

116TH CONGRESS
2D SESSION

S. 4147

To establish the Financing Energy Efficient Manufacturing Program at the Department of Energy to provide financial assistance to promote energy efficiency and onsite renewable technologies in manufacturing facilities, and for other purposes.

IN THE SENATE OF THE UNITED STATES

JULY 1, 2020

Mr. MERKLEY introduced the following bill; which was read twice and referred to the Committee on Energy and Natural Resources

A BILL

To establish the Financing Energy Efficient Manufacturing Program at the Department of Energy to provide financial assistance to promote energy efficiency and onsite renewable technologies in manufacturing facilities, 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 “Job Creation through
5 Energy Efficient Manufacturing Act”.

6 **SEC. 2. DEFINITIONS.**

7 In this Act:

1 (1) ENERGY MANAGEMENT PLAN.—The term
2 “energy management plan” means a plan estab-
3 lished under section 3(c)(4).

4 (2) INDIAN TRIBE.—The term “Indian tribe”
5 has the meaning given the term in section 4 of the
6 Indian Self-Determination and Education Assistance
7 Act (25 U.S.C. 5304).

8 (3) PROGRAM.—The term “program” means
9 the Financing Energy Efficient Manufacturing Pro-
10 gram established under section 3(a).

11 (4) PROGRAM MANAGER.—The term “program
12 manager” means a qualified entity that receives a
13 grant under section 3(a).

14 (5) PROJECT.—The term “project” means an
15 energy efficiency improvement project carried out by
16 a small- or medium-sized manufacturer using grant
17 funds distributed by a project manager.

18 (6) QUALIFIED ENTITY.—The term “qualified
19 entity” means—

20 (A) a State energy office;

21 (B) an Indian tribe;

22 (C) a nonprofit organization that—

23 (i) is focused on providing energy effi-
24 ciency or renewable energy services; and

1 (ii) receives funding from a State, In-
2 dian tribe, or utility;

3 (D) an electric cooperative group; and

4 (E) an entity with a public-private partner-
5 ship under the Hollings Manufacturing Exten-
6 sion Partnership established under section
7 25(b) of the National Institute of Standards
8 and Technology Act (15 U.S.C. 278k(b)).

9 (7) SECRETARY.—The term “Secretary” means
10 the Secretary of Energy.

11 (8) SMALL- OR MEDIUM-SIZED MANUFAC-
12 Turer.—The term “small- or medium-sized manu-
13 facturer” means a manufacturing establishment—

14 (A) classified in Sector 31, 32, or 33 in the
15 North American Industry Classification System;
16 and

17 (B) that employs not more than 750 em-
18 ployees.

19 **SEC. 3. FINANCING ENERGY EFFICIENT MANUFACTURING**
20 **PROGRAM.**

21 (a) ESTABLISHMENT.—The Secretary shall establish
22 a program, to be known as the “Financing Energy Effi-
23 cient Manufacturing Program” to provide grants to quali-
24 fied entities to fund energy efficiency improvement
25 projects in the manufacturing sector.

1 (b) GRANT APPLICATIONS; SELECTION OF GRANT
2 RECIPIENTS.—

3 (1) GRANT APPLICATIONS.—

4 (A) IN GENERAL.—Not later than 180
5 days after the date of enactment of this Act,
6 qualified entities desiring a grant under sub-
7 section (a) shall submit to the Secretary an ap-
8 plication in such manner and containing such
9 information as the Secretary may require, in-
10 cluding a description of—

11 (i) how the qualified entity will work
12 with small- and medium-sized manufactur-
13 ers to assess the most promising opportu-
14 nities for energy efficiency improvements;

15 (ii) how the qualified entity will work
16 with small- and medium-sized manufactur-
17 ers and, if appropriate, licensed engineers
18 to establish an energy management plan
19 for the small- or medium-sized manufac-
20 turer to carry out a project;

21 (iii) the methods and cost-sharing
22 plans the qualified entity will use to dis-
23 tribute funds to small- and medium-sized
24 manufacturers to subsidize the costs of
25 carrying out a project;

1 (iv) the standards by which the quali-
2 fied entity will set energy efficiency goals
3 for a project that will result in meaningful
4 reductions in electricity or natural gas use
5 by the small- or medium-sized manufac-
6 turer carrying out the project;

7 (v) how the qualified entity will pro-
8 vide support to the small- or medium-sized
9 manufacturer carrying out a project during
10 the implementation of the energy manage-
11 ment plan;

12 (vi)(I) any history of the qualified en-
13 tity of working collaboratively with the re-
14 gional technical assistance programs of the
15 Department of Energy; and

16 (II) how the qualified entity plans to
17 involve the regional technical assistance
18 programs in the activities to be funded by
19 a grant; and

20 (vii) how the qualified entity will col-
21 lect measurements throughout the imple-
22 mentation of the energy management
23 plan—

1 (I) to demonstrate how energy ef-
2 ficiency improvements are being
3 achieved; and

4 (II) to maximize opportunities
5 for project success.

