

Contra Costa County
Clean Energy Roadmap for Existing Buildings

Implementation Plan

DRAFT

Background

In 2024, the County Board of Supervisors adopted the Contra Costa County 2045 General Plan and Updated 2024 Climate Action and Adaptation Plan (CAAP). The CAAP, consistent with State goals, sets greenhouse gas (GHG) emissions targets to 40% below 1990 levels by 2030 and achieving net carbon neutrality by 2045. To meet these targets, the CAAP includes 11 climate action strategies that make up the County's GHG emissions reduction approach. This includes actions specific to existing buildings which account for approximately 28% of all emissions in the unincorporated area of the County.

CAAP strategy, Clean and Efficient Built Environment (BE), aims to transform buildings within the unincorporated areas of the County to run efficiently on clean energy. The CAAP addresses existing buildings specifically in Strategy BE-2: Retrofit existing buildings and facilities in unincorporated county, and county infrastructure, to reduce energy use and convert to low- or zero-carbon fuels. One of several actions included in Strategy BE-2 is to develop a detailed County roadmap to convert existing homes and businesses to use low-carbon or carbon-free appliances. On November 4, 2025, the Board of Supervisors approved the Contra Costa County Clean Energy Roadmap (Roadmap) for Existing Buildings.

The Roadmap provides an initial assessment of the existing landscape in California for transitioning buildings to all-electric and highlights existing all-electric policies and plans. It also highlights the many benefits that come with all-electric homes with a strategic community engagement strategy that centers on equity to inform our impacted communities in the County on the benefits of buildings operating on clean energy. The Roadmap provides a summary of the research and analysis conducted for transitioning buildings to be all-electric and calls for the development of an Implementation Plan to implement the recommendations and next steps outlined in the Roadmap. The Roadmap requires the Implementation Plan be approved by the County on or before November 4, 2026.

Implementation

The Implementation Plan is developed using the framework outlined in the Roadmap, which specifies all the required content needed in the Implementation Plan to track

progress on each recommended action in the Roadmap. Section 11.2 of the Roadmap specifically outlines the information below to be included in the Implementation Plan to ensure continued progress toward transitioning existing residential buildings to be more energy efficient and fueled by low- or zero-carbon energy sources:

- List of all existing next steps and recommendations outlined in the Roadmap with progress on each item to date,
- Metrics for each action item included in the Roadmap with specific goals (i.e., number of homes retrofitted to all-electric, partnership groups formed, and/or information on funding for specific initiatives),
- Funding source(s) or funding options for implementing each action item,
- Specify how the Implementation Plan supports current State and Regional initiatives to convert existing building to all-electric (i.e., Bay Area Air District Rules 9-4 and 9-6 on Building Appliances),
- Include new next steps and actions items, as appropriate,
- Define the County role in implementation actions and expected roles with other entities, where appropriate, and
- Incorporate feedback from Sustainability Committee and Sustainability Commission on implementation plan, as appropriate.

Action Items for Implementation Plan

Attached are the Implementation Plan Actions outlining each action item and recommendations specified in the Roadmap. The Implementation Plan Actions are organized into the four categories based on the recommendations in the Roadmap. These include Outreach and Engagement, Analysis, Collaboration with Regional and State Agencies, and Additional Items. The recommendations in the Roadmap are designed to support current State and Regional initiatives to convert existing buildings to all-electric. Any new Implementation Plan Action items added to actions list will need to do the same. Any existing Implementation Plan Action item that no longer supports current state and regional initiatives for converting existing buildings to all-electric shall be considered for removal from the Implementation Plan Actions list.

Each Implementation Plan Action item includes the following information to track progress:

- Key/supportive metrics
- Lead group and department
- Potential partners
- Timeframe for completion
- Funding source, and

- Progress to-date

The Implementation Plan Actions are designed to allow for updates and revisions when needed during implementation. The Implementation Plan will be reviewed on an annual basis to allow for adjustments with any modifications. The Roadmap also specifies that feedback from the Sustainability Committee and Sustainability Commission be incorporated into the Implementation Plan, as appropriate, and that any modifications to the Implementation Plan are to be approved by the County Board of Supervisors.

As part of the Implementation Plan, the Roadmap also calls for staff to develop a Clean Energy Roadmap webpage to serve as the County's public-facing hub for sharing Roadmap documents, implementation updates, and resources. The webpage will be maintained by County staff to ensure that all content remains up-to-date, accessible, and easy for the public to navigate. As implementation of the Roadmap moves forward, the webpage will be regularly updated to ensure transparency on the County's progress toward meeting the goals of the Roadmap.