

(1) expanding strategic, formal partnerships among universities with strength in research, universities that train substantial numbers of elementary and secondary school teachers, and the private sector;

(2) combining Department expertise with one or more National Aeronautics and Space Administration Educator Resource Centers;

(3) developing programs to permit current and future teachers to participate in ongoing research projects at National Laboratories and research universities and to adapt lessons learned to the classroom;

(4) designing and implementing course work;

(5) designing and implementing a strategy for measuring and assessing progress under the program; and

(6) developing models for transferring knowledge gained under the pilot program to other institutions and areas of the United States.

(c) Categorization

A grant under this section shall be considered an authorized activity under section 7381b of this title.

(Pub. L. 109–58, title IX, §983, Aug. 8, 2005, 119 Stat. 907; Pub. L. 113–188, title VI, §601(a), Nov. 26, 2014, 128 Stat. 2019.)

Editorial Notes

AMENDMENTS

2014—Subsec. (d). Pub. L. 113–188 struck out subsec. (d). Text read as follows: “No later than 2 years after the award of the grant, the Secretary shall transmit to Congress a report outlining lessons learned and, if determined appropriate by the Secretary, containing a plan for expanding the program throughout the United States.”

§ 16324. Energy research fellowships

(a) Postdoctoral fellowship program

The Secretary shall establish a program under which the Secretary provides fellowships to encourage outstanding young scientists and engineers to pursue postdoctoral research appointments in energy research and development at institutions of higher education of their choice.

(b) Senior research fellowships

(1) In general

The Secretary shall establish a program under which the Secretary provides fellowships to allow outstanding senior researchers and their research groups in energy research and development to explore research and development topics of their choosing for a period of not less than 3 years, to be determined by the Secretary.

(2) Consideration

In providing a fellowship under the program described in paragraph (1), the Secretary shall consider—

(A) the past scientific or technical accomplishment of a senior researcher; and

(B) the potential for continued accomplishment by the researcher during the period of the fellowship.

(Pub. L. 109–58, title IX, §984, Aug. 8, 2005, 119 Stat. 908.)

§ 16325. Science and Technology Scholarship Program

(a) In general

The Secretary is authorized to establish a Science and Technology Scholarship Program to award scholarships to individuals that is designed to recruit and prepare students for careers in the Department and National Laboratories.

(b) Service requirement

The Secretary may require that an individual receiving a scholarship under this section serve as a full-time employee of the Department or a National Laboratory for a fixed period in return for receiving the scholarship.

(Pub. L. 109–58, title IX, §984A, Aug. 8, 2005, 119 Stat. 908.)

PART H—INTERNATIONAL COOPERATION

§ 16341. Western Hemisphere energy cooperation

(a) Program

The Secretary shall carry out a program to promote cooperation on energy issues with countries of the Western Hemisphere.

(b) Activities

Under the program, the Secretary shall fund activities to work with countries of the Western Hemisphere to—

(1) increase the production of energy supplies;

(2) improve energy efficiency; and

(3) assist in the development and transfer of energy supply and efficiency technologies that would have a beneficial impact on world energy markets.

(c) Participation by institutions of higher education

To the extent practicable, the Secretary shall carry out the program under this section with the participation of institutions of higher education so as to take advantage of the acceptance of institutions of higher education by countries of the Western Hemisphere as sources of unbiased technical and policy expertise when assisting the Secretary in—

(1) evaluating new technologies;

(2) resolving technical issues;

(3) working with those countries in the development of new policies; and

(4) training policymakers, particularly in the case of institutions of higher education that involve the participation of minority students, such as—

(A) Hispanic-serving institutions; and

(B) part B institutions.

(d) Authorization of appropriations

There are authorized to be appropriated to carry out this section—

(1) \$10,000,000 for fiscal year 2007;

(2) \$13,000,000 for fiscal year 2008; and

(3) \$16,000,000 for fiscal year 2009.

(Pub. L. 109–58, title IX, §985, Aug. 8, 2005, 119 Stat. 908.)

