

tions 2705 and 2708 of Title 16, Conservation, and enacting a provision set out as a note under section 2701 of Title 16] may be cited as the 'Renewable Energy Resources Act of 1980'.'

§ 7372. "Secretary" and "renewable energy resource" defined

For purposes of this subchapter—

(1) the term "Secretary" means the Secretary of Energy; and

(2) the term "renewable energy resource" means any energy resource which has recently originated in the sun, including direct and indirect solar radiation and intermediate solar energy forms such as wind, ocean thermal gradients, ocean currents and waves, hydropower, photovoltaic energy, products of photosynthetic processes, organic wastes, and others.

(Pub. L. 96-294, title IV, § 403, June 30, 1980, 94 Stat. 716.)

REFERENCES IN TEXT

This subchapter, referred to in text, was in the original "this title", meaning title IV of Pub. L. 96-294, June 30, 1980, 94 Stat. 715, known as the Renewable Energy Resources Act of 1980, which enacted this subchapter, amended sections 8255, 8271, and 8274 to 8276 of this title and sections 2705 and 2708 of Title 16, Conservation, and enacted a provision set out as a note under section 2701 of Title 16. For complete classification of title IV to the Code, see Short Title note set out under section 7371 of this title and Tables.

§ 7373. Coordinated dissemination of information on renewable energy resources and conservation

In order to improve the effectiveness of Federal information dissemination activities in the fields of renewable energy resources and energy conservation with the objective of developing and promoting better public understanding of these resources and their potential uses, the Secretary shall—

(1) take affirmative steps to coordinate all of the activities of the Department of Energy, whether conducted by the Department itself or by other public or private entities with assistance from the Department, which are aimed at or involve the dissemination of information with respect to renewable energy resources or energy conservation, and

(2) report annually to the Congress on the status of such activities, including a description of how the information dissemination activities and services of the Department of Energy in the fields of renewable energy resources and energy conservation are being coordinated with similar or related activities and services of other Federal agencies.

(Pub. L. 96-294, title IV, § 404, June 30, 1980, 94 Stat. 716.)

TERMINATION OF REPORTING REQUIREMENTS

For termination, effective May 15, 2000, of reporting provisions in par. (2) of this section, see section 3003 of Pub. L. 104-66, as amended, set out as a note under section 1113 of Title 31, Money and Finance, and the 18th item on page 87 of House Document No. 103-7.

§ 7374. Energy self-sufficiency initiatives

(a) Establishment of 3-year pilot program

There is hereby established under the direction of the Secretary a 3-year pilot energy self-

sufficiency program to demonstrate energy self-sufficiency through the use of renewable energy resources in one or more States in the United States.

(b) Establishment of subprograms to pilot programs; scope of subprograms

As a part of the pilot program, the Secretary shall establish such subprograms as the Secretary determines are necessary to achieve the purpose of this section, including subprograms—

(1) to promote the development and utilization of synergistic combinations of different renewable energy resources in specific projects aimed at reducing fossil fuel importation;

(2) to initiate and encourage energy self-sufficiency at appropriate levels of government;

(3) to stimulate private industry participation in the realization of the objective stated in subsection (a) of this section; and

(4) to stimulate the utilization of abandoned or underutilized industrial facilities for the generation of energy from any locally available renewable resource, such as municipal solid waste, agricultural waste, or forest products waste.

(c) Implementation of subprograms; preparation of plan of program and additional Federal actions

In carrying out the provisions of this section, the Secretary is authorized to assign to an existing office in the Department of Energy the responsibility of undertaking and carrying out the subprograms established under subsection (b) of this section. In addition, the Secretary shall prepare a detailed plan within one hundred eighty days of June 30, 1980, setting forth (1) the 3-year pilot program itself, and (2) any additional Federal actions needed to encourage and promote the adoption of programs for energy self-sufficiency.

(d) Submission of plan and implementation report to Congress

The Secretary shall submit to the Congress, within one year after June 30, 1980, the plan prepared under the second sentence of subsection (c) of this section along with a report suggesting the legislative initiatives needed to fully implement such plan.

(Pub. L. 96-294, title IV, § 406, June 30, 1980, 94 Stat. 716.)

§ 7375. Authorization of appropriations

(a) There is authorized to be appropriated for each of the fiscal years 1981 and 1982 not to exceed \$10,000,000 for loans under section 402 of the Public Utility Regulatory Policies Act of 1978 [16 U.S.C. 2702], in addition to any amounts authorized for such loans by that Act; and the amounts appropriated pursuant to this subsection shall remain available until expended.

(b) There is authorized to be appropriated for each of the fiscal years 1981 and 1982 not to exceed \$100,000,000 for loans under section 403 of the Public Utility Regulatory Policies Act of 1978 [16 U.S.C. 2703]; and the amounts appropriated pursuant to this subsection shall remain available until expended.

