

PARTNERS IN ENERGY

Louisville Decarbonization Planning Workshop 3 Agenda

October 31, 2023

12:30 - 2:30 PM

Louisville Library, First Floor Meeting Room

951 Spruce St, Louisville, CO 80027

Participants

Name	Organization	Attended
Jennie Geiger	Stakeholder Team	Yes
Eric Lund	Stakeholder Team	No
Marina La Grave	Stakeholder Team	No
Jenny Lewis	Stakeholder Team	No
Audrey Debarros	Stakeholder Team	No
Todd Budin	Stakeholder Team	Yes
Elizabeth French	Stakeholder Team	No
Scott Reichenberg	Stakeholder Team	No
Gregory Maring	Stakeholder Team	Yes
Austin Brown	City of Louisville	Yes
Ryder Bailey		
Kayla Betzold	City of Louisville	Yes
Hannah Miller	City of Louisville	Yes
Joe Limone	Xcel Energy	No
Terry Hatfield	Partners in Energy	Yes
Sarah Kaye	Partners in Energy	Yes

Agenda

Time	Agenda
12:30 - 12:45 PM	Workshop 3 Grounding
12:45 - 1:15 PM	Louisville's Decarbonization Plan Vision
1:15 - 2:25 PM	Strategy Action Planning
1:15 - 2:25 PM	Strategy Brainstorming & Prioritization
2:25 - 2:30 PM	Wrap-up & Next Steps

Notes

Workshop 3 Grounding

- Ground rules: the information from the previous workshops has helped inform this workshop, and the stakeholder team should keep the plan honest to ensure it matches the discussion to date.
- Program packet was provided in advance to give details around the rebates and programs available for residents and businesses to utilize.
- 50% draft was presented to council in September. Council was supportive of the direction so far and appreciated measured/moderate approach.
- Next workshop is the last in the series, and will be scheduled for early to mid-December
- 100% plan will be presented in early 2024 to Council. The Sustainability Advisory Board will see the plan prior to Council for feedback. Likely to Louisville Sustainability Advisory Board (LSAB) in January or February, and Council thereafter.
 - LSAB typically has feedback, and on the level of ambition it will range from very aggressive to less aggressive.
 - Public comment - paraphrasing a quote from the meeting: I like aligning with Superior, as we are all trying to work together to solve the climate crisis.
 - Superior – is doing the same type of beneficial electrification plan, so will look to align in implementation.
 - There are aspects to the community that are unique to Louisville, especially on the commercial side

Louisville's Decarbonization Plan Vision

- Middle ground vision option was voted highest in the survey
- Vision feedback during the meeting
 - Verbiage: Drawing down vs reducing
 - Change to reduce carbon emissions
 - Most important verbiage within the vision are measured and equitable
 - Economic vitality is a third value from the business community
 - Qualify this point within the plan context
 - In the plan, explain what the values mean

Strategy Action Planning

- Strategies were also voted on through the survey, and ranked in order of importance to complete during implementation (18-month period)
 - Combined residential engagement into one strategy that includes general residential engagement with mobile home engagement and renter engagement
 - Based on results, also kept the two strategies for businesses, and ended up dropping the mobility strategy due to lack of many prioritized votes
- Residential engagement will be done in multiple phases, first to reach the community and then second to reach targeted audiences in the mobile home and rental community
- Business advisement is focused on coordinating resources for businesses. The target audience is up for discussion, and could be large/small businesses, or district based

- Discussion during the meeting: Businesses are focusing on running their businesses, but if the information is presented as a good option with business case laid out instead of as a “stick”, the businesses will take advantage
- Cost of planning for electrification (a study) is a new program covered by Boulder County PACE
 - DBA, LRC are opportunities to have these conversations
- Business advisement will also be done in phases, starting with businesses where relationships exist
 - Largest energy users: Which businesses are using the largest amount of energy?
 - Using results from advisement strategy to broaden the outreach
- Commercial sector research
 - Secondary source research and primary source research to understand the lay of the land in terms of equipment
- Layout of each strategy includes description/context, a target audience, desired outcomes, scope and timeline of the actions within the strategy, roles and responsibilities for who does what, and the resources that could support it
- Target setting context
 - Reminder that we set a goal of 60% reduction below 2016 by 2030 and 100% carbon neutrality by 2050
 - This is a relatively aggressive goal, with a substantial increase in program participation, especially on building electrification and EV adoption
 - **Question:** how large does the grid need to be to accommodate the electrification targets?
 - Don't want to get too far ahead of supply/distribution side
 - Details on how Xcel Energy is addressing the grid to meet electrification are available here:
 - Read: [Xcel Energy Carbon Reduction Plan](#)
 - Tracking modeled building targets to program participation
 - For one home to be fully electrified (or the sum of individual upgrades builds to that) – means that the program participation targets are much higher
 - Implementation target reflects our target for 18 months – scaled down from the annual program participation to acknowledge the foundational nature of this plan
 - Acknowledge you need to ramp up program participation in later years
 - **Question:** do Xcel Energy programs account for which programs improve energy efficiency the most
 - Yes, and need to meet people where their at
 - **Question:** not capturing if people don't participate in programs?
 - Correct, not going to capture everyone
 - **Question:** are thermostat controls and other demand management features captured?
 - Yes!
 - **Stakeholder comment:** don't want to undervalue participation

- Tracking modeled transportation
 - Modeled last 7 years of EV trends, and extrapolate out to the end of implementation period and aim for 10% higher
- Renewable Energy
 - Doing nothing will allow you to hit your target in the renewable energy
- See slide 16 for a summary of targets by strategy (total is historical plus incremental)
 - We will track our progress toward these targets on a 6 or 12-month time frame and can use to adjust course if needed
- Strategy discussion and notes will be incorporated into the strategy action plan documents after the workshop, and provided to stakeholders thereafter for further review between workshop 3 and 4, and at workshop 4.

Wrap-up & Next Steps

- Workshop 4 is scheduled for Tuesday 12/12 from 12:30-2:30