§ 16342. International energy training

(a) In general

The Secretary, in consultation with the Secretary of Commerce, the Secretary of the Inte-

rior, and Secretary of State, and the Federal Energy Regulatory Commission, shall coordinate training and outreach efforts for international commercial energy markets in countries with developing and restructuring economies.

(b) Components

The training and outreach efforts referred to in subsection (a) may include—

- (1) production-related fiscal regimes;
- (2) grid and network issues;
- (3) energy user and demand side response;
- (4) international trade of energy; and
- (5) international transportation of energy.

(c) Authorization of appropriations

There is authorized to be appropriated to carry out this section \$1,500,000 for each of fiscal years 2007 through 2010.

(Pub. L. 109–58, title IX, §986A, Aug. 8, 2005, 119 Stat. 910.)

PART I—RESEARCH ADMINISTRATION AND OPERATIONS

§ 16351. Availability of funds

Funds authorized to be appropriated to the Department under this Act or an amendment made by this Act shall remain available until expended.

(Pub. L. 109–58, title IX, §987, Aug. 8, 2005, 119 Stat. 910.)

Editorial Notes

REFERENCES IN TEXT

This Act, referred to in text, is Pub. L. 109–58, Aug. 8, 2005, 119 Stat. 594, known as the Energy Policy Act of 2005, which enacted this chapter and enacted, amended, and repealed numerous other sections and notes in the Code. For complete classification of this Act to the Code, see Short Title note set out under section 15801 of this title and Tables.

§ 16352. Cost sharing

(a) Applicability

Notwithstanding any other provision of law, in carrying out a research, development, demonstration, or commercial application program or activity that is initiated after August 8, 2005, the Secretary shall require cost-sharing in accordance with this section.

(b) Research and development

(1) In general

Except as provided in paragraphs (2), (3), and (4) and subsection (f), the Secretary shall require not less than 20 percent of the cost of a research or development activity described in subsection (a) to be provided by a non-Federal source.

(2) Exclusion

Paragraph (1) shall not apply to a research or development activity described in subsection (a) that is of a basic or fundamental nature, as determined by the appropriate officer of the Department.

(3) Reduction

The Secretary may reduce or eliminate the requirement of paragraph (1) for a research

and development activity of an applied nature if the Secretary determines that the reduction is necessary and appropriate.

(4) Exemption for institutions of higher education and other nonprofit institutions

(A) In general

Paragraph (1) shall not apply to a research or development activity performed by an institution of higher education or nonprofit institution (as defined in section 4 of the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3703)).

(B) Termination date

The exemption under subparagraph (A) shall apply during the 2-year period beginning on August 9, 2022.

(c) Demonstration and commercial application

(1) In general

Except as provided in paragraph (2) and subsection (f), the Secretary shall require that not less than 50 percent of the cost of a demonstration or commercial application activity described in subsection (a) to¹ be provided by a non-Federal source.

(2) Reduction of non-Federal share

The Secretary may reduce the non-Federal share required under paragraph (1) if the Secretary determines the reduction to be necessary and appropriate, taking into consideration any technological risk relating to the activity.

(d) Calculation of amount

In calculating the amount of a non-Federal contribution under this section, the Secretary—

(1) may include allowable costs in accordance with the applicable cost principles, including—

- (A) cash;
- (B) personnel costs;
- (C) the value of a service, other resource, or third party in-kind contribution determined in accordance with the applicable circular of the Office of Management and Budget;
- (D) indirect costs or facilities and administrative costs; or
- (E) any funds received under the power program of the Tennessee Valley Authority (except to the extent that such funds are made available under an annual appropriation Act); and

(2) shall not include—

- (A) revenues or royalties from the prospective operation of an activity beyond the time considered in the award;
- (B) proceeds from the prospective sale of an asset of an activity; or
- (C) other appropriated Federal funds.

(e) Repayment of Federal share

The Secretary shall not require repayment of the Federal share of a cost-shared activity under this section as a condition of making an award.

(f) Exclusions

This section shall not apply to—

¹ So in original. The word “to” probably should not appear.