

# 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](https://newbuildings.org/code_policy/2024-iecc-national-model-energy-code-base-codes).

## Grid-Integrated Water Heating

Add new definitions as follows:

**GRID-INTEGRATED CONTROL.** An automatic control that can receive, automatically respond to demand response requests from and send information back to a utility, electrical system operator, or third-party demand response program provider.

Add new text as follows:

**R403.5.4 Grid-integrated water heating.** Electric storage water heaters with a storage tank capacity greater than 37 gallons (140 L) shall be provided with *grid-integrated controls* that comply with ANSI/CTA-2045-B, Level 2.

Revise table as follows:

**TABLE R405.2 REQUIREMENTS FOR TOTAL BUILDING PERFORMANCE**

SECTION	TITLE
Mechanical	
<u>R403.5 except Section R403.5.2</u>	<u>Service hot water systems</u>
R403.5.1	Heated water circulation and temperature maintenance systems
R403.5.3	Drain water heat recovery units

Revise table as follows:

**TABLE R406.2 REQUIREMENTS FOR ENERGY RATING INDEX**

SECTION	TITLE
Mechanical	
<u>R403.5 except Section R403.5.2</u>	<u>Service hot water systems</u>
R403.5.1	Heated water circulation and temperature maintenance systems
R403.5.3	Drain water heat recovery units

Revise text as follows:

**R407.2 Tropical climate region.** Compliance with this section requires the following:

3. Solar, wind or other renewable energy source supplies not less than 80 percent of the energy for service water heating controlled in accordance with Section R403.5.4.

Add new standard as follows:

**CTA**

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<i>Standard reference number</i>	<i>Title</i>	<i>Referenced in code section number</i>
<u>ANSI/CTA- 2045-B</u>	<u>Modular Communications Interface for Energy Management . . . . .</u>	<u>. . . . . R403.5.4</u>

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