



# Energy Vision Advisory Committee Q3 Meeting September 29, 2021



## Agenda

1. Welcome and Introductions
2. Review and Approve Agenda and Q2 Minutes
3. Board Meeting Recap
4. Community Voices
5. EVAC Recruitment/Application TimeLine
6. 2020 Annual Report
7. Work Plan Update
8. Partner Updates
  1. 100% Renewable Electricity



# Board Meeting Recap



# Community Voices



# EVAC Recruitment/Application Timeline



# 2020 Annual Report

## 2020 Overview

### Energy Efficiency

- Eco Act – **passed in 2021**
- Increased Incentives for Rebuilding
- Virtual Option for Home Energy Squad
- Utility coordination on Commercial Audits
- Instant Rebates for Insulation
- Over **\$14 M** in Utility Conservation Improvement Program incentives in Minneapolis

### Economic Recovery & Workforce Development

#### Xcel Energy

- **\$17.5M** Payment Arrearage Forgiveness - **approved**
- **\$8M** Resilient Minneapolis
- **\$6M** Workforce Training (Mpls/St. Paul w/CIP)
- **\$4M** Minneapolis Workforce Training & Development Pilot

#### CenterPoint Energy

- High-Tech Test Kitchen
- Workforce Development
- Hydrogen Projects
- RNG project

### Minneapolis CEP 2019-2021 Work Plan

- Energy Efficiency
- Renewable Electricity
- Energy Disclosure/Time of Rent
- Carbon Capture
- Workforce Development
- Inclusive Financing

### Decarbonizing Natural Gas

- Natural Gas Innovation Act – **passed in 2021**
- G21 – Decarbonizing MN NG End Uses Stakeholder Group

### Renewable Electricity

- Low Income Solar Garden – **approved**

### Xcel Energy Adjusted

#### Resource Plan Goals

- 86% Carbon Emissions Reductions by 2030

Covid-19

Civil Unrest



### Greenhouse Gas Emissions (Community-wide)

**GHG reduction goal of 30% by 2025:**  
32% reduction since 2006; achieved 2025 goal but unknown if on track due to 2020 impacts from the pandemic



