

tions 1723g and 1723h and chapter 37 (§3601 et seq.) of Title 12, Banks and Banking.

**§ 5512. Small business concerns' opportunities to participate in programs**

In carrying out their functions under this subchapter, all Federal officers and agencies shall take steps to assure that small business concerns will have realistic and adequate opportunities to participate in the programs under this subchapter to the maximum extent possible.

(Pub. L. 93-409, §14, Sept. 3, 1974, 88 Stat. 1077.)

**§ 5513. Priorities and criteria of demonstration programs**

The Secretary shall set priorities as far as possible consistent with the intent and operation of this subchapter in accordance with the following criteria:

(a) The residential dwellings and other buildings which will be part of the demonstration programs referred to in sections 5503, 5504, and 5507 of this title shall be located in a sufficient number of different geographic areas in the United States to assure a realistic and effective demonstration of the solar heating systems and combined solar heating and cooling systems involved, and of the dwellings and other buildings themselves, in both rural and urban locations and under climatic conditions which vary as much as possible.

(b) Consideration shall be given to projected costs of commercial production and maintenance of the solar heating systems and combined solar heating and cooling systems utilized in the demonstration programs.

(c) Encouragement should be given in the conduct of programs under this subchapter to those projects in which funds, appropriated by any State or political subdivision thereof for the purpose of sharing costs with the Federal Government for the purchase and installation of solar heating or combined solar heating and cooling components and systems, are committed before or after September 3, 1974.

(Pub. L. 93-409, §15, Sept. 3, 1974, 88 Stat. 1077.)

**§ 5514. Regulations**

The Administrator and the Secretary in consultation with the Director of the National Institute of Standards and Technology, the Secretary of Energy, the Administrator of the General Services Administration, the Secretary of Defense, and other appropriate officers and agencies, shall prescribe such regulations as may be necessary or appropriate to carry out this subchapter promptly and efficiently. Each such officer or agency, in consultation with the Administrator and the Secretary, may prescribe such regulations as may be necessary or appropriate to carry out his or its particular functions under this subchapter promptly and efficiently.

(Pub. L. 93-409, §16, Sept. 3, 1974, 88 Stat. 1078; 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.)

**Editorial Notes**

AMENDMENTS

1988—Pub. L. 100-418 substituted "National Institute of Standards and Technology" for "National Bureau of Standards".

**Statutory Notes and Related Subsidiaries**

TRANSFER OF FUNCTIONS

"Secretary of Energy" substituted in text for "Director", meaning Director of the National Science Foundation, 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.

**§ 5515. Use of publicly assisted housing by Secretary in demonstrations**

The Secretary shall make appropriate use of publicly assisted housing and particularly low-rent housing assisted under the United States Housing Act of 1937 [42 U.S.C. 1437 et seq.] in demonstrating solar heating systems and combined solar heating and cooling systems under this subchapter.

(Pub. L. 93-409, §17, Sept. 3, 1974, 88 Stat. 1078.)

**Editorial Notes**

REFERENCES IN TEXT

The United States Housing Act of 1937, referred to in text, is act Sept. 1, 1937, ch. 896, as revised generally by Pub. L. 93-383, title II, §201(a), Aug. 22, 1974, 88 Stat. 653, which is classified generally to chapter 8 (§1437 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 1437 of this title and Tables.

**§ 5516. Transfer of functions**

Within sixty days after the effective date of the law creating the Energy Research and Development Administration or any other law creating a permanent Federal organization or agency having jurisdiction over the energy research and development functions of the United States (or within sixty days after September 3, 1974, if the effective date of such law occurs prior to the enactment of this subchapter), the energy research and development functions vested in the National Aeronautics and Space Administration and the National Science Foundation under this subchapter and any funds which may have been appropriated pursuant to section 5517 of this title, to the extent necessary or appropriate, may, in accordance with regulations prescribed by the Office of Management and Budget, be transferred to and vested in the Energy Research and Development Administration or such other organization or agency.

(Pub. L. 93-409, §18, Sept. 3, 1974, 88 Stat. 1078.)

**Statutory Notes and Related Subsidiaries****TRANSFER OF FUNCTIONS**

Energy Research and Development Administration terminated and functions vested by law in Administrator thereof transferred to Secretary of Energy (unless otherwise specifically provided) by sections 7151(a) and 7293 of this title.

Functions of National Science Foundation relating to or utilized in connection with solar heating and cooling development transferred to Administrator of Energy Research and Development Administration by section 5814(f) of this title.

