

dited 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 Pub. L. 95-590 (enacting subchapter III of this chapter) could be cited as the "Solar Photovoltaic Energy Research, Development, and Demonstration Act of 1978", prior to repeal by Pub. L. 116-260, div. Z, title III, §3006(f), Dec. 27, 2020, 134 Stat. 2513.

SHORT TITLE

Pub. L. 93-473, §1, Oct. 26, 1974, 88 Stat. 1431, provided that Pub. L. 93-473 (enacting subchapter II of this chapter) could be cited as the "Solar Energy Research, Development, and Demonstration Act of 1974", prior to repeal by Pub. L. 116-260, div. Z, title III, §3006(e)(1), Dec. 27, 2020, 134 Stat. 2513.

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'."

**§ 5502. Definitions**

For purposes of this subchapter—

(1) the term "solar heating", with respect to any building, means the use of solar energy to meet such portion of the total heating needs of such building (including hot water), or such portion of the needs of such building for hot water (where its remaining heating needs are met by other methods), as may be required under performance criteria prescribed by the Secretary of Housing and Urban Development utilizing the services of the Director of the National Institute of Standards and Technology, and in consultation with the Secretary of Energy, and the Administrator of the National Aeronautics and Space Administration;

(2) the terms "solar heating and cooling" and "combined solar heating and cooling", with respect to any building, mean the use of solar energy to provide both such portion of the total heating needs of such building (including hot water) and such portion of the total cooling needs of such building, or such portion of the needs of such building for hot water (where its remaining heating needs are met by other methods) and such portion of the total cooling needs of a building, as may be required under performance criteria prescribed by the Secretary of Housing and Urban Development utilizing the services of the Director of the National Institute of Standards and Technology, and in consultation with the Secretary of Energy, and the Administrator of the National Aeronautics and Space Administration, and such term includes cooling by means of nocturnal heat radiation, by evaporation, or

by other methods of meeting peakload energy requirements at nonpeakload times;

(3) the term "residential dwellings" includes previously occupied and new single family and multifamily dwellings, mobile homes, and publicly assisted housing owned by a private sponsor or a State or local housing authority not covered by section 5515 of this title;

(4) the term "Administrator" means the Administrator of the National Aeronautics and Space Administration;

(5) the term "Secretary" means the Secretary of Housing and Urban Development; and

(6) Omitted.

(Pub. L. 93-409, §3, Sept. 3, 1974, 88 Stat. 1070; Pub. L. 93-438, title I, §104(f), title III, §301(h), Oct. 11, 1974, 88 Stat. 1238, 1250; Pub. L. 95-91, title III, §301(a), title VII, §§703, 707, Aug. 4, 1977, 91 Stat. 577, 606, 607; Pub. L. 100-418, title V, §5115(c), Aug. 23, 1988, 102 Stat. 1433.)

CODIFICATION

Par. (6) of this section, which defined the term "Director" as meaning the Director of the National Science Foundation, was omitted because of the transfer of functions from the National Science Foundation to the Secretary of Energy and the substitution of "Secretary of Energy" for "Director" wherever appearing in this subchapter. See Transfer of Functions note set out below.

AMENDMENTS

1988—Pars. (1), (2). Pub. L. 100-418 substituted "National Institute of Standards and Technology" for "National Bureau of Standards".

TRANSFER OF FUNCTIONS

"Secretary of Energy" substituted for "Director of the National Science Foundation" in pars. (1) and (2) pursuant to sections 104(f) and 301(h) of Pub. L. 93-438, which are classified to sections 5814(f) and 5871(h) of this title and which transferred functions of National Science Foundation relating to or utilized in connection with solar heating and cooling development to Administrator of Energy Research and Development Administration, and pursuant to sections 301(a), 703, and 707 of Pub. L. 95-91, which are classified to sections 7151(a), 7293, and 7297 of this title and which terminated Energy Research and Development Administration and transferred its functions and functions of Administrator thereof (with certain exceptions) to Secretary of Energy.

**§ 5503. Development and demonstration of solar heating systems for use in residential dwellings**

**(a) Functions of Administrator and Secretary**

The Administrator and the Secretary shall promptly initiate and carry out a program, as provided in this section, for the development and demonstration of solar heating systems (including collectors, controls, and thermal storage) for use in residential dwellings.

**(b) Time for determination, prescription and publishing of interim performance criteria; selection of designs for suitable dwellings**

(1) Within 120 days after September 3, 1974, the Secretary, utilizing the services of the Director of the National Institute of Standards and Technology and in consultation with the Administrator and the Secretary of Energy, shall determine, prescribe, and publish—