

117TH CONGRESS  
1ST SESSION

**S.** \_\_\_\_\_

To require the Secretary of Energy to establish a manufacturing clean energy and energy efficiency grant program, and for other purposes.

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IN THE SENATE OF THE UNITED STATES

Mr. MANCHIN (for himself, Mr. GRAHAM, and Mr. HICKENLOOPER) introduced the following bill; which was read twice and referred to the Committee on \_\_\_\_\_

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**A BILL**

To require the Secretary of Energy to establish a manufacturing clean energy and energy efficiency grant program, 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 “Manufacturing Clean  
5 Energy and Energy Efficiency Act of 2021”.

6 **SEC. 2. MANUFACTURING CLEAN ENERGY AND ENERGY EF-**  
7 **FICIENCY GRANT PROGRAM.**

8 (a) DEFINITIONS.—In this section:

1           (1) COVERED PROJECT.—The term “covered  
2 project” means a project that—

3           (A) has been recommended in an energy  
4 assessment described in paragraph (2)(A) con-  
5 ducted for an eligible entity; and

6           (B) with respect to the plant site of that  
7 eligible entity—

8           (i) improves—

9                   (I) energy efficiency;

10                   (II) material efficiency;

11                   (III) cybersecurity; or

12                   (IV) productivity; or

13           (ii) reduces—

14                   (I) waste production;

15                   (II) greenhouse gas emissions; or

16                   (III) nongreenhouse gas pollu-  
17 tion.

18           (2) ELIGIBLE ENTITY.—The term “eligible enti-  
19 ty” means a small- or medium-sized manufacturer  
20 that has had an energy assessment completed—

21           (A) by—

22                   (i) an Industrial Assessment Center;

23                   or

24                   (ii) a third party assessor that pro-  
25 vides an assessment equivalent to that of

1 an Industrial Assessment Center, as deter-  
2 mined by the Secretary; and

3 (B) in the 5-year period preceding the date  
4 on which the small- or medium-sized manufac-  
5 turer submits an application under subsection  
6 (c).

7 (3) INDUSTRIAL ASSESSMENT CENTER.—The  
8 term “Industrial Assessment Center” means a cen-  
9 ter located at an institution of higher education  
10 that—

11 (A) receives funding from the Department  
12 of Energy;

13 (B) provides an in-depth assessment of  
14 small- or medium-sized manufacturers to evalu-  
15 ate the facilities, services, and manufacturing  
16 operations of the plant sites of those manufac-  
17 turers; and

18 (C) as a result of the assessment described  
19 in subparagraph (B), identifies opportunities  
20 for potential savings from, with respect to those  
21 plant sites—

22 (i) energy efficiency improvements;

23 (ii) waste minimization;

24 (iii) pollution prevention;

25 (iv) cybersecurity improvements; and

1 (v) productivity improvement.

2 (4) INSTITUTION OF HIGHER EDUCATION.—The  
3 term “institution of higher education” has the  
4 meaning given the term in section 101(a) of the  
5 Higher Education Act of 1965 (20 U.S.C. 1001(a)).

6 (5) PROGRAM.—The term “program” means  
7 the program established under subsection (b).

8 (6) SMALL- OR MEDIUM-SIZED MANUFAC-  
9 Turer.—The term “small- or medium-sized manu-  
10 facturer” means a manufacturing firm—

11 (A) the gross annual sales of which are  
12 less than \$100,000,000;

13 (B) that has fewer than 500 employees at  
14 the plant site of the manufacturing firm; and

15 (C) the annual energy bills of which total  
16 more than \$100,000 but less than \$2,500,000.

17 (b) ESTABLISHMENT.—The Secretary shall establish  
18 a program within the Office of Energy Efficiency and Re-  
19 newable Energy under which the Secretary shall provide  
20 grants to eligible entities to implement covered projects.

21 (c) APPLICATION.—An eligible entity seeking a grant  
22 under the program shall submit to the Secretary an appli-  
23 cation at such time, in such manner, and containing such  
24 information as the Secretary may require, including a

1 demonstration of need for financial assistance to imple-  
2 ment the proposed covered project.

3 (d) PRIORITY.—In awarding grants under the pro-  
4 gram, the Secretary shall give priority to eligible entities  
5 that—

6 (1) have had an energy assessment completed  
7 by an Industrial Assessment Center; and

8 (2) propose to carry out a covered project with  
9 a greater potential for—

10 (A) energy efficiency gains; or

11 (B) greenhouse gas emissions reductions.

12 (e) GRANT AMOUNT.—

13 (1) MAXIMUM AMOUNT.—The amount of a  
14 grant provided to an eligible entity under the pro-  
15 gram shall not exceed \$300,000.

16 (2) FEDERAL SHARE.—A grant awarded under  
17 the program for a covered project shall be in an  
18 amount that is not more than 50 percent of the cost  
19 of the covered project.

20 (3) SUPPLEMENT.—A grant received by an eli-  
21 gible entity under the program shall supplement, not  
22 supplant, any private or State funds available to the  
23 eligible entity to carry out the covered project.

24 (f) AUTHORIZATION OF APPROPRIATIONS.—There is  
25 authorized to be appropriated to the Secretary to carry

1 out this section \$100,000,000 for each of fiscal years 2022  
2 through 2026, to remain available until expended.

3 **SEC. 3. INDUSTRIAL ASSESSMENT CENTER TECHNICAL AS-**  
4 **SISTANCE.**

5 Section 452 of the Energy Independence and Security  
6 Act of 2007 (42 U.S.C. 17111) is amended—

7 (1) in subsection (a), by adding at the end the  
8 following:

9 “(6) SMALL- OR MEDIUM-SIZED MANUFAC-  
10 Turer.—The term ‘small- or medium-sized manu-  
11 facturer’ means a manufacturing firm—

12 “(A) the gross annual sales of which are  
13 less than \$100,000,000;

14 “(B) that has fewer than 500 employees at  
15 the plant site of the manufacturing firm; and

16 “(C) the annual energy bills of which total  
17 more than \$100,000 but less than  
18 \$2,500,000.”; and

19 (2) in subsection (e)—

20 (A) in paragraph (4), by striking “and” at  
21 the end;

22 (B) in paragraph (5), by striking the pe-  
23 riod at the end and inserting “; and”; and

24 (C) by adding at the end the following:

1           “(6) to provide technical assistance to small-  
2           and medium-sized manufacturers, for which the in-  
3           dustrial research and assessment center has com-  
4           pleted an energy assessment, to upgrade, retrofit, or  
5           replace systems or infrastructure consistent with  
6           recommendations made in the energy assessment.”.