



Clean Energy Partnership

Q1 EVAC Meeting

February 8, 2022



Agenda

- Welcome & Introductions 4:00
- New CEP Board Members (Luke) 4:15
- Co-Chair discussion/vote (Patty) 4:20
- Consider EVAC endorsement of City's science-based CAP goal (Luke & Patty) 4:30
- Community Voices update (Patty) 4:45
- EVAC Questions for ECO & NGIA (Patty & Margaret) 5:00
- Work Plan Update 5:05
- Partner Updates 5:45
 - Xcel IRP
 - Inclusive Financing
- Adjourn 6:00



Introductions - 2022-2023 EVAC Cohort

NAME	WARD	REPRESENTING
Margaret Cherne-Hendrick	8	Fresh Energy
Timothy DenHerder-Thomas	9	Cooperative Energy Futures
Marcus Mills	3	Community Power; Black Visions
John Farrell	11	Institute for Local Self-Reliance
Leah Hiniker	6	Hennepin County
Molly Janis (NEW!)	1	Center for Energy and Environment (CEE)
Katie Jones (NEW!)	10	Center for Energy and Environment (CEE)
Jon Kuskie	N/A	Piedmont Office Realty Trust / BOMA Greater Minneapolis
Mauricio Leon	N/A	Local government climate policy perspective
Patty O'Keefe (Co-Chair)	8	Sierra Club
Jamez Staples	5	Renewable Energy Partners
Beth Tomlinson (NEW!)	2	Stantec Consulting Services
Natalie Townsend (NEW!)	2	Self / Fresh Energy
Elizabeth Turner	1	Precipitate, PLLC
Ansha Zaman	9	Center for Earth, Energy and Democracy (CEED)



Work Plan Development Update



Framing

2022 IS A YEAR OF TRANSITIONS

1. Transition to 3 new CEP Board members from the City (Ongoing in early 2022)
2. City is considering adoption of new, more aggressive “science-based fair share” GHG emissions reduction goal, requiring substantially greater reductions in the 2020’s (Ongoing in early 2022)
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 developed for implementation of new programming enabled by ECO Act and NGIA (Ongoing in 2022)

Framing

RECENT DISCUSSIONS AND EVOLUTION

- Presentation of Concepts for 2022-2023 Work Plan at Q4 Board Meeting (Nov 2021)
- Presentation of Concepts for 2022-2023 Work Plan at Q4 EVAC Meeting (Dec 2021)
- Presentation of Memo with questions and recommendations by EVAC Work Plan Subcommittee at Q4 EVAC Meeting (Dec 2021)

3 City Priorities

EVAC Questions, Ideas, Feedback
+
Partners' Continued Refinement via
Internal and External Conversations

3 Themes containing potential
Partnership Activities
+
Specific Questions for EVAC

Theme 1: Decarbonize Homes via Energy Efficiency & Electrification Retrofits

Theme

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). Integrate new electrification opportunities and leverage data from the City's recent energy disclosure policies and programs. Increase the non-energy co-benefits of retrofits, such as community employment opportunities, wealth building, and increased home health and safety.

QUESTION

- Does this envisioned theme constitute a significant, crucial step toward achieving the City's 75% home retrofit strategy (2013 CAP)?
- Should the existing goal be updated and further defined as part of a CAP update?



2022-2023 Potential CEP Activity	Segment	Status	Lead(s)	Policy Tool (s)
<p>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 (particularly Green Zones) that guides and incentivizes homeowners toward realization of completed EE retrofits and electrification, while also providing building community benefits.</p> <p>Programming efforts to leverage may include:</p> <ul style="list-style-type: none"> • EE Retrofit pilot for electric heated homes • Improve Access to EE by Providing Inclusive Financing (TBD) • Increase energy savings across CenterPoint CIP (ex. collaborate on outreach, energy disclosure tools, etc) • Incorporate new and emerging tactics (bulk purchase or negotiation, dual fuel heating, navigator model, new rebate strategies) (TBD) 	<p>1-4 unit Residential; Green Zones</p>	<p><i>New and Continuing.</i> Drafting key elements considering EVAC input; engaged in regulatory proceedings</p>	<p>CNP/Xcel/ City</p>	<p>CIP, ECO, NGIA</p>