(c) There is authorized to be appropriated for the fiscal year 1981 not to exceed \$10,000,000 to

carry out section 7374 of this title (relating to energy self-sufficiency initiatives).

(Pub. L. 96-294, title IV, § 409, June 30, 1980, 94 Stat. 719.)

REFERENCES IN TEXT

That Act, referred to in subsec. (a), is Pub. L. 95-617, Nov. 9, 1978, 92 Stat. 3117, as amended, known as the Public Utility Regulatory Policies Act of 1978. For complete classification of this Act to the Code, see Short Title note set out under section 2601 of Title 16, Conservation, and Tables.

SUBCHAPTER XIII—DEPARTMENT OF ENERGY SCIENCE EDUCATION PROGRAMS

CODIFICATION

This subchapter was enacted as part of part E (§§3161-3168) of title XXXI of div. C of the National Defense Authorization Act for Fiscal Year 1991, known as the Department of Energy Science Education Enhancement Act, and not as part of the Department of Energy Organization Act which comprises this chapter.

§ 7381. Findings and purposes

(a) Findings

The Congress finds the following:

(1) Scientific, technical, and engineering competence is essential to the Nation's future well-being.

(2) The scientific, technical, and engineering capability at the Federal laboratories is unmatched throughout the world.

(3) Superb research, development, testing, and evaluation occur in Department of Energy research and development facilities.

(4) Department of Energy research and development facilities will play an increasing role in assuring that the United States remains competitive in world markets.

(5) Improvements in mathematics, science, and engineering education are needed desperately to provide the trained and educated citizenry essential to the future competitiveness of the United States.

(6) The future health and vitality of the economy of the United States is predicated on the availability of an adequate supply of scientists, mathematicians, and engineers to provide for growing needs and to replenish the workforce.

(7) United States college and university enrollment in science, mathematics, and engineering programs is sharply declining at undergraduate, graduate, and post-graduate levels.

(8) The Federal Government is the largest United States employer of research scientists, mathematicians, and engineers, and the Department of Energy has a growing need for scientists, mathematicians, and engineers at a time when these enrollments are declining.

(9) Women and minorities are grossly under-represented in science and mathematics fields, and this group represents more than 80 percent of the projected increase in the national workforce through the year 2000.

(b) Purposes

The purposes of this subchapter are—

(1) to encourage the development and implementation of science, mathematics, and engi-

neering education programs at the Department of Energy and at its research and development facilities as part of a national effort to improve science, mathematics, and engineering education; and

(2) to provide more efficient coordination among science, mathematics, and engineering education programs.

(Pub. L. 101-510, div. C, title XXXI, §3162, Nov. 5, 1990, 104 Stat. 1840.)

REFERENCES IN TEXT

This subchapter, referred to in subsec. (b), was in the original "this part", meaning part E of title XXXI of div. C of Pub. L. 101-510, which is classified principally to this subchapter. For complete classification of part E to the Code, see Short Title note set out below and Tables.

SHORT TITLE

Pub. L. 101-510, div. C, title XXXI, §3161, Nov. 5, 1990, 104 Stat. 1840, provided that: "This part [part E (§§3161-3168) of title XXXI of div. C of Pub. L. 101-510, enacting this subchapter and amending section 7112 of this title] may be cited as the 'Department of Energy Science Education Enhancement Act'."

UNIVERSITY-BASED RESEARCH COLLABORATION PROGRAM

Pub. L. 105-85, div. C, title XXXI, §3155, Nov. 18, 1997, 111 Stat. 2044, which was formerly set out as a note under this section, was renumbered section 4814 of Pub. L. 107-314, the Bob Stump National Defense Authorization Act for Fiscal Year 2003, by Pub. L. 108-136, div. C, title XXXI, §3141(k)(9)(A)-(C), Nov. 24, 2003, 117 Stat. 1785, and is classified to section 2795 of Title 50, War and National Defense.

PART A—SCIENCE EDUCATION ENHANCEMENT

CODIFICATION

Pub. L. 110-69, title V, §5003(d)(1), Aug. 9, 2007, 121 Stat. 602, added heading.

§ 7381a. Science education programs

(a) Programs

The Secretary is authorized to establish programs to enhance the quality of mathematics, science, and engineering education. Any such programs shall be operated at or through the support of Department research and development facilities, shall use the scientific resources of the Department, and shall be consistent with the overall Federal plan for education and human resources in science and technology developed by the Federal Coordinating Council for Science, Engineering, and Technology.

(b) Organization of science, engineering, and mathematics education programs

(1) Director of Science, Engineering, and Mathematics Education

Notwithstanding any other provision of law, the Secretary, acting through the Under Secretary for Science (referred to in this subsection as the "Under Secretary"), shall appoint a Director of Science, Engineering, and Mathematics Education (referred to in this subsection as the "Director") with the principal responsibility for administering science, engineering, and mathematics education programs across all functions of the Department.

(2) Qualifications

The Director shall be an individual, who by reason of professional background and experi-