



Item 8: 2025 Energy Code Residential State Certification

September 9, 2026 Business Meeting

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Efficiency Division



Overview

- States and local jurisdictions ultimately responsible for adopting and implementing building codes
- Federal law (42 U.S. Code § 6833) requires states to review and certify updates to their building energy codes
- DOE issued affirmative determinations triggering state certification deadlines in 2026
- CA submitted commercial code certification by March 6, 2026
- CA must submit residential code certification by December 30, 2026, after public notice and hearing



Benefits to Californians

- Benefits of 2025 Energy Code (Effective January 1, 2026)
 - Saves \$4.8B in statewide energy costs
 - Avoids 4 MMT of CO₂e over 30 years
 - Equal to powering 500,000+ homes for a year
 - Leads California's push to expand heat pumps
- Benefits of Post-Analysis and Report
 - Demonstrates compliance beyond federal standards
 - Confirms public benefits of the Energy Code for Californians
 - Links Energy Code to energy-bill savings and affordability



2025 Energy Code Impact Analysis

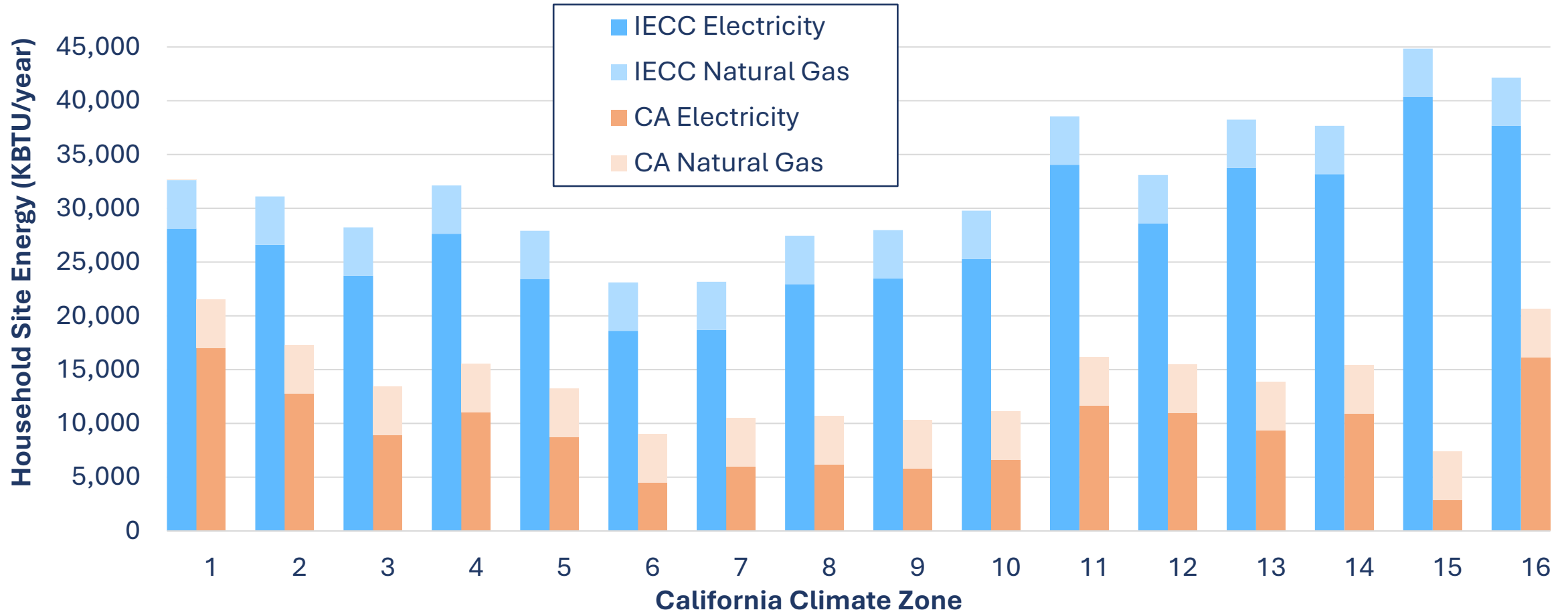
- Provides a holistic evaluation of 2025 Energy Code impacts, including interactive effects
- Estimates statewide energy, grid demand, and greenhouse gas savings compared to 2022 Code
- Confirms the 2025 Energy Code is at least as stringent as national model energy codes



