

ergy of \$40,000,000 for each of fiscal years ending Sept. 30, 1981 and 1982, for industrial energy conservation demonstration projects designed to substantially increase productivity in industry.

Section was enacted as part of the Energy Security Act, and not as part of the Energy Policy and Conservation Act which comprises this chapter.

§ 6348. Energy efficiency in industrial facilities

(a) Grant program

(1) In general

The Secretary shall make grants to industry associations to support programs to improve energy efficiency in industry. In order to be eligible for a grant under this subsection, an industry association shall establish a voluntary energy efficiency improvement target program.

(2) Awarding of grants

The Secretary shall request project proposals and provide annual grants on a competitive basis. In evaluating grant proposals under this subsection, the Secretary shall consider—

- (A) potential energy savings;
- (B) potential environmental benefits;
- (C) the degree of cost sharing;
- (D) the degree to which new and innovative technologies will be encouraged;
- (E) the level of industry involvement;
- (F) estimated project cost-effectiveness; and
- (G) the degree to which progress toward the energy improvement targets can be monitored.

(3) Eligible projects

Projects eligible for grants under this subsection may include the following:

- (A) Workshops.
- (B) Training seminars.
- (C) Handbooks.
- (D) Newsletters.
- (E) Data bases.
- (F) Other activities approved by the Secretary.

(4) Limitation on cost sharing

Grants provided under this subsection shall not exceed \$250,000 and each grant shall not exceed 75 percent of the total cost of the project for which the grant is made.

(5) Authorization

There are authorized to be appropriated such sums as are necessary to carry out this subsection.

(b) Award program

The Secretary shall establish an annual award program to recognize those industry associations or individual industrial companies that have significantly improved their energy efficiency.

(c) Report on industrial reporting and voluntary targets

Not later than one year after October 24, 1992, the Secretary shall, in consultation with affected industries, evaluate and report to the Congress regarding the establishment of Federally mandated energy efficiency reporting re-

quirements and voluntary energy efficiency improvement targets for energy intensive industries. Such report shall include an evaluation of the costs and benefits of such reporting requirements and voluntary energy efficiency improvement targets, and recommendations regarding the role of such activities in improving energy efficiency in energy intensive industries.

(Pub. L. 102-486, title I, §131, Oct. 24, 1992, 106 Stat. 2836.)

Editorial Notes

CODIFICATION

Section was enacted as part of the Energy Policy Act of 1992, and not as part of the Energy Policy and Conservation Act which comprises this chapter.

§ 6349. Process-oriented industrial energy efficiency

(a) Definitions

For the purposes of this section—

(1) the term “covered industry” means the food and food products industry, lumber and wood products industry, petroleum and coal products industry, and all other manufacturing industries specified in Standard Industrial Classification Codes 20 through 39 (or successor classification codes);

(2) the term “process-oriented industrial assessment” means—

(A) the identification of opportunities in the production process (from the introduction of materials to final packaging of the product for shipping) for—

- (i) improving energy efficiency;
- (ii) reducing environmental impact; and
- (iii) designing technological improvements to increase competitiveness and achieve cost-effective product quality enhancement;

(B) the identification of opportunities for improving the energy efficiency of lighting, heating, ventilation, air conditioning, and the associated building envelope; and

(C) the identification of cost-effective opportunities for using renewable energy technology in the production process and in the systems described in subparagraph (B); and

(3) the term “utility” means any person, State agency (including any municipality), or Federal agency, which sells electric or gas energy to retail customers.

(b) Grant program

(1) Use of funds

The Secretary shall, to the extent funds are made available for such purpose, make grants to States which, consistent with State law, shall be used for the following purposes:

(A) To promote, through appropriate institutions such as universities, nonprofit organizations, State and local government entities, technical centers, utilities, and trade organizations, the use of energy-efficient technologies in covered industries.

(B) To establish programs to train individuals (on an industry-by-industry basis) in conducting process-oriented industrial as-

assessments and to encourage the use of such trained assessors.

(C) To assist utilities in developing, testing, and evaluating energy efficiency programs and technologies for industrial customers in covered industries.

(2) Consultation

States receiving grants under this subsection shall consult with utilities and representatives of affected industries, as appropriate, in determining the most effective use of such funds consistent with the requirements of paragraph (1).

