

<b>Errata      2023 Illinois Stretch Energy Code</b>
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**Applies to following Printings:** First  
**Posted:** March 12, 2025

**Page Number:** Appendix CI-1

$$PRE = PBP_{nre} - PBP_{pre}$$

When  $(PBP_{pre} - PBP)/BBP > 0.05$ , new buildings, additions to existing buildings and/or alterations to existing buildings shall comply with the following:

$$PSEI + [(PBP_{nre} - PBP)/BBP] - 0.05 < PSEI_t$$

When  $(PBP_{pre} - PBP)/BBP > 0.05$ , new buildings, additions to existing buildings and/or alterations to existing buildings shall comply with the following:

$$PCI + [(PBP_{pre} - PBP)/BBP] - 0.05 < PCI_t$$

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**R405.1 Scope.** This section establishes criteria for compliance using total building performance analysis. Such analysis shall include heating, cooling, mechanical ventilation and service water-heating energy only. Such analysis shall exclude renewable energy.

3. The site energy use, excluding renewable energy, of the proposed design shall be less than or equal to 71 percent of the site energy use of the *standard reference design*.

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

SECTION	TITLE
<b>General</b>	
R401.3	Certificate
<del>R408</del>	<del>Additional efficiency requirements</del>
<b>Building Thermal Envelope</b>	

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

SECTION	TITLE
<b>General</b>	
R401.3	Certificate
<del>R408</del>	<del>Additional efficiency requirements</del>
<b>Building Thermal Envelope</b>	

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**R406.4 Energy Rating Index.** The Energy Rating Index (ERI) shall be determined in accordance with ANSI/ RESNET/ICC 301. The mechanical ventilation rates used for the purpose of determining the ERI shall not be construed to establish minimum ventilation requirements for compliance with this code.

Energy used to recharge or refuel a vehicle used for transportation on roads that are not on the building site shall not be included in the *ERI reference design* or the *rated design*. For compliance purposes, a reduction in energy use of the rated design for renewable energy shall not be permitted.

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**R408.3.2 More efficient HVAC equipment performance option.** Heating and cooling *equipment* shall meet one of the following efficiencies:

**Options:**

1. Greater than or equal to 16.9 SEER2 and 13.4 EER2 air conditioner.