



**Clean Energy Partnership  
Q2 EVAC Meeting  
May 9, 2024**

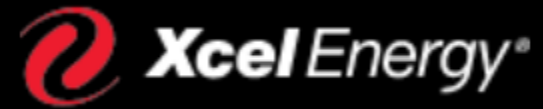


## Agenda

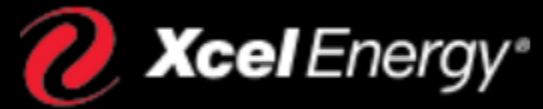
1. Welcome and Introductions
2. Review and Approve Agenda and Q1 2024 Minutes
3. Q2 Board Meeting Update
4. Climate Goals of Each Partner Organization
5. Partnership Memorandum of Understanding
6. Partner Updates



# Board Meeting Update



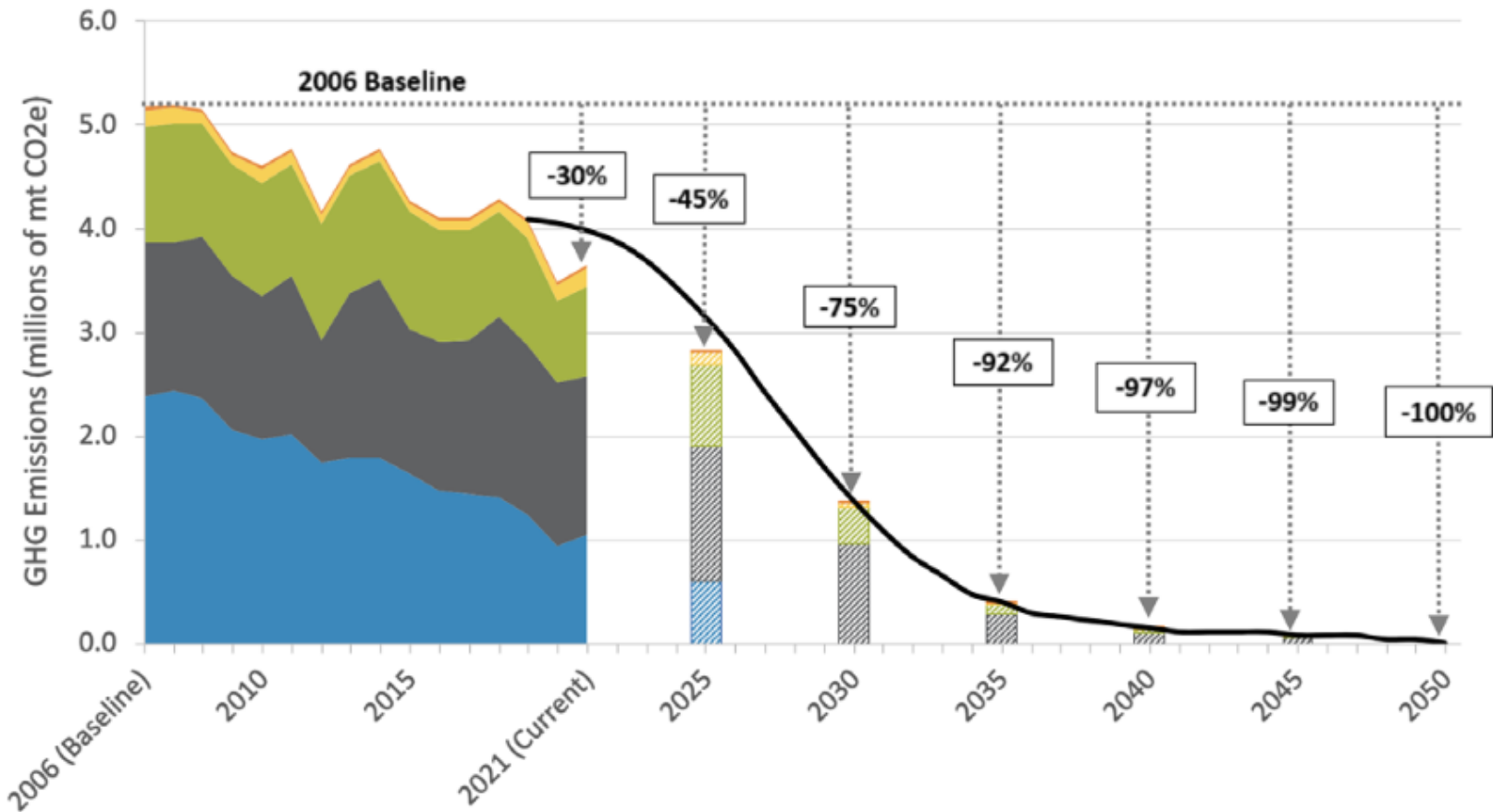
# Review of Climate Goals of Each Partner Organization



