

AMENDMENT NO. _____ Calendar No. _____

Purpose: To require the Secretary of Energy to establish the 21st Century Energy Workforce Advisory Board.

IN THE SENATE OF THE UNITED STATES—117th Cong., 1st Sess.

S. _____

To invest in the energy and outdoor infrastructure of the United States to deploy new and innovative technologies, update existing infrastructure to be reliable and resilient, and secure energy infrastructure against physical and cyber threats, and for other purposes.

Referred to the Committee on _____ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Ms. HIRONO (for herself and Ms. CANTWELL)

Viz:

1 At the end of title II, add the following:

2 **SEC. 20__ . 21ST CENTURY ENERGY WORKFORCE ADVI-**
3 **SORY BOARD.**

4 (a) ESTABLISHMENT.—The Secretary shall establish
5 a board, to be known as the “21st Century Energy Work-
6 force Advisory Board”, to develop a strategy for the De-
7 partment that, with respect to the role of the Department
8 in the support and development of a skilled energy work-
9 force—

1 (1) meets the current and future industry and
2 labor needs of the energy sector;

3 (2) provides opportunities for students to be-
4 come qualified for placement in traditional energy
5 sector and emerging energy sector jobs;

6 (3) identifies areas in which the Department
7 can effectively utilize the technical expertise of the
8 Department to support the workforce activities of
9 other Federal agencies;

10 (4) strengthens and engages the workforce
11 training programs of the Department and the Na-
12 tional Laboratories in carrying out the Equity in
13 Energy Initiative of the Department and other De-
14 partment workforce priorities;

15 (5) develops plans to support and retrain dis-
16 placed and unemployed energy sector workers; and

17 (6) prioritizes education and job training for
18 underrepresented groups, including racial and ethnic
19 minorities, Indian Tribes, women, veterans, and
20 socioeconomically disadvantaged individuals.

21 (b) MEMBERSHIP.—

22 (1) IN GENERAL.—The Board shall be com-
23 posed of not fewer than 10 and not more than 15
24 members, with the initial members of the Board to

1 be appointed by the Secretary not later than 1 year
2 after the date of enactment of this Act.

3 (2) REQUIREMENT.—The Board shall include
4 not fewer than 1 representative of a labor organiza-
5 tion with significant energy experience who has been
6 nominated by a national labor federation.

7 (3) QUALIFICATIONS.—Each individual ap-
8 pointed to the Board under paragraph (1) shall have
9 expertise in—

10 (A) the field of economics or workforce de-
11 velopment;

12 (B) relevant traditional energy industries
13 or emerging energy industries, including energy
14 efficiency;

15 (C) secondary or postsecondary education;

16 (D) energy workforce development or ap-
17 prenticeship programs of States or units of
18 local government;

19 (E) relevant organized labor organizations;

20 or

21 (F) bringing underrepresented groups, in-
22 cluding racial and ethnic minorities, women,
23 veterans, and socioeconomically disadvantaged
24 individuals, into the workforce.

1 (c) ADVISORY BOARD REVIEW AND RECOMMENDA-
2 TIONS.—

3 (1) DETERMINATION BY BOARD.—In developing
4 the strategy required under subsection (a), the
5 Board shall—

6 (A) determine whether there are opportuni-
7 ties to more effectively and efficiently use the
8 capabilities of the Department in the develop-
9 ment of a skilled energy workforce;

10 (B) identify ways in which the Department
11 could work with other relevant Federal agen-
12 cies, States, units of local government, institu-
13 tions of higher education, labor organizations,
14 Indian Tribes and tribal organizations, and in-
15 dustry in the development of a skilled energy
16 workforce, subject to applicable law;

17 (C) identify ways in which the Department
18 and National Laboratories can—

19 (i) increase outreach to minority-serv-
20 ing institutions; and

21 (ii) make resources available to in-
22 crease the number of skilled minorities and
23 women trained to go into the energy and
24 energy-related manufacturing sectors;

1 (iii) increase outreach to displaced
2 and unemployed energy sector workers;
3 and

4 (iv) make resources available to pro-
5 vide training to displaced and unemployed
6 energy sector workers to reenter the en-
7 ergy workforce; and

8 (D)(i) identify the energy sectors in great-
9 est need of workforce training; and

10 (ii) in consultation with the Secretary of
11 Labor, develop recommendations for the skills
12 necessary to develop a workforce trained to
13 work in those energy sectors.

