

110TH CONGRESS  
1ST SESSION

# H. R. 84

To establish a program of demonstration and commercial application of advanced energy efficiency technologies and systems for buildings, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

JANUARY 4, 2007

Mrs. BIGGERT introduced the following bill; which was referred to the  
Committee on Science and Technology

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## A BILL

To establish a program of demonstration and commercial application of advanced energy efficiency technologies and systems for buildings, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Energy Efficient  
5 Buildings Act of 2007”.

6 **SEC. 2. ENERGY EFFICIENT BUILDING GRANT PROGRAM.**

7 (a) ENERGY EFFICIENT BUILDING PILOT GRANT  
8 PROGRAM.—

1           (1) IN GENERAL.—Not later than 6 months  
2 after the date of enactment of this Act, the Sec-  
3 retary of Energy (in this Act referred to as the  
4 “Secretary”) shall establish a pilot program to  
5 award grants to businesses and organizations for  
6 new construction of energy efficient buildings, or  
7 major renovations of buildings that will result in en-  
8 ergy efficient buildings, to demonstrate innovative  
9 energy efficiency technologies, especially those spon-  
10 sored by the Department of Energy.

11           (2) AWARDS.—The Secretary shall award  
12 grants under this subsection competitively to those  
13 applicants whose proposals—

14                   (A) best demonstrate—

15                           (i) likelihood to meet or exceed the  
16 standards referred to in subsection (b)(2);

17                           (ii) likelihood to maximize cost-effec-  
18 tive energy efficiency opportunities; and

19                           (iii) advanced energy efficiency tech-  
20 nologies; and

21                   (B) maximize the leverage of private in-  
22 vestment for costs related to increasing the en-  
23 ergy efficiency of the building.

1           (3) CONSIDERATION.—The Secretary shall give  
2           due consideration to proposals for buildings that are  
3           likely to serve low and moderate income populations.

4           (4) AMOUNT OF GRANTS.—Grants under this  
5           subsection shall be for up to 50 percent of design  
6           and energy modeling costs, not to exceed \$50,000  
7           per building. No single grantee may be eligible for  
8           more than 3 grants per year under this program.

9           (5) GRANT PAYMENTS.—

10           (A) INITIAL PAYMENT.—The Secretary  
11           shall pay 50 percent of the total amount of the  
12           grant to grant recipients upon selection.

13           (B) REMAINDER OF PAYMENT.—The Sec-  
14           retary shall pay the remaining 50 percent of the  
15           grant only after independent certification, by a  
16           professional engineer or other qualified profes-  
17           sional, that operational buildings are energy ef-  
18           ficient buildings as defined in subsection (b).

19           (C) FAILURE TO COMPLY.—The Secretary  
20           shall not provide the remainder of the payment  
21           unless the building is certified within 6 months  
22           after operation of the completed building to  
23           meet the requirements described in subpara-  
24           graph (B), or in the case of major renovations

1 the building is certified within 6 months of the  
2 completion of the renovations.

3 (6) REPORT TO CONGRESS.—Not later than 3  
4 years after awarding the first grant under this sub-  
5 section, the Secretary shall transmit to Congress a  
6 report containing—

7 (A) the total number and dollar amount of  
8 grants awarded under this subsection; and

9 (B) an estimate of aggregate cost and en-  
10 ergy savings enabled by the pilot program  
11 under this subsection.

12 (7) ADMINISTRATIVE EXPENSES.—Administra-  
13 tive expenses for the program under this subsection  
14 shall not exceed 10 percent of appropriated funds.

15 (b) DEFINITION OF ENERGY EFFICIENT BUILD-  
16 ING.—For purposes of this section the term “energy effi-  
17 cient building” means a building that—

18 (1) achieves a reduction in energy consumption  
19 of—

20 (A) at least 30 percent for new construc-  
21 tion, compared to the energy standards set by  
22 the 2004 International Energy Conservation  
23 Code (in the case of residential buildings) or  
24 ASHRAE Standard 90.1–2004; or

1 (B) at least 20 percent for major renova-  
2 tions, compared to energy consumption before  
3 renovations are begun;

4 (2) is constructed or renovated in accordance  
5 with the most current, appropriate, and applicable  
6 voluntary consensus standards, as determined by the  
7 Secretary, such as those listed in the assessment  
8 under section 914(b), or revised or developed under  
9 section 914(c), of the Energy Policy Act of 2005;  
10 and

11 (3) after construction or renovation—

12 (A) uses heating, ventilating, and air con-  
13 ditioning systems that perform at no less than  
14 Energy Star standards; or

15 (B) if Energy Star standards are not ap-  
16 plicable, uses Federal Energy Management Pro-  
17 gram recommended heating, ventilating, and air  
18 conditioning products.

19 (c) AUTHORIZATION OF APPROPRIATIONS.—There  
20 are authorized to be appropriated to the Secretary for car-  
21 rying out this section \$10,000,000 for each of the fiscal  
22 years 2008 through 2012.

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