# City of Minneapolis

# Minneapolis Climate Equity Plan

Green House Gas (GHG) Emission Reduction Goals Compared to 2006 Baseline





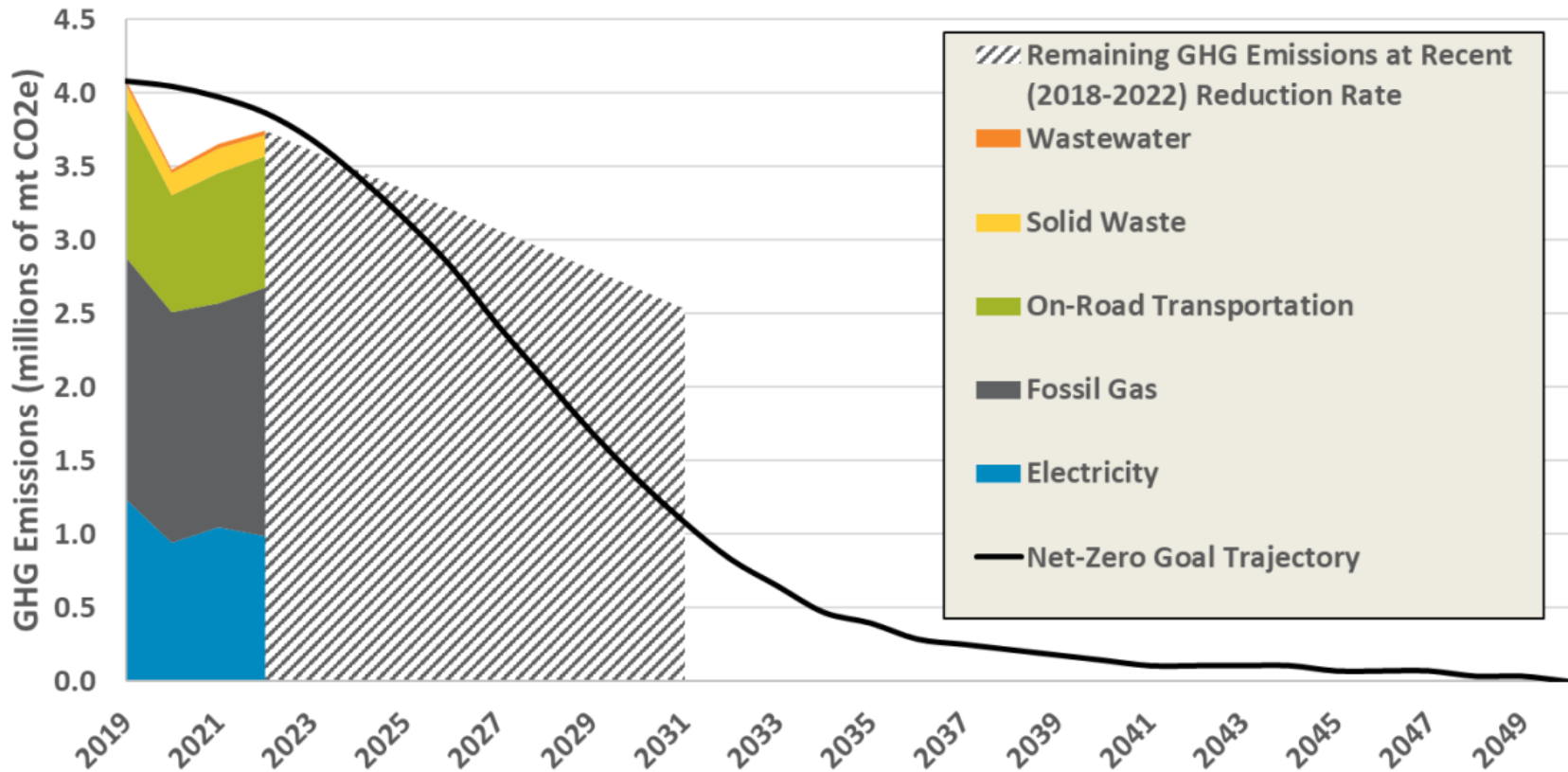
# Minneapolis Climate Equity Plan

GHG Emissions Change (Compared to 2006 Baseline Year)

