

State Appliance and Equipment Energy Efficiency Standards

STATUS and IMPLEMENTATION DATES (updated July 2006)

X = standard enacted; implementation date as indicated.

* See notes for information necessary to interpret this table.

	AZ	CA ^a	CT	MA	MD	NJ	NY ^b	OR	RI	VT	WA	2005 Fed. energy law ^c
STATUS	enacted 2005	by regulation in 2002, 2004 & 2006	enacted 2004	enacted 11/05	enacted 2004	enacted 2005	enacted 2005	enacted 2005	enacted 2005; and 2006	enacted 05/2006	enacted 2005	
Automatic commercial ice makers	X 2008	X 2008					X 2010	X 2008	X 2010		X 2008	Jan. 2010
Ceiling fans and ceiling fan light kits		X ^d 2006			X 3/2007		X 2007					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 hot food holding cabinets		X 2006							X 2008			
Commercial pre-rinse spray valves	X 2008	X 2006					X 2007	X 2007	X 2007		X 2007	Jan. 2006
Commercial refrigerators and freezers	X 2010	X 2003/2006	X 7/2008		X 9/2005	X 2010	X 2010	X 2007	X 2010		X 2007	Jan. 2010
Consumer audio and video products^e		X 2006/2007					X TBD					Not covered
Digital television adapters		X 2007					X TBD					Not covered
High intensity discharge lamp ballasts (mercury vapor)									X 2007			Jan. 2008
Illuminated exit signs	X 2008	X 3/2003	X 7/2006		X 3/2005	X 3/2007	X 2007	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 transformers^f	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
Medium-voltage dry-type transformers				X 2008						X 2008		Not covered

	AZ	CA ^a	CT	MA	MD	NJ	NY ^b	OR	RI	VT	WA	
Metal halide lamp fixtures^g	X 2008	X 2006/ 2008		X 2009			X 2008	X 2008	X 2008	X 2009	X 2008	Not covered
Pool pumps		2006/ 2008										Not covered
Residential furnaces & boilers¹				X TBD					X TBD	X TBD		Not covered
Residential furnace fans¹				X TBD					X TBD	X TBD		Not covered ^h
Single-voltage external power supplies	X 2008	X 1/2007 7/2007 7/2008 ²		X 2008			X TBD	X 2007	X 2008	X 2008	X 2008	DOE rule-making ⁱ
State regulated incandescent reflector lamps (BRs, ERs and R20s)		2008		X 2008			X TBD	X 2007	X 2008	X 2008	X 2007	Not covered
Torchieres	X 2008	X 2003	X 7/2006		X 3/2005	X 3/2007	X 2007	X 2007	X 2007		X 2007	Jan. 2006
Traffic signals (pedestrian)		X 2006					X 2007					Jan. 2006
Traffic signals (vehicular)	X 2008	X 2003	X 7/2006		X 3/2005	X 3/2007	X 2007	X 2007	X 2007		X 2007	Jan. 2006
Unit heaters	X 2008	X 2006	X 7/2006		X 9/2005	X 3/2007	X 2007	X 2007	X 2007		X 2007	Aug. 2008
Walk-in refrigerators and freezers		X 2006							X 2008			
Water dispensers (bottle-type)		X 2006							X 2008			

NOTES:

1. The last column shows the effective date product standards included in the 2005 federal energy law (EPAAct 2005). Under the general rules of federal preemption in EPAAct 2005, 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. State standards with no highlighting (no shading) are now preempted because 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 bill has no impact on those with blue highlighting (dark shading).
2. 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.

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^a In addition to the products listed in this table, CA has also adopted standards for general service incandescent lamps evaporative coolers, hot tubs (portable electric spas), under cabinet fluorescent lamps, vending machines and some additional products.

^b For most products, the New York legislation requires the implementing agency (Department of State in consultation with New York State Energy Research and Development Authority, NYSERDA) to develop standards by June 30, 2006 and to implement such standards no sooner than six months after issuing final rules. The proceeding to develop these standards (for products not preempted by EPAAct 2005) is currently underway.

¹ States may be required to apply for a waiver from federal preemption in order to implement furnace and boiler and/or furnace fan standards. Implementation dates may depend on when U.S. DOE grants such waivers.

² The initial CA power supply standard goes into effect for certain named products on 1/1/2007 and all other products on July 1, 2007. A more stringent standard goes into effect on July 1, 2008.

^cIn addition to the products in this table, the 2005 federal energy bill also includes standards for dehumidifiers (effective Oct. 2007) and compact fluorescent lamps (effective Jan. 2006) and calls for DOE to develop standards for vending machines and battery chargers. The federal standard for vending machines must be issued by August 2009 to be effective by August 2012; equivalent dates for battery chargers are 2008 and 2011.

^d California's initial requirements are limited to labeling and reporting.

^e These include televisions, compact audio products, DVD players and recorders, and digital television adapters (also listed separately in this table).

^f Low voltage dry type transformer standards in MA, NY and OR were set prior to most recent legislation.

^g 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.

^h The 2005 federal energy bill clarifies DOE authority to establish electricity use standards for furnaces.

ⁱ DOE must issue standard by Aug. 2008; effective by Aug. 2011. State standards are not preempted until a DOE standards goes into effect.