Theme 2: TOWARD 30% LOCAL DISTRIBUTED SOLAR BY 2030

Theme

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



2022-2023 Potential CEP Activity	Segment	Status	Lead(s)	Policy Tool (s)
Partner on an innovative Municipal Operations Special Project	Municipal	City in exclusive negotiations with US Solar New Xcel discussions with US Solar	XE/City	RFP arising from IRP
Add Solar and Electrification Measures to Inclusive Financing Pilot	Residential	TBD pending outcome of current regulatory proceedings	XE/City	IF Tariff
Address Interconnection Delays	Residential, Commercial / Industrial	New Upcoming changes based on Distributed Generation Working Group recommendations: expanded parallel processing, pilot group studies, begin processing next-in-queue at an earlier stage, new cost-sharing approaches.	XE/City	
Joint Lobbying for Expanded Solar Incentives	All		XE/City	Varies
Install <i>Resilient Minneapolis</i> Projects, demonstrating solar + storage		Current comment period open until 2/11/22	XE	IDP

QUESTION FOR EVAC

- Do the above address the biggest factors within the ***City and Xcel's power or sphere of influence*** toward more rapid local solar deployment? If not, what are?



Theme 3: IMPACTFUL REDUCTIONS IN C/I GAS USE

THEME

Undertake a suite of initiatives that contribute toward a substantial reduction of GHG emissions from gas use in the Commercial and Industrial sectors, which currently account for over 1/4 of all community-wide GHG emissions.

CenterPoint proposes to establish a quantifiable Work Plan Goal for greater near-term GHG emissions reductions in their CIP portfolio. CenterPoint's goal would be set after consultation with the City and EVAC.



2022-2023 Potential CEP Activity	Segment	Status	Lead(s)	Policy Tool (s)
Increase energy savings across CenterPoint CIP (ex. collaborate on outreach, carbon capture pilot, etc).	Commercial/Industrial	Continuing. Continued various collaborative efforts to increase CIP.	CNP	CIP, ECO
Beneficial Electrification Pilot	Commercial/Industrial	TBD. Engaged in Regulatory Proceedings March – DOC Guidance	CNP	CIP, ECO, NGIA
Partnership with Hennepin County in decarbonizing their downtown district energy systems	District Energy	TBD, Exploring opportunity. Kick-off meeting held; engaged in regulatory proceeding	CNP/City	NGIA
CenterPoint Energy Innovation Plan Opportunities – commercial/industrial	Commercial/Industrial	TBD. Engaged in regulatory proceedings and stakeholder process	CNP	NGIA
Biochar Project use of Xcel’s Tree Trimmings – sequester carbon and reduce C/I facility gas consumption	Commercial/Industrial	TBD.	City/XE	

QUESTION

- Who would like to be in the near-term conversation about CenterPoint’s quantifiable Work Plan Goal and activity development to meet that goal?



Next Steps

- Reflect on and incorporate as possible today’s conversation
- Continue to refine themes and potential activities via internal and external conversations amongst the Partners
 - Consider fit of potential activities into the adopted work plan rubric

