

ministrator in carrying out the provisions of this chapter, not to exceed \$3,000,000 for the fiscal year ending September 30, 1981, not to exceed \$3,500,000 for the fiscal year ending September 30, 1982, not to exceed \$3,500,000 for the fiscal year ending September 30, 1983, not to exceed \$480,000 for each of the fiscal years ending September 30, 1984 and September 30, 1985, and not to exceed \$630,000 for each of the fiscal years ending September 30, 1986 and September 30, 1987.

(Pub. L. 96-320, title IV, §406, Aug. 3, 1980, 94 Stat. 1000; Pub. L. 98-623, title VI, §601, Nov. 8, 1984, 98 Stat. 3410.)

REFERENCES IN TEXT

This chapter, referred to in text, was in the original "this Act", meaning Pub. L. 96-320, Aug. 3, 1980, 94 Stat. 974, known as the Ocean Thermal Energy Conversion Act of 1980, which is classified principally to this chapter. For complete classification of this Act to the Code, see Short Title note set out under section 9101 of this title and Tables.

AMENDMENTS

1984—Pub. L. 98-623 inserted provisions authorizing appropriations not to exceed \$480,000 for each of the fiscal years ending September 30, 1984 and September 30, 1985, and not to exceed \$630,000 for each of the fiscal years ending September 30, 1986 and September 30, 1987.

§ 9167. Severability

If any provision of this chapter or any application thereof is held invalid, the validity of the remainder of the chapter, or any other application, shall not be affected thereby.

(Pub. L. 96-320, title IV, §407, Aug. 3, 1980, 94 Stat. 1000.)

REFERENCES IN TEXT

This chapter, referred to in text, was in the original "this Act", meaning Pub. L. 96-320, Aug. 3, 1980, 94 Stat. 974, known as the Ocean Thermal Energy Conversion Act of 1980, which is classified principally to this chapter. For complete classification of this Act to the Code, see Short Title note set out under section 9101 of this title and Tables.

§ 9168. Report to Congress on promotion and enhancement of export potential of ocean thermal energy conversion components, facilities, and plantships

Within 18 months after November 8, 1984, the Administrator shall submit to the President of the Senate and the Speaker of the House of Representatives a report detailing what steps the United States Government is taking and plans to take to promote and enhance the export potential of ocean thermal energy conversion components, facilities, and plantships manufactured by United States industry. Such report shall include—

(1) the relevant views of the National Oceanic and Atmospheric Administration, International Trade Administration, Maritime Administration, Department of Energy, Small Business Administration, United States International Development Cooperative Agency, the Office of the Special Trade Representative, and other relevant United States Government agencies;

(2) the findings of studies conducted by the Administrator to fulfill the intent of this section;

(3) a summary of activities, including consultations held with representatives of both the ocean thermal energy conversion and financial industries conducted by the Administrator to fulfill the intent of this section; and

(4) such recommendations as the Administrator deems appropriate for amending this chapter or other relevant Acts to better promote and enhance the export potential of ocean thermal energy conversion components, facilities and plantships manufactured by United States industry.

(Pub. L. 96-320, title IV, §408, as added Pub. L. 98-623, title VI, §602(d), Nov. 8, 1984, 98 Stat. 3411.)

REFERENCES IN TEXT

This chapter, referred to in par. (4), was in the original "the Ocean Thermal Energy Conversion Act of 1980 (Public Law 96-320)", meaning Pub. L. 96-320, Aug. 3, 1980, 94 Stat. 974, which is classified principally to this chapter. For complete classification of this Act to the Code, see Short Title note set out under section 9101 of this title and Tables.

CHAPTER 100—WIND ENERGY SYSTEMS

Sec. 9201. 9202. 9203. 9204. 9205. 9206. 9207. 9208. 9209. 9210. 9211. 9212. 9213.	Congressional findings and declaration of purpose. Definitions. Comprehensive program management plan. Research, development, and demonstration. Technology application programs. Wind resource assessment. Criteria for program selection. Administrative provisions. Utilization of capabilities and facilities. Analysis of applications of wind energy systems. Encouragement and protection of small business. General provisions. Authorization of appropriations.
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§ 9201. Congressional findings and declaration of purpose

(a) The Congress finds that—

(1) the United States is faced with a finite and diminishing resource base of native fossil fuels and, as a consequence, must develop as quickly as possible a diversified, pluralistic national energy capability and posture;

(2) the current imbalance between supply and demand for fuels and energy in the United States is likely to grow for many years;

(3) it is in the Nation's interest to provide opportunities for the increased production of electricity from renewable energy sources;

(4) the early wide-spread utilization of wind energy for the generation of electricity and for mechanical power could lead to relief on the demand for existing non-renewable fuel and energy supplies;