(3) Eligibility criteria

Not later than 1 year after October 24, 1992, the Secretary shall establish eligibility criteria for grants made pursuant to this subsection. Such criteria shall require a State applying for a grant to demonstrate that such State—

(A) pursuant to section 2621(a) of title 16, has considered and made a determination regarding the implementation of the standards specified in paragraphs (7) and (8) of section 2621(d) of title 16 (with respect to integrated resources planning and investments in conservation and demand management); and

(B) by legislation or regulation—

(i) allows utilities to recover the costs prudently incurred in providing process-oriented industrial assessments; and

(ii) encourages utilities to provide to covered industries—

(I) process-oriented industrial assessments; and

(II) financial incentives for implementing energy efficiency improvements.

(4) Allocation of funds

Grants made pursuant to this subsection shall be allocated each fiscal year among States meeting the criteria specified in paragraph (3) who have submitted applications 60 days before the first day of such fiscal year. Such allocation shall be made in accordance with a formula to be prescribed by the Secretary based on each State's share of value added in industry (as determined by the Census of Manufacturers) as a percentage of the value added by all such States.

(5) Renewal of grants

A grant under this subsection may continue to be renewed after 2 consecutive fiscal years during which a State receives a grant under this subsection, subject to the availability of funds, if—

(A) the Secretary determines that the funds made available to the State during the previous 2 years were used in a manner required under paragraph (1); and

(B) such State demonstrates, in a manner prescribed by the Secretary, utility participation in programs established pursuant to this subsection.

(6) Coordination with other Federal programs

In carrying out the functions described in paragraph (1), States shall, to the extent practicable, coordinate such functions with activi-

ties and programs conducted by the Energy Analysis and Diagnostic Centers of the Department of Energy and the Manufacturing Technology Centers of the National Institute of Standards and Technology.

(c) Other Federal assistance

(1) Assessment criteria

Not later than 2 years after October 24, 1992, the Secretary shall, by contract with non-profit organizations with expertise in process-oriented industrial energy efficiency technologies, establish and, as appropriate, update criteria for conducting process-oriented industrial assessments on an industry-by-industry basis. Such criteria shall be made available to State and local government, public utility commissions, utilities, representatives of affected process-oriented industries, and other interested parties.

(2) Directory

The Secretary shall establish a nationwide directory of organizations offering industrial energy efficiency assessments, technologies, and services consistent with the purposes of this section. Such directory shall be made available to State governments, public utility commissions, utilities, industry representatives, and other interested parties.

(3) Award program

The Secretary shall establish an annual award program to recognize utilities operating outstanding or innovative industrial energy efficiency technology assistance programs.

(4) Meetings

In order to further the purposes of this section, the Secretary shall convene annual meetings of parties interested in process-oriented industrial assessments, including representatives of State government, public utility commissions, utilities, and affected process-oriented industries.

(d) Authorization of appropriations

There are authorized to be appropriated such sums as may be necessary to carry out the purposes of this section.

(Pub. L. 102-486, title I, §132, Oct. 24, 1992, 106 Stat. 2837; Pub. L. 104-66, title I, §1052(a)(1), Dec. 21, 1995, 109 Stat. 717; Pub. L. 105-362, title IV, §401(d), Nov. 10, 1998, 112 Stat. 3282.)

Editorial Notes

CODIFICATION

Section was enacted as part of the Energy Policy Act of 1992, and not as part of the Energy Policy and Conservation Act which comprises this chapter.

AMENDMENTS

1998—Subsecs. (d), (e). Pub. L. 105-362 redesignated subsec. (e) as (d) and struck out heading and text of former subsec. (d) which related to reports to Congress.

1995—Subsec. (d). Pub. L. 104-66 substituted "Not later than October 24, 1995, and biennially thereafter" for "Not later than 2 years after October 24, 1992, and annually thereafter" in introductory provisions and added par. (6).

§ 6350. Industrial insulation and audit guidelines

(a) Voluntary guidelines for energy efficiency auditing and insulating

Not later than 18 months after October 24, 1992, the Secretary, after consultation with utilities, major industrial energy consumers, and representatives of the insulation industry, shall establish voluntary guidelines for—

- (1) the conduct of energy efficiency audits of industrial facilities to identify cost-effective opportunities to increase energy efficiency; and
- (2) the installation of insulation to achieve cost-effective increases in energy efficiency in industrial facilities.