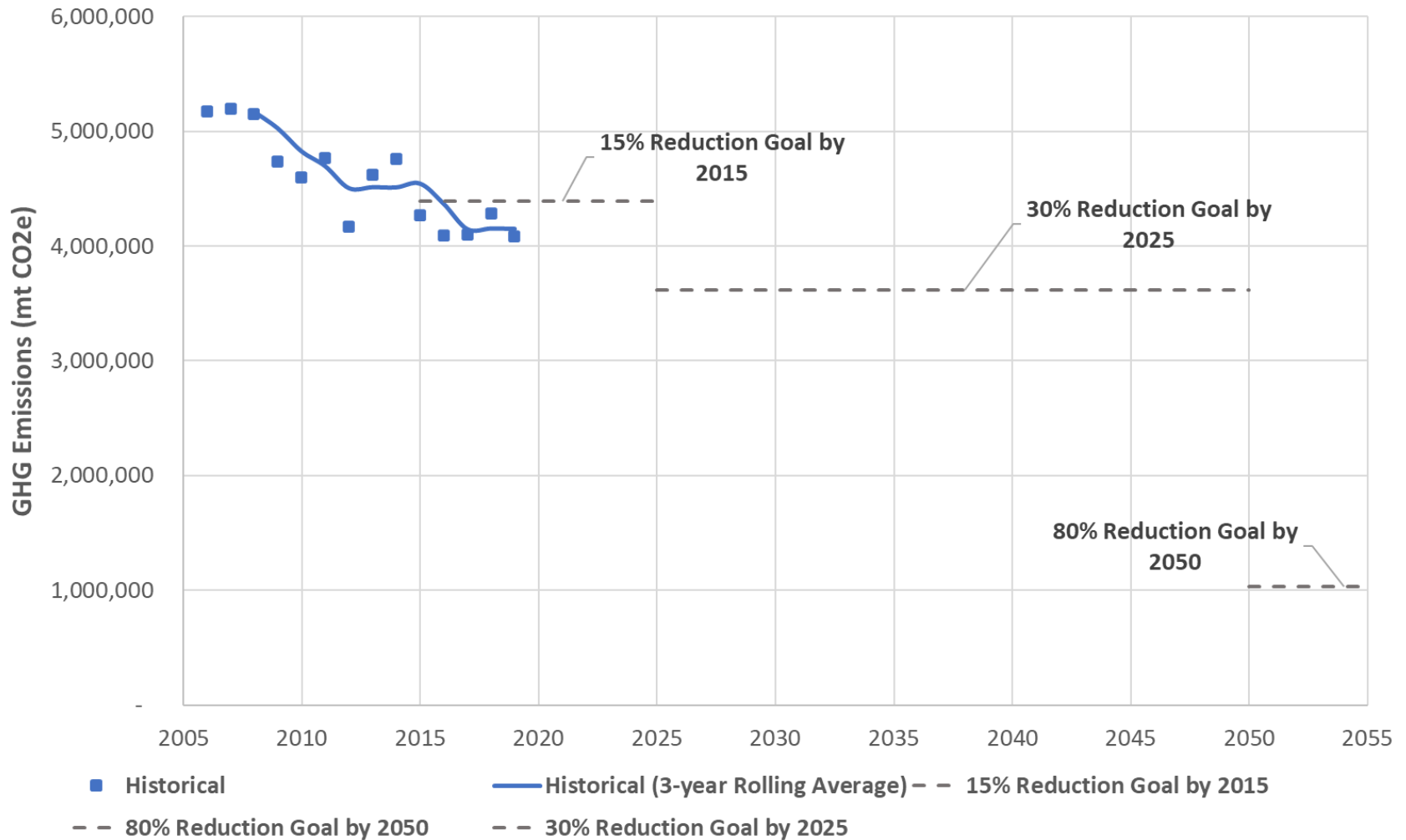
Partnership Activities	Potential Collaboration Activities
<p>A Partnership activity:</p> <ol style="list-style-type: none"> 1. Helps the City reach its <i>Climate Action Plan</i> and <i>Energy Vision for 2040</i> goals, 2. Initiates an action that would not happen absent the Partnership, 3. States roles for the City and at least one utility, and 4. Identifies a lead Partner. 	<p>The Partners may identify certain individual Partner activities that clearly advance the City’s climate and energy goals and may become areas of future collaboration.</p> <p>Previously existing and/or new utility programs near deployment may be considered for this section with a planned collaborative effort to leverage the Partners’ resources.</p> <p>These collaboration items may fully develop and become priority initiatives of the Clean Energy Partnership, turning into Partnership activities.</p>

