Own the Code! Title 24, JA8 & Getting Involved

John Martin, California Energy Alliance
California Energy Alliance
What is the California Energy Alliance?

Alliance of labor organizations, environmental advocates, industry partners and researchers committed to smart, sustainable energy use within California’s built environment.
CEA’s Energy Vision for California

**SHORT TERM**
- Reduce energy use and improve environment using existing programs and processes
  - Energy Standards (Title 24)
  - Policies such as SB 1414 and SB 100

**LONG TERM**
- Develop and deploy improved policies and approaches:
  - Measured Performance
  - Decarbonization
  - Electrification
  - Compliance Improvement
Key Accomplishments & Current Initiatives

2017-2018

- 2019 Energy Standards
- Adopted Code Change Proposal: Lighting Alterations
- 2019 Energy Standards: Adopted ADR Improvements

2019-2021

- Nine measures for 2022 Energy Standards
- Outcome-Based Energy Code
- HVAC Compliance Improvement
CEA Measures (as of 11 June 2019)

• Circuit Controls for 120-V Receptacles and Controlled Receptacles
• Demand Management
• HERS Updates (Residential; no change in stringency)
• Space Conditioning: System Leakage (coordinated with SMACNA)
• Acceptance Testing: Lighting Controls—forms cleanup and early ATT involvement
Exceptional Designs

Administrative Measure

- Language updates to enable use of alternative designs; create compliance pathway
  - Section 10-104, 10-109: remove constraints that limit this option for use with modeling only; broaden options
- Short-term solution to enable OBC pilot projects
- Long-term OBC option in development
2022 Energy Standards
Development Timeline

- **August 2019**: CEC issues updated TDV
- **March 2020**: Draft code proposals due
- **July 2020**: Final proposals due
- **November 2020**: Draft language released
- **April 2021**: Final language approved
- **January 2022**: Post all documents for public
- **January 2023**, Effective date of 2022 Energy Standards

- Now through end of 2019, develop proposals.
- Work in 2020 will be directed at final revisions and advocacy to ensure our measures make the final cut.
- Work in 2021 will be directed at updating compliance manuals and supporting documents.
- Work complete by December 2021.
CEA’s Successful Codes & Standards Strategy

- “Opening up” Building Standards Process
  - More participants, more participation, greater transparency
- Combined volunteer and “staff” efforts
- Productive working relationship with CEC staff and members
- Significant Codes and Standards contributor in < 24 months
Thank you!

For more information, please visit caenergyalliance.org or contact:
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