

118TH CONGRESS
1ST SESSION

S. 3315

To establish a voucher program for the purchase and installation of emission reducing technologies for Class 8 trucks, and for other purposes.

IN THE SENATE OF THE UNITED STATES

NOVEMBER 15, 2023

Mr. PETERS (for himself and Mr. RICKETTS) introduced the following bill; which was read twice and referred to the Committee on Energy and Natural Resources

A BILL

To establish a voucher program for the purchase and installation of emission reducing technologies for Class 8 trucks, 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 “Supporting Trucking
5 Efficiency and Emission Reductions Act” or the “STEER
6 Act”.

7 **SEC. 2. DEFINITIONS.**

8 In this Act:

1 (1) CLASS 8 TRUCK.—The term “Class 8
2 truck” means a vehicle with a gross vehicle weight
3 rating exceeding 33,000 pounds.

4 (2) COVERED EXPENDITURE.—The term “cov-
5 ered expenditure” means an expense that is associ-
6 ated with the purchase and installation of an emis-
7 sion reducing active technology, including—

8 (A) the cost of an emission reducing active
9 technology; and

10 (B) material and labor costs associated
11 with the installation of an emission reducing ac-
12 tive technology.

13 (3) ELIGIBLE ENTITY.—The term “eligible enti-
14 ty” means an applicant to which a voucher under
15 the program may be made available, including—

16 (A) an individual;

17 (B) a State or local government;

18 (C) a private entity;

19 (D) a not-for-profit entity;

20 (E) a nonprofit entity; and

21 (F) such other applicants the Secretary de-
22 termines to be appropriate.

23 (4) EMISSION REDUCING ACTIVE TECH-
24 NOLOGY.—The term “emission reducing active tech-
25 nology” means any physical alterations of a Class 8

1 truck that can be installed as a retrofit and that
2 adapts automatically to control vehicle performance
3 factors and improve fuel efficiency, including—

4 (A) active aerodynamics;

5 (B) active rolling resistance;

6 (C) dynamic axle lift control;

7 (D) non-auxiliary power unit active idle re-
8 duction; and

9 (E) such other emerging improvements as
10 the Secretary determines to be appropriate.

11 (5) PROGRAM.—The term “program” means
12 the program established under section 3(a).

13 (6) SECRETARY.—The term “Secretary” means
14 the Secretary of Energy.

15 **SEC. 3. VOUCHER PROGRAM FOR EMISSION REDUCING**
16 **TECHNOLOGIES ON CLASS 8 TRUCKS.**

17 (a) IN GENERAL.—Not later than 180 days after the
18 date of enactment of this Act, the Secretary shall establish
19 a program to award vouchers for covered expenditures as-
20 sociated with retrofitting emission reducing active tech-
21 nologies on Class 8 trucks.

22 (b) PROGRAM REQUIREMENTS.—

23 (1) ELIGIBLE TECHNOLOGIES.—

24 (A) IN GENERAL.—Not later than 150
25 days after the date of enactment of this Act,

1 the Secretary shall publish and maintain on the
2 Department of Energy internet website a list of
3 emission reducing active technologies that are
4 eligible for the program, including biodiesel,
5 electrification, ethanol, and hydrogen fuel cells.

6 (B) UPDATES.—The Secretary may add
7 to, or otherwise revise, the list of emission re-
8 ducing active technologies under subparagraph
9 (A) if the Secretary determines that an addition
10 or revision will likely lead to—

11 (i) greater usage of emission reducing
12 active technologies; or

13 (ii) greater access to emission reduc-
14 ing active technologies by users.

15 (C) LOCATION REQUIREMENT.—To be eli-
16 gible for the program, the emission reducing ac-
17 tive technologies described in subparagraph (A)
18 shall be installed in the United States.

19 (2) APPLICATION.—

20 (A) IN GENERAL.—To be eligible to receive
21 a voucher under the program, an eligible entity
22 shall submit to the Secretary an application,
23 which shall include—

24 (i) the estimated cost of covered ex-
25 penditures to be expended on the emission

1 reducing active technologies that are eligi-
2 ble under paragraph (1);

3 (ii) the estimated installation cost of
4 the emission reducing active technologies
5 that are eligible under paragraph (1);

6 (iii) the global positioning system lo-
7 cation, including the integer number of de-
8 grees, minutes, and seconds, where emis-
9 sion reducing active technologies are to be
10 installed;

11 (iv) the technical specifications of
12 emission reducing active technologies; and

13 (v) any other information determined
14 by the Secretary to be necessary for a com-
15 plete application.

16 (B) REVIEW PROCESS.—The Secretary
17 shall review an application for a voucher under
18 the program and approve an eligible entity to
19 receive a voucher if the application meets the
20 requirements of the program under this sub-
21 section.

22 (C) NOTIFICATION TO ELIGIBLE ENTITY.—
23 Not later than 90 days after the date on which
24 an eligible entity applies for a voucher under
25 the program, the Secretary shall notify the eli-

1 gible entity whether the eligible entity will be
2 awarded a voucher under the program following
3 the submission of additional materials required
4 under paragraph (4)(B).

5 (3) VOUCHER AMOUNT.—The amount of a
6 voucher awarded under the program for covered ex-
7 penditures for each emission reducing active tech-
8 nology shall cover—

9 (A) in the case of a fleet operating not
10 more than 10 Class 8 trucks, the lesser of
11 \$4,000 and 75 percent of total covered expendi-
12 tures per unit;

13 (B) in the case of a fleet operating more
14 than 10 Class 8 trucks and not more than 50
15 Class 8 trucks, the lesser of \$3,500 and 72.5
16 percent of total covered expenditures per unit;

17 (C) in the case of a fleet operating more
18 than 50 Class 8 trucks and not more than 100
19 Class 8 trucks, the lesser of \$3,000 and 70 per-
20 cent of total covered expenditures per unit; and

21 (D) in the case of a fleet operating not less
22 than 101 Class 8 trucks, the lesser of \$2,500
23 and 67.5 percent of total covered expenditures
24 per unit.

25 (4) DISBURSEMENT OF VOUCHER.—

1 (A) IN GENERAL.—After approval under
2 paragraph (2)(B) of an application submitted
3 by an eligible entity, the Secretary shall dis-
4 burse a voucher to the eligible entity not later
5 than 90 days after the date on which the eligi-
6 ble entity submits the materials required under
7 subparagraph (B).

8 (B) MATERIALS REQUIRED FOR DISBURSE-
9 MENT OF VOUCHER.—Not later than 1 year
10 after the date on which an eligible entity re-
11 ceives notice under paragraph (2)(C) that the
12 eligible entity has been approved for a voucher,
13 that eligible entity shall submit to the Sec-
14 retary—

15 (i) a record of payment for covered
16 expenses expended on the installation of
17 the emission reducing active technologies
18 that are eligible under paragraph (1);

19 (ii) a record of payment for the emis-
20 sion reducing active technologies that are
21 eligible under paragraph (1);

22 (iii) the global positioning system lo-
23 cation of where emission reducing active
24 technologies were installed;

1 (iv) the technical specifications of the
2 emission reducing active technologies that
3 are eligible under paragraph (1); and

4 (v) any other information determined
5 by the Secretary to be necessary.

6 (c) REPORT.—Not later than 3 years after the first
7 date on which the Secretary awards a voucher under the
8 program, the Secretary shall submit a report describing
9 the number of vouchers awarded under subsection (b) to—

10 (1) the Committee on Energy and Natural Re-
11 sources of the Senate; and

12 (2) the Committee on Energy and Commerce of
13 the House of Representatives.

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