

110TH CONGRESS
1ST SESSION

H. R. 85

To provide for the establishment of centers to encourage demonstration and commercial application of advanced energy methods and technologies.

IN THE HOUSE OF REPRESENTATIVES

JANUARY 4, 2007

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

A BILL

To provide for the establishment of centers to encourage demonstration and commercial application of advanced energy methods and technologies.

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 Technology
5 Transfer Act”.

6 **SEC. 2. ENERGY TECHNOLOGY TRANSFER.**

7 Section 917 of the Energy Policy Act of 2005 (42
8 U.S.C. 16197) is amended to read as follows:

1 **“SEC. 917. ADVANCED ENERGY TECHNOLOGY TRANSFER**
2 **CENTERS.**

3 “(a) GRANTS.—Not later than 18 months after the
4 date of enactment of the Energy Technology Transfer Act,
5 the Secretary shall make grants to nonprofit institutions,
6 State and local governments, cooperative extension serv-
7 ices, or universities (or consortia thereof), to establish a
8 geographically dispersed network of Advanced Energy
9 Technology Transfer Centers, to be located in areas the
10 Secretary determines have the greatest need of the serv-
11 ices of such Centers. In establishing the network, the Sec-
12 retary shall consider the special needs and opportunities
13 for increased energy efficiency for manufactured and site-
14 built housing, including construction, renovation, and ret-
15 rofit. In making awards under this section, the Secretary
16 shall—

17 “(1) give priority to applicants already oper-
18 ating or partnered with an outreach program capa-
19 ble of transferring knowledge and information about
20 advanced energy efficiency methods and tech-
21 nologies;

22 “(2) ensure that, to the extent practicable, the
23 program enables the transfer of knowledge and in-
24 formation—

25 “(A) about a variety of technologies and

26 “(B) in a variety of geographic areas; and

1 “(3) give preference to applicants that would
2 significantly expand on or fill a gap in existing pro-
3 grams in a geographical region.

4 “(b) ACTIVITIES.—Each Center shall operate a pro-
5 gram to encourage demonstration and commercial applica-
6 tion of advanced energy methods and technologies through
7 education and outreach to building and industrial profes-
8 sionals, and to other individuals and organizations with
9 an interest in efficient energy use. Funds awarded under
10 this section may be used for the following activities:

11 “(1) Developing and distributing informational
12 materials on technologies that could use energy more
13 efficiently.

14 “(2) Carrying out demonstrations of advanced
15 energy methods and technologies.

16 “(3) Developing and conducting seminars,
17 workshops, long-distance learning sessions, and
18 other activities to aid in the dissemination of knowl-
19 edge and information on technologies that could use
20 energy more efficiently.

21 “(4) Providing or coordinating onsite energy
22 evaluations, including instruction on the commis-
23 sioning of building heating and cooling systems, for
24 a wide range of energy end-users.

1 “(5) Examining the energy efficiency needs of
2 energy end-users to develop recommended research
3 projects for the Department.

4 “(6) Hiring experts in energy efficient tech-
5 nologies to carry out activities described in para-
6 graphs (1) through (5).

7 “(c) APPLICATION.—A person seeking a grant under
8 this section shall submit to the Secretary an application
9 in such form and containing such information as the Sec-
10 retary may require. The Secretary may award a grant
11 under this section to an entity already in existence if the
12 entity is otherwise eligible under this section. The applica-
13 tion shall include, at a minimum—

14 “(1) a description of the applicant’s outreach
15 program, and the geographic region it would serve,
16 and of why the program would be capable of trans-
17 ferring knowledge and information about advanced
18 energy technologies that increase efficiency of energy
19 use;

20 “(2) a description of the activities the applicant
21 would carry out, of the technologies that would be
22 transferred, and of any other organizations that will
23 help facilitate a regional approach to carrying out
24 those activities;

1 “(3) a description of how the proposed activities
2 would be appropriate to the specific energy needs of
3 the geographic region to be served;

4 “(4) an estimate of the number and types of
5 energy end-users expected to be reached through
6 such activities; and

7 “(5) a description of how the applicant will as-
8 sess the success of the program.

