



Clean Energy Partnership Q2 Board Meeting July 11, 2022



Agenda

1. Welcome and Introductions
2. Review and Approve Agenda and Q1 Minutes
3. EVAC Co-Chair Update
4. 2022-2023 Work Plan Presentation & Adoption
5. Partner Updates



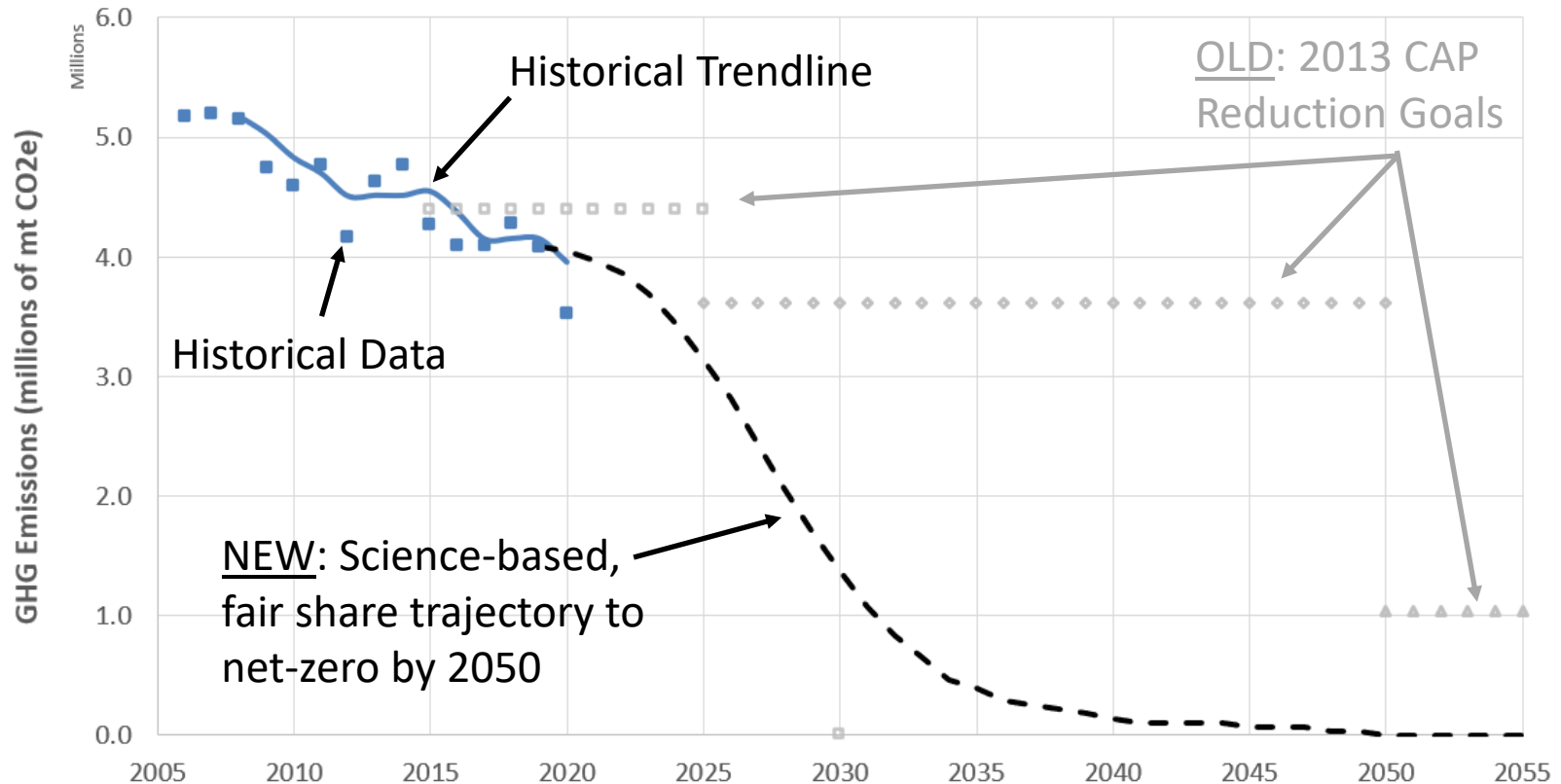
EVAC Co-Chair Update



2022-2023 Work Plan

Framing: City is calling for increased climate action, particularly this decade, to reach net-zero by 2050

