

2024 IECC

NBI has submitted proposals into the ICC process to advance the 2024 IECC. The proposed amendments cover a wide range of measures and improve the code by adding additional efficiency, clarifying requirements, and creating greater flexibility for code users and local jurisdictions. Learn more at newbuildings.org/code_policy/2024-iecc-national-model-energy-code-base-codes.

Code Change Title: Renewable Energy Credits REPI-158-21

Summary: Clarifies RECS definition and documentation requirements for RECS.

Revise definition as follows:

RENEWABLE ENERGY CERTIFICATE (REC): An market-based instrument that represents and conveys the environmental, social, and other non-power attributes of one megawatt hour of renewable electricity generation and could be sold separately from the underlying physical electricity associated with renewable energy resources energy; also known as an energy attribute and energy attribute certificate (EAC).

Revise as follows:

SECTION R404

ELECTRICAL POWER, AND LIGHTING, AND RENEWABLE ENERGY SYSTEMS

Add new text as follows:

R404.5 Renewable energy certificate (REC) documentation. Where on-site renewable energy generation is required by this code the property owner or owner's authorized agent shall demonstrate that any RECs or EACs associated with on-site renewable energy are retained, or retired, on behalf of the property owner.

Revise text as follows:

R406.7.3 Renewable energy certificate (REC) documentation. Where onsite renewable energy is included in the calculation of an ERI, documentation shall comply with Section R404.5. ~~one of the following forms of documentation shall be provided to the code official:~~

- ~~1. Substantiation that the RECs associated with the onsite renewable energy are owned by, or retired on behalf of, the homeowner.~~
- ~~2. A contract that conveys to the homeowner the RECs associated with the onsite renewable energy, or conveys to the homeowner an equivalent quantity of RECs associated with other renewable energy.~~

Add new text as follows:

RC102.3 Renewable energy certificate (REC) documentation. Documentation shall comply with Section R404.5

During the 2021 IECC process the Solar Energy Industry Association (SEIA) assisted NBI in drafting revisions to the original proposal during the public comment period. Because of the rules of the ICC process, the public comment was put up for the online vote. This proposal brings back the public comment language for consideration into the 2024 IECC. This proposal also seeks to clarify the term renewable energy certificate. The proposal more closely aligns the definition with language under consideration both in ASHRAE Standard 228P, The Standard Method of Evaluating Zero Energy Building Performance, and in ASHRAE Standard 189.1, which will be the basis of the IgCC.