

118TH CONGRESS
1ST SESSION

S. 1304

To require the Comptroller General of the United States to conduct a study on the carbon footprint and environmental impacts of electric vehicles, and for other purposes.

IN THE SENATE OF THE UNITED STATES

APRIL 26, 2023

Mr. SCOTT of Florida (for himself, Mr. BARRASSO, Mr. LEE, Mr. MARSHALL, Mr. SULLIVAN, and Mr. CRUZ) introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

A BILL

To require the Comptroller General of the United States to conduct a study on the carbon footprint and environmental impacts of 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 “Directing Independent
5 Research To Yield Carbon Assessment Regarding Electric
6 Vehicles Act of 2023” or the “DIRTY CAR EV Act of
7 2023”.

1 **SEC. 2. STUDY ON CARBON FOOTPRINT AND ENVIRON-**
2 **MENTAL IMPACT OF AN ELECTRIC VEHICLE**
3 **ECOSYSTEM.**

4 (a) **IN GENERAL.**—The Comptroller General of the
5 United States, in consultation with the Secretary of En-
6 ergy and the Administrator of the Environmental Protec-
7 tion Agency, shall conduct a study on the total carbon
8 footprint and environmental impact of an electric vehicle
9 ecosystem, including—

10 (1) the production of batteries used in electric
11 vehicles, including the mining and processing of min-
12 erals for those batteries;

13 (2) the production, transmission, and distribu-
14 tion of electricity used to charge and power electric
15 vehicles; and

16 (3) all other aspects of the production, use, and
17 disposal of electric vehicles, including all minerals
18 necessary for, and components of, electric vehicles.

19 (b) **REQUIREMENT.**—In conducting the study under
20 subsection (a), the Comptroller General of the United
21 States shall conduct a thorough analysis of—

22 (1) the burden on electric grids across the
23 United States that would result from full adoption
24 of electric vehicles in the United States;

25 (2) the costs and implications of building out a
26 national network of charging stations and home

1 charging to support full adoption of electric vehicles
2 in the United States;

3 (3) ongoing costs to maintain an electric vehicle
4 ecosystem that supports full adoption of electric ve-
5 hicles in the United States; and

6 (4) the cost implications on repairing and
7 strengthening roads and bridges.

8 (c) REPORT.—Not later than 180 days after the date
9 of enactment of this Act, the Comptroller General of the
10 United States shall submit to Congress and make publicly
11 available a report describing the results of the study con-
12 ducted under subsection (a), including the analysis con-
13 ducted under subsection (b).

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