6 (B) PARTNERSHIPS.—Two or more quali-
7 fied entities may form a partnership to apply,
8 and act as program manager, for a grant under
9 this subsection.

10 (2) SELECTION OF GRANT RECIPIENTS.—

11 (A) IN GENERAL.—Not later than 90 days
12 after the date on which the Secretary receives
13 an application under paragraph (1), the Sec-
14 retary shall—

15 (i) review the application;

16 (ii) provide the applicant with an op-
17 portunity to respond to any questions of
18 the Secretary regarding the application;
19 and

20 (iii) select or deny the applicant based
21 on the criteria described in subparagraph
22 (B).

23 (B) SELECTION CRITERIA.—

24 (i) IN GENERAL.—The Secretary shall
25 select for grants under this subsection

1 qualified entities that demonstrate a his-
 2 tory of successfully implementing energy
 3 efficiency improvement programs for small-
 4 and medium-sized manufacturers.

5 (ii) PRIORITY.—In making selections
 6 under clause (i), the Secretary shall give
 7 priority to qualified entities that dem-
 8 onstrate—

9 (I) effective methods for reducing
 10 barriers to entry that might otherwise
 11 prevent small- and medium-sized man-
 12 ufacturers from participating in the
 13 subgrant program under subsection
 14 (c);

15 (II) flexibility in addressing the
 16 needs of different small- and medium-
 17 sized manufacturers; and

18 (III) a commitment to hiring for
 19 projects contractors that comply with
 20 the labor requirements described in
 21 subsection (d)(2).

22 (c) SUBGRANTS FOR ENERGY EFFICIENCY IMPROVE-
 23 MENTS.—

24 (1) IN GENERAL.—A qualified entity (including
 25 a partnership of 1 or more qualified entities under

1 subsection (b)(1)(B)) that receives a grant under
2 subsection (a) shall act as a program manager to
3 distribute subgrants to small- and medium-sized
4 manufacturers located in the State in which the pro-
5 gram manager is located to carry out projects—

6 (A) to improve the energy efficiency of the
7 small- or medium-sized manufacturer; and

8 (B) to develop technologies to reduce elec-
9 tricity or natural gas use by the small- or me-
10 dium-sized manufacturer.

11 (2) APPLICATIONS.—A small- or medium-sized
12 manufacturer desiring a subgrant under paragraph
13 (1) shall submit to the program manager an applica-
14 tion at such time, in such manner, and containing
15 such information as the program manager may re-
16 quire, including a proposal describing the project to
17 be carried out using the subgrant funds.

18 (3) PRIORITY.—In selecting small- or medium-
19 sized manufacturers for subgrants under this sub-
20 section, the program manager shall give priority to
21 small- or medium-sized manufacturers that commit
22 to hiring for projects contractors that comply with
23 the labor requirements described in subsection
24 (d)(2).

1 (4) ELIGIBILITY REQUIREMENTS.—To be eligi-
2 ble to receive a subgrant under paragraph (1), a
3 small- or medium-sized manufacturer shall be a pri-
4 vate, nongovernmental entity.

5 (5) ENERGY MANAGEMENT PLANS.—Each
6 small- or medium-sized manufacturer receiving a
7 subgrant under paragraph (1), in consultation with
8 the program manager and, if appropriate, 1 or more
9 licensed engineers, shall establish an energy manage-
10 ment plan for the small- or medium-sized manufac-
11 turer to carry out the project.

12 (6) EFFECT ON TITLE TO PROPERTY.—The re-
13 ceipt of Federal funds under this subsection shall
14 not prohibit an entity that purchased equipment or
15 other property using those funds from owning sole,
16 permanent title to the equipment or other property.