(b) Educational and technical assistance

The Secretary shall conduct a program of educational and technical assistance to promote the use of the voluntary guidelines established under subsection (a).

(Pub. L. 102-486, title I, §133, Oct. 24, 1992, 106 Stat. 2840; Pub. L. 104-66, title I, §1052(a)(2), Dec. 21, 1995, 109 Stat. 717; Pub. L. 105-362, title IV, §401(e), Nov. 10, 1998, 112 Stat. 3282.)

Editorial Notes

CODIFICATION

Section was enacted as part of the Energy Policy Act of 1992, and not as part of the Energy Policy and Conservation Act which comprises this chapter.

AMENDMENTS

1998—Subsec. (c). Pub. L. 105-362 struck out heading and text of subsec. (c). Text read as follows: “Not later than 2 years after October 24, 1995, and biennially thereafter, as part of the report required under section 6349(d) of this title, the Secretary shall report to the Congress on activities conducted pursuant to this section, including—

- “(1) a review of the status of industrial energy auditing procedures; and
- “(2) an evaluation of the effectiveness of the guidelines established under subsection (a) of this section and the responsiveness of the industrial sector to such guidelines.”

1995—Subsec. (c). Pub. L. 104-66 in introductory provisions substituted “1995” for “1992”, and inserted “as part of the report required under section 6349(d) of this title,” after “and biennially thereafter,”.

§ 6351. Coordination of research and development of energy efficient technologies for industry

(a) In general

As part of the research and development activities of the Advanced Manufacturing Office of the Department of Energy, the Secretary of Energy (referred to in this section as the “Secretary”) shall establish, as appropriate, collaborative research and development partnerships with other programs within the Department of Energy that—

- (1) leverage the research and development expertise of those programs to promote early stage energy efficiency technology development;
- (2) support the use of innovative manufacturing processes and applied research for development, demonstration, and commercialization of new technologies and processes

to improve efficiency (including improvements in efficient use of water), reduce emissions, reduce industrial waste, and improve industrial cost-competitiveness; and

(3) apply the knowledge and expertise of the Advanced Manufacturing Office to help achieve the program goals of the other programs.

(b) Reports

Not later than 2 years after December 18, 2012, and biennially thereafter, the Secretary shall submit to Congress a report that describes actions taken to carry out subsection (a) and the results of those actions.

(Pub. L. 112-210, §6, Dec. 18, 2012, 126 Stat. 1519; Pub. L. 116-260, div. Z, title VI, §6002, Dec. 27, 2020, 134 Stat. 2552.)

Editorial Notes

CODIFICATION

Section was enacted as part of the American Energy Manufacturing Technical Corrections Act, and not as part of the Energy Policy and Conservation Act which comprises this chapter.

AMENDMENTS

2020—Subsec. (a). Pub. L. 116-260, in introductory provisions, substituted “Advanced Manufacturing Office” for “Industrial Technologies Program” and “Department of Energy” for “Office of Energy Efficiency and Renewable Energy (including the Building Technologies Program), the Office of Electricity Delivery and Energy Reliability, and the Office of Science”.

Subsec. (a)(3). Pub. L. 116-260, §6002(1), substituted “Advanced Manufacturing Office” for “Industrial Technologies Program”.

PART D—OTHER FEDERAL ENERGY CONSERVATION MEASURES

Editorial Notes

CODIFICATION

This part, originally designated part E and subsequently redesignated part F by Pub. L. 95-619, title IV, §441(a), Nov. 9, 1978, 92 Stat. 3267, was changed to part D for purposes of codification.

§ 6361. Federal energy conservation programs

(a) Establishment and coordination of Federal agency actions

(1) The President shall, to the extent of his authority under other law, establish or coordinate Federal agency actions to develop mandatory standards with respect to energy conservation and energy efficiency to govern the procurement policies and decisions of the Federal Government and all Federal agencies, and shall take such steps as are necessary to cause such standards to be implemented.

(2) The President shall develop and, to the extent of his authority under other law, implement a 10-year plan for energy conservation with respect to buildings owned or leased by an agency of the United States. Such plan shall include mandatory lighting efficiency standards, mandatory thermal efficiency standards and insulation requirements, restrictions on hours of operation, thermostat controls, and other conditions of operation, and plans for replacing or retrofitting to meet such standards.