



Energy Vision Advisory Committee

Q3 Meeting

September 17, 2020



Agenda

1. Welcome and Introductions
2. Review/Approve Agenda and Minutes
3. CEP Q3 Board Recap
4. 2019 Annual Report - *EVAC Discussion*
5. COVID-19 and Minneapolis Rebuilding - *EVAC Discussion*
6. Partner Updates
 1. Xcel Energy Electric Vehicle Vision
 2. Xcel Energy Time of Use Pilot

Adjourn



CEP Q3 Board Recap



2019 Annual Report

Metrics Scorecard


Climate and Energy Eff. Goals

Renewable Electricity Goals




Greenhouse Gas Emissions (Community-wide)
 GHG reduction goal of 30% by 2025 and 80% by 2050: 19% reduction since 2006; not on track for 2025 and 2050 goals, but achieved 2015 goal

Metric 1
 Score: RED




Renewable Electricity (Community-wide)
 100% of renewable electricity use by 2030: 24% in 2019 and not on track

Metric 5
 Score: RED




Greenhouse Gas Emissions (Municipal Operations)
 GHG reduction goal of 1.5% annually: 58% reduction since 2008 and on track

Metric 2
 Score: GREEN




Renewable Electricity (Municipal Operations)
 100% of renewable electricity use by 2022: 88% in 2019 and on track

Metric 6
 Score: GREEN



Energy Use (Residential)
 15% energy consumption reduction by 2025: 3% increase compared to growth baseline; unknown if on track due to annual variations


Metric 3
 Score: YELLOW



Renewable Electricity (Local and Directly Purchased)
 10% of renewable electricity use by 2025: 5.7% in 2019 and unknown if on track

Metric 7
 Score: YELLOW

Note: metrics categorized as "yellow" lack enough data to determine outcomes at this time.



Energy Use (Commercial and Industrial)
 20% energy consumption reduction by 2025: 3% increase compared to growth baseline; not on track