17 (d) CONTRACTORS.—

18 (1) IN GENERAL.—Program managers and
19 small- or medium-sized manufacturers may hire, if
20 necessary, contractors to perform work relating to
21 the installation, repair, or maintenance of equipment
22 used under a project.

23 (2) LABOR REQUIREMENTS.—In an application
24 for a grant or subgrant under this section, a pro-
25 gram manager or a small- or medium-sized manu-

1 facturer, respectively, may commit to hiring contrac-
2 tors that represent to the best of the knowledge and
3 belief of the contractor, whether, during the 3-year
4 period preceding the date of application, any admin-
5 istrative merits determination, arbitral award or de-
6 cision, or civil judgment (as defined in guidance
7 issued by the Secretary of Labor) was rendered
8 against the contractor for violations of—

9 (A) the National Labor Relations Act (29
10 U.S.C. 151 et seq.);

11 (B) the Fair Labor Standards Act of 1938
12 (29 U.S.C. 201 et seq.);

13 (C) the Age Discrimination in Employment
14 Act of 1967 (29 U.S.C. 621 et seq.);

15 (D) the Occupational Safety and Health
16 Act of 1970 (29 U.S.C. 651 et seq.);

17 (E) the Migrant and Seasonal Agricultural
18 Worker Protection Act (29 U.S.C. 1801 et
19 seq.);

20 (F) the Family and Medical Leave Act of
21 1993 (29 U.S.C. 2611 et seq.);

22 (G) subchapter IV of chapter 31 of part A
23 of subtitle II of title 40, United States Code
24 (commonly referred to as the “Davis-Bacon
25 Act”);

1 (H) chapter 67 of title 41, United States
2 Code;

3 (I) title VII of the Civil Rights Act of 1964
4 (42 U.S.C. 2000e et seq.);

5 (J) the Americans with Disabilities Act of
6 1990 (42 U.S.C. 12101 et seq.);

7 (K) Executive Order 11246 (42 U.S.C.
8 2000e note) (relating to equal employment op-
9 portunity);

10 (L) Executive Order 13658 (79 Fed. Reg.
11 9851 (February 20, 2014)) (relating to estab-
12 lishing a minimum wage for contractors); or

13 (M) equivalent State laws.

14 (3) ADDITIONAL LABOR REQUIREMENTS.—A
15 program manager or small- or medium-sized manu-
16 facturer receiving a grant or subgrant, respectively,
17 under this section that has committed to complying
18 with the labor requirements described in paragraph
19 (2)—

20 (A) shall provide each contractor an oppor-
21 tunity to disclose any steps taken to correct a
22 violation of, or improve compliance with, a law
23 or Executive order described in any of subpara-
24 graphs (A) through (M) of paragraph (2), in-

1 including any agreements entered into with an
2 enforcement agency;

3 (B) shall give preference to contractors
4 that have the fewest number of violations (par-
5 ticularly serious, repeated, willful, or pervasive
6 violations) of the laws and Executive orders de-
7 scribed in subparagraphs (A) through (M) of
8 paragraph (2); and

9 (C) shall not hire contractors that fail to
10 take steps to correct violations of, or improve
11 compliance with, a law or Executive order de-
12 scribed in any of subparagraphs (A) through
13 (M) of paragraph (2).

14 (e) AMERICAN IRON, STEEL, AND MANUFACTURED
15 PRODUCTS.—

16 (1) DEFINITIONS.—In this subsection:

17 (A) IRON OR STEEL MANUFACTURED
18 PRODUCT.—The term “iron or steel manufac-
19 tured product” includes any construction mate-
20 rial or end product (as those terms are defined
21 in subpart 25.003 of the Federal Acquisition
22 Regulation) that does not otherwise qualify as
23 an iron or steel product, including—

24 (i) an electrical component;

- 1 (ii) a non-ferrous building material,
2 including—
3 (I) aluminum and
4 polyvinylchloride;
5 (II) glass;
6 (III) fiber optics;
7 (IV) plastic;
8 (V) wood;
9 (VI) masonry;
10 (VII) rubber;
11 (VIII) manufactured stone; and
12 (IX) any other non-ferrous build-
13 ing materials; and
14 (iii) any unmanufactured construction
15 material.