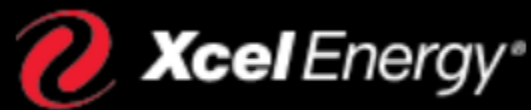
	Year	Electricity	Fossil Gas	On-Road Transportation	Solid Waste	Wastewater	OVERALL
Current Yr	2022	-58%	13%	-19%	-7%	-31%	-28%
Goal Yr	2025	-75%	-10%	-30%	-25%	-45%	-45%
	2030	Carbon-Neutral	-35%	-70%	-70%	-75%	-75%
	2035	Carbon-Neutral	-80%	-91%	-91%	-93%	-92%
	2040	Carbon-Neutral	-93%	-97%	-97%	-97%	-97%
	2045	Carbon-Neutral	-97%	-97%	-98%	-98%	-99%
	2050	Carbon-Neutral	Carbon-Neutral	Carbon-Neutral	Carbon-Neutral	Carbon-Neutral	Carbon-Neutral

# Minneapolis Climate Equity Plan

Carbon Budget Exhausted in 2031 under Current Level of Climate Action







# Xcel Energy

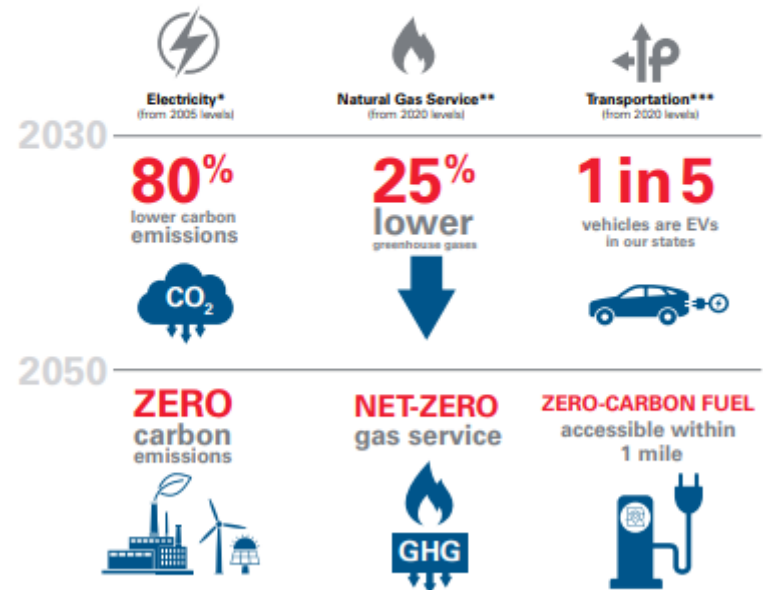


# Review of Climate Goals for Xcel Energy

Xcel Energy is the first U.S. energy provider to set goals for addressing all the ways our customers use energy – electricity, heating and transportation. We aim to be a net-zero energy provider by 2050, including providing 100% carbon-free electricity to our customers.

## Net-Zero Energy Provider by 2050

Goals that cover the most significant ways our customers use energy



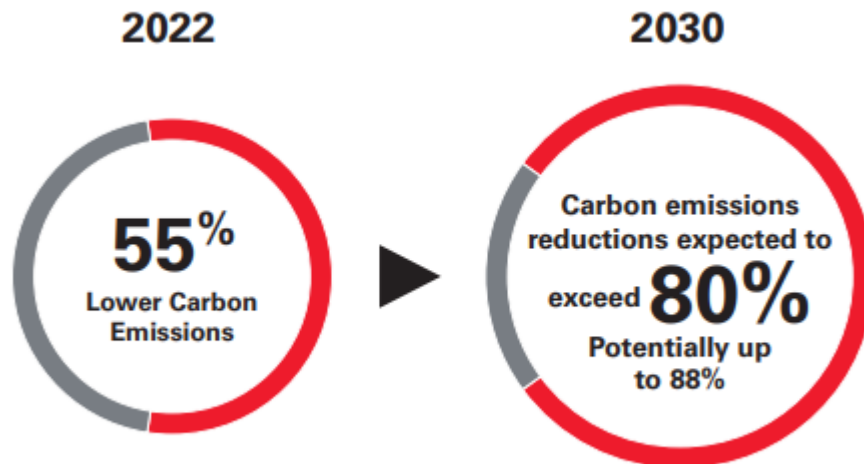
\*Companywide goal; work also underway to meet state clean energy goals in our service area.