Metric 4
 Score: RED

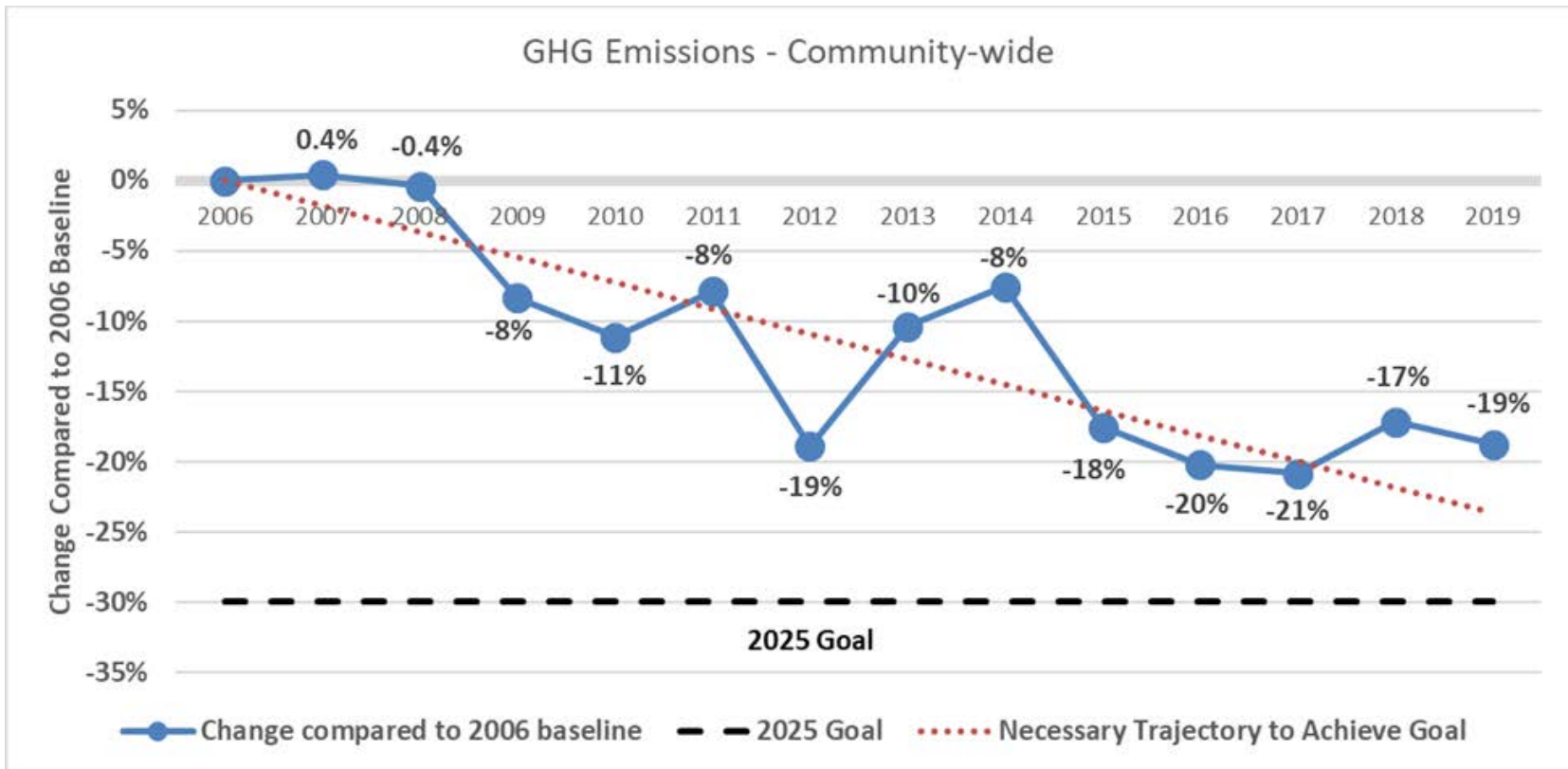


Greenhouse Gas Emissions (Community-wide)

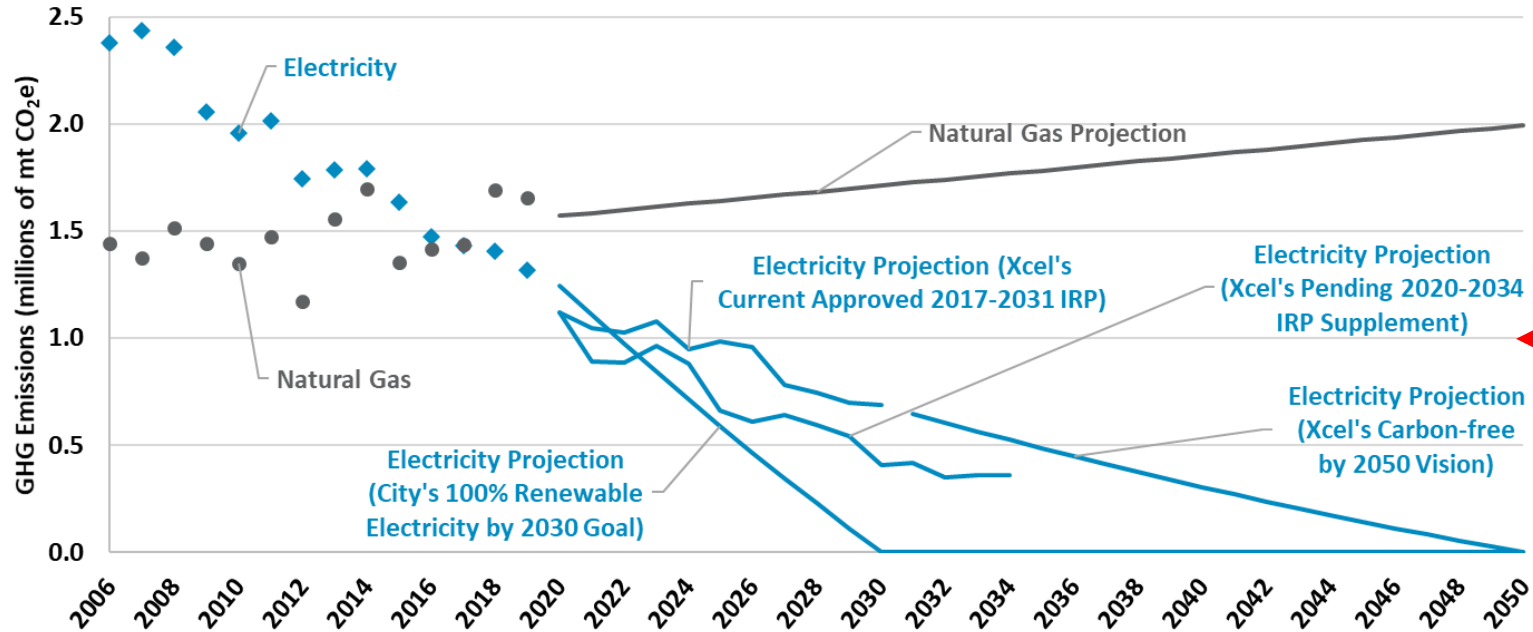
GHG reduction goal of 30% by 2025 and 80% by 2050:
 19% reduction since 2006; not on track for 2025 and 2050 goals, but achieved 2015 goal



