

notes under section 8101 of Title 7, and section 1902 of Title 30 may be cited as the ‘Energy Research, Development, Demonstration, and Commercial Application Act of 2005.’

Pub. L. 109-58, title XII, §1201, Aug. 8, 2005, 119 Stat. 941, provided that: “This title [enacting subchapter XII of this chapter and sections 824j-1 and 824o to 824w of Title 16, Conservation, amending sections 796, 824, 824a-3, 824b, 824e, 824j, 824m, 825e, 825f, 825l to 825o, 825o-1, 2621, 2622, 2625, 2634, and 2642 of Title 16, repealing chapter 2C (§79 et seq.) of Title 15, Commerce and Trade, and sections 824n and 825q of Title 16, and enacting provisions set out as notes under section 16451 of this title and sections 824b, 824o, 824q, and 2642 of Title 16] may be cited as the ‘Electricity Modernization Act of 2005.’”

Pub. L. 109-58, title XII, §1261, Aug. 8, 2005, 119 Stat. 972, provided that: “This subtitle [subtitle F (§§1261-1277) of title XII of Pub.L. 109-58, enacting part D (§16451 et seq.) of subchapter XII of this chapter, amending sections 824 and 824m of Title 16, Conservation, repealing chapter 2C (§79 et seq.) of Title 15, Commerce and Trade, and section 825q of Title 16, and enacting provisions set out as a note under section 16451 of this title] may be cited as the ‘Public Utility Holding Company Act of 2005.’”

SUBCHAPTER I—ENERGY EFFICIENCY

PART A—FEDERAL PROGRAMS

§ 15811. Voluntary commitments to reduce industrial energy intensity

(a) Definition of energy intensity

In this section, the term “energy intensity” means the primary energy consumed for each unit of physical output in an industrial process.

(b) Voluntary agreements

The Secretary may enter into voluntary agreements with one or more persons in industrial sectors that consume significant quantities of primary energy for each unit of physical output to reduce the energy intensity of the production activities of the persons.

(c) Goal

Voluntary agreements under this section shall have as a goal the reduction of energy intensity by not less than 2.5 percent each year during the period of calendar years 2007 through 2016.

(d) Recognition

The Secretary, in cooperation with other appropriate Federal agencies, shall develop mechanisms to recognize and publicize the achievements of participants in voluntary agreements under this section.

(e) Technical assistance

A person that enters into an agreement under this section and continues to make a good faith effort to achieve the energy efficiency goals specified in the agreement shall be eligible to receive from the Secretary a grant or technical assistance, as appropriate, to assist in the achievement of those goals.

(f) Report

Not later than each of June 30, 2012, and June 30, 2017, the Secretary shall submit to Congress a report that—

- (1) evaluates the success of the voluntary agreements under this section; and
- (2) provides independent verification of a sample of the energy savings estimates provided by participating firms.

(Pub. L. 109-58, title I, §106, Aug. 8, 2005, 119 Stat. 611.)

§ 15812. Advanced Building Efficiency Testbed

(a) Establishment

The Secretary, in consultation with the Administrator of General Services, shall establish an Advanced Building Efficiency Testbed program for the development, testing, and demonstration of advanced engineering systems, components, and materials to enable innovations in building technologies. The program shall evaluate efficiency concepts for government and industry buildings, and demonstrate the ability of next generation buildings to support individual and organizational productivity and health (including by improving indoor air quality) as well as flexibility and technological change to improve environmental sustainability. Such program shall complement and not duplicate existing national programs.

(b) Participants

The program established under subsection (a) shall be led by a university with the ability to combine the expertise from numerous academic fields including, at a minimum, intelligent workplaces and advanced building systems and engineering, electrical and computer engineering, computer science, architecture, urban design, and environmental and mechanical engineering. Such university shall partner with other universities and entities who have established programs and the capability of advancing innovative building efficiency technologies.

(c) Authorization of appropriations

There are authorized to be appropriated to the Secretary to carry out this section \$6,000,000 for each of the fiscal years 2006 through 2008, to remain available until expended. For any fiscal year in which funds are expended under this section, the Secretary shall provide one-third of the total amount to the lead university described in subsection (b), and provide the remaining two-thirds to the other participants referred to in subsection (b) on an equal basis.

(Pub. L. 109-58, title I, §107, Aug. 8, 2005, 119 Stat. 612.)

§ 15813. Enhancing energy efficiency in management of Federal lands

(a) Sense of the Congress

It is the sense of the Congress that Federal agencies should enhance the use of energy efficient technologies in the management of natural resources.