Score: YELLOW

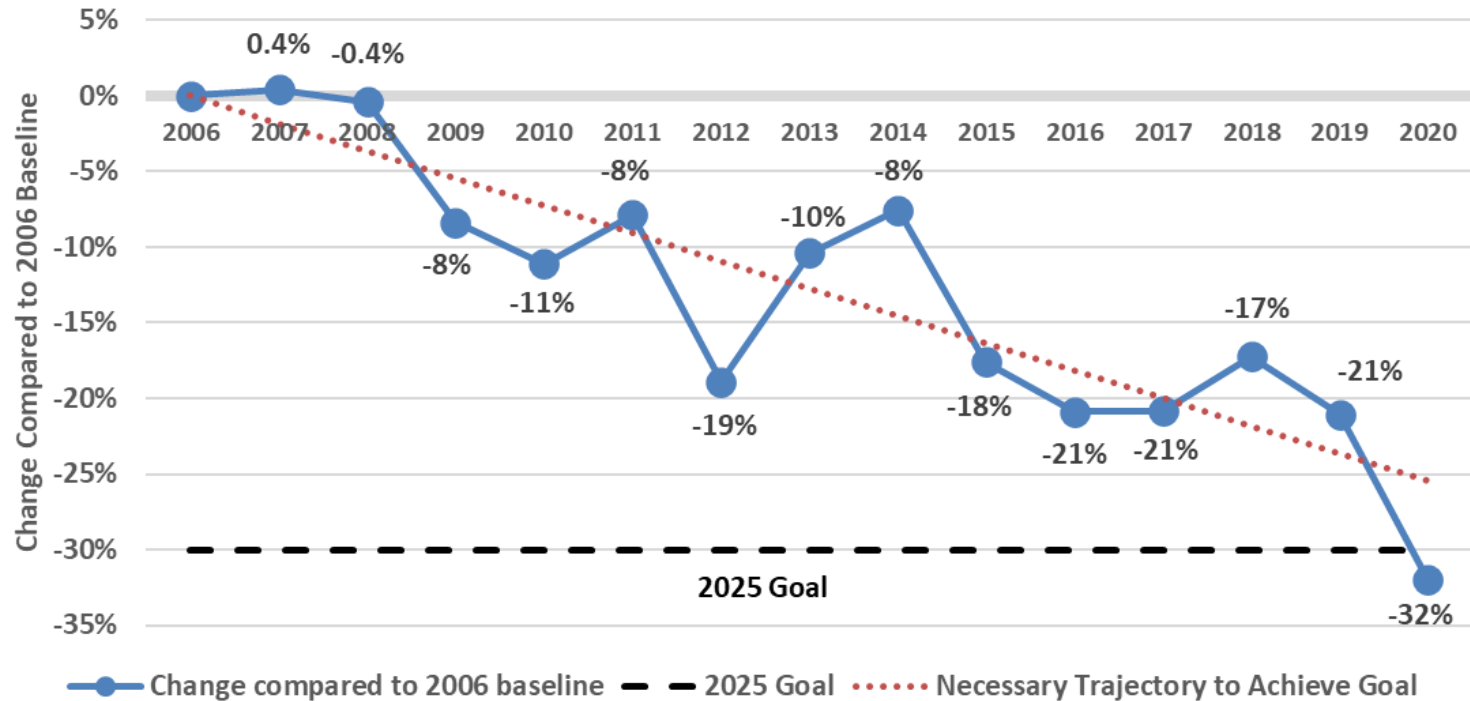


### Greenhouse Gas Emissions (Community-wide)

**GHG reduction goal of 80% by 2050:**  
32% reduction since 2006; not on track for 2050 goals

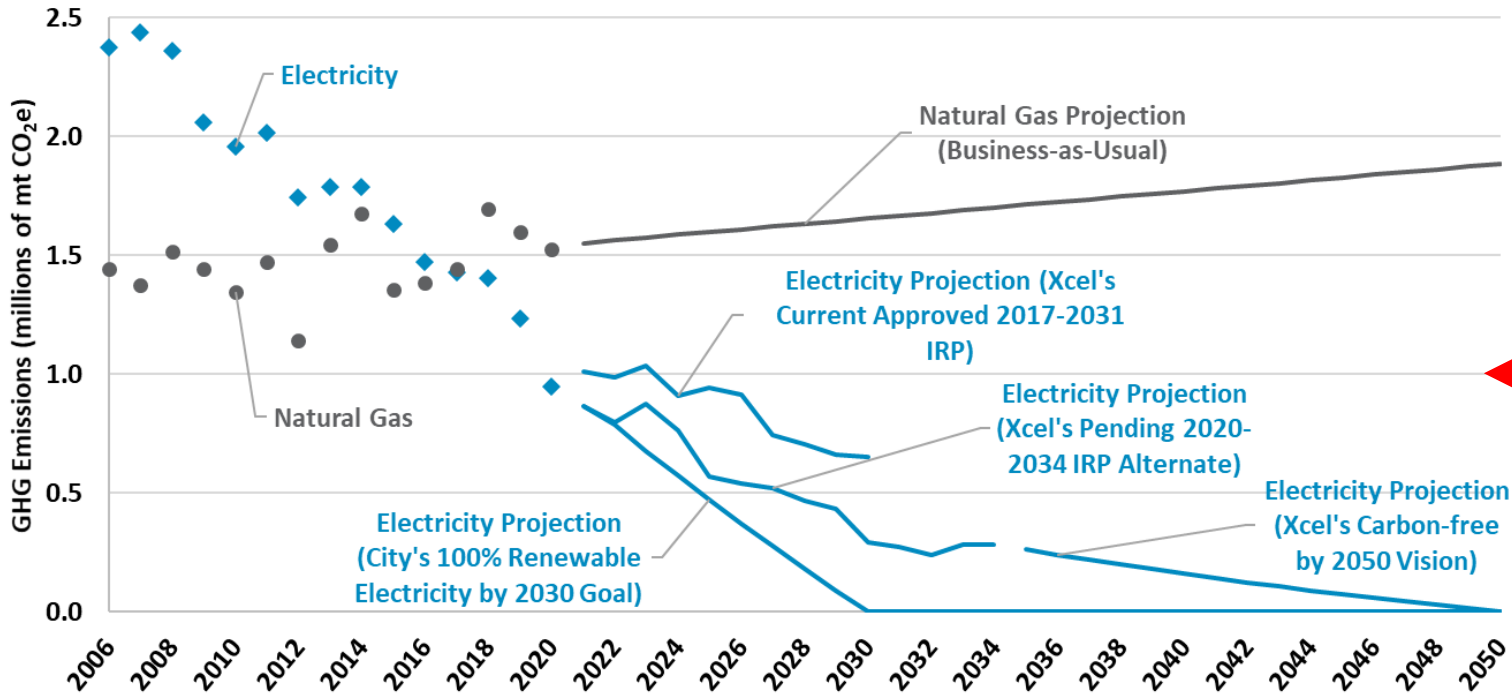


Score: RED