\*\*Spans natural gas supply, delivery and customer use

\*\*\*Includes the Xcel Energy fleet; zero-carbon fuel is electricity or other clean energy

## Review of Climate Goals for Xcel Energy

Xcel Energy's Upper Midwest Energy Plan is a roadmap to a cleaner energy future for the region. The plan will lead to an 85% reduction in carbon emissions from the electricity provided to customers by 2030 compared to 2005.

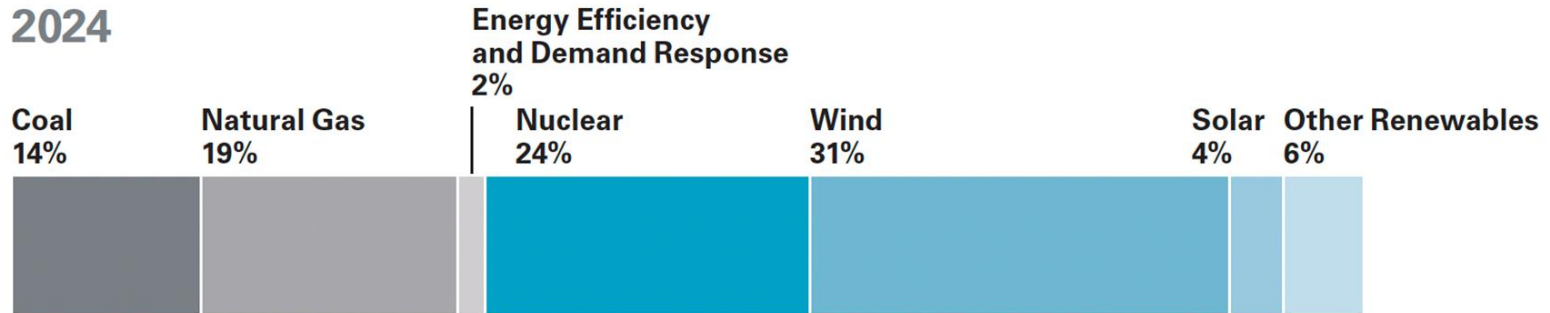


\*Carbon emissions reductions from electricity serving Upper Midwest customers since 2005-2022 and modeled 2030 reductions under the Upper Midwest Energy Plan.

