancy by advancing economic prosperity and fostering cultural inclusion

#### 2021 HIGHLIGHTS

#### 1.5 Million Students

To receive hands on STEM learning

#### ~\$2 Million Economic Impact

Of volunteerism throughout the year

#### ~\$13 Million in Contributions

To our communities\*\*

#### ~2 Million Community Members

To have access to the arts

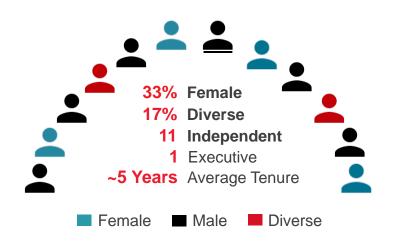
<sup>\*</sup> Science, technology, engineering and mathematics

<sup>\*\*</sup> Includes Corporate, Foundation, employee and retiree contributions

### STRONG GOVERNANCE

- Diverse and engaged Board
- Clear Board and managerial oversight
- Comprehensive risk management practices
- Strong security and business continuity capabilities
- Carbon reduction tied to long-term incentive pay since 2005
- ESG fully embedded in annual incentive program, including DEI

### Diverse and Engaged Board



Mandatory retirement age and tenure limit

Independent committee chairs

No supermajority approval provisions

**Overboarding** policies

Lead **independent director** elected annually

Board and committee performance evaluations

Proxy access adopted

Annual advisory vote on **compensation** 



Governance, Compensation & Nominating (ESG oversight)



Audit



**Finance** 



Operations, Nuclear, Environmental & Safety

# Managing Risk - Clear Oversight

### **Clear Board Committee and Management Accountability**

#### **Governance, Compensation & Nominating**

Board effectiveness, executive compensation, political contributions, ESG oversight

Chief Human Resources Officer

Capital structure and financing, dividend policy, insurance coverage, investor relations

Chief Financial Officer

Finance

#### **Operations, Nuclear, Environmental & Safety**

Safety and operational risk, climate change, reliability, physical and cyber security, environmental performance

Chief Operations Officer

#### Audit

Effectiveness of controls, financial statements/disclosures, legal and regulatory compliance, business conduct/ethics

Chief Audit and Financial Services Officer

## Managing Risk - Comprehensive Practices



#### CLIMATE

Early coal retirements
Proactive wildfire mitigation
Clean fuels and technology



#### **OPERATIONS**

Safety and business continuity focus
Integrated security – physical and cyber
Reliability and resiliency core to fleet transition



#### **FINANCIAL**

Strong governance

Conservative planning approach

Focus on affordability, economic health



#### REPUTATION

Strong focus on culture and values

Robust compliance and conduct program

Clear expectations and multiple reporting paths

# Managing Risk - Wildfires



#### **GOVERNANCE**

**Direct Board oversight** by designated committee Embedded in **enterprise risk management** processes

#### **PREVENTION**

Robust inspections using drones, LIDAR and infrared technologies

Disciplined vegetation management

Comprehensive mitigation plans

#### **MANAGEMENT**

Strong emergency response and business continuity capabilities Insurance coverage
Colorado standard is simple negligence

# Managing Risk - Security

### **Enterprise Risk Management Governance Framework**



# Managing Risk - Security

### Comprehensive, Integrated Physical and Cyber Program



#### **Common Operating Picture**

Integrated Enterprise Command Center and organization structure: cyber, physical and emergency management



### Leading Threat Intelligence Practices

Active engagement with intelligence community and peers; third-party cyber assessments shared with Board



#### **Strong Controls**

Strong preventative and detective controls, mapping assets to critical processes



#### Effective Response Management

Strong business continuity, emergency preparedness and response capabilities

# Managing Risk - Cybersecurity

### Relentless Focus on Culture and Strong Cyber Hygiene



Program based on NIST framework



Follow NERC Critical Infrastructure Protection (CIP) standards



Actively engaged in DOE's information sharing program (CRISP)

Industry leadership through DOE Clean Energy Cybersecurity Accelerator program

- ✓ 24x7 threat monitoring
- Training, testing and transparency to results
- Frequent employee communication
- Peer-to-peer company reviews

# **Ethics and Compliance Oversight**



**Corporate Compliance** program\*\*

Code of Conduct training required annually

**Anti-retaliation** policy

**Human rights** position statement

Multiple reporting paths for employees

<sup>\*</sup> Governance, compensation and nominating

<sup>\*\*</sup> Annual corporate compliance report available

# **DEI Oversight**

Board Governance, Compensation & Nominating Committee

**Chief Human Resources Officer** 

**Director of Inclusion & Diversity** 

Diversity & Inclusion Council (employee-led)

**Equal opportunity employment** policy

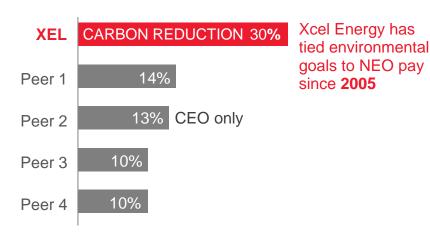
**Anti-discrimination** policy

**Board oversight** of workforce strategy and DEI initiatives

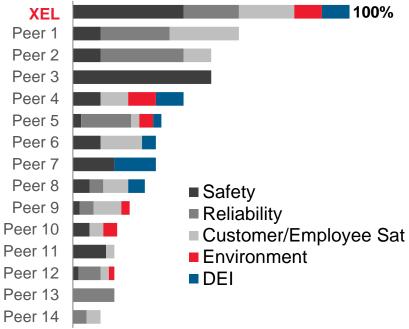
**DEI performance** tied to annual incentive pay

### **ESG** Embedded in Compensation

### **Long-Term Incentive Tied to Environment**



### **Annual Incentive Tied to ESG Issues**



Source data from Meridian 53

## Recognized for Excellence













2022 National Key Accounts Award

















Projects (EVs)

**Xcel** Energy®