

**§ 8912. Authorization of appropriations**

For the expenses of carrying out the carbon dioxide study authorized by section 8911 of this title (as determined by the Office of Science and Technology Policy) there are authorized to be appropriated such sums, not exceeding \$3,000,000 in the aggregate, as may be necessary. At least 80 percent of any amounts appropriated pursuant to the preceding sentence shall be provided to the National Academy of Sciences.

(Pub. L. 96-294, title VII, §712, June 30, 1980, 94 Stat. 775.)

**CHAPTER 98—OCEAN THERMAL ENERGY CONVERSION RESEARCH AND DEVELOPMENT**

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**§ 9001. Congressional findings and declaration of purpose**

(a) The Congress finds that—

(1) the supply of nonrenewable fuels in the United States is slowly being depleted;

(2) alternative sources of energy must be developed;

(3) ocean thermal energy is a renewable energy resource that can make a significant contribution to the energy needs of the United States;

(4) the technology base for ocean thermal energy conversion has improved over the past two years, and has consequently lowered the technical risk involved in constructing moderate-sized pilot plants with an electrical generating capacity of about ten to forty megawatts;

(5) while the Federal ocean thermal energy conversion program has grown in size and scope over the past several years, it is in the national interest to accelerate efforts to commercialize ocean thermal energy conversion by building pilot and demonstration facilities and to begin planning for the commercial demonstration of ocean thermal energy conversion technology;

(6) a strong and innovative domestic industry committed to the commercialization of ocean thermal energy conversion must be established, and many competent domestic industrial groups are already involved in ocean thermal energy conversion research and development activity; and

(7) consistent with the findings of the Domestic Policy Review on Solar Energy, ocean thermal energy conversion energy can potentially contribute at least one-tenth of quad of energy per year by the year 2000.

(b) Therefore, the purpose of this chapter is to accelerate ocean thermal energy conversion

technology development to provide a technical base for meeting the following goals:

(1) demonstration by 1986 of at least one hundred megawatts of electrical capacity or energy product equivalent from ocean thermal energy conversion systems;

(2) demonstration by 1989 of at least five hundred megawatts of electrical capacity or energy product equivalent from ocean thermal energy conversion systems;

(3) achievement in the mid-1990's, for the gulf coast region of the continental United States and for islands in the United States, its possessions and its territories, an average cost of electricity or energy product equivalent produced by installed ocean thermal energy conversion systems that is competitive with conventional energy sources; and

(4) establish as a national goal ten thousand megawatts of electrical capacity or energy product equivalent from ocean thermal energy conversion systems by the year 1999.

(Pub. L. 96-310, §2, July 17, 1980, 94 Stat. 941.)

**Statutory Notes and Related Subsidiaries****SHORT TITLE**

Pub. L. 96-310, §1, July 17, 1980, 94 Stat. 941, provided: "That this Act [enacting this chapter] may be cited as the 'Ocean Thermal Energy Conversion Research, Development, and Demonstration Act'."

**§ 9002. Comprehensive program management plan****(a) Preparation of plan**

(1) The Secretary is authorized and directed to prepare a comprehensive program management plan for the conduct under this chapter of research, development, and demonstration activities consistent with the provisions of sections 9003, 9004, and 9005 of this title.

(2) In the preparation of such plan, the Secretary shall consult with the Administrator of the National Oceanic and Atmospheric Administration, the Administrator of the Maritime Administration, the Administrator of the National Aeronautics and Space Administration, and the heads of such other Federal agencies and such public and private organizations as he deems appropriate.

**(b) Transmittal of plan to Congress**

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 July 17, 1980.

**(c) Requisite provisions of plan**

The detailed description of the comprehensive plan under this section shall include, but need not be limited to—

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

(2) the program strategies and technology application and market development plans, including detailed milestone goals to be achieved during the next fiscal year for all major activities and projects;