### GHG Emissions Scenarios for Electricity and Natural Gas



← **2050 Goal**  
**ALL total GHG emissions need to be <~1M**



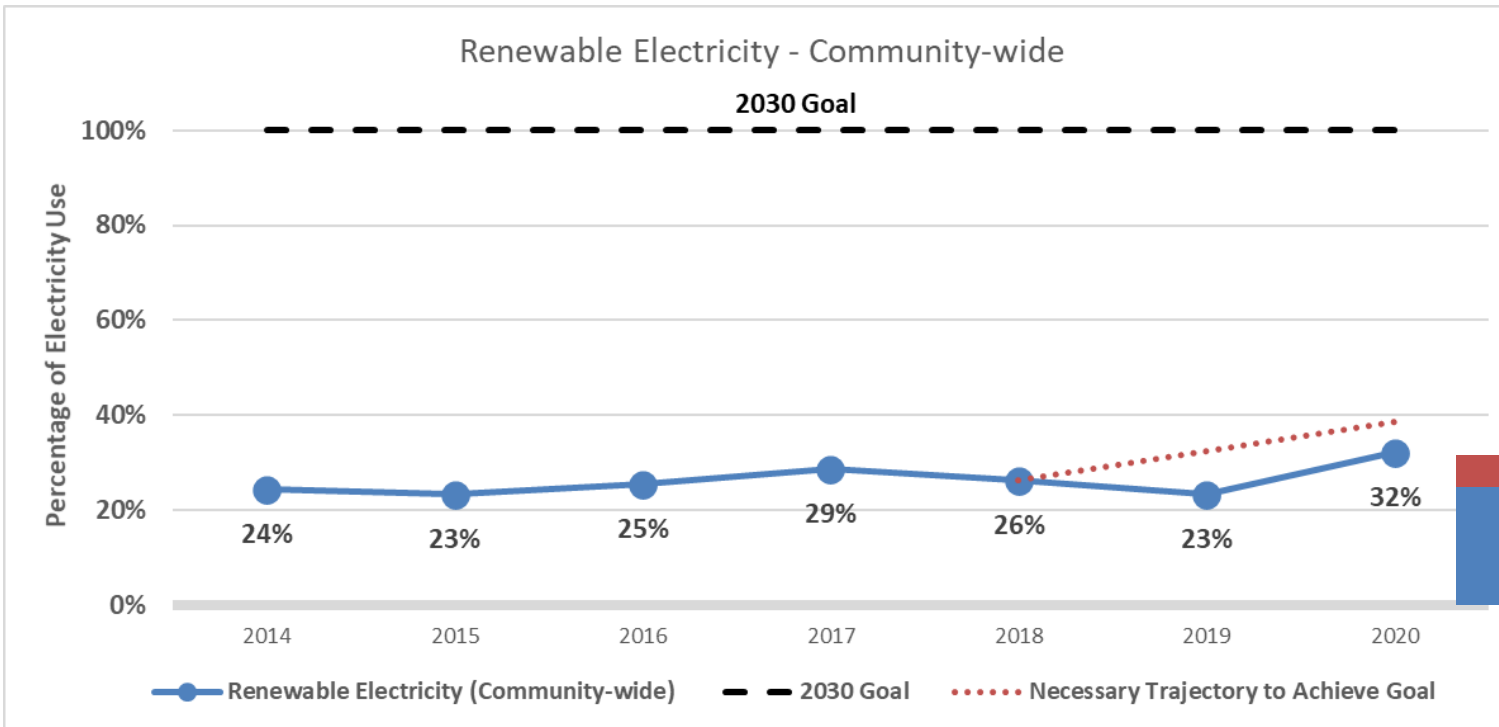
## Renewable Electricity (Community-wide)

100% of renewable electricity use by 2030:

