

MULTIFAMILY Zero Carbon Action Plan

Creating Affordable, Sustainable, Resilient Buildings in California

The final draft of this Plan is currently under review by the CPUC

Vision & Goals

Transform the multifamily new and major renovation market to be climate resilient and zero carbon by 2035 resulting in affordable, healthy, and comfortable homes for residents.

Goal 1.

Optimize Performance, Reduce Carbon & Enhance Health

Optimize multifamily buildings as a system while reducing carbon emissions and improving occupant health and comfort.

Goal 2.

Ensure Climate Resilient Multifamily Projects

Ensure multifamily buildings are designed and built to adapt to changing climate conditions and support human wellbeing.

Goal 3.

Establish Targeted Professional Training and Education

Establish targeted education and training to enable design and building professionals to effectively advocate for and build zero carbon buildings.

Goal 4.

Foster Low Carbon Operations

Foster a long-term approach to project development by incentivizing low carbon operations and supporting benefits of long-term operational savings.

Goal 5.

Mitigate Financial & Policy Challenges

Support enhanced and streamlined financing and enable policies that provide a supportive path forward to affordable zero carbon multifamily buildings.

Partnering to Reach Goals

CCAs and RENs

Design and advocate for an enhanced **Statewide New MF Program**

Design and advocate for a **major renovation accelerator program**

Reach developers and designers with **zero carbon design trainings** (RENs only)

CPUC and Utilities

Develop and administer **New MF Program**

Establish **uniform metrics** to monitor project performance

Streamline program financing and funding for **MF accelerator program, resilience measures** (IOUs)

Professional Organizations

Develop and provide **zero carbon training and education**

Advocate within professional organizations to use **resilience standards** and **certifications** in projects

Advocate and work with CEC to **align energy modeling tools**

Plan Highlights

Low Embodied Carbon

Mass timber construction
Low carbon building materials

Resilient Design

Climate resilient checklist
Green infrastructure
Low water use

Renewable Energy

Solar and battery storage
District scale, ambient loop
geothermal and waste heat capture

Sustainable Long Term Operations

Total cost of ownership approach
Building commissioning

Mitigate Financial & Policy Challenges

Path to Zero Carbon codes
Coordinate and streamline funding
Address policy barriers

Passive House Approaches

Deep energy efficiency
Tight insulation
Passive heating, cooling, daylighting
Healthy indoor air
Durable sanctuary

Equitable and Affordable

Streamline and align incentives
Equity stakeholder working group
Major renovation industry accelerator program
Anti-displacement policies

Professional Education & Training

Integrated Design and Build
Training focused on architects, engineers & Energy Modeling
Certificate Program

