

.....
(Original Signature of Member)

117TH CONGRESS
1ST SESSION

H. R. _____

To require the Comptroller General of the United States to conduct an analysis of the costs of converting light-duty vehicles in the Federal fleet to electric vehicles, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

Mr. FEENSTRA introduced the following bill; which was referred to the Committee on _____

A BILL

To require the Comptroller General of the United States to conduct an analysis of the costs of converting light-duty vehicles in the Federal fleet to electric vehicles, 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 “Comparison of Sus-
5 tainable Transportation Act” or the “COST Act”.

1 **SEC. 2. COST ANALYSIS OF CONVERTING FEDERAL FLEET**
2 **TO ELECTRIC VEHICLES.**

3 (a) COST ANALYSIS.—The Comptroller General of
4 the United States shall conduct—

5 (1) an analysis of the costs of replacing the
6 light-duty vehicles in the Federal fleet that are
7 fueled by gasoline with electric vehicles, including
8 plug-in hybrid electric vehicles; and

9 (2) an analysis of the costs of replacing the
10 light-duty vehicles in the Federal fleet that are
11 fueled by gasoline with flex-fuel ethanol vehicles.

12 (b) INCLUSIONS.—Each analysis conducted under
13 subsection (a) shall include the costs necessary for deploy-
14 ment of infrastructure for each applicable type of electric
15 vehicle or flex-fuel ethanol vehicle that it is feasible to be
16 used in the Federal fleet nationwide.

17 (c) PUBLICATION.—Not later than 1 year after the
18 date of enactment of this Act, the Comptroller General
19 shall publish online the cost analyses conducted under sub-
20 section (a).

21 **SEC. 3. ANALYSIS OF LIFECYCLE EMISSIONS OF E85 CAPA-**
22 **BLE FLEX-FUEL AND ELECTRIC VEHICLES.**

23 (a) ANALYSIS.—The Secretary of Energy, utilizing
24 the most recent Greenhouse gases, Regulated Emissions,
25 and Energy use in Transportation model (commonly re-
26 ferred to as the “GREET model”) developed by Argonne

1 National Laboratory, shall conduct a lifecycle analysis of
2 greenhouse gas emissions from each of the following types
3 of vehicles:

4 (1) A conventional gasoline vehicle.

5 (2) An E85 capable flex-fuel vehicle.

6 (3) A battery electric vehicle.

7 (b) REPORT.—Not later than 1 year after the date
8 of enactment of this Act, the Secretary of Energy shall
9 submit to the Committee on Science, Space, and Tech-
10 nology of the House of Representatives, and the Com-
11 mittee on Commerce, Science, and Transportation of the
12 Senate a report on the lifecycle analyses conducted under
13 subsection (a).

14 **SEC. 4. DEFINITIONS.**

15 In this Act:

16 (1) E85.—The term “E85” means a fuel con-
17 taining 85 percent ethanol and 15 percent gasoline.

18 (2) FEDERAL FLEET.—The term “Federal
19 fleet” means the fleet of Federally owned or oper-
20 ated motor vehicles as reported in the most recent
21 Federal Fleet Report of the General Services Admin-
22 istration.

23 (3) LIGHT-DUTY VEHICLE.—The term “light-
24 duty vehicle” means a vehicle with a gross vehicle
25 weight rating of less than or equal to 8,500 pounds.