**§ 5517. Authorization of appropriations****(a) Appropriations to National Aeronautics and Space Administration**

There is hereby authorized to be appropriated to the National Aeronautics and Space Administration for the fiscal year ending June 30, 1975, \$5,000,000, to remain available until expended, to carry out the functions vested in the Administrator by this subchapter.

**(b) Appropriations to Department of Housing and Urban Development**

There is hereby authorized to be appropriated to the Department of Housing and Urban Development for the fiscal year ending June 30, 1975, \$5,000,000, to remain available until expended. Any sums so appropriated shall be available (1) to carry out the functions vested in the Secretary of Housing and Urban Development by this subchapter, and (2) for transfer to the Department of Defense, the National Institute of Standards and Technology, and the General Services Administration to enable them to carry out their respective functions under this subchapter.

**(c) Appropriations for programs under this subchapter**

There is hereby authorized to be appropriated for the fiscal years ending June 30, 1976, 1977, 1978, and 1979, \$50,000,000 in the aggregate to carry out the programs established by this subchapter.

(Pub. L. 93-409, §19, Sept. 3, 1974, 88 Stat. 1078; Pub. L. 100-418, title V, §5115(c), Aug. 23, 1988, 102 Stat. 1433.)

**Editorial Notes****AMENDMENTS**

1988—Subsec. (b). Pub. L. 100-418 substituted “National Institute of Standards and Technology” for “National Bureau of Standards”.

**SUBCHAPTER II—RESEARCH, DEVELOPMENT, AND DEMONSTRATION****§§ 5551 to 5556. Repealed. Pub. L. 116-260, div. Z, title III, § 3006(e)(1), Dec. 27, 2020, 134 Stat. 2513**

Section 5551, Pub. L. 93-473, §2, Oct. 26, 1974, 88 Stat. 1431, related to congressional declaration of findings and policy.

Section 5552, Pub. L. 93-473, §3, Oct. 26, 1974, 88 Stat. 1431, defined terms for this subchapter.

Section 5553, Pub. L. 93-473, §4, Oct. 26, 1974, 88 Stat. 1432, related to the Solar Energy Coordination and Management Project.

Section 5554, Pub. L. 93-473, §5, Oct. 26, 1974, 88 Stat. 1433, related to solar energy resource determination

and assessment program, objectives, and implementation.

Section 5555, Pub. L. 93-473, §6, Oct. 26, 1974, 88 Stat. 1433, related to research and development program.

Section 5556, Pub. L. 93-473, §7, Oct. 26, 1974, 88 Stat. 1434, related to solar energy demonstration facilities program.

**Statutory Notes and Related Subsidiaries****SAVINGS PROVISION**

Pub. L. 116-260, div. Z, title III, §3006(e)(2), Dec. 27, 2020, 134 Stat. 2513, provided that: “The repeal of the Solar Energy Research, Development, and Demonstration Act of 1974 (42 U.S.C. 5551 et seq.) under paragraph (1) shall not affect the authority of the Secretary of Energy to conduct research and development on solar energy.”

**§ 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**

(a) The Secretary of Energy shall—

(1) initiate and conduct an “application and system design study”, cooperatively with appropriate Federal agencies, to determine the potential for the use of solar photovoltaic systems at specific Federal installations; and this study shall—

(A) include an analysis of those sites that are currently cost-effective for solar photovoltaic energy systems, using life-cycle costing techniques, as well as those which would be cost-effective at expected future market prices;

(B) identify potential sites and uses of solar photovoltaic energy systems at the following agencies as well as any others which the Secretary of Energy deems necessary:

(i) the Department of Defense;

(ii) the Department of Transportation (including the United States Coast Guard, the Federal Aviation Administration, and the Federal Highway Administration);

(iii) the Department of Commerce;

(iv) the Department of Agriculture; and

(v) the Department of the Interior;

(C) provide a preliminary report to Congress within nine months following February 25, 1978;

(D) include the presentation of a detailed plan for the implementation of solar photovoltaic energy systems for power generation at specific sites in Federal Government agencies to Congress within twelve months following February 25, 1978;

(2) initiate and conduct a study of the options available to the Federal Government to provide for the adequate growth of the solar photovoltaic industry and to include such possible incentives as government funding, loan guarantees, tax incentives, the operation of pilot plants or production lines and other incentives deemed worthy of consideration by the Secretary of Energy. A preliminary report shall be submitted to Congress within six months following February 25, 1978;

(3) initiate and conduct a study involving the prospects for applications of solar photo-