

Sec.	
5903d.	Clean coal technology projects; proposals, implementation, funding, etc.
5904.	Research, development, and demonstration program governing principles.
5905.	Comprehensive planning and programming.
5906.	Federal assistance and participation in programs.
5907.	Demonstration projects.
5907a.	Small grant program.
5908.	Patents and inventions.
5909.	Relationship to antitrust laws.
5910.	Repealed.
5911.	Acquisition of essential materials.
5912.	Water resource assessments.
5913.	Evaluation by National Institute of Standards and Technology of energy-related inventions prior to awarding of grants by Secretary; promulgation of regulations.
5914.	Omitted.
5915.	Authorization of appropriations.
5915a.	Expiration of initial authorization to construct fossil energy demonstration plants.
5916.	Central source of nonnuclear energy information.
5917 to 5920.	Repealed.

§ 5901. Congressional statement of findings

The Congress hereby finds that—

(a) The Nation is suffering from a shortage of environmentally acceptable forms of energy.

(b) Compounding this energy shortage is our past and present failure to formulate a comprehensive and aggressive research and development program designed to make available to American consumers our large domestic energy reserves including fossil fuels, nuclear fuels, geothermal resources, solar energy, and other forms of energy. This failure is partially because the unconventional energy technologies have not been judged to be economically competitive with traditional energy technologies.

(c) The urgency of the Nation's energy challenge will require commitments similar to those undertaken in the Manhattan and Apollo projects; it will require that the Nation undertake a research, development, and demonstration program in nonnuclear energy technologies with a total Federal investment which may reach or exceed \$20,000,000,000 over the next decade.

(d) In undertaking such program, full advantage must be taken of the existing technical and managerial expertise in the various energy fields within Federal agencies and particularly in the private sector.

(e) The Nation's future energy needs can be met if a national commitment is made now to dedicate the necessary financial resources, to enlist our scientific and technological capabilities, and to accord the proper priority to developing new nonnuclear energy options to serve national needs, conserve vital resources, and protect the environment.

(Pub. L. 93-577, § 2, Dec. 31, 1974, 88 Stat. 1879.)

SHORT TITLE

Pub. L. 93-577, § 1(a), as added Pub. L. 109-58, title X, § 1009(b)(1), Aug. 8, 2005, 119 Stat. 934, provided that: "This Act [enacting this chapter] may be cited as the 'Federal Nonnuclear Energy Research and Development Act of 1974'."

DEFINITIONS

Pub. L. 93-577, § 1(b), as added Pub. L. 109-58, title X, § 1009(b)(1), Aug. 8, 2005, 119 Stat. 934, provided that: "In this Act [enacting this chapter]:

"(1) The term 'Department' means the Department of Energy.

"(2) The term 'Secretary' means the Secretary of Energy."

§ 5902. Congressional declaration of policy and purpose; implementation and administration of program by Secretary of Energy

(a) It is the policy of the Congress to develop on an urgent basis the technological capabilities to support the broadest range of energy policy options through conservation and use of domestic resources by socially and environmentally acceptable means.

(b)(1) The Congress declares the purpose of this chapter to be to establish and vigorously conduct a comprehensive, national program of basic and applied research and development, including but not limited to demonstrations of practical applications, of all potentially beneficial energy sources and utilization technologies, within the Department.

(2) In carrying out this program, the Secretary shall be governed by the terms of this chapter and other applicable provisions of law with respect to all nonnuclear aspects of the research, development, and demonstration program; and the policies and provisions of the Atomic Energy Act of 1954 [42 U.S.C. 2011 et seq.], and other provisions of law shall continue to apply to the nuclear research, development, and demonstration program.

(3) In implementing and conducting the research, development, and demonstration programs pursuant to this chapter, the Secretary shall incorporate programs in specific nonnuclear technologies previously enacted into law, including those established by the Solar Heating and Cooling Demonstration Act of 1974 (Public Law 93-409) [42 U.S.C. 5501 et seq.], the Geothermal Energy Research, Development, and Demonstration Act of 1974 (Public Law 93-410) [30 U.S.C. 1101 et seq.], and the Solar Energy Research, Development, and Demonstration Act of 1974 (Public Law 93-473) [42 U.S.C. 5551 et seq.]

(Pub. L. 93-577, § 3, Dec. 31, 1974, 88 Stat. 1879; Pub. L. 109-58, title X, § 1009(b)(2), Aug. 8, 2005, 119 Stat. 934.)

REFERENCES IN TEXT

The Atomic Energy Act of 1954, referred to in subsec. (b)(2), is act Aug. 1, 1946, ch. 724, as added by act Aug. 30, 1954, ch. 1073, § 1, 68 Stat. 919, which is classified principally to chapter 23 (§ 2011 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 2011 of this title and Tables.

The Solar Heating and Cooling Demonstration Act of 1974, referred to in subsec. (b)(3), is Pub. L. 93-409, Sept. 3, 1974, 88 Stat. 1069, as amended, which is classified generally to subchapter I (§ 5501 et seq.) of chapter 71 of this title. For complete classification of this Act to the Code, see Short Title note set out under section 5501 of this title and Tables.

The Geothermal Energy Research, Development, and Demonstration Act of 1974, referred to in subsec. (b)(3), is Pub. L. 93-410, Sept. 3, 1974, 88 Stat. 1079, as amended, which is classified generally to chapter 24 (§ 1101 et seq.) of title 30, Mineral Lands and Mining. For complete classification of this Act to the Code, see Short Title note set out under section 1101 of Title 30 and Tables.

The Solar Energy Research, Development, and Demonstration Act of 1974, referred to in subsec. (b)(3), is