OPM: Energy Standards Page 1 of 2



# Office of Policy and Management



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## Policy Development and Planning Division - Energy Management



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## **Product Efficiency Standards**

Public Act 04-85, established energy efficiency standards for a variety of heating, cooling, lighting, and other types of products. The legislation mandates that products that do not meet Connecticut standards cannot be sold, offered for sale or installed in Connecticut on or after the effective date of the standard. Since the legislation was passed, Federal energy legislation was passed that pre-empts states from establishing standards for certain products. For Connecticut, that means most of the standards will not be taking effect. However, for the following products, standards will be established in Connecticut until the federal standards take over:

Product	CT Standards become effective	Pre-emption date by Federal Standards
Low voltage dry-type transformers	7/1/06	1/1/07
Unit Heaters	7/1/06	8/1/08
Commercial refrigerators and freezers	7/1/08	1/1/10
Large packaged air conditioning equipment	7/1/09	1/1/10

#### Connecticut Energy Efficiency Regulations

Public Act 07-242 adds a number of new products that are required to meet energy efficiency standards. These include: residential furnaces and boilers (only those purchased by state government), residential pool pumps, metal halide lamp fixtures, single voltage external AC to DC power supplies, state regulated incandescent reflector lamps, bottle-type water dispensers, commercial hot food holding cabinets, portable electric spas, walk-in refrigerators and walk-in freezers, and pool heaters. OPM is responsible for developing the regulations for the new products.

To view a listing of products that comply or do not comply with Connecticut's Product Efficiency Standards, visit <a href="https://www.appliancestandards.org">www.appliancestandards.org</a>.

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#### High Performance Building Standards

All new building construction projected to cost five million dollars (\$5 million) or more and utilizing two million dollars (\$2 million) of state funds, or major renovations projected to cost two million dollars (\$2 million) or more and utilizing two million dollars (\$2 million) of state funds, must comply with state regulations being developed by OPM as required by Public Acts 06-187, Section 70 and 07-242 Section 10. In brief, this construction must meet or exceed certain energy and environmental criteria based on Leadership in Energy and Environmental Design Silver standards or qualify for two Green Globes using the Green Globe USA design program, and exceed energy standards set forth in the 2004 edition of the American Society of Heating Refrigeration and Air Conditioning Engineers (ASHRAE) Standard 90.1 by no less than 20%.

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OPM: Energy Standards Page 2 of 2

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