

116TH CONGRESS  
2D SESSION

# S. 4481

To require the Administrator of the Environmental Protection Agency to update the modeling used for lifecycle greenhouse gas assessments for corn-based ethanol and biodiesel, and for other purposes.

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## IN THE SENATE OF THE UNITED STATES

AUGUST 6, 2020

Mr. THUNE (for himself, Mr. ROUNDS, Mr. GRASSLEY, and Ms. ERNST) introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

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## A BILL

To require the Administrator of the Environmental Protection Agency to update the modeling used for lifecycle greenhouse gas assessments for corn-based ethanol and biodiesel, 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 “Adopt the Greenhouse  
5 Gases, Regulated Emissions, and Energy Use in Trans-  
6 portation Model Act” or the “Adopt GREET Act”.

1 **SEC. 2. DEFINITION OF ADMINISTRATOR.**

2 In this Act, the term “Administrator” means the Ad-  
3 ministrator of the Environmental Protection Agency.

4 **SEC. 3. LIFECYCLE GREENHOUSE GAS EMISSIONS FROM**  
5 **CORN-BASED ETHANOL.**

6 (a) IN GENERAL.—Subject to subsection (b), not  
7 later than 90 days after the date of enactment of this Act,  
8 and every 5 years thereafter, the Administrator shall up-  
9 date the methodology used by the Environmental Protec-  
10 tion Agency in lifecycle analyses with respect to green-  
11 house gas emissions that result from corn-based ethanol.

12 (b) REQUIREMENTS.—

13 (1) FIRST UPDATE.—In carrying out the first  
14 update required under subsection (a), the Adminis-  
15 trator shall adopt—

16 (A) the most recent Greenhouse gases,  
17 Regulated Emissions, and Energy use in Trans-  
18 portation model (commonly referred to as the  
19 “GREET model”) developed by Argonne Na-  
20 tional Laboratory; or

21 (B) the methodology described in the study  
22 by the Office of the Chief Economist of the De-  
23 partment of Agriculture entitled “The green-  
24 house gas benefits of corn ethanol—assessing re-  
25 cent evidence” and published on March 25,  
26 2019.

1           (2) SUBSEQUENT UPDATES.—In carrying out  
2           the second and each subsequent update required  
3           under subsection (a), the Administrator shall—

4                   (A) as necessary, adopt, review, or update  
5                   a methodology determined to be appropriate by  
6                   the Administrator; or

7                   (B) adopt a methodology described in sub-  
8                   paragraph (A) or (B) of paragraph (1).

9           (c) REPORT.—If the Administrator fails to carry out  
10          subsection (b)(2) before the applicable deadline described  
11          in subsection (a), the Administrator shall submit to the  
12          Committees on Agriculture, Nutrition, and Forestry, En-  
13          ergy and Natural Resources, and Environment and Public  
14          Works of the Senate and the Committees on Agriculture,  
15          Energy and Commerce, and Science, Space, and Tech-  
16          nology of the House of Representatives a report describing  
17          the reasons for the failure to carry out subsection (b)(2),  
18          which may include a determination by the Administrator  
19          that the methodology adopted or updated in a previous  
20          update under subsection (a) remains the most current  
21          methodology based on available data, research, and tech-  
22          nology.

1 **SEC. 4. LIFECYCLE GREENHOUSE GAS EMISSIONS FROM**  
2 **BIODIESEL.**

3 (a) IN GENERAL.—Subject to subsection (b), not  
4 later than 90 days after the date of enactment of this Act,  
5 and every 5 years thereafter, the Administrator shall up-  
6 date the methodology used by the Environmental Protec-  
7 tion Agency in lifecycle analyses with respect to green-  
8 house gas emissions that result from biodiesel.

9 (b) REQUIREMENTS.—

10 (1) FIRST UPDATE.—In carrying out the first  
11 update required under subsection (a), the Adminis-  
12 trator shall adopt the most recent Greenhouse gases,  
13 Regulated Emissions, and Energy use in Transpor-  
14 tation model (commonly referred to as the “GREET  
15 model”) developed by Argonne National Laboratory.

16 (2) SUBSEQUENT UPDATES.—In carrying out  
17 the second and each subsequent update required  
18 under subsection (a), the Administrator shall—

19 (A) as necessary, adopt, review, or update  
20 a methodology determined to be appropriate by  
21 the Administrator; or

22 (B) adopt the methodology described in  
23 paragraph (1).

24 (c) REPORT.—If the Administrator fails to carry out  
25 subsection (b)(2) before the applicable deadline described  
26 in subsection (a), the Administrator shall submit to the

1 Committees on Agriculture, Nutrition, and Forestry, En-  
2 ergy and Natural Resources, and Environment and Public  
3 Works of the Senate and the Committees on Agriculture,  
4 Energy and Commerce, and Science, Space, and Tech-  
5 nology of the House of Representatives a report describing  
6 the reasons for the failure to carry out subsection (b)(2),  
7 which may include a determination by the Administrator  
8 that the methodology adopted or updated in a previous  
9 update under subsection (a) remains the most current  
10 methodology based on available data, research, and tech-  
11 nology.

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