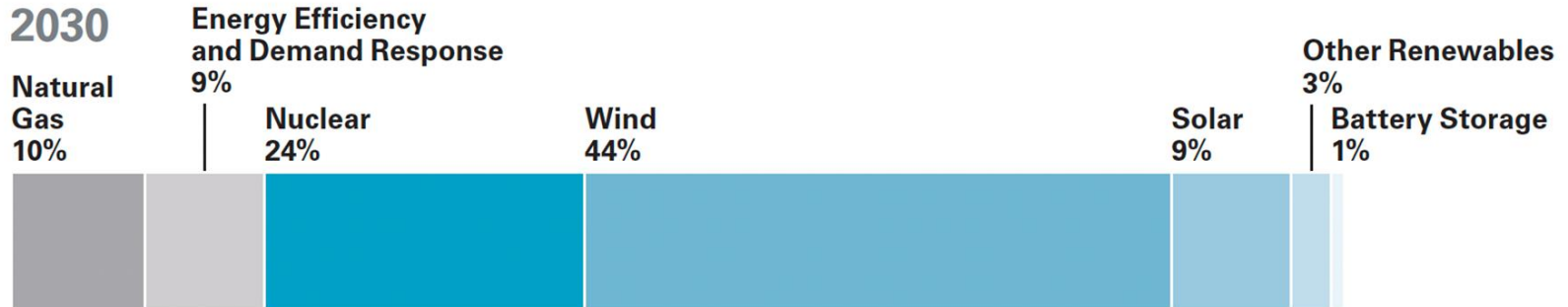
2023 Emissions 57%  
lower than 2005

# Xcel Energy - Energy Mix

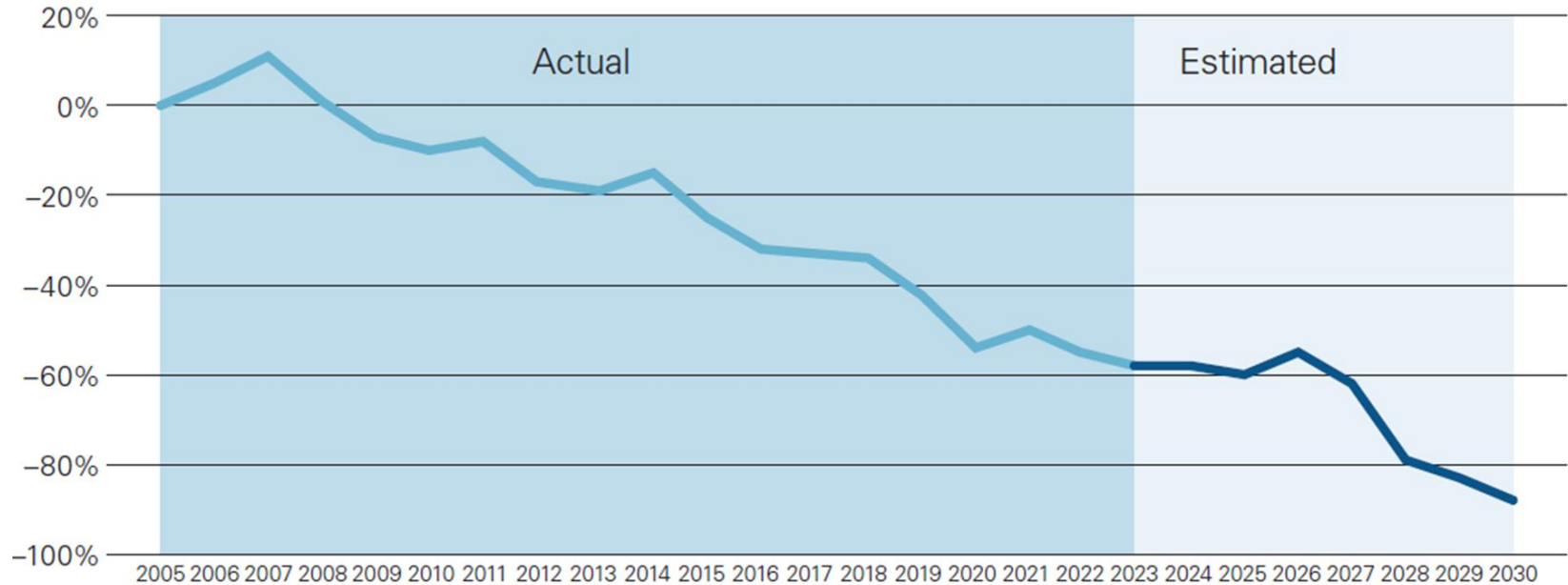
**2024**



**2030**



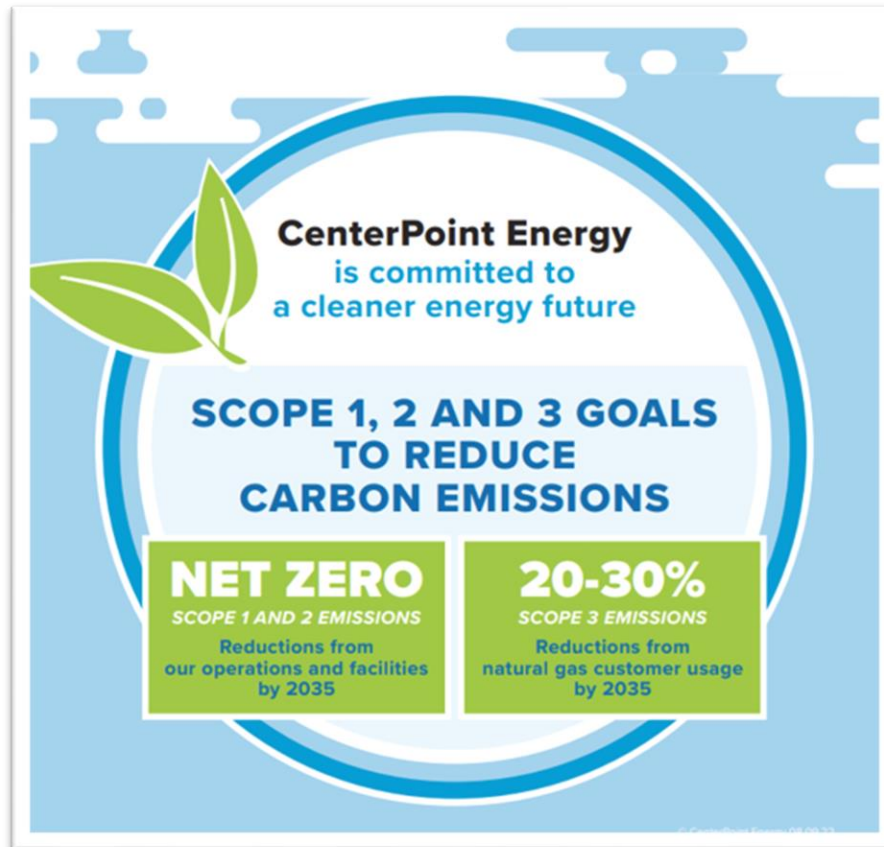
## Xcel Energy - Projected CO2 Emissions





