

(4) practical, cost-effective measures that consumers can take to reduce consumption of electricity, natural gas, and gasoline, including—

- (A) maintaining and repairing heating and cooling ducts and equipment;
- (B) weatherizing homes and buildings;
- (C) purchasing energy efficient products; and
- (D) proper tire maintenance.

**(b) Cooperation**

The program carried out under subsection (a) shall—

- (1) include collaborative efforts with State and local government officials and the private sector; and
- (2) incorporate, to the maximum extent practicable, successful State and local public education programs.

**(c) Report**

Not later than July 1, 2009, the Secretary shall submit to Congress a report describing the effectiveness of the program under this section.

**(d) Termination of authority**

The program carried out under this section shall terminate on December 31, 2010.

**(e) Authorization of appropriations**

There are authorized to be appropriated to carry out this section \$90,000,000 for each of fiscal years 2006 through 2010.

(Pub. L. 109-58, title I, §134, Aug. 8, 2005, 119 Stat. 623.)

**§ 15833. Energy efficiency pilot program**

**(a) In general**

The Secretary shall establish a pilot program under which the Secretary provides financial assistance to at least 3, but not more than 7, States to carry out pilot projects in the States for—

- (1) planning and adopting statewide programs that encourage, for each year in which the pilot project is carried out—
  - (A) energy efficiency; and
  - (B) reduction of consumption of electricity or natural gas in the State by at least 0.75 percent, as compared to a baseline determined by the Secretary for the period preceding the implementation of the program; or
- (2) for any State that has adopted a statewide program as of August 8, 2005, activities that reduce energy consumption in the State by expanding and improving the program.

**(b) Verification**

A State that receives financial assistance under subsection (a)(1) shall submit to the Secretary independent verification of any energy savings achieved through the statewide program.

**(c) Authorization of appropriations**

There is authorized to be appropriated to carry out this section \$5,000,000 for each of fiscal years 2006 through 2010, to remain available until expended.

(Pub. L. 109-58, title I, §140, Aug. 8, 2005, 119 Stat. 647.)

**§ 15834. Report on failure to comply with deadlines for new or revised energy conservation standards**

**(a) Initial report**

The Secretary shall submit a report to Congress regarding each new or revised energy conservation or water use standard which the Secretary has failed to issue in conformance with the deadlines established in the Energy Policy and Conservation Act [42 U.S.C. 6201 et seq.]. Such report shall state the reasons why the Secretary has failed to comply with the deadline for issuances of the new or revised standard and set forth the Secretary's plan for expeditiously prescribing such new or revised standard. The Secretary's initial report shall be submitted not later than 6 months following August 8, 2005, and subsequent reports shall be submitted whenever the Secretary determines that additional deadlines for issuance of new or revised standards have been missed.

**(b) Implementation report**

Every 6 months following the submission of a report under subsection (a) until the adoption of a new or revised standard described in such report, the Secretary shall submit to the Congress an implementation report describing the Secretary's progress in implementing the Secretary's plan or the issuance of the new or revised standard.

(Pub. L. 109-58, title I, §141, Aug. 8, 2005, 119 Stat. 648.)

REFERENCES IN TEXT

The Energy Policy and Conservation Act, referred to in subsec. (a), is Pub. L. 94-163, Dec. 22, 1975, 89 Stat. 871, as amended, which is classified principally to chapter 77 (§6201 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 6201 of this title and Tables.

PART D—PUBLIC HOUSING

**§ 15841. Energy-efficient appliances**

In purchasing appliances, a public housing agency shall purchase energy-efficient appliances that are Energy Star products or FEMP-designated products, as such terms are defined in section 8259b of this title, unless the purchase of energy-efficient appliances is not cost-effective to the agency.

(Pub. L. 109-58, title I, §152, Aug. 8, 2005, 119 Stat. 649.)

**§ 15842. Energy strategy for HUD**

The Secretary of Housing and Urban Development shall develop and implement an integrated strategy to reduce utility expenses through cost-effective energy conservation and efficiency measures and energy efficient design and construction of public and assisted housing. The energy strategy shall include the development of energy reduction goals and incentives for public housing agencies. The Secretary shall submit a report to Congress, not later than 1 year after August 8, 2005, on the energy strategy and the

actions taken by the Department of Housing and Urban Development to monitor the energy usage of public housing agencies and shall submit an update every 2 years thereafter on progress in implementing the strategy.

