

(iii) Initial selection

Not later than 90 days after the date by which applications for grants are due under clause (ii), the Secretary shall select by competitive, peer-reviewed proposal up to 5 applications for projects to be awarded a grant under the pilot program.

(B) Additional grants**(i) In general**

Not later than 2 years after December 19, 2007, the Secretary shall publish in the Federal Register, Commerce Business Daily, and such other publications as the Secretary considers to be appropriate, a notice and request for additional applications to carry out projects under the pilot program that incorporate the information and knowledge obtained through the implementation of the first round of projects authorized under the pilot program.

(ii) Deadline

An application described in clause (i) shall be submitted to the Secretary by not later than 180 days after the date of publication of the notice under that clause.

(iii) Initial selection

Not later than 90 days after the date by which applications for grants are due under clause (ii), the Secretary shall select by competitive, peer-reviewed proposal such additional applications for projects to be awarded a grant under the pilot program as the Secretary determines to be appropriate.

(7) Reports to Congress**(A) Initial report**

Not later than 60 days after the date on which grants are awarded under this subsection, the Secretary shall submit to Congress a report containing—

- (i) an identification of the grant recipients and a description of the projects to be funded under the pilot program;
- (ii) an identification of other applicants that submitted applications for the pilot program but to which funding was not provided; and
- (iii) a description of the mechanisms used by the Secretary to ensure that the information and knowledge gained by participants in the pilot program are transferred among the pilot program participants and to other interested parties, including other applicants that submitted applications.

(B) Evaluation

Not later than 2 years after December 19, 2007, and annually thereafter until the termination of the pilot program, the Secretary shall submit to Congress a report containing an evaluation of the effectiveness of the pilot program, including an assessment of the petroleum displacement and benefits to the environment derived from the projects included in the pilot program.

(e) Restriction

No grant shall be provided under subsection (b) or (c) to a large, vertically integrated oil company.

(f) Authorization of appropriations

There are authorized to be appropriated to the Secretary for carrying out this section \$200,000,000 for each of the fiscal years 2008 through 2014.

(Pub. L. 110-140, title II, §244, Dec. 19, 2007, 121 Stat. 1541.)

§ 17053. Federal fleet fueling centers**(a) In general**

Not later than January 1, 2010, the head of each Federal agency shall install at least 1 renewable fuel pump at each Federal fleet fueling center in the United States under the jurisdiction of the head of the Federal agency.

(b) Report

Not later than October 31 of the first calendar year beginning after December 19, 2007, and each October 31 thereafter, the President shall submit to Congress a report that describes the progress toward complying with subsection (a), including identifying—

- (1) the number of Federal fleet fueling centers that contain at least 1 renewable fuel pump; and
- (2) the number of Federal fleet fueling centers that do not contain any renewable fuel pumps.

(c) Department of Defense facility

This section shall not apply to a Department of Defense fueling center with a fuel turnover rate of less than 100,000 gallons of fuel per year.

(d) Authorization of appropriations

There are authorized to be appropriated such sums as are necessary to carry out this section.

(Pub. L. 110-140, title II, §246, Dec. 19, 2007, 121 Stat. 1547.)

§ 17054. Biofuels distribution and advanced biofuels infrastructure**(a) In general**

The Secretary, in coordination with the Secretary of Transportation and in consultation with the Administrator of the Environmental Protection Agency, shall carry out a program of research, development, and demonstration relating to existing transportation fuel distribution infrastructure and new alternative distribution infrastructure.

(b) Focus

The program described in subsection (a) shall focus on the physical and chemical properties of biofuels and efforts to prevent or mitigate against adverse impacts of those properties in the areas of—

- (1) corrosion of metal, plastic, rubber, cork, fiberglass, glues, or any other material used in pipes and storage tanks;
- (2) dissolving of storage tank sediments;
- (3) clogging of filters;
- (4) contamination from water or other adulterants or pollutants;

- (5) poor flow properties related to low temperatures;
- (6) oxidative and thermal instability in long-term storage and uses;
- (7) microbial contamination;
- (8) problems associated with electrical conductivity; and
- (9) such other areas as the Secretary considers appropriate.

(Pub. L. 110-140, title II, §248, Dec. 19, 2007, 121 Stat. 1548.)

SUBCHAPTER III—ENERGY SAVINGS IN BUILDINGS AND INDUSTRY

§ 17061. Definitions

In this title:¹

(1) Administrator

The term “Administrator” means the Administrator of General Services.

(2) Advisory Committee

The term “Advisory Committee” means the Green Building Advisory Committee established under section 484.¹

(3) Commercial Director

The term “Commercial Director” means the individual appointed to the position established under section 17081 of this title.

(4) Consortium

The term “Consortium” means the High-Performance Green Building Partnership Consortium created in response to section 17092(c)(1) of this title to represent the private sector in a public-private partnership to promote high-performance green buildings and zero-net-energy commercial buildings.

(5) Cost-effective lighting technology

(A) In general

The term “cost-effective lighting technology” means a lighting technology that—

- (i) will result in substantial operational cost savings by ensuring an installed consumption of not more than 1 watt per square foot; or

(ii) is contained in a list under—

- (I) section 8259b of this title;
- (II) Federal acquisition regulation 23-203; and

(III) is at least as energy-conserving as required by other provisions of this Act, including the requirements of this title¹ and title III¹ which shall be applicable to the extent that they would achieve greater energy savings than provided under clause (i) or this clause.²

(B) Inclusions

The term “cost-effective lighting technology” includes—

- (i) lamps;
- (ii) ballasts;
- (iii) luminaires;
- (iv) lighting controls;

- (v) daylighting; and
- (vi) early use of other highly cost-effective lighting technologies.

(6) Cost-effective technologies and practices

The term “cost-effective technologies and practices” means a technology or practice that—

(A) will result in substantial operational cost savings by reducing electricity or fossil fuel consumption, water, or other utility costs, including use of geothermal heat pumps;

(B) complies with the provisions of section 8259b of this title and Federal acquisition regulation 23-203; and

(C) is at least as energy and water conserving as required under this title,¹ including sections 431 through 435, and title V,¹ including sections 511 through 525, which shall be applicable to the extent that they are more stringent or require greater energy or water savings than required by this section.

(7) Federal Director

The term “Federal Director” means the individual appointed to the position established under section 17092(a) of this title.

(8) Federal facility

The term “Federal facility” means any building that is constructed, renovated, leased, or purchased in part or in whole for use by the Federal Government.

(9) Operational cost savings

(A) In general

The term “operational cost savings” means a reduction in end-use operational costs through the application of cost-effective technologies and practices or geothermal heat pumps, including a reduction in electricity consumption relative to consumption by the same customer or at the same facility in a given year, as defined in guidelines promulgated by the Administrator pursuant to section 7628(b) of this title, that achieves cost savings sufficient to pay the incremental additional costs of using cost-effective technologies and practices including geothermal heat pumps by not later than the later of the date established under sections 431 through 434,¹ or—

(i) for cost-effective technologies and practices, the date that is 5 years after the date of installation; and

(ii) for geothermal heat pumps, as soon as practical after the date of installation of the applicable geothermal heat pump.

(B) Inclusions

The term “operational cost savings” includes savings achieved at a facility as a result of—

- (i) the installation or use of cost-effective technologies and practices; or
- (ii) the planting of vegetation that shades the facility and reduces the heating, cooling, or lighting needs of the facility.

(C) Exclusion

The term “operational cost savings” does not include savings from measures that

¹ See References in Text note below.

² So in original. Does not fit with cl. (ii) introductory provision.