

**2022 CALIFORNIA BUILDING STANDARDS CODE**

**MAJOR CHANGES SUMMARY**

**Building & Residential Codes**

- Occupied Roof allowance does not count as a story or is not included as building height (independent from Zoning requirements). Greater requirements for safe egress from Occupied Roofs.
- Increased Building protection requirements for Energy Storage Systems.
- Greater protection for materials and construction methods for Exterior Wildfire Exposure areas.
- Intermodal Shipping Containers now allowed as permanent building structures - singularly or grouped.
- One-And-Two Family Dwellings: Emergency escape and rescue openings required.

**Fire Code**

- Major revisions to Chapter 49 for Wildland-Urban Interface Fire Areas.
- Fire detection for Energy Storage Systems.
- Impact protection for Energy Storage Systems.
- New section for Inflatable Amusement Devices and fire-safety protection for occupants.

**Electrical - Mechanical – Plumbing Codes**

- Electrical: Increased requirements for Ground Fault Circuit Interrupter protection.
- Electrical: New requirement for Surge Protection for new residential electrical services.
- Mechanical: New ventilation requirements for transient and nontransient occupancies.
- Mechanical: New ventilation requirement for indoor air quality for residential occupancies.
- Plumbing: New provisions for backflow prevention devices, assemblies and methods.
- Plumbing: New provision for temperature limiting devices.

**Energy Code**

- Electric-Ready for new Single-Family Dwellings and new Multi-Family Dwellings.
- Energy Storage Systems-Ready for new Single-Family Dwellings and new Multi-Family Dwellings Four or More Stories.
- Photovoltaic installation requirement for all new Multi-Family Dwellings.
- Exception to Photovoltaic requirement for new, smaller Single-Family Dwellings and ADU's (approximately 730 square feet and less within Pasadena's energy designated Climate Zone).
- Photovoltaic installation requirement for new Non-Residential Buildings.
- Battery Storage installation requirement for new Non-Residential Buildings.

**CALGreen Code**

- Increased requirements for Electric Vehicle Capable, and Electric Vehicle Ready Charging parking spaces and infrastructure in new Multi-Family Dwellings, and new Non-Residential Buildings.