

110TH CONGRESS  
1ST SESSION

# H. R. 1768

To provide for the demonstration and commercial application of innovative energy technologies derived from federally-sponsored research and development programs, by incorporating those technologies into Federal buildings and associated facilities, and for other purposes.

---

## IN THE HOUSE OF REPRESENTATIVES

MARCH 29, 2007

Mr. GORDON of Tennessee introduced the following bill; which was referred to the Committee on Science and Technology

---

## A BILL

To provide for the demonstration and commercial application of innovative energy technologies derived from federally-sponsored research and development programs, by incorporating those technologies into Federal buildings and associated facilities, 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 “Federal Stimulus of  
5 Commercial Application of Energy Technology Act of  
6 2007”.

1 **SEC. 2. DEFINITIONS.**

2 For purposes of this Act:

3 (1) DEPARTMENT.—The term “Department”  
4 means the Department of Energy.

5 (2) FUND.—The term “Fund” means the Inno-  
6 vative Energy Technologies Fund for Federal Build-  
7 ings established in section 3.

8 (3) INNOVATIVE ENERGY TECHNOLOGY.—The  
9 term “innovative energy technology” means a tech-  
10 nology, including an advanced energy conservation  
11 or renewable energy technology, that was developed,  
12 in whole or in part, with the support of the Depart-  
13 ment.

14 (4) INNOVATIVE ENERGY TECHNOLOGY  
15 PROJECT.—The term “innovative energy technology  
16 project” means a project that—

17 (A) results in the commercial application  
18 of an innovative energy technology; and

19 (B) assists a Federal agency in meeting or  
20 exceeding all Federal energy efficiency require-  
21 ments then in effect, including applicable Exec-  
22 utive orders such as Executive Order No.  
23 13423.

24 (5) SECRETARY.—The term “Secretary” means  
25 the Secretary of Energy.

1 **SEC. 3. ESTABLISHMENT OF FUND.**

2 (a) IN GENERAL.—Not later than 6 months after the  
3 date of enactment of this Act, the Secretary of Energy  
4 shall establish the Innovative Energy Technologies Fund  
5 for Federal Buildings. The Secretary of Energy shall ad-  
6 minister the Fund to enable Federal agencies to dem-  
7 onstrate innovative energy technologies for retrofit or new  
8 construction of Federal buildings and facilities.

9 (b) CRITERIA AND GUIDELINES.—Not later than 6  
10 months after the date of enactment of this Act, the Sec-  
11 retary shall establish criteria and guidelines for Federal  
12 agencies to borrow from and pay back to the Fund.

13 **SEC. 4. LOANS FROM THE FUND.**

14 (a) GENERAL PROCEDURE.—Federal agencies may  
15 apply to the Secretary for a loan for financing the dem-  
16 onstration of innovative energy technology projects, and  
17 shall repay the Fund from savings in energy and other  
18 costs attributable to actions taken as a result of the dem-  
19 onstration project undertaken with the loan.

20 (b) PURPOSES OF LOAN.—In addition to financing  
21 an innovative energy technology project, a Federal agency  
22 may use the loan amount to pay the costs of administra-  
23 tion and the development of proposals for subsequent  
24 projects to further develop the technology (including data  
25 collection and energy surveys), and to acquire and operate

1 equipment necessary to monitor and verify associated en-  
2 ergy savings.

3 (c) REPAYMENTS.—A Federal agency shall repay to  
4 the Fund the principal amount of the loan and fees deter-  
5 mined by the Secretary to cover costs of administering the  
6 loan. The repayment period shall be 15 years, or less as  
7 appropriate to the project.

8 **SEC. 5. REPORTS AND AUDITS.**

9 (a) REPORTS TO THE SECRETARY.—Not later than  
10 1 year after a Federal agency implements its first innova-  
11 tive energy technology project for which a loan is provided  
12 under this Act, and each year thereafter until the date  
13 that final repayment of all loans provided to that agency  
14 under this Act is due, the Federal agency shall transmit  
15 to the Secretary an annual report that—

16 (1) states whether projects meet or fail to meet  
17 the energy savings projections for the projects based  
18 on measured savings;

19 (2) for each project that fails to meet the en-  
20 ergy savings projections, states the reasons for fail-  
21 ure and describes proposed remedies; and

22 (3) for each project that meets the energy sav-  
23 ings projections, proposes expanded demonstrations  
24 of the innovative energy technology demonstrated  
25 with the loan funds.

1 (b) AUDITS.—The Secretary may audit any innova-  
2 tive energy technology project financed with a loan from  
3 the Fund to assess the project’s performance.

4 (c) REPORTS TO CONGRESS.—At the end of each fis-  
5 cal year, the Secretary shall transmit to Congress a report  
6 on the operations of the Fund, including a statement of  
7 the total receipts into the Fund, the total expenditures  
8 from the Fund to each Federal agency, and examples of  
9 project successes and failures in meeting energy savings  
10 projections.

11 **SEC. 6. AUTHORIZATION OF APPROPRIATIONS.**

12 (a) ESTABLISHMENT OF FUND.—There are author-  
13 ized to be appropriated to the Secretary for the establish-  
14 ment of the Fund, \$100,000,000 for each of the fiscal  
15 years 2008 through 2017.

16 (b) OPERATION OF FUND.—There are authorized to  
17 be appropriated to the Secretary from the Fund, for car-  
18 rying out the loan program under this Act, such sums as  
19 may be necessary.

○