

**AMENDMENT**

**OFFERED BY MS. BALDWIN OF WISCONSIN**

In subtitle H of title I, strike the subtitle heading and insert the following:

1                                   **Subtitle H—Centers**

At the end of subtitle H of title I, add the following:

2   **SEC. 172. BUILDING ASSESSMENT CENTERS.**

3           (a) IN GENERAL.—The Secretary of Energy (in this  
4 section referred to as the “Secretary”) shall provide fund-  
5 ing to institutions of higher education for Building Assess-  
6 ment Centers to—

7           (1) identify opportunities for optimizing energy  
8 efficiency and environmental performance in existing  
9 buildings;

10          (2) promote high-efficiency building construc-  
11 tion techniques and materials options;

12          (3) promote applications of emerging concepts  
13 and technologies in commercial and institutional  
14 buildings;

15          (4) train engineers, architects, building sci-  
16 entists, and building technicians in energy-efficient  
17 design and operation;

1           (5) assist local community colleges, trade  
2           schools, registered apprenticeship programs and  
3           other accredited training programs in training build-  
4           ing technicians;

5           (6) promote research and development for the  
6           use of alternative energy sources to supply heat and  
7           power, for buildings, particularly energy-intensive  
8           buildings; and

9           (7) coordinate with and assist State-accredited  
10          technical training centers and community colleges,  
11          while ensuring appropriate services to all regions of  
12          the United States.

13          (b) COORDINATION WITH REGIONAL CENTERS FOR  
14          ENERGY AND ENVIRONMENTAL KNOWLEDGE AND OUT-  
15          REACH.—A Building Assessment Center may serve as a  
16          Center for Energy and Environmental Knowledge and  
17          Outreach established pursuant to section 173.

18          (c) COORDINATION AND DUPLICATION.—The Sec-  
19          retary shall coordinate efforts under this section with  
20          other programs of the Department of Energy and other  
21          Federal agencies to avoid duplication of effort.

22          (d) AUTHORIZATION OF APPROPRIATIONS.—There  
23          are authorized to be appropriated to the Secretary to carry  
24          out this section \$50,000,000 for fiscal year 2010 and each  
25          fiscal year thereafter.

1 **SEC. 173. CENTERS FOR ENERGY AND ENVIRONMENTAL**  
2 **KNOWLEDGE AND OUTREACH.**

3 (a) **REGIONAL CENTERS FOR ENERGY AND ENVI-**  
4 **RONMENTAL KNOWLEDGE AND OUTREACH.—**

5 (1) **ESTABLISHMENT.—**The Secretary shall es-  
6 tablish not more than 10 regional Centers for En-  
7 ergy and Environmental Knowledge and Outreach at  
8 institutions of higher education to coordinate with  
9 and advise industrial research and assessment cen-  
10 ters, Building Assessment Centers, and Clean En-  
11 ergy Application Centers located in the region of  
12 such Center for Energy and Environmental Knowl-  
13 edge and Outreach.

14 (2) **TECHNICAL ASSISTANCE PROGRAMS.—**Each  
15 Center for Energy and Environmental Knowledge  
16 and Outreach shall consist of at least one, new or  
17 existing, high performing, of the following:

18 (A) An industrial research and assessment  
19 center.

20 (B) A Clean Energy Application Center.

21 (C) A Building Assessment Center.

22 (3) **SELECTION CRITERIA.—**The Secretary shall  
23 select Centers for Energy and Environmental  
24 Knowledge and Outreach through a competitive  
25 process, based on the following:

1 (A) Identification of the highest per-  
2 forming industrial research and assessment cen-  
3 ters, Clean Energy Application Centers, and  
4 Building Assessment Centers.

5 (B) The degree to which an institution of  
6 higher education maintains credibility among  
7 regional private sector organizations such as  
8 trade associations, engineering associations, and  
9 environmental organizations.

10 (C) The degree to which an institution of  
11 higher education is providing or has provided  
12 technical assistance, academic leadership, and  
13 market leadership in the energy arena in a  
14 manner that is consistent with the areas of  
15 focus of industrial research and assessment cen-  
16 ters, Clean Energy Application Centers, and  
17 Building Assessment Centers.

