



**Clean Energy Partnership
Q2 EVAC Meeting
June 8, 2022**



Agenda

1. Welcome & Introductions (Beth)
2. Approve Agenda and Q1 Meeting Notes (Beth)
3. EVAC Poll: Should Q3 meeting be held in person or virtual? (Luke)
4. Quick Updates (Planning Team)
5. Work Plan Update & Discussion (Planning Team)
6. Community Voices (Patty)
7. Work Plan Theme: Impactful reductions in Commercial/Industrial Natural Gas Use (Emma)



Quick Updates



Work Plan Development Update



Framing

2022 IS A YEAR OF TRANSITIONS

1. 3 new CEP Board members from the City
2. City has begun implementation of more aggressive science-based, fair share GHG emissions reduction goals, requiring substantially greater reductions in the 2020's than previous goals
3. City will update its 2013 *Climate Action Plan* to become a *Climate Action and Equity Plan* (engagement throughout 2022, adoption likely in early 2023)
4. Guidance and rules are being developed by the state for implementation of new programming enabled by ECO Act and NGIA (Ongoing in 2022)



EVAC Engagement Plan

Goal: To provide EVAC members opportunities to meaningfully engage in CEP Work Plan development and implementation while balancing individual members' interests and capacity.

- Form and organize Working Groups by Work Plan Themes to participate in the development and implementation of CEP Activities.
- Identify CEP Planning Team Leads to help coordinate engagement opportunities
- Identify EVAC Working Group members to help inform the work/focus of the Working Groups
- Leverage existing stakeholder engagement processes occurring independent of CEP
 - CenterPoint Energy's Innovation Planning (Summer)
 - Utility CIP Triennial Planning (Summer/Fall)
 - Xcel equity stakeholder group,
 - Minneapolis Climate Action Plan Update



2022-2023 Work Plan Engagement

Theme	CEP Lead	EVAC Working Group Members	Engagement Opportunities
1. Decarbonize Homes via Energy Efficiency & Electrification	City of Minneapolis	TBD	<ul style="list-style-type: none">• CIP Triennial Planning• CNP Innovation Planning (NGIA)
2. Accelerate and Maximize in-boundary solar (towards City's 30% distributed solar goal).	Xcel Energy	TBD	<ul style="list-style-type: none">• Misc. PUC dockets
3. Impactful Reductions in C/I Natural Gas Use	CenterPoint Energy	Beth, Katie, Margaret, Molly, Ansha, Elizabeth (Identified in Q1 Mtg)	<ul style="list-style-type: none">• CIP Triennial Planning• CNP Innovation Planning (NGIA)



EVAC Engagement Plan

Questions & Discussion:

- General Questions or Reflections on Engagement Plan
- Does this create the right balance of providing space for EVAC to engage while not being overly burdensome?
- Are there other resources and processes to consider going forward?
- What specific topic areas are EVAC members interested in engaging in?



Next Steps

- Planning Team to consider and incorporate today's feedback in 2022-2023 Work Plan
- Board to consider 2022-2023 Work Plan for approval Q2 (July 11)
- CEP continue to refine EVAC engagement process and coordinate Working Group activities, as applicable



Impactful Reductions in Commercial/Industrial Sector Natural Gas Use

Today's Discussion

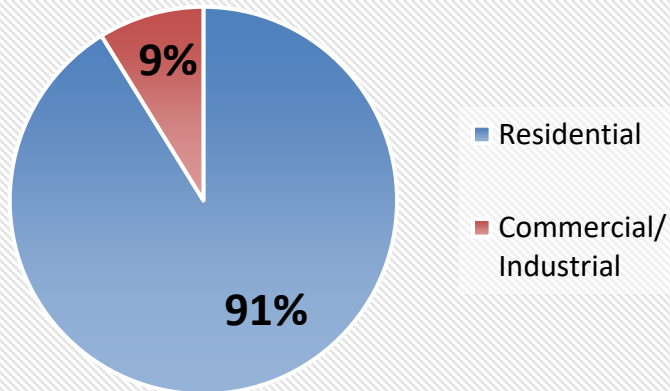
- Review Work Plan Theme
- Review Existing Conditions of C/I Sector
- Questions & Discussion:
 - EVAC Questions & Reflections on Theme and Existing Conditions Presentation
 - What are opportunities for improvement?
 - What is important to consider?
 - How will we maximize the impact?