- Consideration of a final 2022-2023 Work Plan by the Board at their Q1 meeting

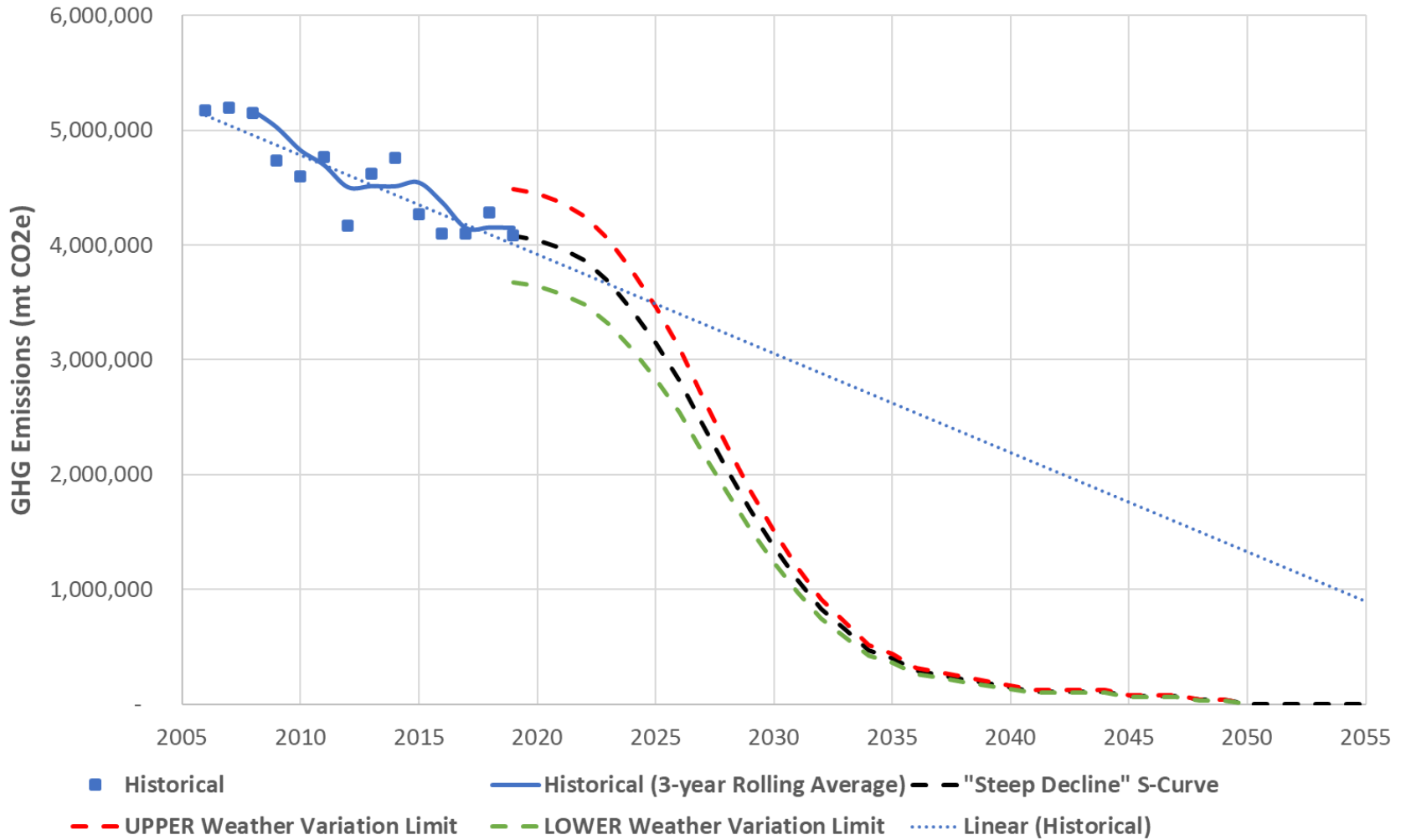


Supplemental Slides

