

Energy Efficiency Standards Adopted and Pending by State

(updated October 2009 by Appliance Standards Awareness Project and Northeast Energy Efficiency Partnerships)

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

No shading = standard now preempted by equivalent or stronger federal standards; yellow (light shading) = state is implementing until federal standards take effect; blue (dark shading) = no federal preemption applies

STATE <i>(year(s) of enactment)</i>	AZ <i>(2005/09)</i>	CA <i>(var.)</i>	CT <i>(2004/2007)</i>	DC <i>(2007)</i>	MA <i>(2005)</i>	MD <i>(2004/07)</i>	NH <i>(2008)</i>	NJ <i>(2005)</i>	NV <i>(2007)</i>	NY ¹ <i>(2005)</i>	OR <i>(2005/2007)</i>	RI <i>(2005/2006)</i>	WA <i>(2005/09)</i>	VT <i>(2006)</i>	2005/2007 Fed. energy law standards (effective date)
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 ²
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 transformers³	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
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

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 All digital television adapters must meet minimum federal standards to receive the \$40 federal coupon, therefore ASAP no longer recommends state standards.

³ States with transformer standards pre-dating state laws either had building code requirements or earlier state legislation for this product.

STATE (year(s) of enactment)	AZ (2005/09)	CA (var.)	CT (2004/2007)	DC (2007)	MA (2005)	MD (2004/07)	NH (2008)	NJ (2005)	NV (2007)	NY ¹ (2005)	OR (2005/2007)	RI (2005/2006)	WA (2005/09)	VT (2006)	2005/2007 Fed. energy law standards (effective date)
Consumer audio and video products⁴		X 2006/ 2007			P					X (tbd)	X 9/2009				Not covered
High intensity discharge lamp ballasts (mercury vapor)												X 2007			Jan. 2008
Medium-voltage dry-type transformers⁵					X 2008									X 2008	DOE rule issued in 2007
Metal halide lamp fixtures⁶	X 2008	X ⁷ 2006/08/ 10	X 2010	X 2009	X 2009	X 2009				X 2008	X 2008	X 2008	X 2009	X 2009	Jan. 2009
Residential furnaces⁸					X (tbd)	X ⁹ (tbd)	X (tbd)					X (tbd)		X (tbd)	Not covered
Residential boilers					X (tbd)							X (tbd)		X (tbd)	Sept. 2012
Residential furnace fans					X (tbd)	X (tbd)	X (tbd)					X (tbd)		X (tbd)	Jan. 2017 ¹⁰
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 ¹¹
State regulated incandescent reflector lamps (BRs, ERs and R20s)		X 6/07	X 2009	X 2009	X 2008	X 2009				X	X	X 2008	X 2008	X 2008	June 2008
Bottle-type water dispensers		X 2007	X 2009	X 2009	P	X 2009	X 2009				X 9/2009	X 2008	X 2010		Pending in 09 bill
Commercial hot-food holding cabinets		X 2007	X 2009	X 2009	P	X 2009	X 2009				X 9/2009	X 2008	X 2010		Pending in 09 bill
Walk-in refrigerators and freezers		X 2007	X 2009	X 2009		X 2009					X 9/2009	X 2008			Jan. 2009

⁴ Products included in this category vary by state. Each state covers compact audio and DVD players and recorders, CA and NY also cover televisions.

⁵ 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.

⁶ 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.

⁷ CA metal halide fixture standards are exempt from federal preemption.

⁸ States must seek and be granted waivers from federal preemption to implement state furnace and boiler standards. MA is developing its application.

⁹ The furnace standards in Maryland and New Hampshire only apply to natural gas and propane furnaces installed in new construction.

¹⁰ 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.

¹¹ 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.

STATE (year(s) of enactment)	AZ (2005/ 09)	CA (var.)	CT (2004/2 007)	DC (2007)	MA (2005)	MD (2004/0 7)	NH (2008)	NJ (2005)	NV (2007)	NY ¹ (2005)	OR (2005/2 007)	RI (2005/2 006)	WA (2005/ 09)	VT (2006)	2005/2007 Fed. energy law standards (effective date)
Pool pumps	X 2012	2006/ 08/10	X 2010										X 2010		Not covered
Portable electric spas	X 2012	X 2009	X 2009		P						X 9/2009		X 2010		Pending in 09 bill
General service light bulbs		X ¹² 2011							X ¹³ 2012						2012 – 2014/2020 ¹⁴
Portable light fixtures		X 2010			P										Pending in 09 bill
Televisions		P			P										Not covered

NOTES: 1. California has standards for some products not covered in this document.

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.

¹² CA regulations implement the federal standards for general service light bulbs one year earlier and accelerate the 2020 federal standard to 2018.

¹³ The NV standard is exempt from federal preemption because it predates and is stronger than the federal standard. It requires an efficacy of at least 25 lumens per watt.

¹⁴ The initial federal standards take effect for lamps with lumen output equal to conventional 100 watt bulbs in 2012, for those with lumen output of conventional 75 watt bulbs in 2013 and for those with output equal to conventional 60 and 40 watt bulbs in 2014. A second tier which requires efficacy close to the levels of CFLs takes effect in 2020, but could be stronger subject to DOE rulemaking.