§ 8242. Federal solar program

The Secretary, in consultation with the Administrator of the General Services Administration, shall develop and carry out a program to demonstrate the application to buildings of solar heating and solar heating and cooling technology in Federal buildings.

(A) Duties

In exercising the authority provided by section 8242 of this title, the Secretary, in consultation with the Administrator of the General Services Administration, shall—

(1) promulgate, by rule—

(A) requirements under which Federal agencies shall submit proposals for the installation of solar energy equipment in Federal buildings which are under their control and which are selected in accordance with procedures set forth in such rule, and

(B) criteria by which proposals under subparagraph (A) will be evaluated, which criteria shall provide for the inclusion in each proposal of a complete analysis of the present value, as determined by the Secretary, of the costs and benefits of the proposal to the Federal agency, and for the demonstration, to the maximum extent practicable, of innovative and diverse applications to a variety of types of Federal buildings of solar heating and solar heating and cooling technology, and for location of demonstration projects in areas where a private sector market for solar energy equipment is likely to develop;

(2) evaluate in writing each such proposal pursuant to the criteria promulgated pursuant to paragraph (1)(B), and make such evaluation available to the agency and, upon request, to any person;

(3) provide technical and financial assistance by interagency agreement for implementing a proposal evaluated under paragraph (2) and approved by the Secretary; except that such assistance shall be limited to the design, acquisition, construction, and installation of solar energy equipment;

(4) provide, by rule, that Federal agencies report to the Secretary periodically such information as they acquire respecting maintenance and operation of solar energy equipment for which assistance is provided under paragraph (3);

(5) require that a life cycle cost analysis in accordance with part B be done for any Federal building for which a proposal is submitted under this section and the results of such analysis be included in such proposal; and

(6) if solar energy equipment for which assistance is to be provided under paragraph (3) is not the minimum life-cycle cost alternative, require the Federal agency involved to submit a report to the Secretary stating the amount by which the life-cycle cost of such equipment exceeds the minimum life-cycle cost.

(b) Contents of proposals

Proposals under paragraph (1)(A) of subsection (a) of this section shall include a list of the specific Federal buildings proposed to be provided with solar energy equipment, the funds necessary for the acquisition and installation of such equipment, the proposed implementation schedule, maintenance costs, the estimated savings in fossil fuels and electricity, the estimated payback time, and such other information as may be required by the Secretary.

(c) Initial submission of proposals

Under the requirements established under subsection (a)(1)(A) of this section, initial proposals for the installation of solar energy equipment in Federal buildings selected under subsection (a)(1)(A) of this section shall be submitted not later than 180 days after the date of promulgation of the rule under subsection (a)(1) of this section.

(d) Program to disseminate information to Federal procurement and loan officers

In order to more widely disseminate information about the program under this part and under part B and the benefits of renewable energy and energy efficiency technology, the Secretary shall establish a program which includes site visits and technical briefings, to disseminate such information to Federal procurement officers and Federal loan officers. The Secretary shall utilize available funds for the program under this subsection.


AMENDMENTS


§ 8244. Authorization of appropriations

There are authorized to be appropriated to the Secretary through fiscal year ending September 30, 1980, to carry out the purposes of this part not to exceed $100,000,000. Funds so appropriated may be transferred by the Secretary to any Federal agency to the extent necessary to carry out the purposes of section 8243(a)(3) of this title.


PART B—FEDERAL ENERGY MANAGEMENT

§ 8251. Findings

The Congress finds that—

(1) the Federal Government is the largest single energy consumer in the Nation;

(2) the cost of meeting the Federal Government’s energy requirement is substantial;
§ 8252. Purpose

It is the purpose of this part to promote the conservation and the efficient use of energy and water, and the use of renewable energy sources, by the Federal Government.


AMENDMENTS


1988—Pub. L. 100–615 amended section generally, substituting statement of purpose for policy statement declaring it to be United States policy for Federal Government to have the opportunity and responsibility, with participation of industry, to further develop, demonstrate, and promote use of energy conservation, solar heating and cooling, and other renewable energy sources in Federal buildings.

§ 8253. Energy management requirements

(a) Energy performance requirement for Federal buildings

(1) Subject to paragraph (2), each agency shall apply energy conservation measures to, and shall improve the design for the construction of, the Federal buildings of the agency (including each industrial or laboratory facility) so that the energy consumption per gross square foot of the Federal buildings of the agency in fiscal years 2006 through 2015 is reduced, as compared with the energy consumption per gross square foot of the Federal buildings of the agency in fiscal year 2003, by the percentage specified in the following table:

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Percentage Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>2</td>
</tr>
<tr>
<td>2007</td>
<td>4</td>
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<td>2008</td>
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</tr>
<tr>
<td>2014</td>
<td>27</td>
</tr>
<tr>
<td>2015</td>
<td>30</td>
</tr>
</tbody>
</table>

(2) An agency may exclude from the requirements of paragraph (1) any building, and the associated energy consumption and gross square footage, in which energy intensive activities are carried out. Each agency shall identify and list in each report made under section 8258(a) of this title the buildings designated by it for such exclusion.

(3) Not later than December 31, 2014, the Secretary shall review the results of the implementation of the energy performance requirement established under paragraph (1) and submit to Congress recommendations concerning energy performance requirements for fiscal years 2016 through 2025.

(b) Energy management requirement for Federal agencies

(1) Not later than January 1, 2005, each agency shall, to the maximum extent practicable, install in Federal buildings owned by the United