# CenterPoint Energy

## Emissions reduction goals



- Companywide goals for emissions associated with our operations and facilities
- Decarbonization efforts make progress toward Scope 3 goals

# Companywide Scope 3 emissions reduction strategies

## SCOPE 3 CUSTOMER END-USE GOAL BY 2035



*\*As measured from Form EIA-176 for residential and commercial customers*



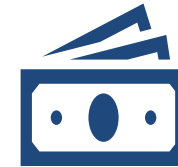
# Using energy more efficiently to reduce emissions



Nearly **30 years** of efficiency programs



Reduced **15.2 million metric tons** of emissions



Customers have saved over **\$2.1 billion**

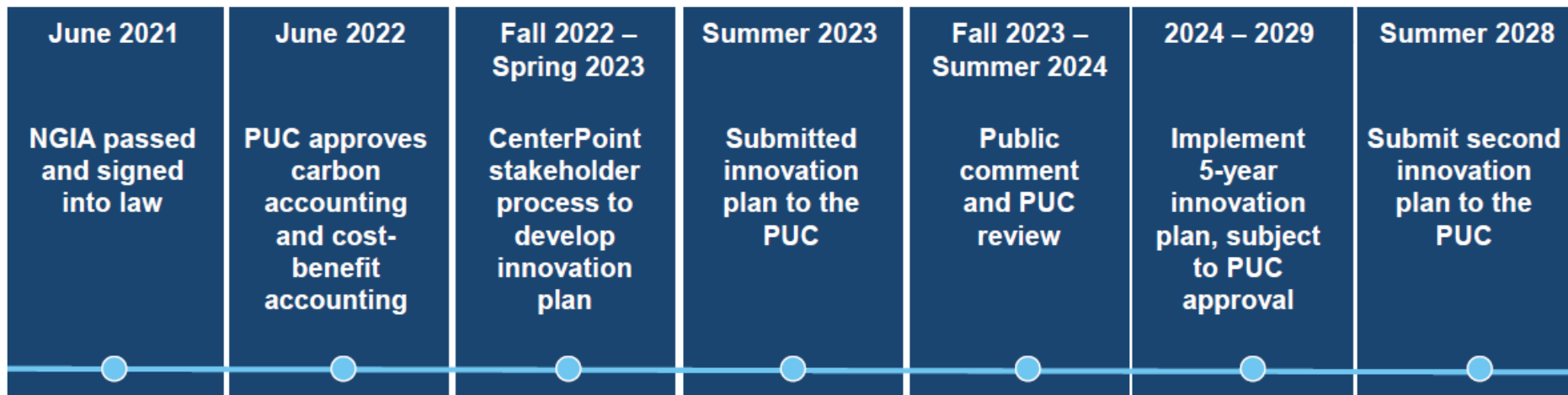


Energy use of **3 million** Minnesota homes



Removing **2.6 million** cars from our roads

# Innovation plan timeline



- Initial comment period closed: 1/15/24
- Reply comment period closed: 3/15/24
- Supplemental comment period closes: 5/15/24