Work Plan Theme

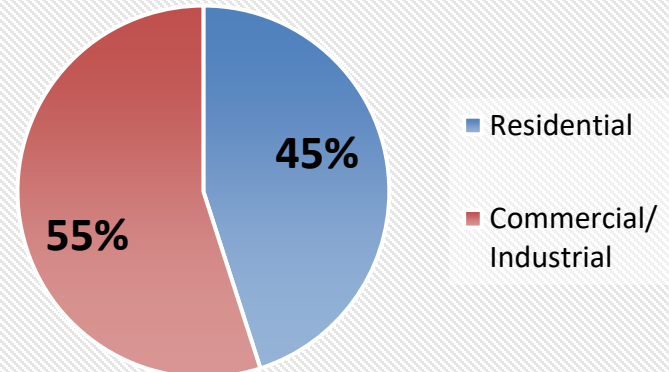
Theme	Strategies	Resources
<p>Impactful Reductions in C/I Building Natural Gas Use</p>	<ul style="list-style-type: none"> • Energy Efficiency (EE) • Beneficial Electrification (BE) • District Energy (DE) Innovations • Carbon Sequestration (CS) 	<ul style="list-style-type: none"> • CenterPoint Energy CIP - EE, BE • CenterPoint Energy Innovation Plan – EE, BE, DE • Hennepin County Energy Center Planning – DE, EE, BE • Xcel Biochar project • Minneapolis Franchise Fee Funded Programs • Others?