32% in 2020 and not on track



Score: RED



Local Actions: 7%

Adj. Grid Mix: 25%



## Renewable Electricity (Local and Directly Purchased)

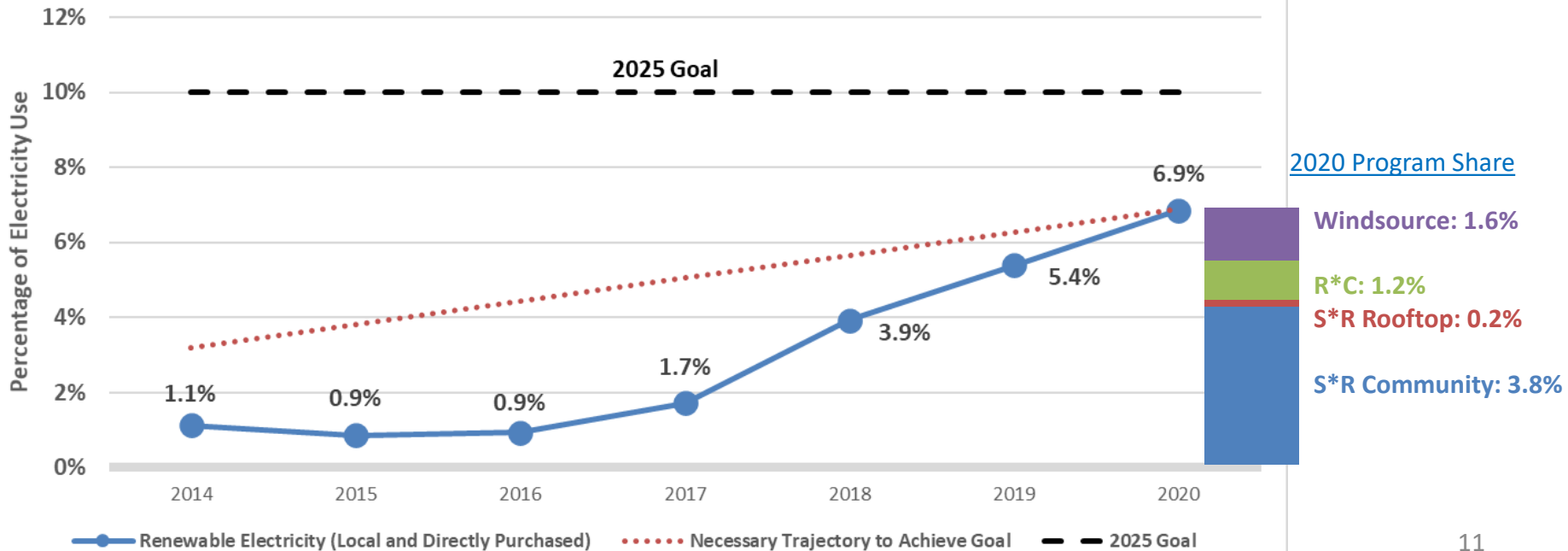
10% of renewable electricity use by 2025:

6.9% in 2020 and on track



Score: GREEN

### Renewable Electricity - Local and Directly Purchased





# 2020 Annual Report (Supplemental Slides)



### Greenhouse Gas Emissions (Community-wide)

**GHG reduction goal of 30% by 2025:**  
32% reduction since 2006; achieved 2025 goal but unknown if on track due to 2020 impacts from the pandemic



Score: YELLOW



### Greenhouse Gas Emissions (Community-wide)

**GHG reduction goal of 80% by 2050:**  
32% reduction since 2006; not on track for 2050 goals



Score: RED



### Greenhouse Gas Emissions (Municipal Operations)

**GHG reduction goal of 1.5% annually:**  
62% reduction since 2008 and on track



Score: GREEN



### Energy Use (Residential)

**15% energy consumption reduction by 2025:**  
4% decrease compared to growth baseline; unknown if on track due to annual variations



Score: YELLOW



### Energy Use (Commercial and Industrial)

**20% energy consumption reduction by 2025:**  
4% decrease compared to growth baseline; not on track



Score: RED

## Metrics Scorecard (Climate and EE Goals)

# Metrics Scorecard

## (Renewable Electric Goals)



### Renewable Electricity (Community-wide)

100% of renewable electricity use by 2030:

32% in 2020 and not on track



Score: RED



### Renewable Electricity (Municipal Operations)

100% of renewable electricity use by 2022:

88% in 2020 and on track



Score: GREEN



### Renewable Electricity (Local and Directly Purchased)

10% of renewable electricity use by 2025:

6.9% in 2020 and on track



Score: GREEN



# Work Plan Development Update



## City Priorities to focus next work plan

1. **30% Local, Distributed Solar by 2030**
2. **Beneficial Electrification of Natural Gas End Uses**
3. **Deep Energy Efficiency with Community Benefits**

## Partners' Strategy

- **Fewer projects, but with a LARGER Impact**
- **Increase equity and inclusion**
- **Greater engagement and collaboration with EVAC**
- **Rolling development and implementation of some activities to align with NGIA & ECO timelines and engagement in Regulatory Processes**





# Other Partner Update



**Adjourn**