# Our innovation plans value to Minnesota



Advances emerging technologies for long-term emissions reductions



Creates an estimated 3,000 full time equivalent jobs



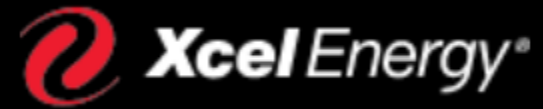
Reduces 1.2 million metric tons of CO<sub>2</sub>e over the lifetime of the proposed projects



Reuses and reduces waste



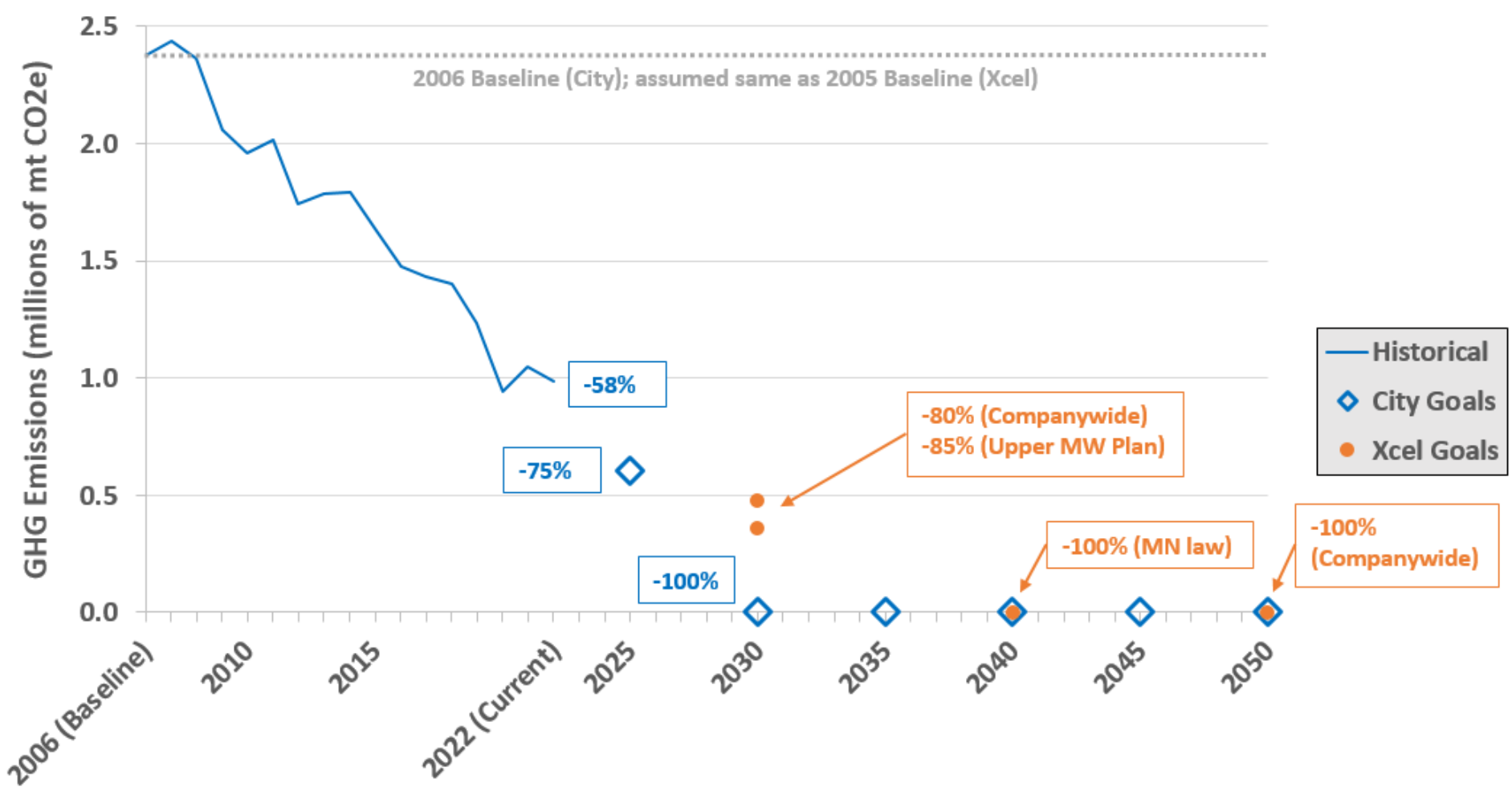
Invests in made-in-Minnesota low- and zero-carbon resources