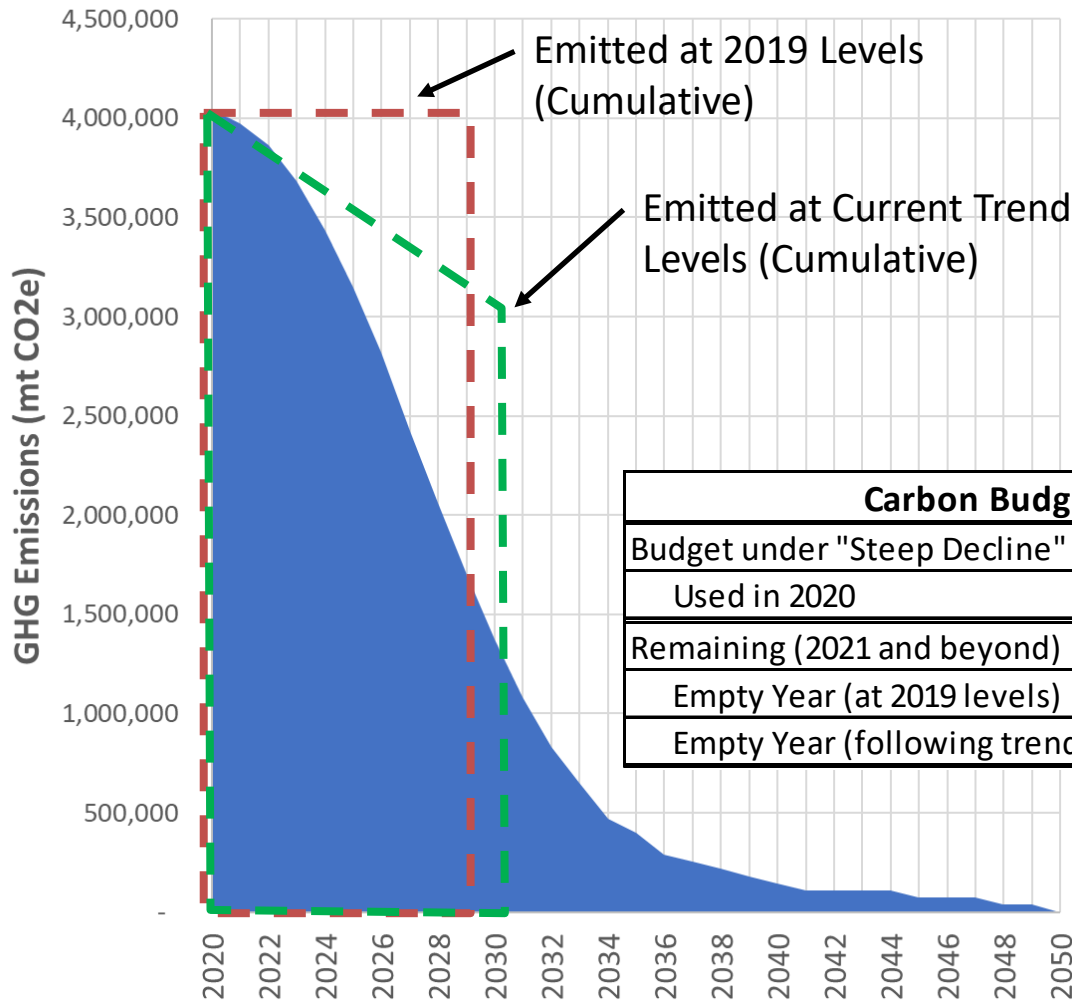
Minneapolis Community-wide GHG Emissions - Historical and Current Climate Action Plan Targets



