

**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 Repealed.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-

voltaic energy systems for power generation in foreign countries, particularly lesser developed countries, and the potential for the exportation of these energy systems. This study shall involve the cooperation of the Department of State and the Department of Commerce, as well as other Federal agencies which the Secretary of Energy deems appropriate. A final report shall be submitted to the Congress, as well as a preliminary report within twelve months of February 25, 1978; and

(4) be authorized to acquire up to an additional 4.0 megawatts (peak) of solar photovoltaic energy systems. The sum of \$13,000,000 is hereby authorized to be appropriated (in addition to any other amounts authorized by this Act to be appropriated) for the fiscal year ending September 30, 1978, and for delivery in the following twelve months. Such sums shall remain available until expended. The solar photovoltaic energy systems acquired shall be available for use for power generation by Federal agencies, provided that no procurement takes place until their application on Federal sites is determined to be life cycle cost effective.

(b) For technology development, particularly for engineering design and development of the manufacturing process of solar photovoltaic energy systems (primarily for the implementation of automated processes and other cost reducing production technologies), the sum of \$6,000,000 is hereby authorized by this Act to be appropriated for the fiscal year ending September 30, 1978.

(Pub. L. 95-238, title II, §208, Feb. 25, 1978, 92 Stat. 75.)

#### Editorial Notes

##### REFERENCES IN TEXT

This Act, referred to in subsec. (a)(4), means Pub. L. 95-238, Feb. 25, 1978, 92 Stat. 47, known as the Department of Energy Act of 1978—Civilian Applications. For complete classification of this Act to the Code, see Tables.

##### CODIFICATION

Section was enacted as part of the Department of Energy Act of 1978—Civilian Applications, and not as part of the Solar Energy Research, Development, and Demonstration Act of 1974 which formerly comprised this subchapter.

#### Statutory Notes and Related Subsidiaries

##### TRANSFER OF FUNCTIONS

For transfer of authorities, functions, personnel, and assets of the Coast Guard, including the authorities and functions of the Secretary of Transportation relating thereto, to the Department of Homeland Security, and for treatment of related references, see sections 468(b), 551(d), 552(d), and 557 of Title 6, Domestic Security, and the Department of Homeland Security Reorganization Plan of November 25, 2002, as modified, set out as a note under section 542 of Title 6.

NONAPPLICABILITY OF TITLE II OF PUB. L. 95-238 TO ANY AUTHORIZATION OR APPROPRIATION FOR MILITARY APPLICATION OF NUCLEAR ENERGY, ETC.; DEFINITIONS

Nonapplicability of provisions of title II of Pub. L. 95-238 with respect to any authorization or appropriation for any military application of nuclear energy,

etc., see section 209 of Pub. L. 95-238, set out as a note under section 5821 of this title.

#### §§ 5557 to 5566. Repealed. Pub. L. 116-260, div. Z, title III, §3006(e)(1), Dec. 27, 2020, 134 Stat. 2513

Section 5557, Pub. L. 93-473, §8, Oct. 26, 1974, 88 Stat. 1435, related to the Solar Energy Information Data Bank.

Section 5558, Pub. L. 93-473, §9, Oct. 26, 1974, 88 Stat. 1436, related to scientific and technical education programs.

Section 5559, Pub. L. 93-473, §10, Oct. 26, 1974, 88 Stat. 1436, related to the Solar Energy Research Institute and its establishment, functions, and location.

Section 5560, Pub. L. 93-473, §11, Oct. 26, 1974, 88 Stat. 1437, related to international cooperation in solar energy research and programs of education.

Section 5561, Pub. L. 93-473, §12, Oct. 26, 1974, 88 Stat. 1437, related to regulations to carry out this subchapter.

Section 5562, Pub. L. 93-473, §13, Oct. 26, 1974, 88 Stat. 1437; Pub. L. 96-470, title II, §203(c), Oct. 19, 1980, 94 Stat. 2243, related to summary in annual report.

Section 5563, Pub. L. 93-473, §14, Oct. 26, 1974, 88 Stat. 1437, related to project information to congressional committees.

Section 5564, Pub. L. 93-473, §15, Oct. 26, 1974, 88 Stat. 1437, related to comprehensive program definition and its preparation, utilization of and consultation with other agencies, transmittal to the President and Congress, and time of transmittal.

Section 5565, Pub. L. 93-473, §16, Oct. 26, 1974, 88 Stat. 1438, related to transfer of functions.

Section 5566, Pub. L. 93-473, §17, Oct. 26, 1974, 88 Stat. 1438, authorized appropriations to carry out this subchapter.

#### SUBCHAPTER III—SOLAR PHOTOVOLTAIC ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION

#### §§ 5581 to 5594. Repealed. Pub. L. 116-260, div. Z, title III, §3006(f), Dec. 27, 2020, 134 Stat. 2513

Section 5581, Pub. L. 95-590, §2, Nov. 4, 1978, 92 Stat. 2513, related to congressional findings and declaration of policy.

Section 5582, Pub. L. 95-590, §3, Nov. 4, 1978, 92 Stat. 2515, defined terms for this subchapter.

Section 5583, Pub. L. 95-590, §4, Nov. 4, 1978, 92 Stat. 2515, related to establishment and promotion of research, development, and demonstration programs.

Section 5584, Pub. L. 95-590, §5, Nov. 4, 1978, 92 Stat. 2516, related to Federal assistance application procedures including selection of applicants, agreements, financial assistance, observation and monitoring of photovoltaic systems, reports, and projects and activities.

Section 5585, Pub. L. 95-590, §6, Nov. 4, 1978, 92 Stat. 2516, related to contracts, grants, and arrangements.

Section 5586, Pub. L. 95-590, §7, Nov. 4, 1978, 92 Stat. 2517, related to test procedures and performance criteria.

Section 5587, Pub. L. 95-590, §8, Nov. 4, 1978, 92 Stat. 2518, related to supervision of research, development, and demonstration programs.

Section 5588, Pub. L. 95-590, §9, Nov. 4, 1978, 92 Stat. 2518, related to the Solar Photovoltaic Energy Advisory Committee.

Section 5589, Pub. L. 95-590, §10, Nov. 4, 1978, 92 Stat. 2519, related to promotion and facilitation of practical use of photovoltaic energy.

Section 5590, Pub. L. 95-590, §11, Nov. 4, 1978, 92 Stat. 2520; Pub. L. 103-82, title IV, §405(j), Sept. 21, 1993, 107 Stat. 922, related to submittal to congressional committees of plan for demonstrating applications of photovoltaic systems and facilitating use in other nations, including encouragement of international participation and cooperation and coordination and consistency of