

111TH CONGRESS
2D SESSION

S. 3340

To create jobs, increase energy efficiency, and promote technology transfer,
and for other purposes.

IN THE SENATE OF THE UNITED STATES

MAY 11, 2010

Mr. UDALL of New Mexico introduced the following bill; which was read twice
and referred to the Committee on Commerce, Science, and Transportation

A BILL

To create jobs, increase energy efficiency, and promote
technology transfer, and for other purposes.

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 “NIST Grants for En-
5 ergy Efficiency, New Job Opportunities, and Business So-
6 lutions Act of 2010” or the “NIST GREEN JOBS Act
7 of 2010”.

8 **SEC. 2. FINDINGS.**

9 Congress finds the following:

1 (1) Over its 20-year existence, the Hollings
2 Manufacturing Extension Partnership Program has
3 proven its value to manufacturers as demonstrated
4 by the resulting impact on jobs and the economies
5 of all 50 States and the Nation as a whole.

6 (2) The Hollings Manufacturing Extension
7 Partnership Program has helped thousands of com-
8 panies reinvest in themselves through process im-
9 provement and business growth initiatives leading to
10 more sales, new markets, and the adoption of tech-
11 nology to deliver new products and services.

12 (3) Manufacturing is an increasingly important
13 part of the construction sector as the industry moves
14 to the use of more components and factory built sub-
15 assemblies.

16 (4) Construction practices must become more
17 efficient and precise if the United States is to con-
18 struct and renovate its building stock to reduce re-
19 lated carbon emissions to levels that are consistent
20 with combating global warming.

21 (5) Many companies involved in construction
22 are small, without access to innovative manufac-
23 turing techniques, and could benefit from the type of
24 training and business analysis activities that the
25 Manufacturing Extension Partnership routinely pro-

1 vides to the Nation’s manufacturers and their supply
2 chains.

3 (6) Broadening the competitiveness grant pro-
4 gram under section 25(f) of the National Institute
5 of Standards and Technology Act (15 U.S.C.
6 278k(f)) could help develop and diffuse knowledge
7 necessary to capture a large portion of the estimated
8 \$100 billion dollars or more in energy savings if
9 buildings in the United States met the level and
10 quality of energy efficiency now found in buildings
11 in certain other countries.

12 (7) It is therefore in the national interest to ex-
13 pand the capabilities of the Manufacturing Exten-
14 sion Partnership to be supportive of the construction
15 and green energy industries.

16 **SEC. 3. NATIONAL INSTITUTE OF STANDARDS AND TECH-**
17 **NOLOGY COMPETITIVE GRANT PROGRAM.**

18 (a) IN GENERAL.—Section 25(f)(3) of the National
19 Institute of Standards and Technology Act (15 U.S.C.
20 278k(f)(3)) is amended—

21 (1) by striking “to develop” in the first sen-
22 tence and inserting “to add capabilities to the MEP
23 program, including the development of”; and

24 (2) by striking the last sentence and inserting
25 “These themes—

1 “(A) shall be related to projects designed
2 to increase the viability both of traditional man-
3 ufacturing sectors and other sectors, such as
4 construction, that increasingly rely on manufac-
5 turing through the use of manufactured compo-
6 nents and manufacturing techniques, including
7 supply chain integration and quality manage-
8 ment;

9 “(B) shall be related to projects related to
10 the transfer of technology based on the techno-
11 logical needs of manufacturers and available
12 technologies from institutions of higher edu-
13 cation, laboratories, and other technology pro-
14 ducing entities; and

15 “(C) may extend beyond these traditional
16 areas to include projects related to construction
17 industry modernization.”.

18 (b) SELECTION.—Section 25(f)(5) of the National In-
19 stitute of Standards and Technology Act (15 U.S.C.
20 278k(f)(5)) is amended to read as follows:

21 “(5) SELECTION.—Awards under this section
22 shall be peer reviewed and competitively awarded.
23 The Director shall endeavor to select at least one
24 proposal in each of the 9 statistical divisions of the
25 United States (as designated by the Bureau of the

1 Census). The Director shall select proposals to re-
2 ceive awards that will—

3 “(A) create jobs or train newly hired em-
4 ployees;

5 “(B) promote technology transfer and com-
6 mercialization of environmentally focused mate-
7 rials, products, and processes;

8 “(C) increase energy efficiency; and

9 “(D) improve the competitiveness of indus-
10 tries in the region in which the Center or Cen-
11 ters are located.”.

12 (c) OTHER MODIFICATIONS.—Section 25(f) of the
13 National Institute of Standards and Technology Act (15
14 U.S.C. 278k(f)) is amended—

15 (1) by adding at the end the following:

16 “(7) DURATION.—Awards under this section
17 shall last no longer than 3 years.

18 “(8) ELIGIBLE PARTICIPANTS.—In addition to
19 manufacturing firms eligible to participate in the
20 Centers program, awards under this subsection may
21 be used by the Centers to assist small or medium-
22 sized construction firms.

23 “(9) AUTHORIZATION OF APPROPRIATIONS.—In
24 addition to any amounts otherwise authorized or ap-
25 propriated to carry out this section, there are au-

1 thorized to be appropriated to the Secretary of Com-
2 merce \$7,000,000 for each of the fiscal years 2011
3 through 2014 to carry out this subsection.”.

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