

Calendar No. 360

110TH CONGRESS
1ST SESSION**H. R. 85****[Report No. 110–162]**

IN THE SENATE OF THE UNITED STATES

MARCH 13, 2007

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

SEPTEMBER 17, 2007

Reported by Mr. BINGAMAN, without amendment

AN ACT

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”.

1 **SEC. 2. ENERGY TECHNOLOGY TRANSFER.**

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

4 **“SEC. 917. ADVANCED ENERGY TECHNOLOGY TRANSFER**
5 **CENTERS.**

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

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

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

24 “(A) about a variety of technologies; and

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

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; and

4 “(4) consider the special needs and opportuni-
5 ties for increased energy efficiency for manufactured
6 and site-built housing, including construction, ren-
7 ovation, and retrofit.

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

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

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

20 “(3) Developing and conducting seminars,
21 workshops, long-distance learning sessions, and
22 other activities to aid in the dissemination of knowl-
23 edge and information on technologies that could use
24 energy 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 trans-
21 ferring knowledge and information about advanced
22 energy 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
8 energy end-users expected to be reached through
9 such activities; 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 fol-
14 lowing criteria, at a minimum:

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

17 “(2) The extent to which the applicant will co-
18 ordinate the activities of the Center with other enti-
19 ties as appropriate, such as State and local govern-
20 ments, utilities, institutions of higher education, and
21 National Laboratories.

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

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

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

8 “(f) DURATION.—

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

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

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

1 an evaluation is positive, the Secretary may extend
2 the grant for a final additional period of 3 additional
3 years beyond the original extension.

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

9 “(g) PROHIBITION.—None of the funds awarded
10 under this section may be used for the construction of fa-
11 cilities.

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

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

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

22 “(3) DISTRIBUTED GENERATION.—The term
23 ‘distributed generation’ means an electric power gen-
24 eration technology, including photovoltaic, small
25 wind, and micro-combined heat and power, that

1 serves electric consumers at or near the site of pro-
2 duction.

3 “(4) COOPERATIVE EXTENSION.—The term
4 ‘Cooperative Extension’ means the extension services
5 established at the land-grant colleges and univer-
6 sities under the Smith-Lever Act of May 8, 1914.

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

10 “(A) 1862 Institutions (as defined in sec-
11 tion 2 of the Agricultural Research, Extension,
12 and Education Reform Act of 1998 (7 U.S.C.
13 7601));

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

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

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

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