



New Mexico Building Decarbonization Roadmap Meeting #2 Summary June 12, 2024, Virtual

46 stakeholders representing approximately 35 different organizations attended the Roadmap meeting #2 on June 12.

Meeting Materials

- [Meeting agenda](#)
- [Revised Foundation Document](#)
- [Preliminary Barriers List](#)
- Presentations
 - [Foundation and Barriers](#)
 - [IOU Grid Readiness](#)
 - [NM Housing Stock Status](#)
- [Attendee list](#)
- [Expanded Barriers List](#)
- [Initiative webpage](#)

Next meeting: Wednesday, July 10, 1-4pm MT virtual

Welcome and Meeting Purpose

Gridworks opened the meeting, welcoming new participants, providing an overview of the agenda, and discussing the meeting's objectives:

- To discuss and finalize the **project foundations** based on participant feedback
- To learn about **grid readiness** for an electrified future, from a cooperative and IOU perspective
- To better understand the status of **NM's housing stock**
- To continue brainstorming **barriers** to NM building decarbonization

Discussion and Breakout Rooms: Foundation Document

Participants discussed the revised foundation document in break out rooms, reviewing changes and proposing further refinements. In the full group discussion, refinements included:

- Match the low income language to federal definitions
- Consider more granular interim targets, particularly for specific sectors such as the lower, middle income group who can't access federal rebates



- Add clean energy as the source of electricity powering home decarbonization
- Add wood/pellet stoves to the list of appliances

Upon the conclusion of this discussion, poll results showed 85% of respondents agreed or strongly agreed with the foundation document as revised (25 respondents).

Presentation + Q&A: Kit Carson Electric Cooperative (KCEC)

CEO Luis Reyes discussed electrification and grid readiness at KCEC, offering the following perspectives:

- Need to find the value of electrification for the customer and right size the equipment so it doesn't overwhelm the existing system;
- Need to encourage contractors and builders to embrace the idea of electrification;
- KCEC encourages bundling packages of energy efficiency, solar, and electrification to keep costs down for customers and ensure a replacement resource that is renewable;
- Need to put more focus on storage and resiliency; and
- In regards to building codes, preference for mandating the size of the service (min. 200 amps), not the resource (solar, storage, or something else).

Presentation, Panel + Q&A: Investor-Owned Utilities

The three electric Investor-Owned Utilities operating in New Mexico (Southwestern Public Service, El Paso Electric, and Public Service Company of NM) shared their perspectives regarding grid readiness for increased electrification. Below are a few highlights:

- Increased demand from electric vehicles is occurring and needs to be taken into consideration along with building electrification;
- The industrial and transportation sectors are critical to the state's emission reductions goals;
- Changes to the infrastructure to help manage changing customer demand while satisfying reliability objectives are important;
- Regulatory support for electrification, pilot programs, and customer engagement are needed actions; and
- Some beneficial electrification actions are underway, and additional ones are envisioned in the future.

Brainstorm and Discussion: Barriers to Building Decarbonization

The group brainstormed additions to the [preliminary list of barriers](#). Each participant was asked to contribute either verbally during the meeting, via the chat, or in a follow up



email. The resulting [expanded list of barriers](#) will be used for work in meeting #3.

Shared Documents

Via the meeting chat, several participants shared materials:

- US DOE, [National Definition of a Zero Emissions Building](#)
- US DOE, [Decarbonizing the U.S. Economy by 2050: A National Blueprint for the Buildings Sector](#)
- NM DFA, [New Mexico Match Fund](#)
- US EIA, [Air Conditioning in US Homes, 2020](#)
- The Hill, [Treasury says EV tax credit has saved consumers \\$1billion](#)
- Redwood Energy, [Electrify Your Life](#)

Action Items/Next Steps

- For Gridworks,
 - incorporate edits to foundation document and finalize
 - Compile participant comments into preliminary list of barriers
 - Invite NM Rural Electric Cooperative Association to speak at July 10 meeting
- For participants: [sign up](#) for July 10 program showcase by June 28