

JANUARY 2023

CAL FIRE / Office of the State Fire Marshal

ZEV Role: CAL FIRE / Office of the State Fire Marshal promulgates building regulations that provides safety for the infrastructure needed for the ZEV. These regulations include the California Electric Code and the California Fire Code which contains the standards for charging stations and energy storage systems.

Equity Focus: Facilitate a level of safety for all, including diverse demographic populations and underserved communities, while keeping public agencies and design professionals informed and updated on regulation modifications; inclusive of small business contracted programs.

ZEV Market Development Objectives

1. Update the regulations. Adopt changes in California Fire Code and nationally referenced standards to keep up with technology while providing safety and to the industry and enforcing agencies.

Key Collaborators:

California Building Standards Commission, California Energy Commission, International Code Council, National Fire Protection Association, industry, and fire service.

Key Results & Actions:

- a) Adopt and maintain clear and updated regulations that provides safe use of the emerging green technology through the California Building Standards Commission. Clear regulations create equity through the industry, promotes products that are safe and streamlines the regulatory approval process.
- b) Identify shortcomings in the regulations and continue to update the regulations as needed. Ongoing process.
- c) Represent the office at the International Code Council hearings and the National Fire Protection Association's (NFPA) code adopt processes as they address energy storage, mobile hydrogen fueling and update NFPA 2, Hydrogen Technology Code. This is an ongoing process with different organizations.

2. Enforcement Regulations on State Property. The State of California promotes the use of green technology and promotes the installation of the infrastructure at state facilities.

CAL FIRE has jurisdiction over state facilities and provides review, inspection and approved of these systems.

Key Collaborators:

Design professionals and all state agencies.

Key Results & Actions:

Safe installations of the ZEV infrastructure on state facilities. The ongoing process sets an example throughout the state.

3. Support and educate governmental officials. The Office provides updates on changes in the regulations, assists the fire service and industry with questions, and issues formal code interpretations.

Key Collaborators:

Cal Chiefs Fire Prevention Officers, Society of Fire Protection Engineers, and City/County fire departments.

Key Results & Actions:

- a) Provide regulatory updates the Cal Chiefs Fire Preventions Officers through their monthly meetings, assist local departments and design professionals as requested and issues code interpretations when needed.
 - b) Enforcing agencies with informed staff promotes the streamlined review and inspections of the ZEV infrastructure.
-