(b) Energy efficient buildings

To the extent practicable, the Secretary of the Interior, the Secretary of Commerce, and the Secretary of Agriculture shall seek to incorporate energy efficient technologies in public and administrative buildings associated with management of the National Park System, National Wildlife Refuge System, National Forest System, National Marine Sanctuaries System, and other public lands and resources managed by the Secretaries.

(c) Energy efficient vehicles

To the extent practicable, the Secretary of the Interior, the Secretary of Commerce, and the

Secretary of Agriculture shall seek to use energy efficient motor vehicles, including vehicles equipped with biodiesel or hybrid engine technologies, in the management of the National Park System, National Wildlife Refuge System, National Forest System, National Marine Sanctuaries System, and other public lands and resources managed by the Secretaries.

(Pub. L. 109-58, title I, §111, Aug. 8, 2005, 119 Stat. 615.)

PART B—ENERGY ASSISTANCE AND STATE PROGRAMS

§ 15821. Energy efficient appliance rebate programs

(a) Definitions

In this section:

(1) Eligible State

The term “eligible State” means a State that meets the requirements of subsection (b).

(2) Energy Star program

The term “Energy Star program” means the program established by section 6294a of this title.

(3) Residential Energy Star product

The term “residential Energy Star product” means a product for a residence that is rated for energy efficiency under the Energy Star program.

(4) State energy office

The term “State energy office” means the State agency responsible for developing State energy conservation plans under section 6322 of this title.

(5) State program

The term “State program” means a State energy efficient appliance rebate program described in subsection (b)(1).

(b) Eligible States

A State shall be eligible to receive an allocation under subsection (c) if the State—

(1) establishes (or has established) a State energy efficient appliance rebate program to provide rebates to residential consumers for the purchase of residential Energy Star products, or products with improved energy efficiency in cold climates, to replace used appliances of the same type;

(2) submits an application for the allocation at such time, in such form, and containing such information as the Secretary may require; and

(3) provides assurances satisfactory to the Secretary that the State will use the allocation to supplement, but not supplant, funds made available to carry out the State program.

(c) Amount of allocations

(1) In general

Subject to paragraph (2), for each fiscal year, the Secretary shall allocate to the State energy office of each eligible State to carry out subsection (d) an amount equal to the product obtained by multiplying the amount

made available under subsection (f) for the fiscal year by the ratio that the population of the State in the most recent calendar year for which data are available bears to the total population of all eligible States in that calendar year.

(2) Minimum allocations

For each fiscal year, the amounts allocated under this subsection shall be adjusted proportionately so that no eligible State is allocated a sum that is less than an amount determined by the Secretary.

(d) Use of allocated funds

The allocation to a State energy office under subsection (c) may be used to pay up to 50 percent of the cost of establishing and carrying out a State program.

(e) Issuance of rebates

Rebates may be provided to residential consumers that meet the requirements of the State program. The amount of a rebate shall be determined by the State energy office, taking into consideration—

(1) the amount of the allocation to the State energy office under subsection (c);

(2) the amount of any Federal or State tax incentive available for the purchase of the residential Energy Star product or product with improved energy efficiency in a cold climate; and

(3) the difference between the cost of the residential Energy Star product or product with improved energy efficiency in a cold climate and the cost of an appliance that is not a residential Energy Star product or product with improved energy efficiency in a cold climate, but is of the same type as, and is the nearest capacity, performance, and other relevant characteristics (as determined by the State energy office) to, the residential Energy Star product or product with improved energy efficiency in a cold climate.

(f) Authorization of appropriations

There are authorized to be appropriated to the Secretary to carry out this section \$50,000,000 for each of the fiscal years 2006 through 2010.

(Pub. L. 109-58, title I, §124, Aug. 8, 2005, 119 Stat. 617; Pub. L. 110-140, title III, §315(b), Dec. 19, 2007, 121 Stat. 1572.)

AMENDMENTS

2007—Subsec. (b)(1). Pub. L. 110-140, §315(b)(1), inserted “, or products with improved energy efficiency in cold climates,” after “residential Energy Star products”.

Subsec. (e)(2), (3). Pub. L. 110-140, §315(b)(2), inserted “or product with improved energy efficiency in a cold climate” after “residential Energy Star product” wherever appearing.

EFFECTIVE DATE OF 2007 AMENDMENT

Amendment by Pub. L. 110-140 effective on the date that is 1 day after Dec. 19, 2007, see section 1601 of Pub. L. 110-140, set out as an Effective Date note under section 1824 of Title 2, The Congress.

§ 15822. Energy efficient public buildings

(a) Grants

The Secretary may make grants to the State agency responsible for developing State energy