

Union Calendar No. 14110TH CONGRESS
1ST SESSION**H. R. 85****[Report No. 110-38]**

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

MARCH 8, 2007

Additional sponsor: Mr. MILLER of North Carolina

MARCH 8, 2007

Reported with an amendment, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed

[Strike out all after the enacting clause and insert the part printed in italics]

[For text of introduced bill, see copy of bill as introduced on January 4, 2007]

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,*

1 **SECTION 1. SHORT TITLE.**

2 *This Act may be cited as the “Energy Technology*
 3 *Transfer Act”.*

4 **SEC. 2. ENERGY TECHNOLOGY TRANSFER.**

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

7 **“SEC. 917. ADVANCED ENERGY TECHNOLOGY TRANSFER**
 8 **CENTERS.**

9 *“(a) GRANTS.—Not later than 18 months after the date*
 10 *of enactment of the Energy Technology Transfer Act, the*
 11 *Secretary shall make grants to nonprofit institutions, State*
 12 *and local governments, cooperative extension services, or in-*
 13 *stitutions of higher education (or consortia thereof), to es-*
 14 *tablish a geographically dispersed network of Advanced En-*
 15 *ergy Technology Transfer Centers, to be located in areas the*
 16 *Secretary determines have the greatest need of the services*
 17 *of such Centers. In making awards under this section, the*
 18 *Secretary shall—*

19 *“(1) give priority to applicants already oper-*
 20 *ating or partnered with an outreach program capable*
 21 *of transferring knowledge and information about ad-*
 22 *vanced energy efficiency methods and technologies;*

23 *“(2) ensure that, to the extent practicable, the*
 24 *program enables the transfer of knowledge and infor-*
 25 *mation—*

26 *“(A) about a variety of technologies and*

1 “(B) in a variety of geographic areas;

2 “(3) give preference to applicants that would sig-
3 nificantly expand on or fill a gap in existing pro-
4 grams in a geographical region; and

5 “(4) consider the special needs and opportunities
6 for increased energy efficiency for manufactured and
7 site-built housing, including construction, renovation,
8 and retrofit.

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

16 “(1) Developing and distributing informational
17 materials on technologies that could use energy more
18 efficiently.

19 “(2) Carrying out demonstrations of advanced
20 energy methods and technologies.

21 “(3) Developing and conducting seminars, work-
22 shops, long-distance learning sessions, and other ac-
23 tivities to aid in the dissemination of knowledge and
24 information on technologies that could use energy
25 more efficiently.

1 “(4) *Providing or coordinating onsite energy*
2 *evaluations, including instruction on the commis-*
3 *sioning of building heating and cooling systems, for*
4 *a wide range of energy end-users.*

5 “(5) *Examining the energy efficiency needs of*
6 *energy end-users to develop recommended research*
7 *projects for the Department.*

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

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

18 “(1) *a description of the applicant’s outreach*
19 *program, and the geographic region it would serve,*
20 *and of why the program would be capable of transfer-*
21 *ring knowledge and information about advanced en-*
22 *ergy technologies that increase efficiency of energy*
23 *use;*

24 “(2) *a description of the activities the applicant*
25 *would carry out, of the technologies that would be*

1 *transferred, and of any other organizations that will*
2 *help facilitate a regional approach to carrying out*
3 *those activities;*

4 “(3) *a description of how the proposed activities*
5 *would be appropriate to the specific energy needs of*
6 *the geographic region to be served;*

7 “(4) *an estimate of the number and types of en-*
8 *ergy end-users expected to be reached through such ac-*
9 *tivities; and*

10 “(5) *a description of how the applicant will as-*
11 *sess the success of the program.*

12 “(d) *SELECTION CRITERIA.—The Secretary shall*
13 *award grants under this section on the basis of the following*
14 *criteria, at a minimum:*

15 “(1) *The ability of the applicant to carry out the*
16 *proposed activities.*

17 “(2) *The extent to which the applicant will co-*
18 *ordinate the activities of the Center with other entities*
19 *as appropriate, such as State and local governments,*
20 *utilities, institutions of higher education, and Na-*
21 *tional Laboratories.*

22 “(3) *The appropriateness of the applicant’s out-*
23 *reach program for carrying out the program described*
24 *in this section.*

1 “(4) *The likelihood that proposed activities could*
2 *be expanded or used as a model for other areas.*

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

7 “(f) *DURATION.—*

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

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

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

1 *for a final additional period of 3 additional years be-*
2 *yond the original extension.*

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

7 “(g) *PROHIBITION.*—*None of the funds awarded under*
8 *this section may be used for the construction of facilities.*

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

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

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

19 “(3) *DISTRIBUTED GENERATION.*—*The term ‘dis-*
20 *tributed generation’ means an electric power genera-*
21 *tion technology, including photovoltaic, small wind,*
22 *and micro-combined heat and power, that serves elec-*
23 *tric consumers at or near the site of production.*

24 “(4) *COOPERATIVE EXTENSION.*—*The term ‘Co-*
25 *operative Extension’ means the extension services es-*

1 *tablished at the land-grant colleges and universities*
2 *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 in*
16 *section 911, there are authorized to be appropriated for the*
17 *program under this section such sums as may be appro-*
18 *priated.”.*

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