## Comparison of Utility Goals against City Goals

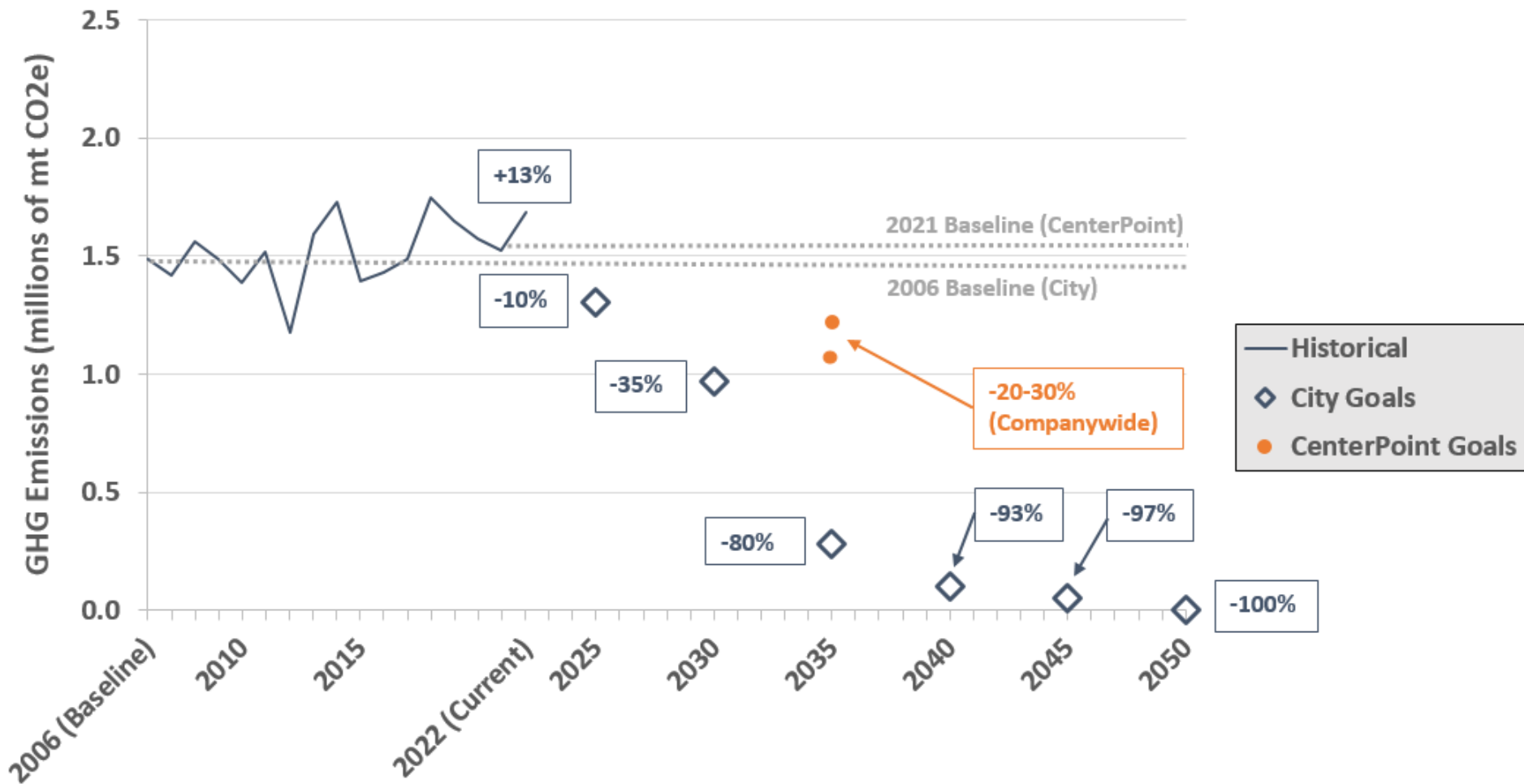


### Climate Goals (Electricity) - City of Minneapolis and Xcel Energy (\*applied to Mpls)





### Climate Goals (Fossil Gas) - City of Minneapolis and CenterPoint Energy (\*applied to Mpls)





# EVAC Recommendations on Partnership MOU



# Partner Updates





# Adjourn

Next EVAC Meeting  
Q3 2024