

## U.S. DOE APPLIANCE STANDARDS RULEMAKINGS SCHEDULE

*Prepared by Appliance Standards Awareness Project  
Updated June 28, 2011*

The following schedule includes completed and estimated dates for U.S. Department of Energy (DOE) rulemakings. Dates for prospective events are based on the published DOE schedules, if available, or ASAP estimates. Items in **this shade** have been completed. The estimated or required date for items in **this shade** has passed without DOE completing the item. Items not shaded are expected on the date indicated.

*(See note 'a' below for a definition of terms)*

### ASHRAE Products (The American Society of Heating, Refrigerating & Air-Conditioning Engineers)<sup>b</sup>

Standards	Notice of data availability	May 5, 2011
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#### Automatic Ice Makers

Test Procedures	Proposed rule	April 4, 2011
	Final rule	July 2011
Standards	Framework document	November 19, 2010
	Preliminary analysis	August 2011
	Proposed rule	May 2012
	Final rule	November 2012

#### Battery Chargers and External Power Supplies

Test Procedures- Standby and Off Mode	Proposed rule	August 15, 2008
	Final rule	March 27, 2009
Test Procedures	Proposed rule	April 2, 2010
	Final rule	June 1, 2011
Standards	Framework document	June 4, 2009
	Preliminary analysis	September 15, 2010
	Proposed rule	January 2011
	Final rule	July 2011

#### Blowers, Fans, and Fume Hoods

Standards	Determination of coverage	June 28, 2011
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#### Boilers, Commercial (ASHRAE products)

Standards	<i>Rulemaking triggered by revision to ASHRAE standards in January 2008.</i>	
	Preliminary analysis	July 16, 2008
	Proposed rule	March 20, 2009
	Final rule	July 22, 2009

Note: A "\*" indicates an ASAP estimate.

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### Central A/C and Heat Pumps

Test Procedures	Proposed rule	June 2, 2010
	Supplemental proposed rule	April 1, 2011
	Final rule	June 2011
Standards	Framework document	June 6, 2008
	Preliminary analysis	March 25, 2010
	Proposed rule	June 27, 2011
	Direct final rule	June 27, 2011

### Clothes Dryers and Room A/C

Test Procedures- Standby and Off Mode	Proposed rule	December 9, 2008
	Supplemental proposed rule	June 29, 2010
	Final rule	January 6, 2011
Test Procedures	Proposed rule	June 29, 2010
	Final rule	January 6, 2011
Standards	Framework document	October 9, 2007
	Preliminary analysis	February 23, 2010
	Proposed rule	April 21, 2011
	Direct final rule	April 21, 2011

### Clothes Washers, Commercial

Standards	Framework document	January 2012*
	Preliminary analysis	July 2013*
	Proposed rule	July 2014*
	Final rule	January 2015

### Clothes Washers, Residential

Test Procedures- Standby and Off Mode	Proposed rule	September 21, 2010
	Final rule	February 2011
Test Procedures	Proposed rule	September 21, 2010
	Final rule	February 2011
Standards	Framework document	August 28, 2009
	Final rule	March 2011

### Computers, Computer Equipment, and Certain Computer Components

Standards	Determination of coverage	February 2011
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### Dehumidifiers

Test Procedures- Standby and Off Mode	Proposed rule	December 2, 2010
	Final rule	March 2011

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### Dishwashers

Test Procedures- Standby and Off Mode	Proposed rule	December 2, 2010
	Final rule	March 2011
Standards	Framework document	January 2012*
	Preliminary analysis	July 2013*
	Proposed rule	July 2014*
	Final rule	January 2015

### Distribution Transformers – Liquid Immersed and Med-Voltage Dry-Type

Test Procedures	Proposed rule	February 2011*
	Final rule	February 2012
Standards	<i>As a result of a settlement agreement following litigation over the 2007 final rule, DOE must issue a determination by October 2011 and, if a positive determination is made, a final rule by October 2012.</i>	
	Preliminary analysis	March 2, 2011
	Proposed rule or negative determination	October 2011
	Final rule	October 2012