9 “(d) SELECTION CRITERIA.—The Secretary shall
10 award grants under this section on the basis of the fol-
11 lowing criteria, at a minimum:

12 “(1) The ability of the applicant to carry out
13 the proposed activities.

14 “(2) The extent to which the applicant will co-
15 ordinate the activities of the Center with other enti-
16 ties as appropriate, such as State and local govern-
17 ments, utilities, universities, and National Labora-
18 tories.

19 “(3) The appropriateness of the applicant’s out-
20 reach program for carrying out the program de-
21 scribed in this section.

22 “(4) The likelihood that proposed activities
23 could be expanded or used as a model for other
24 areas.

1 “(e) COST-SHARING.—In carrying out this section,
2 the Secretary shall require cost-sharing in accordance with
3 the requirements of section 988 for commercial application
4 activities.

5 “(f) DURATION.—

6 “(1) INITIAL GRANT PERIOD.—A grant awarded
7 under this section shall be for a period of 5 years.

8 “(2) INITIAL EVALUATION.—Each grantee
9 under this section shall be evaluated during its third
10 year of operation under procedures established by
11 the Secretary to determine if the grantee is accom-
12 plishing the purposes of this section described in
13 subsection (a). The Secretary shall terminate any
14 grant that does not receive a positive evaluation. If
15 an evaluation is positive, the Secretary may extend
16 the grant for 3 additional years beyond the original
17 term of the grant.

18 “(3) ADDITIONAL EXTENSION.—If a grantee re-
19 ceives an extension under paragraph (2), the grantee
20 shall be evaluated again during the second year of
21 the extension. The Secretary shall terminate any
22 grant that does not receive a positive evaluation. If
23 an evaluation is positive, the Secretary may extend
24 the grant for a final additional period of 3 additional
25 years beyond the original extension.

1 “(4) LIMITATION.—No grantee may receive
2 more than 11 years of support under this section
3 without reapplying for support and competing
4 against all other applicants seeking a grant at that
5 time.

6 “(g) PROHIBITION.—None of the funds awarded
7 under this section may be used for the construction of fa-
8 cilities.

9 “(h) DEFINITIONS.—For purposes of this section:

10 “(1) ADVANCED ENERGY METHODS AND TECH-
11 NOLOGIES.—The term ‘advanced energy methods
12 and technologies’ means all methods and tech-
13 nologies that promote energy efficiency and con-
14 servation, including distributed generation tech-
15 nologies, and life-cycle analysis of energy use.

16 “(2) CENTER.—The term ‘Center’ means an
17 Advanced Energy Technology Transfer Center estab-
18 lished pursuant to this section.

19 “(3) DISTRIBUTED GENERATION.—The term
20 ‘distributed generation’ means an electric power gen-
21 eration technology, including photovoltaic, small
22 wind and micro-combined heat and power, that is
23 designed to serve retail electric consumers on-site.

24 “(4) COOPERATIVE EXTENSION.—The term
25 ‘Cooperative Extension’ means the extension services

1 established at the land-grant colleges and univer-
2 sities under the Smith-Lever Act of May 8, 1914.

3 “(5) LAND-GRANT COLLEGES AND UNIVER-
4 SITIES.—The term ‘land-grant colleges and univer-
5 sities’ means—

6 “(A) 1862 Institutions (as defined in sec-
7 tion 2 of the Agricultural Research, Extension,
8 and Education Reform Act of 1998 (7 U.S.C.
9 7601));

10 “(B) 1890 Institutions (as defined in sec-
11 tion 2 of that Act); and

12 “(C) 1994 Institutions (as defined in sec-
13 tion 2 of that Act).

14 “(i) AUTHORIZATION OF APPROPRIATIONS.—In addi-
15 tion to amounts otherwise authorized to be appropriated
16 in section 911, there are authorized to be appropriated
17 for the program under this section such sums as may be
18 appropriated.”.

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