

(B) not to exceed \$20,500,000 shall be available for the Geothermal Energy Systems Program; and

(C) not to exceed \$5,000,000 shall be available for the Hydrogen Energy Systems Program.

Each of the President's annual budget requests submitted to Congress after December 11, 1989, shall include as separate line items each of the categories of renewable energy programs described in this subsection.

(Pub. L. 101-218, § 4, Dec. 11, 1989, 103 Stat. 1860; Pub. L. 102-486, title XII, § 1202(b), title XXI, § 2125(1)-(3), Oct. 24, 1992, 106 Stat. 2958, 3085.)

AMENDMENTS

1992—Subsec. (a)(4), (5). Pub. L. 102-486, § 1202(b)(1), added par. (4), redesignated former par. (4) as (5), and inserted "Biodiesel Energy Systems," after "Biofuels Energy Systems,".

Subsec. (c)(3). Pub. L. 102-486, § 2125(1)-(3), struck out par. (3) which read as follows: "not to exceed \$124,000,000 for fiscal year 1993, of which—

"(A) not to exceed \$40,000,000 shall be available for the Photovoltaic Energy Systems Program;

"(B) not to exceed \$23,000,000 shall be available for the Geothermal Energy Systems Program; and

"(C) not to exceed \$6,000,000 shall be available for the Hydrogen Energy Systems Program."

§ 12004. Energy efficiency authorizations

There are authorized to be appropriated to the Secretary for the following energy efficiency research, development, and demonstration programs: transportation, industrial, buildings and community systems, multi-sector, and policy and management—

(1) not to exceed \$201,100,000 for fiscal year 1991, of which—

(A) not to exceed \$68,300,000 shall be available for the transportation program; and

(B) not to exceed \$53,500,000 shall be available for the industrial program; and

(2) not to exceed \$210,600,000 for fiscal year 1992, of which—

(A) not to exceed \$71,000,000 shall be available for the transportation program; and

(B) not to exceed \$54,700,000 shall be available for the industrial program.

(Pub. L. 101-218, § 5, Dec. 11, 1989, 103 Stat. 1862; Pub. L. 102-486, title XXI, § 2125(4)-(6), Oct. 24, 1992, 106 Stat. 3085.)

AMENDMENTS

1992—Par. (3). Pub. L. 102-486 struck out par. (3) which read as follows: "not to exceed \$225,000,000 for fiscal year 1993, of which—

"(A) not to exceed \$73,900,000 shall be available for the transportation program; and

"(B) not to exceed \$56,900,000 shall be available for the industrial program."

§ 12005. Demonstration and commercial application projects

(a) Purpose

The purpose of this section is to direct the Secretary to further the commercialization of renewable energy and energy efficiency technologies through a five-year program.

(b) Demonstration and commercial application projects

(1) Establishment

(A) The Secretary shall solicit proposals for demonstration and commercial application projects for renewable energy and energy efficiency technologies pursuant to subsection (c) of this section. Such projects may include projects for—

(i) the production and sale of electricity, thermal energy, or other forms of energy using a renewable energy technology;

(ii) increasing the efficiency of energy use; and

(iii) improvements in, or expansion of, facilities for the manufacture of renewable energy or energy efficiency technologies.

(B) REQUIREMENTS.—Each project selected under this section shall include at least one for-profit business. Activities supported under this section shall be performed in the United States. Each project under this section shall require the manufacture and reproduction substantially within the United States for commercial sale of any invention or product that may result from the project.

(2) Forms of financial assistance

(A) In supporting projects selected under subsection (c) of this section, the Secretary may choose from among the forms of agreements described in section 13541 of this title.

(B) In supporting projects selected under subsection (c) of this section, the Secretary may also enter into agreements with private lenders to pay a portion of the interest on loans made for such projects.

(3) Cost sharing

Cost sharing for projects under this section shall be conducted according to the procedures described in section 13542(b) and (c) of this title.

(4) Advisory Committee

(A) The Secretary shall establish an Advisory Committee on Demonstration and Commercial Application of Renewable Energy and Energy Efficiency Technologies (in this chapter referred to as the "Advisory Committee") to advise the Secretary on the development of the solicitation and evaluation criteria for projects under this section, and on otherwise carrying out his responsibilities under this section. The Secretary shall appoint members to the Advisory Committee, including at least one member representing—

(i) the Secretary of Commerce;

(ii) the National Laboratories of the Department of Energy;

(iii) the Solar Energy Research Institute;

(iv) the Electric Power Research Institute;

(v) the Gas Research Institute;

(vi) the National Institute of Building Sciences;

(vii) the National Institute of Standards and Technology;

(viii) associations of firms in the major renewable energy manufacturing industries; and

(ix) associations of firms in the major energy efficiency manufacturing industries.