

109TH CONGRESS
2D SESSION

H. R. 5659

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 for other purposes.

IN THE HOUSE OF REPRESENTATIVES

JUNE 21, 2006

Mr. GORDON introduced the following bill; which was referred to the
Committee on Science

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 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 2006”.

1 **SEC. 2. DEFINITIONS.**

2 For purposes of this Act:

3 (1) **COST-EFFECTIVE.**—The term “cost-effec-
4 tive” means resulting in a simple payback of costs
5 in 10 years or less.

6 (2) **DEPARTMENT.**—The term “Department”
7 means the Department of Energy.

8 (3) **FUND.**—The term “Fund” means the Inno-
9 vative Energy Technologies Fund for Federal Build-
10 ings established in section 3.

11 (4) **INNOVATIVE ENERGY TECHNOLOGY.**—The
12 term “innovative energy technology” means a tech-
13 nology, including an advanced energy conservation
14 or renewable energy technology, that was developed
15 with the support of the Department, or other similar
16 technology.

17 (5) **INNOVATIVE ENERGY TECHNOLOGY**
18 **PROJECT.**—The term “innovative energy technology
19 project” means a project that—

20 (A) results in the cost-effective commercial
21 application of an innovative energy technology;
22 and

23 (B) assists a Federal agency in meeting or
24 exceeding all Federal energy efficiency require-
25 ments then in effect, including applicable Exec-

1 utive orders such as Executive Order Nos.
2 12759 and 13123.

3 (6) SECRETARY.—The term “Secretary” means
4 the Secretary of Energy.

5 **SEC. 3. ESTABLISHMENT OF FUND.**

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

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

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

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

24 (b) PURPOSES OF LOAN.—In addition to financing
25 an innovative energy technology project, a Federal agency

1 may use the loan amount to pay the costs of administra-
2 tion and proposal development (including data collection
3 and energy surveys), and to acquire and operate equip-
4 ment necessary to monitor and verify associated energy
5 savings.

6 (c) REPAYMENTS.—A Federal agency shall repay to
7 the Fund the principal amount of the loan, plus interest
8 at a rate determined by the Secretary. The repayment pe-
9 riod shall be 15 years, or less as appropriate to the project.

10 **SEC. 5. REPORTS AND AUDITS.**

11 (a) REPORTS TO THE SECRETARY.—Not later than
12 1 year after the installation of an innovative energy tech-
13 nology project for which a loan is provided under this Act
14 in an amount greater than \$1,000,000, and each year
15 thereafter until the date that final repayment of the loan
16 is due, the Federal agency receiving the loan shall trans-
17 mit to the Secretary a report that—

18 (1) states whether the project meets or fails to
19 meet the energy savings projections for the project;
20 and

21 (2) for each project that fails to meet the en-
22 ergy savings projections, states the reasons for the
23 failure and describes proposed remedies.

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, and the total expenditures
8 from the Fund to each Federal agency.

9 **SEC. 6. AUTHORIZATION OF APPROPRIATIONS.**

10 (a) ESTABLISHMENT OF FUND.—There are author-
11 ized to be appropriated to the Secretary for the establish-
12 ment of the Fund, \$100,000,000 for each of the fiscal
13 years 2007 through 2016.

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

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