

# California's Regulatory Landscape & Implications for Local Governments on Municipal Building Projects

Sara Baldwin, Energy Innovation



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State Carbon Goals

Renewable Portfolio Standard

Energy Efficiency Standards

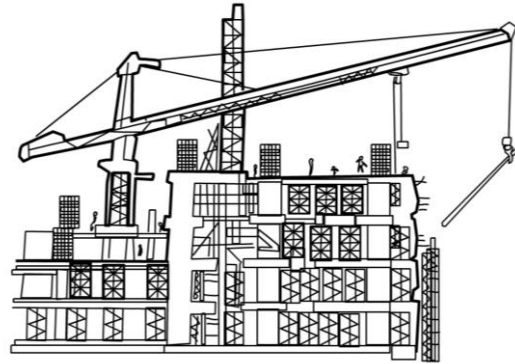


State Building Code & Local Reach Codes

HVAC, Equipment & Appliances Standards

Land Use, Zoning & Permitting

Historic Landmarks Commission



Off-Site Community/Shared Renewables

On-Site DG & Energy Storage

Rate Design

NEM 2.0/3.0

Interconnection

IEEE 1547-2018

Funding & Incentives

Capital & Financing

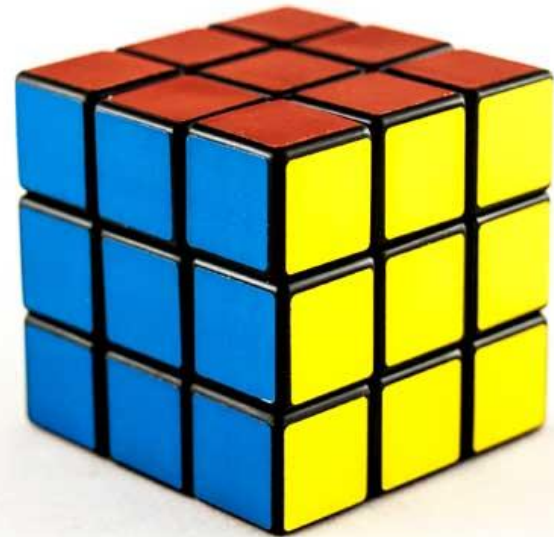
Bulk Grid Planning

Distribution System Planning



Resilience

Transportation Electrification



# California Regulatory Agencies

- California Air Resources Board (CARB)
- California Public Utilities Commission (CPUC)
- California Energy Commission (CEC)

# Other Relevant Regulatory & Standards- Setting Entities

- International Code Council (ICC) → IECC
- National Fire Protection Association (NFPA) → NEC
- U.S. Environmental Protection Agency (EPA) → Energy Star
- Institute of Electrical and Electronics Engineers (IEEE) & UL  
→ technical requirements & equipment certifications

# Relevant CPUC-led Regulatory Efforts Impacting CA Building Decarbonization

- **Building Decarbonization**
  - Rulemaking Regarding Building Decarbonization (R. 19-01-011)
    - Phase II Scoping Memo
  - Order Instituting Rulemaking to Establish Policies, Processes, and Rules to Ensure Safe and Reliable Gas Systems in California and Perform Long-Term Gas System Planning (R.20-01-007)
- **Distributed Energy Resources**
  - “Rule 21” Interconnection, Operation and Metering
  - NEM Successor Tariff Rulemaking (R.14-07-002)
  - Rulemaking Regarding Policies, Procedures, and Rules for Development of Distribution Resources Plans Pursuant to PUC Section 769 (R. 14-08-013)
- **Energy Efficiency**
  - Rulemaking Concerning Energy Efficiency Rolling Portfolios, Policies, Programs, Evaluations and Related Issues (R. 13-11-005)

# Relevant CEC-led Regulatory Efforts Impacting Building Decarbonization Regulatory Efforts

- **California's Building Standards Code (Title 24)**
  - 2022 Building Energy Efficiency Standards (Dockets 19-BSTD-03 and 19-BSTD-04)
  - Voluntary "Reach" Standards (Tiers) → Model language for local governments
- **Energy Efficiency and Building Decarbonization (19-IEPR-06)**
  - California Energy Efficiency Action Plan
  - Building Decarbonization Pilots (BUILD and TECH)
- **Energy Conservation Assistance Act**
  - Low-Interest Loans for public entities
  - Zero Interest Loans for Schools

# Key Observations

- Effective regulatory engagement starts with learning the process, protocols and procedures
- More cross-sector collaboration is needed
- Implementers and end-users should help inform policy design (2-way street)
- The collective local government voice is often missing from utility regulatory discussions
- More emphasis needed on effective public sector project finance, funding, and incentives





Sara Baldwin

Electrification Policy Director

[sbaldwin@energyinnovation.org](mailto:sbaldwin@energyinnovation.org)

[www.energyinnovation.org](http://www.energyinnovation.org)