(5) the use of large wind energy systems for certain limited applications is already economically feasible;

(6) the use of small wind energy systems for certain applications is already economically feasible, and therefore, the Federal Government should not undertake any financial incentive or financial initiative which may detrimentally affect commercial markets for small wind energy systems;

(7) an aggressive research, development and demonstration program to accelerate widespread utilization of wind energy should solve existing technical problems of converting wind energy into electricity and mechanical energy and, supported by an assured and growing market for wind energy systems during the next decade, should maximize the future contribution of wind energy to the Nation's future energy production;

(8) it is the proper and appropriate role of the Federal Government to undertake research and development, to participate in demonstration programs for wind energy systems, and to assist private industry, other entities, and the general public in hastening the widespread utilization of such systems;

(9) the widespread use of wind energy systems to supplement and replace conventional methods for the generation of electricity and mechanical power would have a beneficial effect upon the environment;

(10) the evaluation of the performance and reliability of wind energy technologies can be expedited by the testing of prototypes under carefully controlled conditions;

(11) innovation and creativity in the development of components and systems for converting wind energy into electricity and mechanical energy can be fostered through encouraging direct contact between the manufacturers of such components and systems and utilities and other persons interested in utilizing such components and systems; and

(12) consistent with the findings of the Domestic Policy Review on Solar Energy, wind energy can potentially contribute 1.7 quads of energy per year by the year 2000.

(b) It is declared to be the policy of the United States and the purpose of this chapter to establish during the next eight years an aggressive research, development, demonstration, and technology applications program for converting wind energy into electricity and mechanical energy. It is declared to be the further policy of the United States and the purpose of this chapter that the objectives of such program are—

(1) to reduce the average cost of electricity produced by installed wind energy systems, by the end of fiscal year 1988, to a level competitive with conventional energy sources;

(2) to reach a total megawatt capacity in the United States from wind energy systems, by the end of fiscal year 1988, of at least eight hundred megawatts, of which at least one hundred megawatts are provided by small wind energy systems; and

(3) to accelerate the growth of a commercially viable and competitive industry to make wind energy systems available to the general public as an option in order to reduce national consumption of fossil fuel.

(Pub. L. 96-345, § 2, Sept. 8, 1980, 94 Stat. 1139.)

SHORT TITLE

Pub. L. 96-345, § 1, Sept. 8, 1980, 94 Stat. 1139, provided: "That this Act [enacting this chapter] may be cited as the 'Wind Energy Systems Act of 1980'."

§ 9202. Definitions

For purposes of this chapter—

(1) the term "wind energy system" means a system of components which converts the kinetic energy of the wind into electricity or mechanical power, and which comprises all necessary components, including energy storage, power conditioning, control systems, and transmission systems, where appropriate, to provide electricity or mechanical power for individual, residential, agricultural, commercial, industrial, utility, or governmental use;

(2) the term "small wind energy system" means a wind energy system having a maximum rated capacity of one hundred kilowatts or less;

(3) the term "large wind energy system" means a wind energy system which is not a small wind energy system;

(4) the term "public and private entity" means any individual, corporation, partnership, firm, association, agricultural cooperative, public- or investor-owned utility, public or private institution or group, any State or local government agency, or any other domestic entity;

(5) the term "known wind resource" means a site with an estimated average annual wind velocity of at least twelve miles per hour;

(6) the term "conventional energy source" means energy produced from oil, gas, coal, and nuclear fuels; and

(7) the term "Secretary" means the Secretary of Energy.

(Pub. L. 96-345, § 3, Sept. 8, 1980, 94 Stat. 1140.)

§ 9203. Comprehensive program management plan

(a) Program activities and periods; consultations with heads of Federal agencies and non-Federal organizations

The Secretary shall prepare a comprehensive program management plan for the research, development, demonstration, and technology application activities to carry out the purposes of this chapter. The program activities shall be conducted in accordance with such comprehensive plan which shall include—

(1) a five-year program for small wind energy systems,

(2) an eight-year program for large wind energy systems, and

(3) a three-year program for wind resource assessment¹

which shall be consistent with the provisions of sections 9204, 9205, and 9206 of this title. In the preparation of such plan, the Secretary shall consult with the Administrator of the National Aeronautics and Space Administration, the Secretary of the Interior, and the heads of such other Federal agencies and such public and private organizations as he deems appropriate.

(b) Initial transmittal to Congressional committees

The Secretary shall transmit the comprehensive program management plan to the Committee on Science and Technology of the House of Representatives and the Committee on Energy and Natural Resources of the Senate within nine months after September 8, 1980.

¹ So in original. Probably should be followed by a comma.