

119TH CONGRESS
2D SESSION

H. R. 8517

To develop career and technical education programs of study and facilities
in the areas of renewable energy.

IN THE HOUSE OF REPRESENTATIVES

APRIL 27, 2026

Mr. MAGAZINER (for himself, Mr. MOYLAN, Mr. TAKANO, Mr. RUIZ, Ms. TITUS, Ms. BROWNLEY, Mrs. RAMIREZ, Mr. CARTER of Louisiana, Ms. NORTON, Mr. CASE, Mr. SORESENSEN, Ms. ANSARI, Mr. THANEDAR, Mr. PETERS, Mr. GARAMENDI, Mrs. HAYES, Ms. TOKUDA, Mr. CARSON, Ms. SIMON, Mr. DELUZIO, Mr. HERNÁNDEZ, Ms. CHU, and Mr. KEATING) introduced the following bill; which was referred to the Committee on Education and Workforce

A BILL

To develop career and technical education programs of study
and facilities in the areas of renewable energy.

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 “Clean Energy Work-
5 force Act”.

1 **SEC. 2. CLEAN ENERGY CURRICULUM DEVELOPMENT**
2 **GRANTS.**

3 (a) **AUTHORIZATION.**—From the amounts appro-
4 priated under section 6 to carry out this section, the Sec-
5 retary of Energy, in consultation with the Secretary of
6 Education, shall award grants, on a competitive basis, to
7 eligible partnerships to develop or expand programs of
8 study that are focused on emerging careers and jobs in
9 a covered field.

10 (b) **ELIGIBLE PARTNERSHIPS.**—For purposes of this
11 section, an eligible partnership shall include—

12 (1) at least 1 local educational agency, an area
13 career and technical education school, or an edu-
14 cational service agency;

15 (2) at least 1 postsecondary institution; and

16 (3) representatives of the community to be
17 served by the eligible partnership, which shall in-
18 clude business owners, industry representatives that
19 have experience in a covered field, and members of
20 labor organizations as appropriate.

21 (c) **APPLICATION.**—

22 (1) **IN GENERAL.**—An eligible partnership seek-
23 ing a grant under this section shall submit an appli-
24 cation to the Secretary at such time, in such man-
25 ner, and containing such information as the Sec-
26 retary may require.

1 (2) CONTENTS.—An application submitted by
2 an eligible partnership seeking such a grant shall in-
3 clude a description of—

4 (A) the eligible partnership, including the
5 partners and the roles and responsibilities of
6 each partner, and a demonstration of the capac-
7 ity of each partner to support the program of
8 study to be funded by the grant;

9 (B) such program of study, which shall in-
10 clude a description of the secondary and post-
11 secondary components;

12 (C) how the program of study will—

13 (i) be replicable and disseminated to
14 postsecondary institutions or schools that
15 are not part of or served by the eligible
16 partnership, including postsecondary insti-
17 tutions or schools in urban or rural areas;

18 (ii) be delivered to students;

19 (iii) be accessible to students from a
20 variety of backgrounds, including students
21 who are economically disadvantaged, low-
22 performing, and from urban or rural areas;
23 and

24 (iv) address placement of students in
25 non-traditional fields;

1 (D) the industry and specific occupation or
2 occupations within a covered field for which the
3 program of study provides preparation for em-
4 ployment and the reason the eligible partner-
5 ship intends to provide such preparation, in-
6 cluding any evidence of a labor market need to
7 prepare students for such industry or occupa-
8 tion;

9 (E) the students to be served by the pro-
10 gram of study;

11 (F) applied learning that will be incor-
12 porated into the program of study and how
13 such learning will incorporate or reinforce aca-
14 demic learning; and

15 (G) how the eligible partnership proposes
16 to consult or has consulted with a labor organi-
17 zation, labor management partnership, or a
18 sponsor of an apprenticeship program or joint
19 apprenticeship and training program that pro-
20 vides education and training to prepare stu-
21 dents for employment in the industry or occu-
22 pation in subparagraph (D).

23 (d) PRIORITY.—In awarding grants under this sec-
24 tion, the Secretary, in consultation with the peer review
25 committee under section 4, shall give priority to an eligible

1 partnership that demonstrates in an application submitted
2 under subsection (c) that the program of study will—

- 3 (1) deliver (such as through the use of online
4 learning or other innovative means) the program of
5 study to students, educators, and instructors at
6 other postsecondary institutions or schools that are
7 not part of or served by the eligible partnership; and
8 (2) focus on low-performing students and spe-
9 cial populations.