Minneapolis Commercial/Industrial Natural Gas Use

Percentage of MPLS Natural Gas Customer Count by Sector

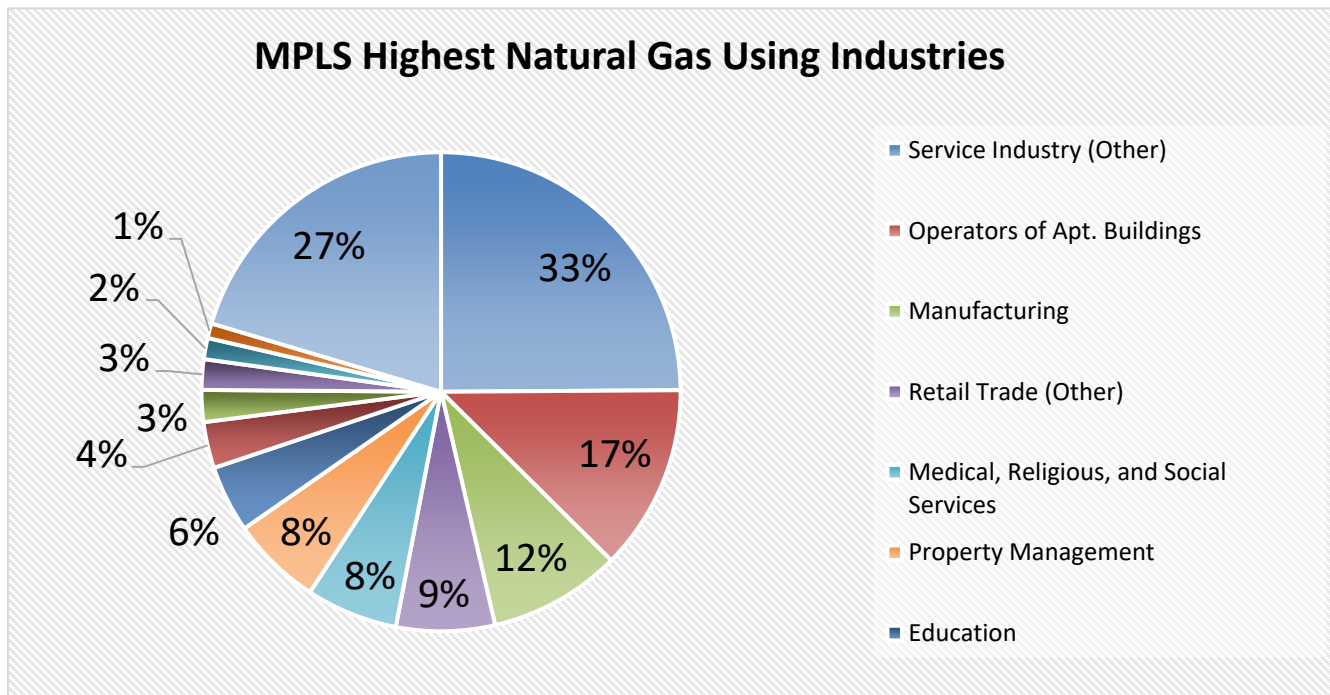


Percentage of MPLS Natural Gas Use by Customer Sector



Notes: Power generating customers were removed from the data set.

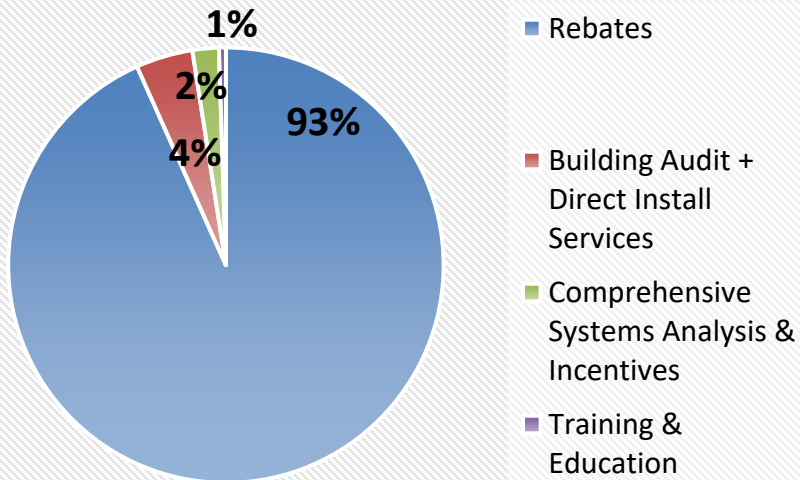
Minneapolis Commercial/Industrial Natural Gas Use



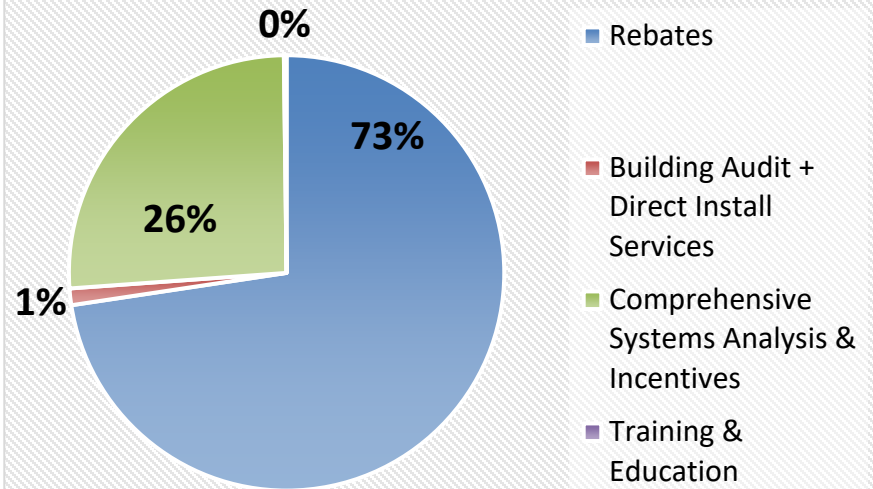
Notes: Power generating customers were removed from the data set. Industry categories were combined to protect customer privacy and anonymity.

