

Sec.	
5552.	Definitions.
5553.	Solar Energy Coordination and Management Project.
5554.	Solar energy resource determination and assessment program; objectives; implementation.
5555.	Research and development program.
5556.	Solar energy demonstration facilities program.
5556a.	Solar photovoltaic energy systems studies and acquisitions by Secretary of Energy; scope, contents, and submission dates for reports; acquisition authority and requirements; authorization of appropriations.
5557.	Solar Energy Information Data Bank.
5558.	Scientific and technical education programs.
5559.	Solar Energy Research Institute; establishment; functions; location.
5560.	International cooperation in solar energy research and programs of education.
5561.	Regulations.
5562.	Summary in annual report.
5563.	Project information to Congressional committees.
5564.	Comprehensive program definition; preparation; utilization of and consultation with other agencies; transmittal to the President and Congress; time of transmittal.
5565.	Transfer of functions.
5566.	Authorization of appropriations.
SUBCHAPTER III—SOLAR PHOTOVOLTAIC ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	
5581.	Congressional findings and declaration of policy.
5582.	Definitions.
5583.	Establishment and promotion of research, development, and demonstration programs.
5584.	Federal assistance application procedures; selection of applicants; agreements; financial assistance; observation and monitoring of photovoltaic systems; reports; projects and activities.
5585.	Contracts, grants and arrangements.
5586.	Test procedures and performance criteria.
5587.	Supervision of research, development, and demonstration programs.
5588.	Solar Photovoltaic Energy Advisory Committee.
5589.	Promotion and facilitation of practical use of photovoltaic energy.
5590.	Submittal to Congressional committees of plan for demonstrating applications of photovoltaic systems and facilitating use in other nations; encouragement of international participation and cooperation; coordination and consistency of plan and international activities with similar activities and programs.
5591.	Participation of small business concerns.
5592.	Priorities.
5593.	Construction with National Energy Conservation Policy Act.
5594.	Authorization of appropriations.

SUBCHAPTER I—HEATING AND COOLING

§ 5501. Congressional findings and declaration of policy

(a) The Congress hereby finds that—

(1) the current imbalance between supply and demand for fuels and energy is likely to persist for some time;

(2) the early demonstration of the feasibility of using solar energy for the heating and cooling of buildings could help to relieve the demand upon present fuel and energy supplies;

(3) the technologies for solar heating are close to the point of commercial application in the United States;

(4) the technologies for combined solar heating and cooling still require research, development, testing and demonstration, but no insoluble technical problem is now foreseen in achieving commercial use of such technologies;

(5) the early development and export of viable solar heating equipment and combined solar heating and cooling equipment, consistent with the established preeminence of the United States in the field of high technology products, can make a valuable contribution to our balance of trade;

(6) the widespread use of solar energy in place of conventional methods for the heating and cooling of buildings would have a significantly beneficial effect upon the environment;

(7) the mass production and use of solar heating and cooling equipment will help to eliminate the dependence of the United States upon foreign energy sources and promote the national defense;

(8) the widespread introduction of low-cost solar energy will be beneficial to consumers in a period of rapidly rising fuel cost;

(9) innovation and creativity in the development of solar heating and combined solar heating and cooling components and systems can be fostered through encouraging direct contact between the manufacturers of such systems and the architects, engineers, developers, contractors, and other persons interested in installing such systems in buildings;

(10) evaluation of the performance and reliability of solar heating and combined solar heating and cooling technologies can be expedited by testing under carefully controlled conditions; and

(11) commercial application of solar heating and combined solar heating and cooling technologies can be expedited by early commercial demonstration under practical conditions.

(b) It is therefore declared to be the policy of the United States and the purpose of this subchapter to provide for the demonstration within a three-year period of the practical use of solar heating technology, and to provide for the development and demonstration within a five-year period of the practical use of combined heating and cooling technology.

(Pub. L. 93-409, §2, Sept. 3, 1974, 88 Stat. 1069.)

SHORT TITLE OF 1978 AMENDMENT

Pub. L. 95-590, §1, Nov. 4, 1978, 92 Stat. 2513, provided: "That this Act [enacting subchapter III of this chapter] may be cited as the 'Solar Photovoltaic Energy Research, Development, and Demonstration Act of 1978'."

SHORT TITLE

Pub. L. 93-409, §1, Sept. 3, 1974, 88 Stat. 1069, provided: "That this Act [enacting this subchapter and amending section 2473 of this title] may be cited as the 'Solar Heating and Cooling Demonstration Act of 1974'."

Pub. L. 93-473, §1, Oct. 26, 1974, 88 Stat. 1431, provided: "That this Act [enacting subchapter II of this chapter] may be cited as the 'Solar Energy Research, Development, and Demonstration Act of 1974'."

§ 5502. Definitions

For purposes of this subchapter—