10 (e) USES OF FUNDS.—A grant awarded to an eligible
11 partnership under this section shall be used for each of
12 the following:

- 13 (1) The development and implementation of a
14 new program of study in a covered field, or the ex-
15 pansion of an existing program of study in such
16 field, by the eligible partnership that—

17 (A) is replicable and able to be dissemi-
18 nated to other postsecondary institutions or
19 schools that are not part of or served by the eli-
20 gible partnership; and

21 (B) prepares students for a career in a
22 covered field.

- 23 (2) The dissemination of a program of study
24 under paragraph (1) to postsecondary institutions or

1 schools that are not part of or served by the eligible
2 partnership.

3 **SEC. 3. RENEWABLE ENERGY FACILITIES GRANTS.**

4 (a) AUTHORIZATION.—From the amounts appro-
5 priated under section 6 to carry out this section, the Sec-
6 retary of Energy shall award grants, on a competitive
7 basis, to eligible entities to promote—

8 (1) the development of career and technical
9 education facilities that are energy efficient; and

10 (2) the use of renewable energy practices at
11 such facilities.

12 (b) APPLICATION.—An eligible entity seeking a grant
13 under this section shall submit an application to the Sec-
14 retary at such time, in such manner, and containing such
15 information as the Secretary may require.

16 (c) USE OF FUNDS.—An eligible entity awarded a
17 grant under this section shall use such grant to—

18 (1) perform an evaluation of the sustainability
19 aspects of the facilities of the eligible entity, which
20 shall include measuring the energy effectiveness of
21 the facilities of such entity and evaluating whether
22 the facilities comply with existing renewable energy
23 standards;

24 (2) convene stakeholders, including organiza-
25 tions devoted to the promotion and support of re-

1 newable energy activities, to develop a plan to ad-
2 dress needs identified in such evaluation;

3 (3) carry out activities related to the construc-
4 tion, operation, and improvement of facilities that
5 promote the use of renewable energy practices;

6 (4) purchase energy-efficient machinery, tech-
7 nology, or other physical equipment used as an edu-
8 cational tool to deliver career and technical edu-
9 cation courses; or

10 (5) communicate to other eligible entities the
11 lessons and practices learned from activities carried
12 out under paragraphs (1) through (4).

13 (d) ELIGIBLE ENTITIES.—For purposes of this sec-
14 tion, an eligible entity means—

15 (1) a local educational agency;

16 (2) an area career and technical education
17 school;

18 (3) an educational service agency;

19 (4) a postsecondary institution; or

20 (5) a consortium of any of the entities described
21 in paragraphs (1) through (4).

22 **SEC. 4. PEER REVIEW.**

23 In evaluating applications for the grant programs es-
24 tablished under sections 2 and 3, the Secretary shall con-
25 vene a committee to conduct a peer review process of grant

1 applications and to make recommendations to the Sec-
2 retary regarding the selection of grantees. Members of the
3 peer review committee shall include—

4 (1) career and technical education educators
5 and administrators who have experience with energy-
6 efficient facilities and equipment; and

7 (2) business and industry experts who build and
8 work in renewable energy facilities.

9 **SEC. 5. DEFINITIONS.**

10 In this Act:

11 (1) **CARL D. PERKINS CAREER AND TECHNICAL**
12 **EDUCATION ACT OF 2006 TERMS.**—The terms “area
13 career and technical education school”, “educational
14 service agency”, “non-traditional field”, “program of
15 study”, and “special population” have the meaning
16 given such terms in section 3 of the Carl D. Perkins
17 Career and Technical Education Act of 2006 (20
18 U.S.C. 2302).

19 (2) **COVERED FIELD.**—The term “covered
20 field” means the fields of clean energy, renewable
21 energy, energy efficiency, climate change mitigation,
22 or climate change adaptation.

23 (3) **LOCAL EDUCATIONAL AGENCY.**—The term
24 “local educational agency” means a local educational
25 agency eligible for funding under section 131 of the

1 Carl D. Perkins Career and Technical Education
2 Act of 2006 (20 U.S.C. 2351).

3 (4) POSTSECONDARY INSTITUTION.—The term
4 “postsecondary institution” means a postsecondary
5 institution eligible for funding under section 132 of
6 the Carl D. Perkins Career and Technical Education
7 Act of 2006 (20 U.S.C. 2352).

8 **SEC. 6. AUTHORIZATION OF APPROPRIATIONS.**

9 There is authorized to be appropriated to the Sec-
10 retary of Energy \$100,000,000 to carry out this Act.

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