CenterPoint Energy C/I Conservation Improvement Program (CIP) Resources

CenterPoint Energy C/I CIP Participation by Program Type



CenterPoint Energy C/I CIP Natural Gas Savings by Program Type





CenterPoint Energy C/I Conservation Improvement Program (CIP) Resources

CenterPoint Energy C/I CIP	Participation	Energy Savings (Dth)
Rebates		
Commercial Foodservice Equipment	77	6,361
Heating & Water Heating	2,160	225,594
Building Audit + Direct Install Services		
Natural Gas Energy Analysis	20	1,904
Multi-Family Building Efficiency	81	4,325
Industrial Process Steam Trap Audit	-	-
Comprehensive Systems Analysis & Incentives		
Custom Rebates	9	32,609
Energy Design Assistance	34	74,511
Industrial Process Efficiency	1	406
Recommissioning Study & Rebates	3	1,560
Training & Education		
Training & Education	1	790
Engineering & Certification	11	n/a

Questions & Discussion

- EVAC Questions & Reflections on Theme and Existing Conditions Presentation
- What are opportunities for improvement?
- What is important to consider?
- How will we maximize the impact?

Background Slides



Theme 1: DECARBONIZE HOMES VIA ENERGY EFFICIENCY & ELECTRIFICATION RETROFITS



Key Goals:

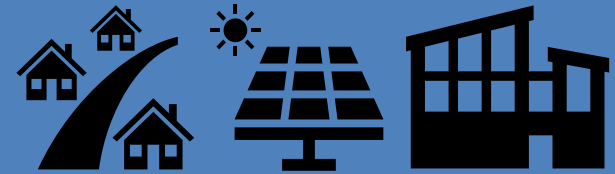
1. Increase existing efforts, launch new efforts, and integrate across programming to accelerate energy retrofits toward the City's goal of 75% of homes by 2025 (2013 CAP).
2. Integrate new electrification opportunities and leverage data from the City's recent energy disclosure policies and programs.
3. Increase the non-energy co-benefits of retrofits, such as community employment opportunities, wealth building, and increased home health and safety.

Potential Activity:

- A. Collaborative stakeholder process to inventory resources and needs, and then expand the number, depth, and breadth of comprehensive home energy retrofits over time. Build a comprehensive homeowner-centered approach catered to Mpls housing stock that guides and incentivizes homeowners toward integrated completion of EE retrofits and electrification, while also providing building community benefits.



Theme 2: TOWARD 30% LOCAL DISTRIBUTED SOLAR BY 2030



Key Goals:

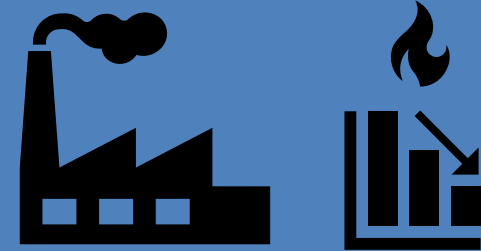
1. Xcel and the City partner to create a supportive environment that accelerates the City toward 30% local distributed solar by 2030.
2. Partnership activities in this theme will create an environment that innovates, fosters new development, and removes barriers.

Potential Activities:

- A. Partner on an innovative Municipal Operations Special Project
- B. Add Solar and Electrification Measures to Inclusive Financing Pilot
- C. Address Interconnection Delays
- D. Joint Lobbying for Expanded Solar Incentives
- E. Install *Resilient Minneapolis* Projects, demonstrating solar + storage (pending PUC approval)



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



Key Goals:

1. Increase existing efforts, launch new efforts, and integrate across programming to accelerate GHG reduction in the Commercial/Industrial sector.
2. Integrate new electrification and district energy opportunities.
3. Consult with EVAC in the development of Work Plan goals and activities.
4. Identify and leverage Partner resources

Potential Activities:

- A. Partner with Henn. Co. in decarbonizing their downtown district energy systems
- B. Biochar Project use of Xcel's Tree Trimmings – sequester carbon and reduce C/I facility gas consumption
- C. CenterPoint Energy Innovation Plan Opportunities – commercial/industrial
- D. Beneficial Electrification Program or Pilot