18 (D) The presence of an additional indus-  
19 trial research and assessment center, Clean En-  
20 ergy Application Center, or Building Assess-  
21 ment Center at the institution of higher edu-  
22 cation.

23 (4) GEOGRAPHIC DIVERSITY.—In selecting Cen-  
24 ters for Energy and Environmental Knowledge and  
25 Outreach under this subsection, the Secretary shall

1 ensure such Centers are distributed geographically  
2 in a relatively uniform manner to ensure all regions  
3 of the Nation are represented.

4 (5) REGIONAL LEADERSHIP.—Each Center for  
5 Energy and Environmental Knowledge and Outreach  
6 shall, to the extent possible, provide leadership to all  
7 other industrial research and assessment centers,  
8 Clean Energy Application Centers, and Building As-  
9 sessment Centers located in the Center’s geographic  
10 region, as determined by the Secretary. Such leader-  
11 ship shall include—

12 (A) developing regional goals specific to  
13 the purview of the industrial research and as-  
14 sessment centers, Clean Energy Application  
15 Centers, and Building Assessment Centers pro-  
16 grams;

17 (B) developing regionally specific technical  
18 resources; and

19 (C) outreach to interested parties in the  
20 region to inform them of the information, re-  
21 sources, and services available through the asso-  
22 ciated industrial research and assessment cen-  
23 ters, Clean Energy Application Centers, and  
24 Building Assessment Centers.

1           (6) FURTHER COORDINATION.—To increase the  
2 value and capabilities of the regionally associated in-  
3 dustrial research and assessment centers, Clean En-  
4 ergy Application Centers, and Building Assessment  
5 Centers programs, Centers for Energy and Environ-  
6 mental Knowledge and Outreach shall—

7           (A) coordinate with Manufacturing Exten-  
8 sion Partnership Centers of the National Insti-  
9 tute of Science and Technology;

10          (B) coordinate with the relevant programs  
11 in the Department of Energy, including the  
12 Building Technology Program and Industrial  
13 Technologies Program;

14          (C) increase partnerships with the Na-  
15 tional Laboratories of the Department of En-  
16 ergy to leverage the expertise and technologies  
17 of the National Laboratories to achieve the  
18 goals of the industrial research and assessment  
19 centers, Clean Energy Application Centers, and  
20 Building Assessment Centers;

21          (D) work with relevant municipal, county,  
22 and State economic development entities to le-  
23 verage relevant financial incentives for capital  
24 investment and other policy tools for the protec-  
25 tion and growth of local business and industry;

1 (E) partner with local professional and pri-  
2 vate trade associations and business develop-  
3 ment interests to leverage existing knowledge of  
4 local business challenges and opportunities;

5 (F) work with energy utilities and other  
6 administrators of publicly funded energy pro-  
7 grams to leverage existing energy efficiency and  
8 clean energy programs;

9 (G) identify opportunities for reducing  
10 greenhouse gas emissions; and

11 (H) promote sustainable business practices  
12 for those served by the industrial research and  
13 assessment centers, Clean Energy Application  
14 Centers, and Building Assessment Centers.

15 (7) WORKFORCE TRAINING.—

16 (A) IN GENERAL.—The Secretary shall re-  
17 quire each Center for Energy and Environ-  
18 mental Knowledge and Outreach to establish or  
19 maintain an internship program for the region  
20 of such Center, designed to encourage students  
21 who perform energy assessments to continue  
22 working with a particular company, building, or  
23 facility to help implement the recommendations  
24 contained in any such assessment provided to  
25 such company, building, or facility. Each Center

1 for Energy and Environmental Knowledge and  
2 Outreach shall act as internship coordinator to  
3 help match students to available opportunities.

4 (B) FEDERAL SHARE.—The Federal share  
5 of the cost of carrying out internship programs  
6 described under subparagraph (A) shall be 50  
7 percent.

8 (C) FUNDING.—Subject to the availability  
9 of appropriations, of the funds made available  
10 to carry out this subsection, the Secretary shall  
11 use to carry out this paragraph not less than  
12 \$5,000,000 for fiscal year 2010 and each fiscal  
13 year thereafter.

