

111TH CONGRESS  
1ST SESSION

# H. R. 957

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IN THE SENATE OF THE UNITED STATES

APRIL 23, 2009

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

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## 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 2009”.

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, landscape architecture, and
- 3 city, regional, or urban planning.

Passed the House of Representatives April 22, 2009.

Attest:                      LORRAINE C. MILLER,  
*Clerk.*