Beyond the 2012 IECC To Zero Net Energy Code

Measures for Base Codes, Stretch Codes, and Utility Programs

Practitioners, Utilities and Jurisdictions

Practitioners: Share how you have achieved ZNE. Publish your projects on the ZNE Registry: www.newbuildings.org/share

Utilities: Offer a ZNE incentive path that reduces the risk inherent to innovative projects and satisfies special needs for ZNE such as early design process assistance, technical support, specialized commissioning, and post-occupancy evaluation.

Jurisdictions: Demonstrate ZNE targets through public buildings projects and lay out a roadmap to ZNE through incremental energy code updates and reach codes. Learn more about the code pathway to ZNE here: www.newbuildings.org/code-policy

Beyond Code Savings

Model Code Savings

Renewable Production


Tier 4: 40% Savings Beyond 2012 IECC
- Remodels
- District Energy
- Plug Loads
- Strategic Energy Management

Deeper savings through design choices:

Tier 3: 20-30% Savings Beyond 2012 IECC – Performance Pathways
- Advanced Envelope
- Advanced Daylighting
- Advanced Office Lighting Design
- 3 HVAC Pathways

Universally applicable measures:

Tier 2: 15-25% Savings Beyond 2012 IECC
- Daylighting Controls
- Fan Power Limits
- Acceptance Testing (Cx)
- Verify Air Barrier Performance

Universally applicable measures:

Tier 1: Aligned with 2012 IECC

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