Minneapolis Community-wide GHG Emissions - Historical, Trend, and Science-based Fair Share Target





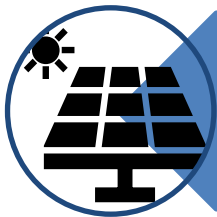
Framing: New electrification and energy efficiency tools can be available starting this year

Guidance and rules are being developed by the state for implementation of new programming enabled by ECO Act and NGIA (Ongoing in 2022)

2022-2023 Work Plan Features 3 Themes that emerged from Board, EVAC, and internal engagement since Fall 2021



DECARBONIZE HOMES VIA ELECTRIFICATION & ENERGY EFFICIENCY RETROFITS



EQUITABLY ACCELERATE IN-BOUNDARY SOLAR IN SUPPORT OF THE CITY'S 2030 GOAL OF 30% DISTRIBUTED SOLAR



IMPACTFUL REDUCTIONS IN COMMERCIAL AND INDUSTRIAL BUILDING GAS USE



Theme 1: DECARBONIZE HOMES VIA ELECTRIFICATION & ENERGY EFFICIENCY RETROFITS



Summary: Jointly increase existing efforts, launch new efforts, and integrate across programming to launch electrification programming and accelerate energy efficiency retrofits in Minneapolis.

Lead Facilitator: City of Minneapolis

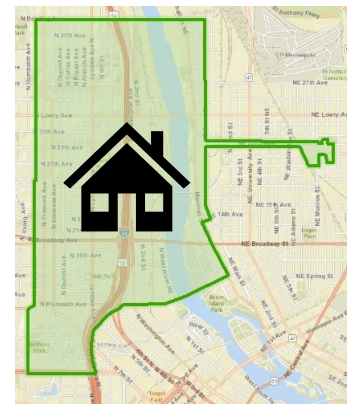
Activity: To advance residential electrification and energy efficiency, the City will create a:

1. **Home electrification guide** for motivated homeowners
2. **Programmatic concept and roadmap for comprehensive home energy efficiency and electrification** in collaboration with stakeholders (such as the utilities, EVAC, and interested members of the Peer Learning Energy Efficiency Cohort and Minneapolis Green Zones Initiative) and incorporating community co-benefits
3. **Pilot scope** needed to transition from the current state of home energy retrofits to the created concept

City Commentary

Theme 1 continues momentum from City's recently approved ARP Act Phase 2 funding, including:

- **\$2M for additional Green Cost Share funding** for energy efficiency, electrification, and solar focused on high energy-burdened areas
- **\$1M for Green Zones Weatherization** funding for rental housing, low-income owner-occupied housing, naturally occurring affordable housing, and multi-family buildings





City Commentary

Theme 1 also aims to build off learnings from the City and utilities' participation in the *Energy Efficiency Peer Learning Cohort*

Learn more about key factors that impact black homeowner, Hispanic/Latinx renter, and rental property owner/manager participation in EE programs in the Cohort's upcoming Commerce Department webinar:

[Insights to Better Serve BIPOC, low-income, and Renter Communities with Energy Efficiency Programs](#)

Wednesday, July 13, 11 am – 12 pm

[Register](#)



Theme 2: EQUITABLY ACCELERATE IN-BOUNDARY SOLAR IN SUPPORT OF THE CITY'S 2030 GOAL OF 30% DISTRIBUTED SOLAR



Summary: Collaborate to create an environment that removes barriers, innovates, and fosters new development.

Lead Facilitator: Xcel Energy

Activities:

- A. Municipal Operations Renewable Electricity**: Xcel Energy will collaborate with the City to explore novel options for how municipal operations can be served by, or receive the attributes of, new renewable electricity generation.
- B. Resilient Minneapolis Project**: Demonstrate the technical and market potential for co-installation of solar photovoltaic microgrids with backup battery storage to increase community resiliency through pilot projects at three Mpls locations
- C. In-boundary Solar Task Force**: Convene the City, Xcel Energy, and EVAC members in an intentional stakeholder process to explore opportunities to equitably expand access to and accelerate adoption of in-boundary solar, and renewable electricity more broadly.