### Electric Motors

Test Procedures	Supplemental proposed rule	January 5, 2011
	Final rule	June 2011
Standards	Framework document	September 28, 2010
	Preliminary analysis	July 2011
	Proposed rule	April 2012
	Final rule	December 2012

### EPACT Products <sup>c</sup> (Energy Policy and Conservation Act, 2005)

Standards	Proposed rule or negative determination	November 2011*
	Final rule	November 2013

### External Power Supplies – Non-Class A

Determination	Draft determination	November 3, 2009
	Final determination	May 14, 2010

### Fluorescent Lamp Ballasts

Test Procedures- Standby and Off Mode	Proposed rule	January 21, 2009
	Final Rule	October 22, 2009
Test Procedures	Proposed rule	March 24, 2010
	Supplemental proposed rule	November 24, 2010
	Final Rule	May 4, 2011
Standards	Framework document	January 22, 2008
	Preliminary analysis	March 24, 2010
	Proposed rule	April 11, 2011
	Final rule	October 2011

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### Furnaces and Boilers, Residential

Test Procedures- Standby and Off Mode	Proposed rule	July 27, 2009
	Supplemental proposed rule	April 5, 2010
	Final rule	October 20, 2010
Standards	<i>Required pursuant to April 2009 litigation concerning the October 2007 final rule.</i>	
	Rulemaking analysis plan	March 15, 2010
	Proposed rule	June 27, 2011
	Direct final rule	June 27, 2011

### Furnace Fans

Test Procedures	Proposed rule	September 2011
	Final rule	April 2012
Standards	Framework document	June 3, 2010
	Preliminary analysis	July 2012*
	Proposed rule	February 2013
	Final rule	December 2013

### General Service Fluorescent Lamps and Incandescent Reflector Lamps

Test Procedures	Proposed rule	March 13, 2008
	Final rule	June 14, 2009
Standards	Framework document	June 2011*
	Preliminary analysis	December 2012*
	Proposed rule	December 2013*
	Final rule	June 2014

### General Service Incandescent Lamps, CFLs, General Service LEDs, and General Service OLEDs

Standards	Framework document	January 2014*
	Preliminary analysis	July 2015*
	Proposed rule	July 2016*
	Final rule	January 2017

### High-Intensity Discharge (HID) Lamps

Test Procedures	Proposed rule	August 2011
	Final rule	June 2012
Standards	Framework document	August 2011
	Proposed rule	February 2012
	Final rule	June 2012

### Incandescent Reflector Lamps (Certain ER, BR, and Small Diameter)

Standards	Framework document	May 3, 2010
	Proposed rule	February 2011
	Final rule	August 2011

### Luminaires

Standards	Determination of coverage	February 2011
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### Metal Halide Lamp Fixtures

Test Procedures (for ballasts)	Proposed rule	July 10, 2009
	Final rule	March 9, 2010
Standards	Framework document	December 30, 2009
	Preliminary analysis	April 1, 2011
	Proposed rule	July 2011
	Final rule	December 2011

### Microwave Ovens

Test Procedures- Standby and Off Mode	<i>Microwave ovens were initially included in the cooking products rulemaking.</i>	
	Supplemental proposed rule	July 22, 2010
	Final rule	March 9, 2011
Standards- Standby and Off Mode	Supplemental proposed rule	January 2011
	Final Rule	June 2011

### Non-General Purpose Motors

Standards	Request for information	March 30, 2011
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### Packaged Terminal Air Conditioners and Heat Pumps

Standards	Framework document	September 2013*
	Preliminary analysis	March 2015*
	Proposed rule	March 2016*
	Final rule	September 2016

### Pumps, Commercial and Industrial

Standards	Request for information	June 13, 2011
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### Ranges and Ovens

Test Procedures- Standby and Off Mode	Proposed rule	December 2, 2010
	Final rule	March 2011
Standards	Framework document	March 2014*
	Preliminary analysis	September 2015*
	Proposed rule	September 2016*
	Final rule	March 2017

### Refrigerators and Freezers, Commercial

Test Procedures	Proposed rule	November 24, 2010
	Final rule	January 2012
Standards	Framework document	May 6, 2010
	Preliminary analysis	March 30, 2011
	Proposed rule	February 2012
	Final rule	December 2012

