

Updated IECC
development process



Enhanced Energy &
Carbon Reduction
resources



Energy Efficiency and
Carbon Advisory Council

www.iccsafe.org/energy

Leading the Way to Energy Efficiency

- IECC Development
 - A code developed through a standards process
 - ASHRAE Standard 90.1 as commercial compliance path
 - Residential provisions also captured in IRC Chapter 11
 - Revised Scope and Intent:
 - Considerations for future efficiency increases are based on language vetted by diverse stakeholder interests
 - Provide solutions for diversity of jurisdictions
 - Maintain 3-year cycle and prevent roll backs
 - Support simplification to advance adoptions

Leading the Way to Energy Efficiency

- Energy and Carbon Reduction Resources
 - Potential resource topics:
 - Electric vehicle resource
 - Electrification and decarbonization resource
 - Zero energy and zero carbon resource
 - Embodied carbon resource
 - Grid interactivity/efficiency resource
 - Performance standards for existing buildings
 - Enhancing energy savings through water efficiency and reuse
 - Integration of on-site renewable energy generation and energy storage

Leading the Way to Energy Efficiency

- Energy and Carbon Advisory Council
 - Inform development of IECC and Resources
 - Support adoptability, implementation
 - Membership could include:
 - Mayors, county executives, or other local government sustainability/resilience leaders
 - State government sustainability/resilience leaders
 - Federal agency representatives
 - Leaders from public interest and private industry organizations, including, but not limited to, finance, academia, research, manufacturing, building, affordable housing, energy and climate policy, and insurance stakeholders

Leading the Way to Energy Efficiency

- Educational Support
 - Articles and emails on standards activities
 - Tutorials on standards process, getting involved
 - Standards activities highlighted on website, social media
 - Outreach to chapters for awareness building and education

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BSA Codes Committee &
AIA MA Government Affairs Committee: IECC

June 16, 2021

Mike Pfeiffer, SVP Technical Services

Governmental vs Standard Process Timeframes

Gov't Consensus Process: Energy; 2019 Group B; One year

- CAH: 2 committees
 - Residential: 285 code changes; 5.0 days; 47 hours
 - Commercial: 274 code changes; 4.5 days; 43 hours
- PCH: GMVR vote
 - Residential: 105 code changes; 2.5 days; 23 hours
 - Commercial: 96 code changes; 2.0 days; 19 hours
- OGCV: 2 weeks
- Validation Process: Varies

Standard Process: 2.0 – 2.5 years

- Two committees: x hour meetings every x weeks to review “public input” (analogous to code changes)
 - Subgroup (Work Group) meetings
- Iterative steps of public comments; WG; and committee meetings
- Committee ballot final document
- Complete Summer/2023; in time for publication Fall/2023

Standards Process Overview

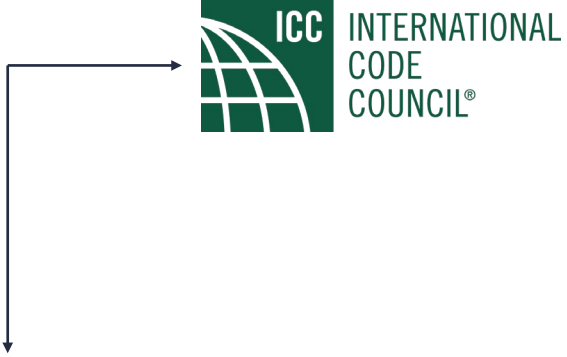
- NEW Call for Committee; two committees; BOD appointments
- Post “Initial Draft” (2021 text) for min. 30 days for public input (e.g. proposals) on cdpACCESS with collaboration opportunities
- Work groups review proposals; report to main committee
- Committee acts on proposals in open meetings; Actions supported by committee reasons
- Committee Action Report posted for comment for 30 days
- All changes made by the committee incorporated into “First Draft”; Posted for comment; Comments received; WG’s; Committee acts
- Changes incorporated in Public Comment Draft #1; Posted on ICC website and ANSI Standards Action; Comments received; WG’s; Committee acts
- Iterative process follows when substantive changes made to document - repeats steps above (e.g. Public Comment Draft #2); Committee required to address and respond to all comments
- Committee ballots the entire document; IECC published with the 2024 I-Codes

ICC Standards Process

- Code Council Board adopts “committee procedures”
- A different form of “consensus” compared to our code development process. A balanced committee of stakeholders is charged with making the final decision, with substantiation of their actions
- I-Codes reference over 1,500 standards, many of which are highly relied upon by AHJ’s as an instrumental part of the code
- An open and transparent process including:
 - All committee documents are posted
 - Highly technical/complex issues can be debated at open meetings without the constraints of hearing time limits (2 mins for; 2 mins against; 1 min rebut both sides)
 - Active role of Work Groups
 - The focus is not limited to just the proposal under consideration (hearing process) but includes how the proposal interfaces with related sections and other I-Codes
 - The committee is charged with process steps intended to achieve resolution on submitted public comments
 - Robust and deliberative process
 - The results are transparent and documented by the committee’s action.

ICC Standards Process (cont'd)

- Participation beyond hearing testimony
 - Multiple virtual steps for public review/input so anyone can comment without attending a hearing or meeting
 - Opportunities for collaboration and compromise via work groups for assigned tasks who report to the main committee
 - Participant effort requires a time commitment which exceeds that required in the code development process
- Continuous maintenance
 - Responsive to technological changes
 - Flexible process - If an issue warrants considerable investigation which extends beyond the update schedule, issue held until the next cycle/edition
- Seamless I-Code publication with family of I-Codes
 - Adherence to schedule in order to have the IECC and IRC completed in time for the 2024 I-Code roll out



Family of Solutions

