

**(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.)

## 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, as amended, 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.

**(b) Activities**

Each Center shall operate a program to encourage demonstration and commercial application of advanced energy methods and technologies through education and outreach to building and industrial professionals, and to other individuals and organizations with an interest in efficient energy use. Funds awarded under this section may be used for the following activities:

(1) Developing and distributing informational materials on technologies that could use energy more efficiently.

(2) Carrying out demonstrations of advanced energy methods and technologies.

(3) Developing and conducting seminars, workshops, long-distance learning sessions, and other activities to aid in the dissemination of knowledge and information on technologies that could use energy more efficiently.

(4) Providing or coordinating onsite energy evaluations, including instruction on the commissioning of building heating and cooling systems, for a wide range of energy end-users.

(5) Examining the energy efficiency needs of energy end-users to develop recommended research projects for the Department.

(6) Hiring experts in energy efficient technologies to carry out activities described in paragraphs (1) through (5).

**(c) Application**

A person seeking a grant under this section shall submit to the Secretary an application in

such form and containing such information as the Secretary may require. The Secretary may award a grant under this section to an entity already in existence if the entity is otherwise eligible under this section. The application shall include, at a minimum—

(1) a description of the applicant's outreach program, and the geographic region it would serve, and of why the program would be capable of transferring knowledge and information about advanced energy technologies that increase efficiency of energy use;

(2) a description of the activities the applicant would carry out, of the technologies that would be transferred, and of any other organizations that will help facilitate a regional approach to carrying out those activities;

(3) a description of how the proposed activities would be appropriate to the specific energy needs of the geographic region to be served;

(4) an estimate of the number and types of energy end-users expected to be reached through such activities; and

(5) a description of how the applicant will assess the success of the program.

**(d) Selection criteria**

The Secretary shall award grants under this section on the basis of the following criteria, at a minimum:

(1) The ability of the applicant to carry out the proposed activities.

(2) The extent to which the applicant will coordinate the activities of the Center with other entities as appropriate, such as State and local governments, utilities, institutions of higher education, and National Laboratories.

(3) The appropriateness of the applicant's outreach program for carrying out the program described in this section.

(4) The likelihood that proposed activities could be expanded or used as a model for other areas.

**(e) Cost-sharing**

In carrying out this section, the Secretary shall require cost-sharing in accordance with the requirements of section 16352 of this title for commercial application activities.

**(f) Duration**

**(1) Initial grant period**

A grant awarded under this section shall be for a period of 5 years.

**(2) Initial evaluation**

Each grantee under this section shall be evaluated during its third year of operation under procedures established by the Secretary to determine if the grantee is accomplishing the purposes of this section described in subsection (a). The Secretary shall terminate any grant that does not receive a positive evaluation. If an evaluation is positive, the Secretary may extend the grant for 3 additional years beyond the original term of the grant.

**(3) Additional extension**

If a grantee receives an extension under paragraph (2), the grantee shall be evaluated