City Commentary

1. Hearing Continued Public Frustration with Interconnection Process and Delays

- Use Task Force to track on-the-ground impact to Mpls solar projects resulting from Xcel process changes & stakeholder convenings
- For Example: Create quarterly Mpls-specific local solar summaries, similar to some other reporting Xcel currently does (example at right)

Minnesota Solar*Rewards Community®
Status Report | June 2022
PROJECT STATUS

- MNDIP Applications = 659 (449 remain active)
- New Applications (2022) = 38 (37 remain active)
- Total No. of Applications under the VOS = 804 (575 remain active)

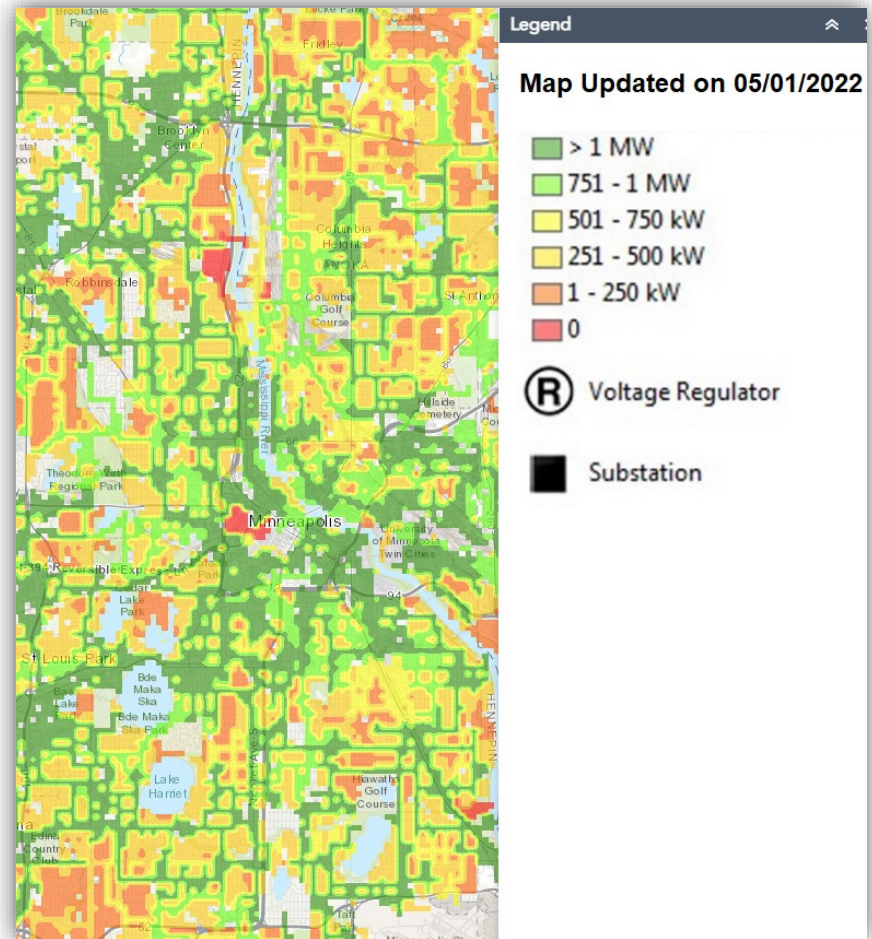
April 1, 2022	Project Sites	MW (AC)
TOTAL	883	*1,261+
Completed Projects	433	837
In Progress Applications	450	*424+
IN PROGRESS APPLICATION SUMMARY		
Application	37	*20+
Engineering Review	296	293
On Hold for Sequential Review (4 Dispute)	190	189
In Process (13 Modification Review)	90	88
Interconnection Agreement	15	14
Pre-MNDIP	2	2
Design & Construction	104	98

*Applications prior to submission may not have a value, therefore this is a minimum.

City Commentary

2. Utilize and Improve Hosting Capacity in the City

- Lots of capacity currently exists in Mpls (see at right)
- Use Task Force to quantify aggregate unused capacity and collaborate to maximize urban solar build-out, especially given growing exurban / rural resistance and capacity constraints for utility-scale projects





Theme 3: IMPACTFUL REDUCTIONS IN COMMERCIAL AND INDUSTRIAL BUILDING GAS USE



Summary: Increase existing efforts and launch new ones to accelerate GHG reduction from gas usage in the C/I sectors, the largest user of energy in Minneapolis and therefore the largest emitting fuel source in the City.

