

4.4.1 Energy Policy Act of 2005, Provisions Affecting Energy Consumption in Federal Buildings

Energy Management Requirements - Amended reduction goals set by the National Energy Conservation Policy Act, and requires increasing percentage reductions in energy consumption through FY 2015, with a final energy consumption reduction goal of 20 percent savings in FY 2015, as compared to the baseline energy consumption of Federal buildings in FY 2003. (These goals were superseded by Section 431 of the Energy Independence and Security Act of 2007.) [Section 102]

Energy Use Measurement and Accountability - Requires that all Federal buildings be metered to measure electricity use by 2012. [Section 103]

Procurement of Energy Efficient Products - Requires all Federal agencies to procure ENERGY STAR qualified products, for product categories covered by the ENERGY STAR program, or FEMP designated products, unless such products are not available, or if such products are not cost-effective. [Section 104]

Federal Building Performance Standards - Requires that new Federal buildings be designed to achieve savings of at least 30% below ASHRAE Standard 90.1-2004 or 2004 IECC if cost-effective. [Section 109]

Federal Renewable Energy Purchase Requirement - Requires that the Federal government obtain at least 3 percent of electrical energy consumed in FY 2007, 2008 and 2009 from renewable energy sources. This requirement increases to 5 percent in FY 2010, 2011, and 2012, and to 7.5 percent for FY 2013 and all fiscal years after.

Source(s): Energy Policy Act of 2005, enacted August 8, 2005