

§ 13312. Renewable energy export technology training

(a) Establishment of program

The Secretary, through the Agency for International Development, shall establish a program for the training of individuals from developing countries in the operation and maintenance of renewable energy and energy efficiency technologies in accordance with this section. The Secretary and the Administrator of the Agency for International Development shall, within one year after October 24, 1992, enter into a written agreement to carry out this program.

(b) Purpose

The purpose of the program established under this section shall be to train appropriate persons in the system design, operation, and maintenance of renewable energy and energy efficiency equipment manufactured in the United States, including equipment for water pumping, heating and purification, and the production of electric power in remote areas.

(c) Authorization of appropriations

There are authorized to be appropriated to the Secretary \$6,000,000 for each of the fiscal years 1994, 1995, and 1996, to carry out this section.

(Pub. L. 102-486, title XII, §1203, Oct. 24, 1992, 106 Stat. 2961.)

§ 13313. Renewable Energy Advancement Awards

(a) Authority

The Secretary shall make Renewable Energy Advancement Awards in recognition of developments that advance the practical application of biomass, geothermal, hydroelectric, photovoltaic, solar thermal, ocean thermal, and wind technologies to consumer, utility, or industrial uses, in accordance with this section. Except as provided in subsection (f) of this section, Renewable Energy Advancement Awards shall include a cash award.

(b) Selection criteria

The Secretary, in consultation with the Advisory Committee on Demonstration and Commercial Application of Renewable Energy and Energy Efficiency Technologies (in this section referred to as the "Advisory Committee"), under section 12005 of this title, shall develop criteria to be applied in the selection of award recipients under this section. Such criteria shall include the following:

- (1) The degree to which the technological development increases the utilization of renewable energy.
- (2) The degree to which the development will have a significant impact, by benefitting a large number of people, by reducing the costs of an important industrial process or commercial product or service, or otherwise.
- (3) The ingenuity of the development.
- (4) Whether the application has significant export potential.
- (5) The environmental soundness of the development.

(c) Selection

Beginning in fiscal year 1994, and annually thereafter for a period of 10 years, the Sec-

retary, in consultation with the Advisory Committee, shall select developments described in subsection (a) of this section that are worthy of receiving an award under this section, and shall make such awards.

(d) Eligibility

Awards may be made under this section only to individuals who are United States nationals or permanent resident aliens, or to non-Federal organizations that are organized under the laws of the United States or the laws of a State of the United States.

(e) Authorization of appropriations

There are authorized to be appropriated to the Secretary \$50,000 for each of the fiscal years 1994, 1995, and 1996 for carrying out this section.

(f) Awards made in absence of appropriations

The Secretary shall make honorary awards under this section if sufficient funds are not available for financial awards in any fiscal year. (Pub. L. 102-486, title XII, §1204, Oct. 24, 1992, 106 Stat. 2961.)

§ 13314. Study of tax and rate treatment of renewable energy projects

(a) The Secretary, in conjunction with State regulatory commissions, shall undertake a study to determine if conventional taxation and ratemaking procedures result in economic barriers to or incentives for renewable energy power plants compared to conventional power plants.

(b) Within 1 year after October 24, 1992, the Secretary shall submit a report to the Congress on the results of the study undertaken under subsection (a) of this section.

(Pub. L. 102-486, title XII, §1205, Oct. 24, 1992, 106 Stat. 2962.)

§ 13315. Data system and energy technology evaluation

The Secretary of Commerce, in his or her role as a member of the interagency working group established under section 6276 of this title, shall—

- (1) develop a comprehensive data base and information dissemination system, using the National Trade Data Bank and the Commercial Information Management System of the Department of Commerce, that will provide information on the specific energy technology needs of foreign countries, and the technical and economic competitiveness of various renewable energy and energy efficiency products and technologies;
- (2) make such information available to industry, Federal and multilateral lending agencies, nongovernmental organizations, host-country and donor-agency officials, and such others as the Secretary of Commerce considers necessary; and
- (3) prepare and transmit to the Congress not later than June 1, 1993, and biennially thereafter, a comprehensive report evaluating the full range of energy and environmental technologies necessary to meet the energy needs of foreign countries, including—

(A) information on the specific energy needs of foreign countries;

(B) an inventory of United States technologies and services to meet those needs;

(C) an update on the status of ongoing bilateral and multilateral programs which promote United States exports of renewable energy and energy efficiency products and technologies; and

(D) an evaluation of current programs (and recommendations for future programs) that develop and promote energy efficiency and sustainable use of indigenous renewable energy resources in foreign countries to reduce the generation of greenhouse gases.