(Pub. L. 109-58, title I, §154, Aug. 8, 2005, 119 Stat. 650.)

## SUBCHAPTER II—RENEWABLE ENERGY

### PART A—GENERAL PROVISIONS

#### § 15851. Assessment of renewable energy resources

##### (a) Resource assessment

Not later than 6 months after August 8, 2005, and each year thereafter, the Secretary shall review the available assessments of renewable energy resources within the United States, including solar, wind, biomass, ocean (including tidal, wave, current, and thermal), geothermal, and hydroelectric energy resources, and undertake new assessments as necessary, taking into account changes in market conditions, available technologies, and other relevant factors.

##### (b) Contents of reports

Not later than 1 year after August 8, 2005, and each year thereafter, the Secretary shall publish a report based on the assessment under subsection (a). The report shall contain—

(1) a detailed inventory describing the available amount and characteristics of the renewable energy resources; and

(2) such other information as the Secretary believes would be useful in developing such renewable energy resources, including descriptions of surrounding terrain, population and load centers, nearby energy infrastructure, location of energy and water resources, and available estimates of the costs needed to develop each resource, together with an identification of any barriers to providing adequate transmission for remote sources of renewable energy resources to current and emerging markets, recommendations for removing or addressing such barriers, and ways to provide access to the grid that do not unfairly disadvantage renewable or other energy producers.

##### (c) Authorization of appropriations

For the purposes of this section, there are authorized to be appropriated to the Secretary \$10,000,000 for each of fiscal years 2006 through 2010.

(Pub. L. 109-58, title II, §201, Aug. 8, 2005, 119 Stat. 650.)

#### § 15852. Federal purchase requirement

##### (a) Requirement

The President, acting through the Secretary, shall seek to ensure that, to the extent economically feasible and technically practicable, of the total amount of electric energy the Federal Government consumes during any fiscal year, the following amounts shall be renewable energy:

(1) Not less than 3 percent in fiscal years 2007 through 2009.

(2) Not less than 5 percent in fiscal years 2010 through 2012.

(3) Not less than 7.5 percent in fiscal year 2013 and each fiscal year thereafter.

##### (b) Definitions

In this section:

###### (1) Biomass

The term “biomass” means any lignin waste material that is segregated from other waste materials and is determined to be nonhazardous by the Administrator of the Environmental Protection Agency and any solid, nonhazardous, cellulosic material that is derived from—

(A) any of the following forest-related resources: mill residues, precommercial thinnings, slash, and brush, or nonmerchantable material;

(B) solid wood waste materials, including waste pallets, crates, dunnage, manufacturing and construction wood wastes (other than pressure-treated, chemically-treated, or painted wood wastes), and landscape or right-of-way tree trimmings, but not including municipal solid waste (garbage), gas derived from the biodegradation of solid waste, or paper that is commonly recycled;

(C) agriculture wastes, including orchard tree crops, vineyard, grain, legumes, sugar, and other crop by-products or residues, and livestock waste nutrients; or

(D) a plant that is grown exclusively as a fuel for the production of electricity.

###### (2) Renewable energy

The term “renewable energy” means electric energy generated from solar, wind, biomass, landfill gas, ocean (including tidal, wave, current, and thermal), geothermal, municipal solid waste, or new hydroelectric generation capacity achieved from increased efficiency or additions of new capacity at an existing hydroelectric project.

##### (c) Calculation

For purposes of determining compliance with the requirement of this section, the amount of renewable energy shall be doubled if—

(1) the renewable energy is produced and used on-site at a Federal facility;

(2) the renewable energy is produced on Federal lands and used at a Federal facility; or

(3) the renewable energy is produced on Indian land as defined in title XXVI of the Energy Policy Act of 1992 (25 U.S.C. 3501 et seq.) and used at a Federal facility.

##### (d) Report

Not later than April 15, 2007, and every 2 years thereafter, the Secretary shall provide a report to Congress on the progress of the Federal Government in meeting the goals established by this section.

(Pub. L. 109-58, title II, §203, Aug. 8, 2005, 119 Stat. 652.)

#### REFERENCES IN TEXT

The Energy Policy Act of 1992, referred to in subsec. (c)(3), is Pub. L. 102-486, Oct. 24, 1992, 106 Stat. 2776, as amended. Title XXVI of the Act is classified generally to chapter 37 (§3501 et seq.) of Title 25, Indians. For complete classification of this Act to the Code, see Short Title note set out under section 13201 of this title and Tables.