



Architecture 2030 ZERO Code Renewable Energy Appendix Proposal

Tuesday, July 16, 2019
2:30pm–4pm EDT

[Register Here](#)

Submitted for approval to AIA CES for 1.5 AIA HSW (approval pending for course #AIACES071619)

NOTE: If you missed our January 24 webinar on the [Architecture 2030 ZERO Code](#), you can [watch that introductory session](#) before checking out this presentation on how you can advocate for the Zero Code’s inclusion in the next edition of the International Energy Conservation Code (IECC).

We are currently undergoing the largest wave of urban growth in human history. By 2060, the world is projected to add 2.5 trillion sq ft of buildings, or an area equal to the entire current global building stock. This is the equivalent of adding an entire New York City to the planet every 34 days for the next 40 years. Improvements in building energy efficiency and growth in renewable energy generating capacity have not been nearly enough to offset the increase in emissions from new construction.

Learn about [ZERO Code Renewable Energy Appendix proposal](#) for the IECC ([CE264-19](#)), its key features and how compliance would be achieved. The ZERO Code Renewable Energy Appendix is a proposed appendix to the 2021 IECC to require that new commercial, institutional, and mid- to high-rise residential buildings install or procure enough renewable energy to achieve zero-net-energy on an annual basis. The appendix encourages onsite renewable energy systems when feasible, but also supports offsite procurement of renewable energy through a variety of methods. This appendix does not allow renewable energy to be traded off against the energy efficiency required by the 2021 IECC. The provisions contained in this appendix are mandatory when specified as such in the jurisdiction’s adopting ordinance.

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1. Design buildings that comply with that comply with ZERO Code Renewable Energy Appendix.
2. Explain to ICC voting members the importance of the ZERO Code Renewable Energy Appendix and the various options for compliance.
3. Investigate viable options for off-site procurement of renewable energy and make client recommendations.
4. Understand the ICC voting process and how to advocate for the passage of the ZERO Code Renewable Energy Appendix.

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