14 (8) SMALL BUSINESS LOANS.—The Adminis-  
15 trator of the Small Business Administration shall, to  
16 the maximum practicable, expedite consideration of  
17 applications from eligible small business concerns for  
18 loans under the Small Business Act (15 U.S.C. 631  
19 et seq.) for loans to implement recommendations of  
20 any industrial research and assessment center, Clean  
21 Energy Application Center, or Building Assessment  
22 Center.

23 (9) DEFINITIONS.—In this subsection:

24 (A) INDUSTRIAL RESEARCH AND ASSESS-  
25 MENT CENTER.—The term “industrial research



1 and assessment center” means a center estab-  
2 lished or maintained pursuant to section 452(e)  
3 of the Energy Independence and Security Act  
4 of 2007 (42 U.S.C. 17111(e)).

5 (B) CLEAN ENERGY APPLICATION CEN-  
6 TER.—The term “Clean Energy Application  
7 Center” means a center redesignated and de-  
8 scribed section under section 375 of the Energy  
9 Policy and Conservation Act (42 U.S.C. 6345).

10 (C) BUILDING ASSESSMENT CENTER.—The  
11 term “Building Assessment Center” means a  
12 institution of higher education-based center es-  
13 tablished pursuant to section 172.

14 (D) SECRETARY.—The term “Secretary”  
15 means the Secretary of Energy.

16 (10) FUNDING.—There are authorized to be ap-  
17 propriated to the Secretary to carry out this sub-  
18 section \$10,000,000 for fiscal year 2010 and each  
19 fiscal year thereafter. Subject to the availability of  
20 appropriations, of the funds made available to carry  
21 out this subsection, the Secretary shall provide to  
22 each Center for Energy and Environmental Knowl-  
23 edge and Outreach not less than \$500,000 for fiscal  
24 year 2010 and each fiscal year thereafter.

1 (b) INTEGRATION OF OTHER TECHNICAL ASSIST-  
2 ANCE PROGRAMS.—

3 (1) CLEAN ENERGY APPLICATION CENTERS.—

4 Section 375 of the Energy Policy and Conservation  
5 Act (42 U.S.C. 6345) is amended—

6 (A) by redesignating subsection (f) as sub-  
7 section (g); and

8 (B) by adding after subsection (e) the fol-  
9 lowing new subsection:

10 “(f) COORDINATION WITH CENTERS FOR ENERGY  
11 AND ENVIRONMENTAL KNOWLEDGE AND OUTREACH.—A  
12 Clean Energy Application Center may serve as a Center  
13 for Energy and Environmental Knowledge and Outreach  
14 established pursuant to section 173 of the American Clean  
15 Energy and Security Act of 2009.”.

16 (2) INDUSTRIAL RESEARCH AND ASSESSMENT  
17 CENTERS.—Section 452(e) of the Energy Independ-  
18 ence and Security Act of 2007 (42 U.S.C. 17111(e))  
19 is amended—

20 (A) by striking “The Secretary” and all  
21 that follows through “shall be—” and inserting  
22 the following:

23 “(1) IN GENERAL.—The Secretary shall provide  
24 funding to institution of higher education-based in-

1 industrial research and assessment centers, whose pur-  
2 poses shall be—”;

3 (B) by redesignating paragraphs (1)  
4 through (5) as subparagraphs (A) through (E),  
5 respectively (and by moving the margins of such  
6 subparagraphs 2 ems to the right); and

7 (C) by adding at the end the following new  
8 paragraph:

9 “(2) COORDINATION WITH CENTERS FOR EN-  
10 ERGY AND ENVIRONMENTAL KNOWLEDGE AND OUT-  
11 REACH.—An industrial research and assessment cen-  
12 ter may serve as a Center for Energy and Environ-  
13 mental Knowledge and Outreach established pursu-  
14 ant to section 173 of the American Clean Energy  
15 and Security Act of 2009.”.

16 (c) ADDITIONAL FUNDING FOR CLEAN ENERGY AP-  
17 PPLICATION CENTERS.—Subsection (g) of section 375 of  
18 the Energy Policy and Conservation Act (42 U.S.C.  
19 6345(f)), as redesignated by subsection (b)(1) of this sec-  
20 tion, is amended by striking “\$10,000,000 for each of fis-  
21 cal years 2008 through 2012” and inserting “\$30,000,000  
22 for fiscal year 2010 and each fiscal year thereafter”.

