

Suspend the Rules and Pass the Bill, H.R. 4583, with an Amendment

(The amendment strikes all after the enacting clause and inserts a new text)

114TH CONGRESS
2^D SESSION

H. R. 4583

To promote a 21st century energy and manufacturing workforce.

IN THE HOUSE OF REPRESENTATIVES

FEBRUARY 23, 2016

Mr. RUSH (for himself and Mr. HUDSON) introduced the following bill; which was referred to the Committee on Education and the Workforce, and in addition to the Committee on Energy and Commerce, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

A BILL

To promote a 21st century energy and manufacturing workforce.

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. ENERGY AND MANUFACTURING WORKFORCE**
4 **DEVELOPMENT.**

5 (a) IN GENERAL.—The Secretary of Energy (in this
6 Act referred to as the “Secretary”) shall prioritize edu-
7 cation and training for energy and manufacturing-related

1 jobs in order to increase the number of skilled workers
2 trained to work in energy and manufacturing-related fields
3 when considering awards for existing grant programs, in-
4 cluding by—

5 (1) encouraging State education agencies and
6 local educational agencies to equip students with the
7 skills, mentorships, training, and technical expertise
8 necessary to fill the employment opportunities vital
9 to managing and operating the Nation's energy and
10 manufacturing industries, in collaboration with rep-
11 resentatives from the energy and manufacturing in-
12 dustries (including the oil, gas, coal, nuclear, utility,
13 pipeline, renewable, petrochemical, manufacturing,
14 and electrical construction sectors) to identify the
15 areas of highest need in each sector and the skills
16 necessary for a high quality workforce in the fol-
17 lowing sectors of energy and manufacturing:

18 (A) Energy efficiency industry, including
19 work in energy efficiency, conservation, weath-
20 erization, or retrofitting, or as inspectors or
21 auditors.

22 (B) Pipeline industry, including work in
23 pipeline construction and maintenance or work
24 as engineers or technical advisors.

1 (C) Utility industry, including work in the
2 generation, transmission, and distribution of
3 electricity and natural gas, such as utility tech-
4 nicians, operators, lineworkers, engineers, sci-
5 entists, and information technology specialists.

6 (D) Nuclear industry, including work as
7 scientists, engineers, technicians, mathemati-
8 cians, or security personnel.

9 (E) Oil and gas industry, including work
10 as scientists, engineers, technicians, mathemati-
11 cians, petrochemical engineers, or geologists.

12 (F) Renewable industry, including work in
13 the development, manufacturing, and produc-
14 tion of renewable energy sources (such as solar,
15 hydropower, wind, or geothermal energy).

16 (G) Coal industry, including work as coal
17 miners, engineers, developers and manufactur-
18 ers of state-of-the-art coal facilities, technology
19 vendors, coal transportation workers and opera-
20 tors, or mining equipment vendors.

21 (H) Manufacturing industry, including
22 work as operations technicians, operations and
23 design in additive manufacturing, 3-D printing,
24 advanced composites, and advanced aluminum
25 and other metal alloys, industrial energy effi-

1 efficiency management systems, including power
2 electronics, and other innovative technologies.

3 (I) Chemical manufacturing industry, in-
4 cluding work in construction (such as welders,
5 pipefitters, and tool and die makers) or as in-
6 strument and electrical technicians, machinists,
7 chemical process operators, chemical engineers,
8 quality and safety professionals, and reliability
9 engineers; and

10 (2) strengthening and more fully engaging De-
11 partment of Energy programs and labs in carrying
12 out the Department's workforce development initia-
13 tives including the Minorities in Energy Initiative.

14 (b) PROHIBITION.—Nothing in this section shall be
15 construed to authorize the Secretary or any other officer
16 or employee of the Federal Government to incentivize, re-
17 quire, or coerce a State, school district, or school to adopt
18 curricula aligned to the skills described in subsection (a).

19 (c) PRIORITY.—The Secretary shall prioritize the
20 education and training of underrepresented groups in en-
21 ergy and manufacturing-related jobs.

22 (d) CLEARINGHOUSE.—In carrying out this section,
23 the Secretary shall establish a clearinghouse to—

24 (1) maintain and update information and re-
25 sources on training and workforce development pro-

1 grams for energy and manufacturing-related jobs,
2 including job training and workforce development
3 programs available to assist displaced and unem-
4 ployed energy and manufacturing workers
5 transitioning to new employment; and

6 (2) provide technical assistance for States, local
7 educational agencies, schools, community colleges,
8 universities (including minority serving institutions),
9 workforce development programs, labor-management
10 organizations, and industry organizations that would
11 like to develop and implement energy and manufac-
12 turing-related training programs.

13 (e) COLLABORATION.—In carrying out this section,
14 the Secretary—

15 (1) shall collaborate with States, local edu-
16 cational agencies, schools, community colleges, uni-
17 versities (including minority serving institutions),
18 workforce-training organizations, national labora-
19 tories, State energy offices, workforce investment
20 boards, and the energy and manufacturing indus-
21 tries;

22 (2) shall encourage and foster collaboration,
23 mentorships, and partnerships among organizations
24 (including industry, States, local educational agen-
25 cies, schools, community colleges, workforce-develop-

1 ment organizations, and colleges and universities)
2 that currently provide effective job training pro-
3 grams in the energy and manufacturing fields and
4 entities (including States, local educational agencies,
5 schools, community colleges, workforce development
6 programs, and colleges and universities) that seek to
7 establish these types of programs in order to share
8 best practices; and

9 (3) shall collaborate with the Bureau of Labor
10 Statistics, the Department of Commerce, the Bureau
11 of the Census, States, and the energy and manufac-
12 turing industries to develop a comprehensive and de-
13 tailed understanding of the energy and manufac-
14 turing workforce needs and opportunities by State
15 and by region.

