

Setting a Foundation for the Roadmap

Goal Statement

Eliminate **operational** greenhouse gas emissions and pollution from New Mexico’s residential and small commercial buildings by **2050DATE** as a means to creating affordable, comfortable, healthy, efficient, and resilient homes for **ALL** New Mexicans, **prioritizing low income and historically marginalized groups**.

Group Charge

Develop a New Mexico Building Decarbonization Roadmap by November of 2024. The roadmap is a document describing:

1. The actions needed to achieve a shared goal;
2. Measures to assess progress toward that goal, **including interim targets**;
3. Owners of actions; and
4. A communications strategy for sharing and implementing the actions.

Defining Building Decarbonization

Building decarbonization is the process of reducing the greenhouse gas (GHG) emissions that result from a building’s operations. This is accomplished by making energy efficiency improvements to a building and replacing appliances that burn fossil fuels – which can include furnaces, **boilers**, water heaters, clothes dryers, and stoves – with all-electric alternatives; **building decarbonization may also include renewable energy improvements to a building**.

Scope

In Scope

- Electrifying gas appliances
- Improving energy efficiency and weatherization
- Residential: single and multi-family
- Small **and medium** commercial
- Tribal
- Distributed Energy Resources deployment where there are synergies with building decarbonization
- Indoor air pollutants (Co2, NOx, Particulates, So2, VOCs)
- **Building requirements - new construction, EV and solar ready**

Out of Scope¹

- Embodied carbon from building materials
- Oil & gas, industrial, large commercial
- Gas decommissioning
- **Water consumption improvements that reduce the community’s carbon footprint**

¹ While all of these topics are important to reducing greenhouse gas emissions from the building sector, this initiative will focus on operational emissions from the residential and small commercial segments.