

(Pub. L. 109–58, title IX, §912, Aug. 8, 2005, 119 Stat. 858.)

§ 16193. National Building Performance Initiative

(a) Interagency group

(1) In general

Not later than 90 days after August 8, 2005, the Director of the Office of Science and Technology Policy shall establish an interagency group to develop, in coordination with the advisory committee established under subsection (e), a National Building Performance Initiative (referred to in this section as the “Initiative”).

(2) Cochairs

The interagency group shall be co-chaired by appropriate officials of the Department and the Department of Commerce, who shall jointly arrange for the provision of necessary administrative support to the group.

(b) Integration of efforts

The Initiative shall integrate Federal, State, and voluntary private sector efforts to reduce the costs of construction, operation, maintenance, and renovation of commercial, industrial, institutional, and residential buildings.

(c) Plan

(1) In general

Not later than 1 year after August 8, 2005, the interagency group shall submit to Congress a plan for carrying out the appropriate Federal role in the Initiative.

(2) Inclusions

The plan shall include—

(A) research, development, demonstration, and commercial application of energy technology systems and materials for new construction and retrofit relating to the building envelope and building system components;

(B) research, development, demonstration, and commercial application of energy technology and infrastructure enabling the energy efficient, automated operation of buildings and building equipment; and

(C) the collection, analysis, and dissemination of research results and other pertinent information on enhancing building performance to industry, government entities, and the public.

(d) Department of Energy role

Within the Federal portion of the Initiative, the Department shall be the lead agency for all aspects of building performance related to use and conservation of energy.

(e) Advisory committee

The Director of the Office of Science and Technology Policy shall establish an advisory committee to—

(1) analyze and provide recommendations on potential private sector roles and participation in the Initiative; and

(2) review and provide recommendations on the plan described in subsection (c).

(f) Administration

Nothing in this section provides any Federal agency with new authority to regulate building performance.

(Pub. L. 109–58, title IX, §913, Aug. 8, 2005, 119 Stat. 860.)

§ 16194. Building standards

(a) Definition of high performance building

In this section, the term “high performance building” means a building that integrates and optimizes all major high-performance building attributes, including energy efficiency, durability, life-cycle performance, and occupant productivity.

(b) Assessment

Not later than 120 days after August 8, 2005, the Secretary shall enter into an agreement with the National Institute of Building Sciences to—

(1) conduct an assessment (in cooperation with industry, standards development organizations, and other entities, as appropriate) of whether the current voluntary consensus standards and rating systems for high performance buildings are consistent with the current technological state of the art, including relevant results from the research, development and demonstration activities of the Department;

(2) determine if additional research is required, based on the findings of the assessment; and

(3) recommend steps for the Secretary to accelerate the development of voluntary consensus-based standards for high performance buildings that are based on the findings of the assessment.

(c) Grant and technical assistance program

Consistent with subsection (b) and section 12(d) of the National Technology Transfer and Advancement Act of 1995 (15 U.S.C. 272 note), the Secretary shall establish a grant and technical assistance program to support the development of voluntary consensus-based standards for high performance buildings.

(Pub. L. 109–58, title IX, §914, Aug. 8, 2005, 119 Stat. 861.)

Editorial Notes

REFERENCES IN TEXT

Section 12(d) of the National Technology Transfer and Advancement Act of 1995, referred to in subsec. (c), is section 12(d) of Pub. L. 104–113, which is set out as a note under section 272 of Title 15, Commerce and Trade.

§ 16195. Secondary electric vehicle battery use program

(a) Definitions

In this section:

(1) Battery

The term “battery” means an energy storage device that previously has been used to provide motive power in a vehicle powered in whole or in part by electricity.

(2) Associated equipment

The term “associated equipment” means equipment located where the batteries will be used that is necessary to enable the use of the energy stored in the batteries.

(b) Program**(1) In general**

The Secretary shall establish and conduct a program of research, development, demonstration, and commercial application of energy technology for the secondary use of batteries, if the Secretary finds that there are sufficient numbers of batteries to support the program.

(2) Administration

The program shall be—

(A) designed to demonstrate the use of batteries in secondary applications, including utility and commercial power storage and power quality;

(B) structured to evaluate the performance, including useful service life and costs, of such batteries in field operations, and the necessary supporting infrastructure, including reuse and disposal of batteries; and

(C) coordinated with ongoing secondary battery use programs at the National Laboratories and in industry.

(c) Solicitation**(1) In general**

Not later than 180 days after August 8, 2005, the Secretary shall solicit proposals to demonstrate the secondary use of batteries and associated equipment and supporting infrastructure in geographic locations throughout the United States.

(2) Additional solicitations

The Secretary may make additional solicitations for proposals if the Secretary determines that the solicitations are necessary to carry out this section.

(d) Selection of proposals**(1) In general**

Not later than 90 days after the closing date established by the Secretary for receipt of proposals under subsection (c), the Secretary shall select up to five proposals that may receive financial assistance under this section once the Department receives appropriated funds to carry out this section.

(2) Factors

In selecting proposals, the Secretary shall consider—

(A) the diversity of battery type;

(B) geographic and climatic diversity; and

(C) life-cycle environmental effects of the approaches.

(3) Limitation

No one project selected under this section shall receive more than 25 percent of the funds made available to carry out the program under this section.

(4) Non-Federal involvement

In selecting proposals, the Secretary shall consider the extent of involvement of State or local government and other persons in each demonstration project to optimize use of Federal resources.

(5) Other criteria

In selecting proposals, the Secretary may consider such other criteria as the Secretary considers appropriate.

(e) Conditions

In carrying out this section, the Secretary shall require that—

(1) relevant information be provided to—

(A) the Department;

(B) the users of the batteries;

(C) the proposers of a project under this section; and

(D) the battery manufacturers; and

(2) the costs of carrying out projects and activities under this section are shared in accordance with section 16352 of this title.

(Pub. L. 109-58, title IX, §915, Aug. 8, 2005, 119 Stat. 861.)

§ 16196. Energy Efficiency Science Initiative**(a) Establishment**

The Secretary shall establish an Energy Efficiency Science Initiative to be managed by the Assistant Secretary in the Department with responsibility for energy conservation under section 7133(a)(9) of this title, in consultation with the Director of the Office of Science, for grants to be competitively awarded and subject to peer review for research relating to energy efficiency.

(b) Report

The Secretary shall submit to Congress, along with the annual budget request of the President submitted to Congress, a report on the activities of the Energy Efficiency Science Initiative, including a description of the process used to award the funds and an explanation of how the research relates to energy efficiency.

(Pub. L. 109-58, title IX, §916, Aug. 8, 2005, 119 Stat. 862.)

§ 16197. Advanced Energy Technology Transfer Centers**(a) Grants**

Not later than 18 months after May 8, 2008, the Secretary shall make grants to nonprofit institutions, State and local governments, cooperative extension services, or institutions of higher education (or consortia thereof), to establish a geographically dispersed network of Advanced Energy Technology Transfer Centers, to be located in areas the Secretary determines have the greatest need of the services of such Centers. In making awards under this section, the Secretary shall—

(1) give priority to applicants already operating or partnered with an outreach program capable of transferring knowledge and information about advanced energy efficiency methods and technologies;

(2) ensure that, to the extent practicable, the program enables the transfer of knowledge and information—

(A) about a variety of technologies; and

(B) in a variety of geographic areas;

(3) give preference to applicants that would significantly expand on or fill a gap in existing programs in a geographical region; and

(4) consider the special needs and opportunities for increased energy efficiency for manufactured and site-built housing, including construction, renovation, and retrofit.