16 (f) OUTREACH TO MINORITY SERVING INSTITU-
17 TIONS.—In carrying out this section, the Secretary shall—

18 (1) give special consideration to increasing out-
19 reach to minority serving institutions and Histori-
20 cally Black Colleges and Universities;

21 (2) make existing resources available through
22 program cross-cutting to minority serving institu-
23 tions with the objective of increasing the number of
24 skilled minorities and women trained to go into the
25 energy and manufacturing sectors;

1 (3) encourage industry to improve the opportu-
2 nities for students of minority serving institutions to
3 participate in industry internships and cooperative
4 work/study programs; and

5 (4) partner with the Department of Energy lab-
6 oratories to increase underrepresented groups' par-
7 ticipation in internships, fellowships, traineeships,
8 and employment at all Department of Energy lab-
9 oratories.

10 (g) OUTREACH TO DISLOCATED ENERGY AND MANU-
11 FACTURING WORKERS.—In carrying out this section, the
12 Secretary shall—

13 (1) give special consideration to increasing out-
14 reach to employers and job trainers preparing dis-
15 located energy and manufacturing workers for in-de-
16 mand sectors or occupations;

17 (2) make existing resources available through
18 program cross-cutting to institutions serving dis-
19 located energy and manufacturing workers with the
20 objective of training individuals to re-enter in-de-
21 mand sectors or occupations;

22 (3) encourage the energy and manufacturing in-
23 dustries to improve opportunities for dislocated en-
24 ergy and manufacturing workers to participate in
25 career pathways; and

1 (4) work closely with the energy and manufac-
2 turing industries to identify energy and manufac-
3 turing operations, such as coal-fired power plants
4 and coal mines, scheduled for closure and to provide
5 early intervention assistance to workers employed at
6 such energy and manufacturing operations by—

7 (A) partnering with State and local work-
8 force development boards;

9 (B) giving special consideration to employ-
10 ers and job trainers preparing such workers for
11 in-demand sectors or occupations;

12 (C) making existing resources available
13 through program cross-cutting to institutions
14 serving such workers with the objective of train-
15 ing them to re-enter in-demand sectors or occu-
16 pations; and

17 (D) encouraging the energy and manufac-
18 turing industries to improve opportunities for
19 such workers to participate in career pathways.

20 (h) ENROLLMENT IN WORKFORCE DEVELOPMENT
21 PROGRAMS.—In carrying out this section, the Secretary
22 shall work with industry and community-based workforce
23 organizations to help identify candidates, including from
24 underrepresented communities such as minorities, women,

1 and veterans, to enroll in workforce development programs
2 for energy and manufacturing-related jobs.

3 (i) PROHIBITION.—Nothing in this section shall be
4 construed as authorizing the creation of a new workforce
5 development program.

6 (j) DEFINITIONS.—In this section:

7 (1) CAREER PATHWAYS; DISLOCATED WORKER;
8 IN-DEMAND SECTORS OR OCCUPATIONS; LOCAL
9 WORKFORCE DEVELOPMENT BOARD; STATE WORK-
10 FORCE DEVELOPMENT BOARD.—The terms “career
11 pathways”, “dislocated worker”, “in-demand sectors
12 or occupations”, “local workforce development
13 board”, and “State workforce development board”
14 have the meanings given the terms “career path-
15 ways”, “dislocated worker”, “in-demand sectors or
16 occupations”, “local board”, and “State board”, re-
17 spectively, in section 3 of the Workforce Innovation
18 and Opportunity Act (29 U.S.C. 3102).

19 (2) MINORITY-SERVING INSTITUTION.—The
20 term “minority-serving institution” means an insti-
21 tution of higher education with a designation of one
22 of the following:

23 (A) Hispanic-serving institution (as de-
24 fined in 20 U.S.C.1101a(a)(5)).

1 (B) Tribal College or University (as de-
2 fined in 20 U.S.C.1059c(b)).

3 (C) Alaska Native-serving institution or a
4 Native Hawaiian-serving institution (as defined
5 in 20 U.S.C.1059d(b)).

6 (D) Predominantly Black Institution (as
7 defined in 20 U.S.C.1059e(b)).

8 (E) Native American-serving nontribal in-
9 stitution (as defined in 20 U.S.C.1059f(b)).

10 (F) Asian American and Native American
11 Pacific Islander-serving institution (as defined
12 in 20 U.S.C.1059g(b)).

13 **SEC. 2. REPORT.**

14 Five years after the date of enactment of this Act,
15 the Secretary shall publish a comprehensive report to the
16 Committee on Energy and Commerce and the Committee
17 on Education and the Workforce of the House of Rep-
18 resentatives and the Senate Energy and Natural Re-
19 sources Committee on the outlook for energy and manu-
20 facturing sectors nationally. The report shall also include
21 a comprehensive summary of energy and manufacturing
22 job creation as a result of the enactment of this Act. The
23 report shall include performance data regarding the num-
24 ber of program participants served, the percentage of par-
25 ticipants in competitive integrated employment two quar-

1 ters and four quarters after program completion, the me-
2 dian income of program participants two quarters and
3 four quarters after program completion, and the percent-
4 age of program participants receiving industry-recognized
5 credentials.

6 **SEC. 3. USE OF EXISTING FUNDS.**

7 No additional funds are authorized to carry out the
8 requirements of this Act. Such requirements shall be car-
9 ried out using amounts otherwise authorized.