Score: RED



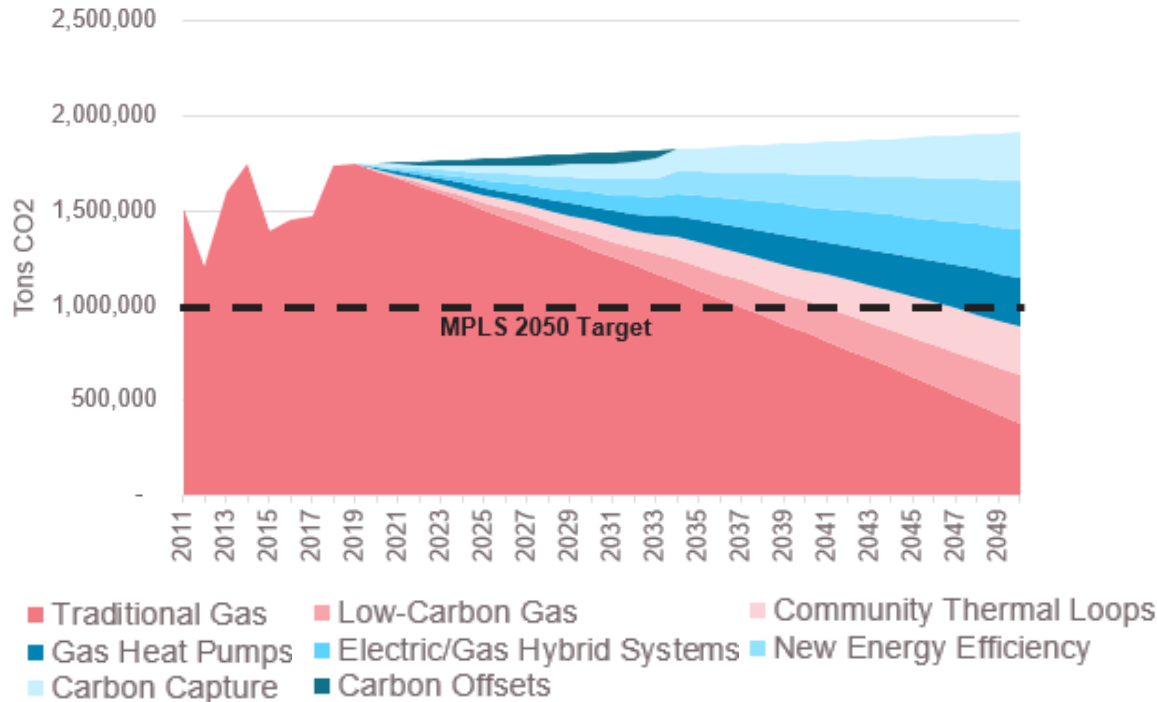
GHG Emissions Scenarios for Electricity and Natural Gas



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

COMMITTED TO MINNEAPOLIS: IMAGINING AN ENERGY FUTURE

Hypothetical Future Utilizing New Strategies and Technologies?