(Pub. L. 102-486, title XII, §1209, Oct. 24, 1992, 106 Stat. 2964.)

§ 13316. Innovative renewable energy technology transfer program

(a) Establishment of program

The Secretary, through the Agency for International Development, and in consultation with the other members of the interagency working group established under section 6276(d) of this title (in this section referred to as the “inter-agency working group”), shall establish a renewable energy technology transfer program to carry out the purposes described in subsection (b) of this section. Within 150 days after October 24, 1992, the Secretary and the Administrator of the Agency for International Development shall enter into a written agreement to carry out this section. The agreement shall establish a procedure for resolving any disputes between the Secretary and the Administrator regarding the implementation of specific projects. With respect to countries not assisted by the Agency for International Development, the Secretary may enter into agreements with other appropriate Federal agencies. If the Secretary and the Administrator, or the Secretary and an agency described in the previous sentence, are unable to reach an agreement, each shall send a memorandum to the President outlining an appropriate agreement. Within 90 days after receipt of either memorandum, the President shall determine which version of the agreement shall be in effect. Any agreement entered into under this subsection shall be provided to the appropriate committees of the Congress and made available to the public.

(b) Purposes of program

The purposes of the technology transfer program under this section are to—

(1) reduce the United States balance of trade deficit through the export of United States renewable energy technologies and technological expertise;

(2) retain and create manufacturing and related service jobs in the United States;

(3) encourage the export of United States renewable energy technologies, including services related thereto, to those countries that have a need for developmentally sound facilities to provide energy derived from renewable resources;

(4) develop markets for United States renewable energy technologies to be utilized in

meeting the energy and environmental requirements of foreign countries;

(5) better ensure that United States participation in energy-related projects in foreign countries includes participation by United States firms as well as utilization of United States technologies that have been developed or demonstrated in the United States through publicly or privately funded demonstration programs;

(6) ensure the introduction of United States firms and expertise in foreign countries;

(7) provide financial assistance by the Federal Government to foster greater participation by United States firms in the financing, ownership, design, construction, or operation of renewable energy technology projects in foreign countries;

(8) assist foreign countries in meeting their energy needs through the use of renewable energy in an environmentally acceptable manner, consistent with sustainable development policies; and

(9) assist United States firms, especially firms that are in competition with firms in foreign countries, to obtain opportunities to transfer technologies to, or undertake projects in, foreign countries.

(c) Identification

Pursuant to the agreements required by subsection (a) of this section, the Secretary, through the Agency for International Development, and after consultation with the inter-agency working group, United States firms, and representatives from foreign countries, shall develop mechanisms to identify potential energy projects in host countries, and shall identify a list of such projects within 240 days after October 24, 1992, and periodically thereafter.

(d) Financial mechanisms

(1) Pursuant to the agreements under subsection (a) of this section, the Secretary, through the Agency for International Development, shall—

(A) establish appropriate financial mechanisms to increase the participation of United States firms in energy projects utilizing United States renewable energy technologies, and services related thereto, in developing countries;

(B) utilize available financial assistance authorized by this section to counterbalance assistance provided by foreign governments to non-United States firms; and

(C) provide financial assistance to support projects.

(2) The financial assistance authorized by this section may be—

(A) provided in combination with other forms of financial assistance, including non-United States funding that is available to the project; and

(B) utilized to assist United States firms in the development of innovative financing packages for renewable energy technology projects that utilize other financial assistance programs available through the Federal Government.

(3) United States obligations under the Arrangement on Guidelines for Officially Sup-