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



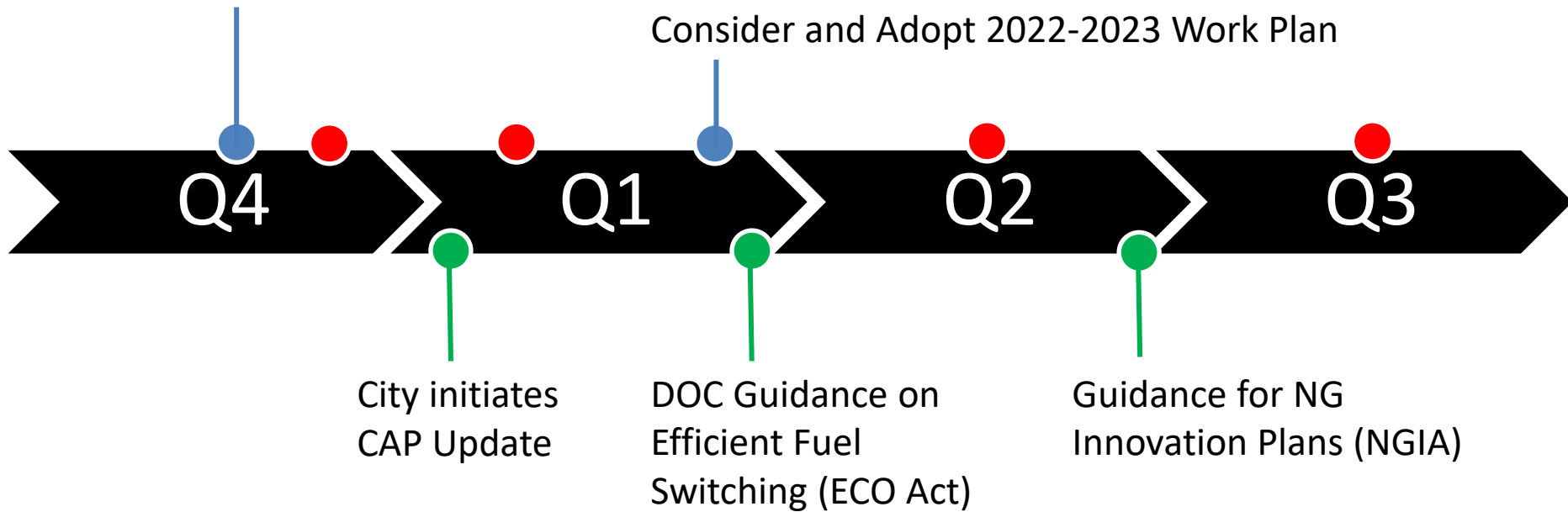
Minneapolis Community-wide "Carbon Budget"



Carbon Budget for 2020's, 2030's, and 2040's		
Budget under "Steep Decline" S-Curve	37,752,463	mt CO2e
Used in 2020	3,516,431	mt CO2e
Remaining (2021 and beyond)	34,236,031	mt CO2e
Empty Year (at 2019 levels)	2029	
Empty Year (following trendline)	2030	

2022-2023 Work Plan Development Timeline

Discuss Draft Partnership Activity Concepts





2022-2023 Work Plan – Related Regulatory Milestones

	2022				2023			
<i>Regulatory Processes</i>	<i>Research & Development</i>				<i>Regulatory Consideration</i>			
DOC provides guidance on fuel switching in CIP (ECO)								
PUC/NGIA Stakeholders consider GHG lifecycle framework to compare NG decarbonization resources								
PUC/NGIA Stakeholders consider cost-benefit framework to compare NG decarbonization resources								
CenterPoint Energy files Innovation Plan								
CenterPoint Energy Innovation Plan Regulatory Consideration								
Conservation Improvement Program (CIP) 2024-2026 Triennial Planning – outreach & engagement								
CIP 2024-2026 Triennial Plan Filing								
CIP 2024-2026 Triennial Plan Regulatory Consideration								