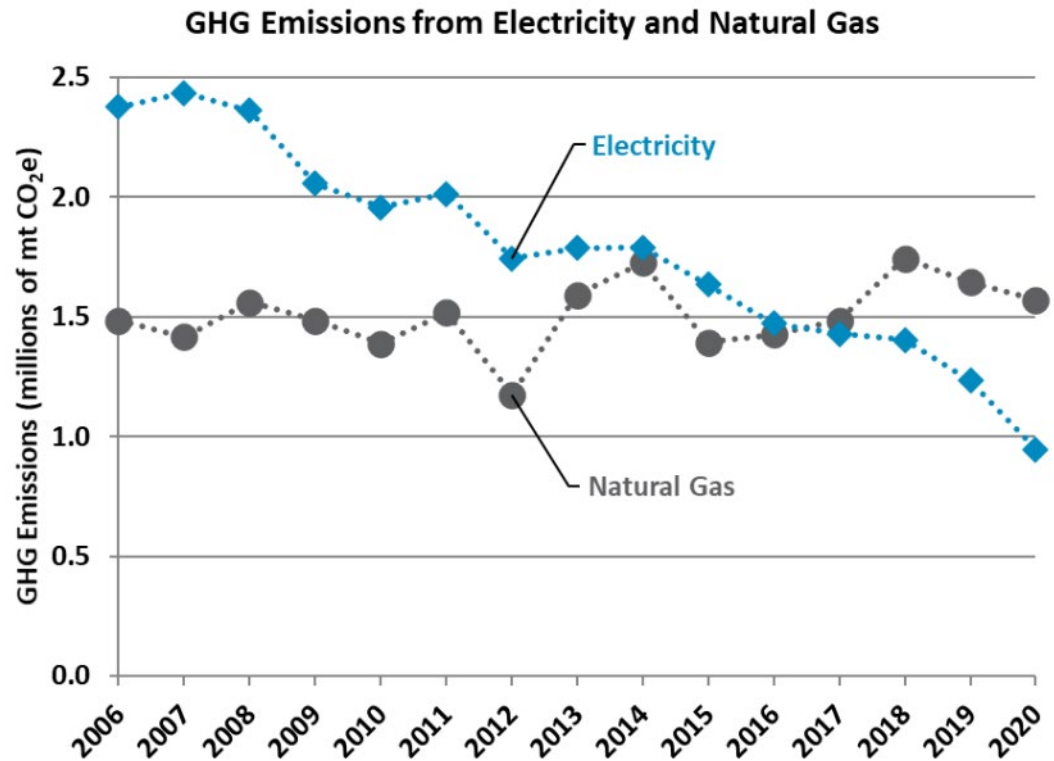
Lead Facilitator: CenterPoint Energy

Activities:

- A. Leverage Existing Partnership Resources:** CenterPoint and the City commit to increase participation and energy savings through CIP and decrease GHG emissions from C/I buildings within the City.
- B. New Electrification and Decarbonization Opportunities:** CenterPoint will partner with Hennepin County to develop, evaluate, and consider opportunities to decarbonize their downtown district energy center (adjacent to US Bank Stadium).
- C. TBD for Q3 Board Meeting: Additional action on GHG reductions led by CenterPoint**

City Commentary

- Gas emissions are still increasing, bending the curve down must begin immediately
- This requires real emissions reduction action now, not just the intent for future ideas and solutions



CEP's [2020 Annual Report](#)



City Commentary

For Theme 3 to Meet the Moment, it must have:

1. A CenterPoint commitment to a tangible, impactful action during 2022/2023 that results in near-term GHG savings
2. A CenterPoint energy savings goal for C/I sectors by 2023 that reflects the urgency and ambition needed for our climate emergency



Partner Updates



Adjourn

Next Board Meeting
Q3 2022

Tuesday, September 20
9:00 – 11:00 AM
Public Service Building

505 S 4th Ave, Minneapolis, MN 55415 [Room 100]