14 (2) REQUIRED ANALYSIS.—In developing the
15 strategy required under subsection (a), the Board
16 shall analyze the effectiveness of—

17 (A) existing Department-directed support;
18 and

19 (B) existing energy workforce training pro-
20 grams.

21 (3) REPORT.—

22 (A) IN GENERAL.—Not later than 1 year
23 after the date on which the Board is established
24 under this section, and biennially thereafter
25 until the date on which the Board is terminated

1 under subsection (f), the Board shall submit to
2 the Secretary a report containing, with respect
3 to the strategy required under subsection (a)—

- 4 (i) the findings of the Board; and
5 (ii) the proposed energy workforce
6 strategy of the Board.

7 (B) RESPONSE OF THE SECRETARY.—Not
8 later than 90 days after the date on which a re-
9 port is submitted to the Secretary under sub-
10 paragraph (A), the Secretary shall—

- 11 (i) submit to the Board a response to
12 the report that—

13 (I) describes whether the Sec-
14 retary approves or disapproves of each
15 recommendation of the Board under
16 subparagraph (A); and

17 (II) if the Secretary approves of
18 a recommendation, provides an imple-
19 mentation plan for the recommenda-
20 tion; and

- 21 (ii) submit to Congress—

22 (I) the report of the Board under
23 subparagraph (A); and

24 (II) the response of the Secretary
25 under clause (i).

1 (C) PUBLIC AVAILABILITY OF REPORT.—

2 (i) IN GENERAL.—The Board shall
3 make each report under subparagraph (A)
4 available to the public on the earlier of—

5 (I) the date on which the Board
6 receives the response of the Secretary
7 under subparagraph (B)(i); and

8 (II) the date that is 90 days
9 after the date on which the Board
10 submitted the report to the Secretary.

11 (ii) REQUIREMENT.—If the Board has
12 received a response to a report from the
13 Secretary under subparagraph (B)(i), the
14 Board shall make that response publicly
15 available with the applicable report.

16 (d) REPORT BY THE SECRETARY.—Not later than
17 180 days before the date of expiration of a term of the
18 Board under subsection (f), the Secretary shall submit to
19 the Committees on Energy and Natural Resources and
20 Appropriations of the Senate and the Committees on En-
21 ergy and Commerce and Appropriations of the House of
22 Representatives a report that—

23 (1) describes the effectiveness and accomplish-
24 ments of the Board during the applicable term;

1 (2) contains a determination of the Secretary as
2 to whether the Board should be renewed; and

3 (3) if the Secretary determines that the Board
4 should be renewed, any recommendations as to
5 whether and how the scope and functions of the
6 Board should be modified.

7 (e) OUTREACH TO MINORITY-SERVING INSTITU-
8 TIONS, VETERANS, AND DISPLACED AND UNEMPLOYED
9 ENERGY WORKERS.—In developing the strategy under
10 subsection (a), the Board shall—

11 (1) give special consideration to increasing out-
12 reach to minority-serving institutions, veterans, and
13 displaced and unemployed energy workers;

14 (2) make resources available to—

15 (A) minority-serving institutions, with the
16 objective of increasing the number of skilled mi-
17 norities and women trained to go into the en-
18 ergy and manufacturing sectors;

19 (B) institutions that serve veterans, with
20 the objective of increasing the number veterans
21 in the energy industry by ensuring that vet-
22 erans have the credentials and training nec-
23 essary to secure careers in the energy industry;
24 and

1 (C) institutions that serve displaced and
2 unemployed energy workers to increase the
3 number of individuals trained for jobs in the
4 energy industry;

5 (3) encourage the energy industry to improve
6 the opportunities for students of minority-serving in-
7 stitutions, veterans, and displaced and unemployed
8 energy workers to participate in internships,
9 preapprenticeships, apprenticeships, and cooperative
10 work-study programs in the energy industry; and

11 (4) work with the National Laboratories to in-
12 crease the participation of underrepresented groups,
13 veterans, and displaced and unemployed energy
14 workers in internships, fellowships, training pro-
15 grams, and employment at the National Labora-
16 tories.

17 (f) TERM.—

18 (1) IN GENERAL.—Subject to paragraph (2),
19 the Board shall terminate on September 30, 2026.

20 (2) EXTENSIONS.—The Secretary may renew
21 the Board for 1 or more 5-year periods by submit-
22 ting, not later than the date described in subsection
23 (d), a report described in that subsection that con-
24 tains a determination by the Secretary that the
25 Board should be renewed.