CenterPoint Energy 2019 Activities:

- \$7.9 Million spent on CIP in Minneapolis
- CEP Activities Progress:
 - Natural Gas (NG) Efficiency
 - Inclusive Financing
 - Data Disclosure Tools
 - Carbon Capture Pilot
- Renewable Natural Gas (RNG)
 - Green Tariff Proposal
 - Interconnect Proposal
 - Stakeholder Engagement
- Decarbonizing NG End Uses
 - Rocky Mountain Institute e-Lab Accelerator
 - MN G21 Group
- CNP Carbon Policy
- Natural Gas Innovation Act



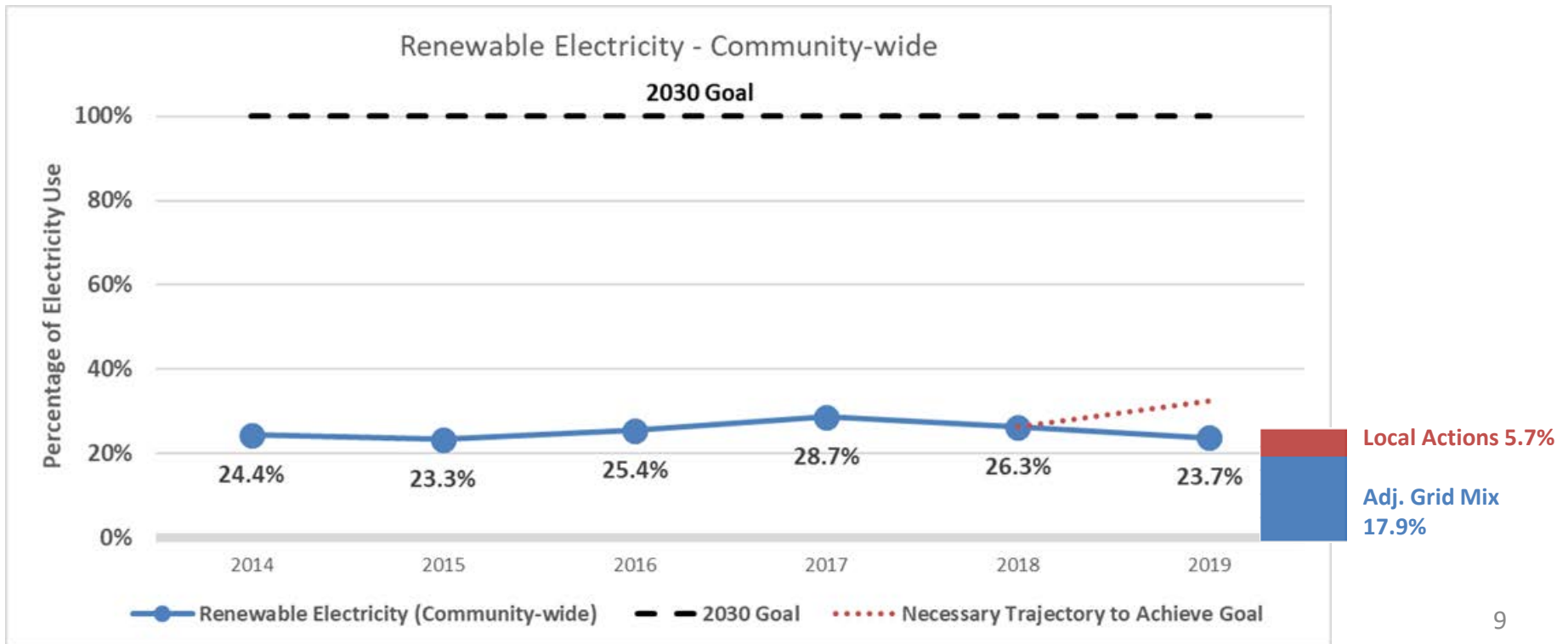
Renewable Electricity (Community-wide)

100% of renewable electricity use by 2030:

24% in 2019 and not on track

Metric
5

Score: RED





Renewable Electricity (Local and Directly Purchased)

