

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 assessment<sup>1</sup>

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.

#### (c) Subsequent transmittals to Congress; descriptive statement: current plan, changes, justification for changes, progress, interagency cooperation, and recommendations for achievement of goals

Concurrently with the submission of the President's annual budget to the Congress for each year after the year in which the comprehensive plan is initially transmitted under subsection (b) of this section, the Secretary shall transmit to the Congress a detailed description of the comprehensive plan as then in effect, setting forth the modifications which may be necessary to appropriately revise such plan and any changes in circumstances which may have occurred since the plan or the last previous modification thereof was transmitted in accordance with this section. The detailed description of the comprehensive plan under this subsection shall include but need not be limited to a statement setting forth with respect to each of the programs under this chapter any changes in—

(1) the anticipated research, development, demonstration, and technology application objectives to be achieved by the program;

(2) the program elements, management structure, and activities, including any regional aspects and field responsibilities thereof;

(3) the program strategies and technology applications plans, including detailed mile-

<sup>1</sup> So in original. Probably should be followed by a comma.