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International Harmonization: United States Department of Energy Test Procedures Rulemaking Process Overview

Submitted by: United States



Aligning Energy Efficiency Regulations for ICT Products: Developing a Strategic Approach Seoul, Korea 18 July 2012





DOE Covered Products Energy Efficiency & Renewable Energy U.S. Legislation explicitly specifies 84 DOE "covered products" and provides DOE authority to promulgate test procedures and efficiency standards.			
NAECA (1975)	EPACT 1992	EPACT 2005	EISA 2007
 Refrigerators, Freezers and Refrigerator-Freezers Room Air Conditioners Contral Air Conditioners and Central Air Conditioning Heat Pumps Residential Water heaters Pool heaters (Gas Fired) Direct heating equipment Furnaces Residential Boilers Small Furnaces Mobile Home Furnace Dishwashers Residential Clothes washers Clothes dryers Kitchen ranges and ovens Fluorescent lamp ballasts Television Sets 	 General service incandescent lamp General service fluorescent lamp Incandescent reflector lamp Electric Motors and Pumps Large & Small commercial package air conditioning and heating equipment Single package vertical air conditioners & heat pumps Commercial warm air furnaces Packaged boilers Storage Water Heaters Packaged terminal air conditioners & heat pumps Showerheads Faccets Water closets Urinals Distribution Transformers High-intensity discharge lamps Small Electric Motors 	 Ceiling Fans & Light Kits Medium Base Compact Fluorescent Lamps Dehumidifiers Very large commercial package air conditioning and heating equipment (ASHRAE) Unit Heaters Automatic commercial ice makers Commercial refrigerators, freezers, and refrigerator-freezers Refrigerated Beverage Vending Machines Commercial clothes washers Battery Chargers Furnace Fans Illuminated Exit Signs Mercury Vapor Lamp Ballasts Torchieres Tarfic Signal Modules and Pedestrian Modules Commercial Prerinse Spray Valves External Power Supplies, Class A 	 2,601-3,300 Lumen General Service Incandescent Lamps 3-Way Incandescent Lamps Rough Service Lamps Shatter-Resistant Lamps Vibration Service Lamps Candelabra base incandescent lamp Intermediate base incandescent lamp Metal Halide Lamp Ballasts Metal halide Lamp Fixtures Metal





EPA–DOE Memorandum of Understanding (MOU)	ENERGY Energy Efficiency & Renewable Energy			
 On September 30, 2009, EPA and DOE signed a memorandum of understanding (MOU) designed to enhance and strengthen the ENERGY STAR program 				
EPA: Brand Manager	DOE: Technical Support			
 New Products Performance Levels Marketing & Outreach Product Database Monitoring & Verification 	Test MethodsMetricsMonitoring & Verification			

6 | DOE Appliance Standards

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Super-efficient Equipment and Appliance Deployment (SEAD)