Source: California Energy Commission

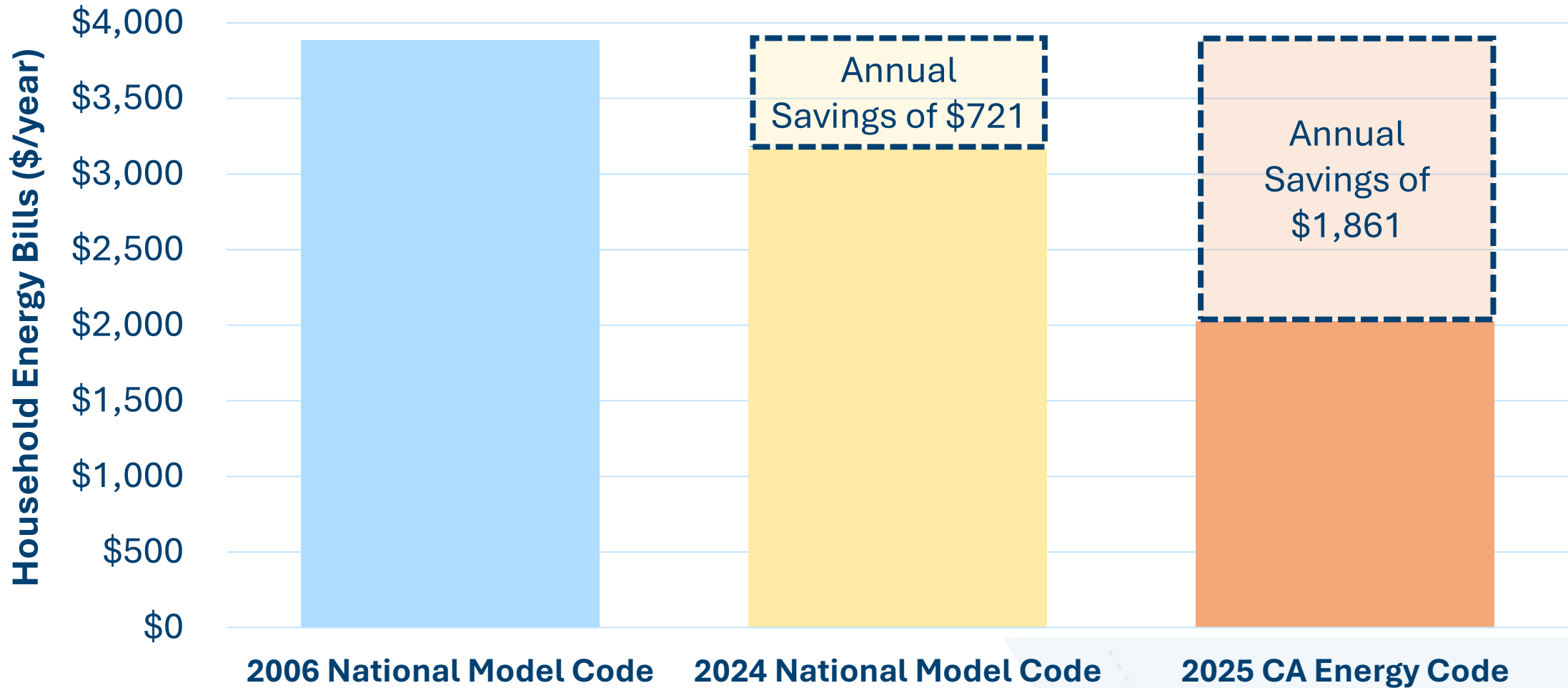


2025 Energy Code Vs. 2024 IECC





California Energy Code Bill Savings





Staff Recommendation

- CEC develops a custom Energy Code as a public service
- Delivering significant affordability benefits for future tenants
- New homes perform at least 57% better than latest model codes
- CEC staff request approval to certify that the residential code analysis exceeds DOE equivalency requirements