

2024 IECC

NBI, representing the California Statewide Utility Codes and Standards Team, has submitted public comments into the ICC process to advance the 2024 IECC. The proposed public comments 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.

Renewable Energy Contract Length

Revise equation as follows:

$$\text{Adjusted OPP} = \text{OPP}_{\text{kWh}} + \text{CREF}_{\text{kWh}} + \frac{\text{CLyrs}}{15} (\text{PPPA}_{\text{kWh}} + \text{FPPA}_{\text{kWh}})$$

OPP_{kWh} = Annual electrical energy from on-site renewable energy, in units of kilowatt-hours (kWh).

CLyrs = Length of renewable energy contract (years).

CREF_{kWh} = Annual electrical energy from a community renewable energy facility (CREF), in units of kilowatt-hours (kWh).

PPPA_{kWh} = Where not included as OPP, the annual electrical energy contracted from a physical renewable energy power purchase agreement, in units of kilowatt-hours (kWh).

FPPA_{kWh} = Where not included as OPP, the annual electrical energy contracted from a financial renewable energy power purchase agreement (FPPA), in units of kilowatt-hours (kWh).

Revise text as follows:

~~RC103.3.1 Power purchase agreement~~ Renewable energy contract. The renewable energy shall be delivered or credited to the building site under an energy contract with a duration of not less than 10 years. The contract shall be structured to survive a partial or full transfer of ownership of the building property.

Reason Statement:

This amendment creates greater equivalence between the amount of power procured by an off-site renewable energy contract and that provided throughout the life of an on-site renewable energy system, which can operate for up to 25-30 years. It requires buildings with contract lengths shorter than 15 years to purchase the same amount of power over the shorter contract length as would be purchased in a 15-year contract or produced in 15 years by an onsite system. This approach parallels the draft commercial 2024 IECC which requires building owners with contract lengths between 10 and 15 years to procure an equivalent total amount of renewable energy as building owners with a 15-year contract.

Finally, this amendment amends the section title to be consistent with a similar section title in the commercial IECC.