

110TH CONGRESS
1ST SESSION

H. R. 1716

IN THE SENATE OF THE UNITED STATES

JUNE 7, 2007

Received; read twice and referred to the Committee on Energy and Natural
Resources

AN ACT

To authorize higher education curriculum development and
graduate training in advanced energy and green building
technologies.

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

1 **SECTION 1. SHORT TITLE.**

2 This Act may be cited as the “Green Energy Edu-
3 cation Act of 2007”.

4 **SEC. 2. DEFINITION.**

5 For the purposes of this Act:

6 (1) DIRECTOR.—The term “Director” means
7 the Director of the National Science Foundation.

8 (2) HIGH PERFORMANCE BUILDING.—The term
9 “high performance building” has the meaning given
10 that term in section 914(a) of the Energy Policy Act
11 of 2005 (42 U.S.C. 16194(a)).

12 (3) SECRETARY.—The term “Secretary” means
13 the Secretary of Energy.

14 **SEC. 3. GRADUATE TRAINING IN ENERGY RESEARCH AND
15 DEVELOPMENT.**

16 (a) FUNDING.—In carrying out research, develop-
17 ment, demonstration, and commercial application activi-
18 ties authorized for the Department of Energy, the Sec-
19 retary may contribute funds to the National Science Foun-
20 dation for the Integrative Graduate Education and Re-
21 search Traineeship program to support projects that en-
22 able graduate education related to such activities.

23 (b) CONSULTATION.—The Director shall consult with
24 the Secretary when preparing solicitations and awarding
25 grants for projects described in subsection (a).

1 **SEC. 4. CURRICULUM DEVELOPMENT FOR HIGH PERFORM-**2 **ANCE BUILDING DESIGN.**

3 (a) **FUNDING.**—In carrying out advanced energy
4 technology research, development, demonstration, and
5 commercial application activities authorized for the De-
6 partment of Energy related to high performance buildings,
7 the Secretary may contribute funds to curriculum develop-
8 ment activities at the National Science Foundation for the
9 purpose of improving undergraduate or graduate inter-
10 disciplinary engineering and architecture education related
11 to the design and construction of high performance build-
12 ings, including development of curricula, of laboratory ac-
13 tivities, of training practicums, or of design projects. A
14 primary goal of curriculum development activities sup-
15 ported under this section shall be to improve the ability
16 of engineers, architects, landscape architects, and planners
17 to work together on the incorporation of advanced energy
18 technologies during the design and construction of high
19 performance buildings.

20 (b) **CONSULTATION.**—The Director shall consult with
21 the Secretary when preparing solicitations and awarding
22 grants for projects described in subsection (a).

23 (c) **PRIORITY.**—In awarding grants with respect to
24 which the Secretary has contributed funds under this sec-
25 tion, the Director shall give priority to applications from
26 departments, programs, or centers of a school of engineer-

1 ing that are partnered with schools, departments, or pro-
2 grams of design, architecture, and city, regional, or urban
3 planning.

Passed the House of Representatives June 6, 2007.

Attest: LORRAINE C. MILLER,
Clerk.

By DEBORAH M. SPRIGGS,
Deputy Clerk.