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### Refrigerators and Freezers, Residential

Test Procedures	Proposed rule	May 27, 2010
	Final rule	December 16, 2010
Standards	Framework document	September 18, 2008
	Preliminary analysis	November 16, 2009
	Proposed rule	September 27, 2010
	Final rule	December 2010

### Set-Top Boxes and Network Equipment

Standards	Proposed determination of coverage	June 15, 2011
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### Small Motors

Test Procedures	Proposed rule	December 22, 2008
	Final rule	July 7, 2009
Standards	Framework document	August 10, 2007
	Preliminary analysis	December 30, 2008
	Proposed rule	November 24, 2009
	Final rule	March 9, 2010

### Televisions

Test Procedures	Proposed rule	March 2011
	Final Rule	January 2012
Standards	Framework document	June 2010*
	Preliminary analysis	December 2011*
	Proposed rule	May 2012
	Final rule	December 2012

### Vending Machines

Standards	Framework document	June 28, 2006
	Preliminary analysis	June 16, 2008
	Proposed rule	May 29, 2009
	Final rule	August 31, 2009

### Walk-In Coolers and Freezers

Test Procedures	Proposed rule	January 4, 2010
	Supplemental proposed rule	September 9, 2010
	Final rule	April 15, 2011
Standards	Framework document	January 6, 2009
	Preliminary analysis	April 5, 2010
	Proposed rule	June 2011
	Final rule	December 2011

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### Water Heaters, Pool Heaters and Direct Heating

Test Procedures- Standby and Off Mode	Proposed rule	August 30, 2010
	Final rule	August 2011
Standards	Framework document	November 24, 2006
	Preliminary analysis	January 13, 2009
	Proposed rule	December 11, 2009
	Final rule	April 16, 2010

**Note a:** The DOE rulemaking process typically takes three years. After each document is published, there is an open public comment period (usually between 30 and 75 days) and a public hearing in Washington DC. Times between each step can vary but are generally as stated:

**Framework Document** - Beginning step; DOE casts a broad net over the many issues which the rulemaking might encompass and asks for feedback from stakeholders to help steer them in the appropriate direction.

*1.5 years later...*

**Preliminary Technical Support Document** (referred to above as preliminary analysis) - DOE discusses methodologies and results of the preliminary technical analyses.

*1 year later...*

**Notice of Proposed Rulemaking (NOPR)** - DOE proposes standard levels, provides completed technical analyses, and requests final comments.

*6 months later...*

**Final Rule** - The rule is published and, usually, the standard goes into effect three years later (sometimes shorter, sometimes longer).

**Draft Determination:** This document provides the basis for determining if mandatory energy conservation standards are warranted and would result in significant energy savings. Determinations precede a regular rulemaking designed to determine standards levels, but Congress only required a determination phase for a few products.

**Final Determination:** The final rule which determines if energy conservation standards are warranted. If the determination is positive, the next step would typically be a Proposed Rule.

**Note b.** EPCA requires that if ASHRAE Standard 90.1 is amended with respect to any of the "ASHRAE Products," DOE must either establish an amended standard for the product(s) at the level specified in ASHRAE 90.1 or establish a more stringent standard if it would result in significant additional energy savings and is technologically feasible and economically justified. EPCA (as amended by the Energy Independence and Security Act, EISA) also requires that DOE review all standards every six years and issue either a notice that no revision is needed or a notice of proposed rulemaking and, two years later, a final rule. DOE finalized standards for several commercial products subject to ASHRAE standards on January 12, 2001, so, in ASAP's view, these standards are now due for review, regardless of whether they have been subject to revision in ASHRAE 90.1.

**Note c.** Under the same regular review requirement, DOE must review all standards set by EPACT 2005 (Energy Policy and Conservation Act) by fall 2011. These include automatic commercial ice makers, ceiling fan and ceiling fan light kits; compact fluorescent lamps; torchiere lighting fixtures; commercial unitary air conditioners; low-voltage distribution transformers; exit signs; traffic signals; pre-rinse spray valves and unit heaters.

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