16 (B) PRODUCED IN THE UNITED STATES.—

- 17 (i) IN GENERAL.—The term “pro-
18 duced in the United States”—

- 19 (I) with respect to an iron or
20 steel product or an iron or steel man-
21 ufactured product, means that all
22 manufacturing processes for, and ma-
23 terials and components of, the iron or
24 steel product or iron or steel manufac-
25 tured product, from the initial melting

1 stage through the application of coat-
2 ings, occurred in the United States;
3 and

4 (II) with respect to an iron or
5 steel manufactured product, means
6 that—

7 (aa) the iron or steel manu-
8 factured product was manufac-
9 tured in the United States; and

10 (bb) the cost of the compo-
11 nents of the iron or steel manu-
12 factured product that were
13 mined, produced, or manufac-
14 tured in the United States is
15 greater than 60 percent of the
16 total cost of the components of
17 the iron or steel manufactured
18 product.

19 (ii) EXCLUSIONS.—The term “pro-
20 duced in the United States”, with respect
21 to an iron or steel product or an iron or
22 steel manufactured product, does not in-
23 clude an iron or steel product or an iron
24 or steel manufactured product that was
25 manufactured—

1 (I) abroad from semi-finished
2 steel or iron from the United States;

3 or

4 (II) in the United States from
5 semi-finished steel or iron of foreign
6 origin.

7 (2) REQUIREMENT.—Funds made available
8 under the program may not be used for a project
9 unless all of the iron and steel products and iron
10 and steel manufactured products used in the project
11 are produced in the United States.

12 (3) WAIVER.—

13 (A) IN GENERAL.—On request of the re-
14 cipient of a grant under the program, the Sec-
15 retary may grant for the project of the recipient
16 of the grant a waiver of the requirement de-
17 scribed in paragraph (2) if the Secretary finds
18 that—

19 (i) the application of paragraph (2)
20 would be inconsistent with the public inter-
21 est;

22 (ii) iron or steel products or iron or
23 steel manufactured products are not pro-
24 duced in the United States—

1 (I) in sufficient and reasonably
2 available quantities; or

3 (II) of a satisfactory quality; or

4 (iii) the inclusion of iron or steel prod-
5 ucts or iron or steel manufactured prod-
6 ucts produced in the United States would
7 increase the cost of the overall project by
8 greater than 25 percent.

9 (B) PUBLIC NOTICE.—On receipt of a re-
10 quest for a waiver under subparagraph (A), the
11 Secretary shall—

12 (i) make available to the public, in-
13 cluding by electronic means, including on
14 the official public website of the Depart-
15 ment of Energy, on an informal basis, a
16 copy of the request and all information
17 available to the Secretary relating to the
18 request; and

19 (ii) provide for informal public input
20 on the request for a period of not fewer
21 than 15 days before making with respect
22 to the request the finding described in sub-
23 paragraph (A).

24 (f) REPORTING REQUIREMENTS.—

1 (1) IN GENERAL.—Each program manager
2 shall—

3 (A) determine what data shall be re-
4 quired—

5 (i) to be collected by or from each
6 small- or medium-sized manufacturer re-
7 ceiving a subgrant under subsection (c);
8 and

9 (ii) to be submitted to the program
10 manager to permit analysis of the subgrant
11 program under subsection (c); and

12 (B) develop metrics to determine the suc-
13 cess of the subgrant program under subsection
14 (c).

15 (2) PROVISION OF DATA.—As a condition of re-
16 ceiving a subgrant under subsection (c), a small- or
17 medium-sized manufacturer shall provide to the pro-
18 gram manager relevant data, as determined by the
19 program manager under paragraph (1)(A).

20 (3) PROPRIETARY INFORMATION.—In carrying
21 out this subsection, each program manager, as ap-
22 propriate, shall provide for the protection of propri-
23 etary information and intellectual property rights.

24 (g) FUNDING.—

1 (1) IN GENERAL.—Out of amounts made avail-
2 able to the Secretary and not otherwise obligated,
3 the Secretary shall use to carry out this section not
4 more than \$600,000,000.

5 (2) REQUIREMENTS FOR PROGRAM MAN-
6 AGERS.—A program manager shall use not greater
7 than 7 percent of the grant funds received by the
8 program manager, at the discretion of the program
9 manager—

10 (A) to hire and train staff to assist the
11 program manager in administering the
12 subgrant program of the program manager; and

13 (B) to market the subgrant program to
14 small- and medium-sized manufacturers.

15 (3) MANAGEMENT AND OVERSIGHT.—The Sec-
16 retary may use not greater than 0.25 percent of the
17 funds made available under paragraph (1) to carry
18 out subsection (e).

○