

Chula Vista 2024 Climate Action Plan Update

Energy Sector

Increase Use of Zero Emission/Alternative Fuel

Measure 4.1: Decarbonize New Buildings

Goal: Decarbonize all new residential buildings by 2030 and all new non-residential buildings by 2045

Supporting Actions:

- State Build Incentives (existing)
- Removal of natural gas line extensions credits in 2022 and electric line extension credits for mixed fuel developments in 7/2024 (existing)
- Adopt a high-performance design energy efficiency reach code (CCWG Recommendation)

Measure 4.2: Decarbonize Existing Buildings

Goal: Reduce natural gas usage in buildings by 50% by 2030 and 95% by 2045

Supporting Actions:

- Clean Tech CA incentives (existing)
- Adopted automated permitting for qualifying solar systems (CCWG recommendation) (existing)
- CA Air Resource Board 2030 zero emission water and space heating standards (existing)
- Require all-electric readiness in significant retrofits
- Track and publish summarized clean energy related permitting information
- Require (Tier 2) CALGreen or similar energy efficiency requirements for existing development projects
- Support workforce development training opportunities
- Conduct analysis of existing buildings to identify hard to retrofit buildings and decarbonization early actions
- Expand the New Construction Decarbonization Working Group to look at existing buildings
- Study the ability of targeted or zonal electrification to support retirement of gas pipeline segments

Increase Energy Efficiency

Measure 5.1: Continue Implementation of the Building Energy Saving Ordinance (BESO)

Goal: Reduce energy use intensity of buildings covered by benchmarking ordinance by 20% by 2031 and 50% by 2045

Supporting Actions:

- Review expedited green building ordinance
- Partner with community organizations to utilize data from BESO

Increase Renewable and Zero-Carbon Energy

Measure 6.1: Decarbonize Municipal Facilities

Goal: Use 100% clean electricity and reduce 50% natural gas use by 2030 and 100% clean electricity and eliminate all-natural gas use by 2045

Supporting Actions:

- All City controlled accounts are enrolled in SDCP's Power100 program that provides 100% clean renewable electricity
- Transition to 100% electric landscaping equipment and other off-road combustion equipment

Measure 6.2: Increase Clean Energy from San Diego Community Power

Goal: Make 100% renewable or GHG-free (e.g., SDCP Power100) the default electric supply option by 2030

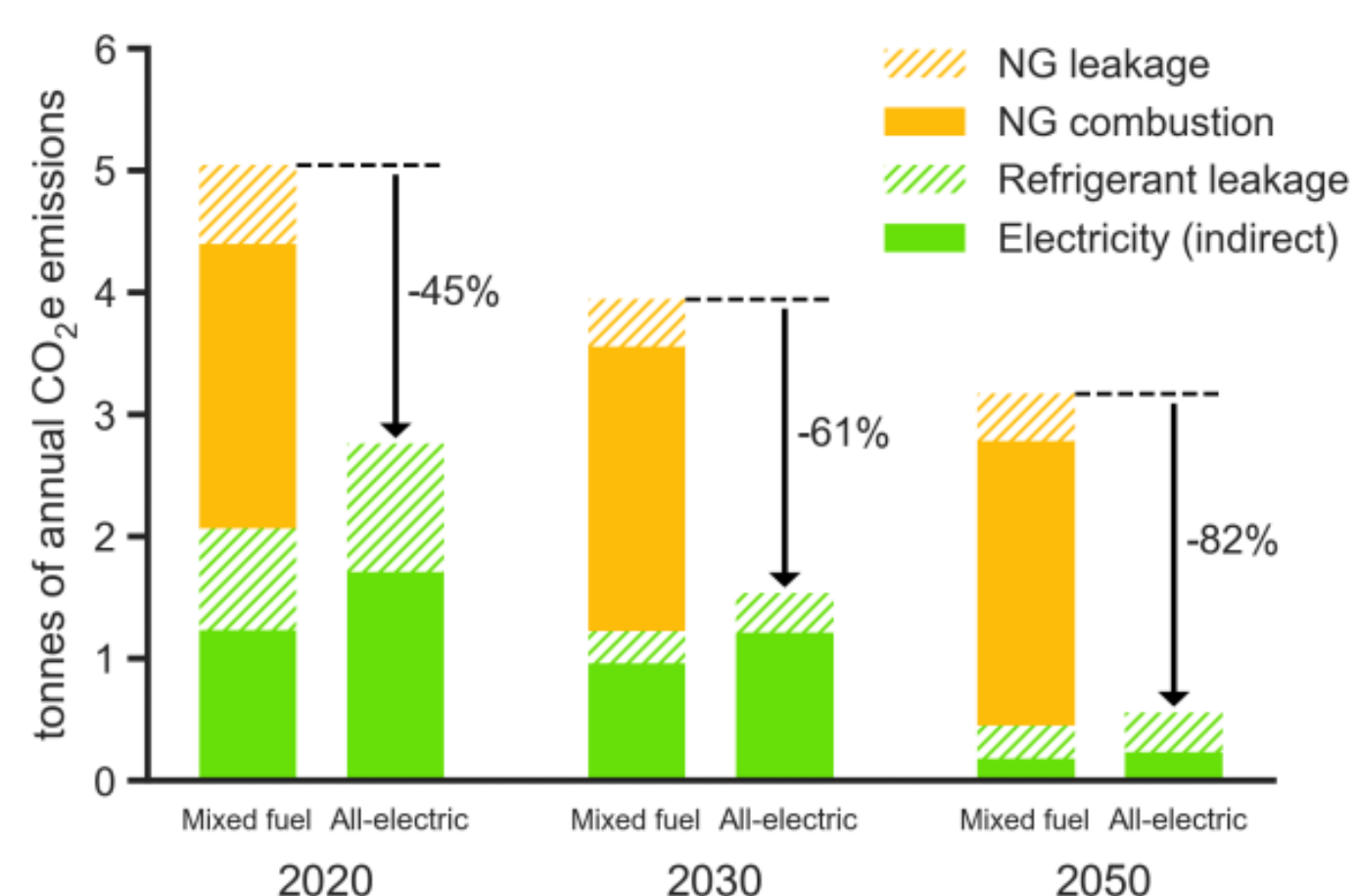
Supporting Actions:

- Identify potential local areas for renewable energy generation to support community solar programs like the Disadvantaged Communities and Community Solar program

Comments and Feedback

Please leave comments or feedback with sticky notes below or by scanning the QR code below for an online survey.

Figure 1-1: Annual GHG emissions from a mixed-fuel and all-electric 1990s vintage home in Sacramento



Source: Residential Building Electrification in California by E3