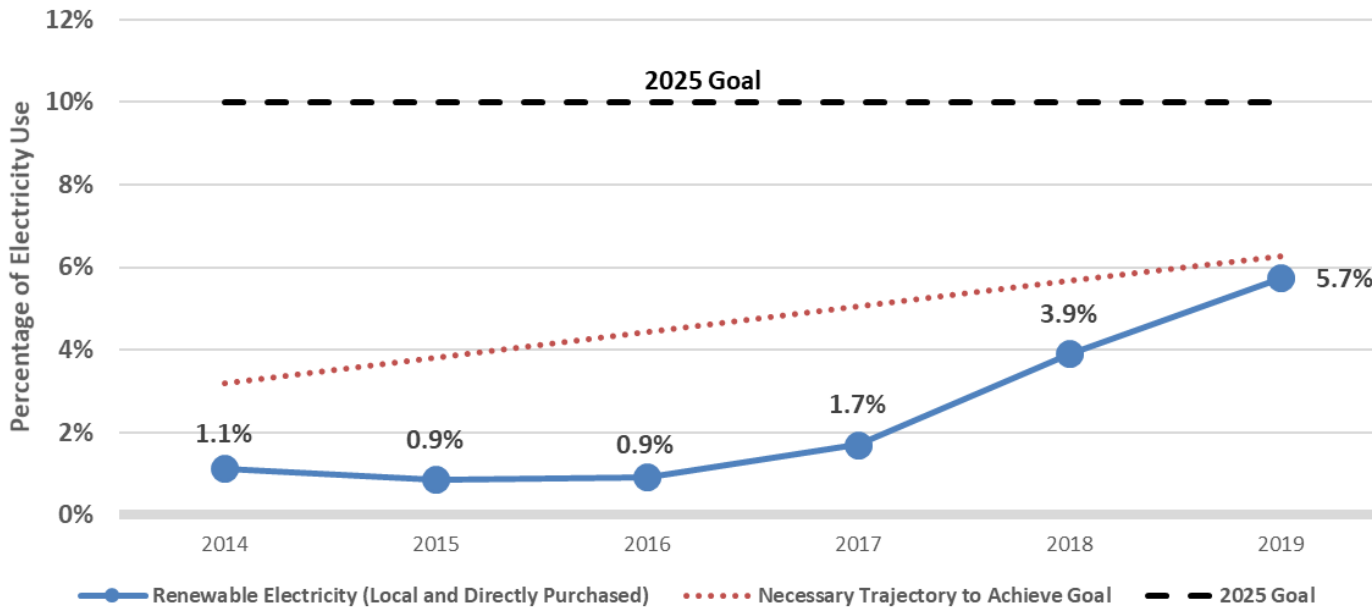
10% of renewable electricity use by 2025:

5.7% in 2019 and unknown if on track

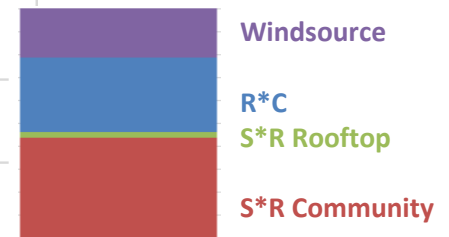
Metric
7

Score: YELLOW

Renewable Electricity - Local and Directly Purchased



2019 Program Share





2019-2021 Work Plan Partnership Activity Progress

EE.1 REDUCE NATURAL GAS USE FOR RESIDENTIAL CUSTOMERS	EE. 5 SUPPORT RESIDENTIAL ENERGY DISCLOSURE POLICIES BY MAKING DATA ACCESSIBLE WITH TOOLS	RE. 2 ACHIEVE 100% RENEWABLE ELECTRICITY FOR CITY ENTERPRISE AND COMMUNITY PATHWAY
EE.2 REDUCE ENERGY USE FOR HIGH ENERGY SAVING POTENTIAL COMMERCIAL CUSTOMERS	RE. 1 INSTALL ELECTRIC VEHICLE INFRASTRUCTURE FOR CITY FLEET	RE. 3 PROVIDE SOLAR GARDEN AND ENERGY EFFICIENCY OPPORTUNITIES FOR LOW-INCOME COMMUNITIES
EE.3 PURSUE ENERGY EFFICIENCY “PERFORMANCE PATH” AT CITY FACILITIES	WD.1 IMPROVE EQUITABLE ACCESS TO CLEAN ENERGY JOBS	IF.1 IMPROVE ACCESS TO ENERGY EFFICIENCY BY PROVIDING INCLUSIVE FINANCING
EE. 4 FIELD TEST ENERGY EFFICIENCY AND CARBON CAPTURE TECHNOLOGY		



EVAC Co-Chair Update



COVID-19 and Minneapolis Rebuilding

Partner Impacts and Efforts



Partner Updates



Adjourn

Next EVAC Meeting - TBD