

Energy Efficiency Standards Adopted and Pending by State

(updated February 2008 by Appliance Standards Awareness Project and Northeast Energy Efficiency Partnerships)

(X = adopted standard (with effective date shown); P = pending standard)

STATE <i>(year(s) of enactment)</i>	AZ <i>(2005)</i>	CA <i>(2002/ 2004)</i>	CT <i>(2004/ 2007)</i>	DC <i>(2007)</i>	MA <i>(2005)</i>	MD <i>(2004/20 07)</i>	NH	NJ <i>(2005)</i>	NY ¹ <i>(2005)</i>	OR <i>(2005/ 2007)</i>	RI <i>(2005/ 2006)</i>	WA <i>(2005)</i>	VT <i>(2006)</i>	2005/2007 Fed. energy law standards (effective date)
Appliance Standards in First Model Bill														
Ceiling fans and ceiling fan light kits		X 2006				X 3/2007			X					Jan. 2007
Commercial clothes washers	X 2008	X 2005/ 2007	X 7/2007			X 3/2007		X 2007/ 2010		X 2009	X 2007	X 2007		Jan. 2007
Commercial refrigerators and freezers	X 2010	X 2003/ 2006	X 7/2008			X 9/2005		X 2010	X 2010	X 2008	X 2010	X 2007		Jan. 2010
Digital television adapters									X (tbd)					Not covered
Illuminated exit signs	X 2008	X 3/2003	X 7/2006			X 3/2005		X 3/2007	X	X 2007	X 2007	X 2007		Jan. 2006
Large packaged AC >20 tons	X 2010	X 2006/ 2010	X 7/2009			X 8/2005		X 2010	X 2010		X 2010			Jan. 2010
Low-voltage dry-type transformers²	X 2008	X 3/2003	X 7/2006		X 1998	X 3/2005		X 3/2007	X 2003	X 2003	X 2007	X 2007		Jan. 2007
Torchieres	X 2008	X 2003	X 7/2006			X 3/2005		X 3/2007	X	X 2007	X 2007	X 2007		Jan. 2006
Traffic signals (pedestrian)		X 2006							X					Jan. 2006
Traffic signals (vehicular)	X 2008	X 2003	X 7/2006			X 3/2005		X 3/2007	X	X 2007	X 2007	X 2007		Jan. 2006
Unit heaters	X 2008	X 2006	X 7/2006			X 9/2005		X 3/2007	X	X 2008	X 2007	X 2007		Aug. 2008
Appliance Standards Added in Second Model Bill														
Automatic commercial ice makers	X 2008	X 2007							X 2010	X 2008	X 2010	X 2008		Jan. 2010
Commercial pre-rinse spray valves	X 2008	X 2006							X	X 2007	X 2007	X 2007		Jan. 2006
Consumer audio and video products³		X 2006/ 2007							X (tbd)	X 9/2009				Not covered

¹ The New York law specified standards and effective dates for some products (those with effective dates shown) and required agency rulemaking to determine standards for other products. Products subject to ongoing rulemaking are marked "tbd.")

² States with transformer standards pre-dating state laws either had building code requirements or earlier state legislation for this product.

³ Products included in this category vary by state. Each state covers compact audio and DVD players and recorders, CA and NY also cover televisions.

STATE (year(s) of enactment)	AZ (2005)	CA (2002/ 2004)	CT (2004/ 2007)	DC (2007)	MA (2005)	MD (2004/20 07)	NH	NJ (2005)	NY ¹ (2005)	OR (2005/ 2007)	RI (2005/ 2006)	WA (2005)	VT (2006)	2005/2007 Fed. energy law standards (effective date)
High intensity discharge lamp ballasts (mercury vapor)											X 2007			Jan. 2008
Medium-voltage dry-type transformers⁴					X 2008								X 2008	Not covered
Metal halide lamp fixtures⁵	X 2008	X 2006/ 2008	X 2010	X 2009	X 2009	X 2009			X 2008	X 2008	X 2008	X 2009	X 2009	Jan. 2009
Residential furnaces					X (tbd)	X ⁶ (tbd)	P	P			X (tbd)		X (tbd)	Not covered
Residential boilers					X (tbd)						X (tbd)		X (tbd)	Sept. 2012
Residential furnace fans					X (tbd)	X (tbd)	P	P			X (tbd)		X (tbd)	Jan. 2017 ⁷
Single-voltage external power supplies	X 2008	X 2007/ 7/2008	X 2008	X 2012	X 2008	X 2012			X (tbd)	X 2008	X 2007	X 2008	X 2008	July 2008 ⁸
State regulated incandescent reflector lamps (BRs, ERs and R20s)		X 6/07	X 2009	X 2009	X 2008	X 2009			X	X 2008	X 2008	X 2008	X 2008	June 2008
Appliance Standards Added in Third Model Bill														
Bottle-type water dispensers		X 2007	X 2009	X 2009		X 2009	P	P		X 9/2009	X 2008			Not covered
Commercial hot-food holding cabinets		X 2007	X 2009	X 2009		X 2009	P	P		X 9/2009	X 2008			Not covered
Walk-in refrigerators and freezers		X 2007	X 2009	X 2009		X 2009				X 9/2009	X 2008			Jan. 2009
Pool pumps		2006/ 2008	X 2010											Not covered
Portable electric spas		X 2009	X 2009							X 9/2009				Not covered

NOTES: 1. Additional products: California and Nevada enacted general service light bulb standards prior to federal enactment and may enforce their state standards. California has standards for several products not covered in this document and a rulemaking pending in 2008 which may lead to additional standards.

⁴ US DOE issued final federal standards for medium voltage dry type transformers (and liquid immersed transformers) in October 2007 which will be effective Jan. 2010.

⁵ NY and RI metal halide lamp fixture standards are limited to fixtures which are designed and marketed to operate in a vertical position. CA standards apply to vertical, base up fixtures as of 1/2006 and expand to all other fixtures regardless of position effective 1/2008.

⁶ The furnace standard in Maryland only applies to new construction not to retrofits in existing buildings.

⁷ The 2007 federal energy bill does not set a specific standard for furnace fans but instructs the DOE to set a standard by January 2014, which might be effective three years later.

⁸ The federal standard has a narrower scope than most state standards because it does not apply to certain power supplies used with some products that include batteries. Federal preemption only applies to those products subject to federal standards, so states will continue to enforce standards with respect to some external power supplies.

2. The last column shows the effective date for product standards included in the 2005 or 2007 federal energy laws. Under the general rules of federal preemption applied by these laws, states which had set standards prior to federal enactment may enforce their state standards up until the federal standards become effective. But, states that have not yet set standards are preempted immediately. (Note that there are some exceptions to this general rule.) State standards with no highlighting (no shading) are now preempted because (a) federal standards are now in effect or (b) federal standards will become effective prior to the state implementation date. Those highlighted in yellow (light shading) will be implemented for some period of time before federal standards take effect. The recent federal energy laws have no impact on those with blue highlighting (dark shading).

3. Unless otherwise shown, standards become effective on January 1. Where two dates are shown, the standard has two levels or components which become effective on different dates.