

118TH CONGRESS
1ST SESSION

H. R. 910

To amend section 932 of the Energy Policy Act of 2005 to create a biofuel and fuel cell vehicle research, development, and demonstration program, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

FEBRUARY 9, 2023

Mr. FEENSTRA (for himself, Mr. FLOOD, Mr. FINSTAD, and Mrs. MILLER-MEEKS) introduced the following bill; which was referred to the Committee on Science, Space, and Technology

A BILL

To amend section 932 of the Energy Policy Act of 2005 to create a biofuel and fuel cell vehicle research, development, and demonstration 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 “Biofuel Cell Research
5 Act”.

1 **SEC. 2. BIOFUEL AND FUEL CELL VEHICLE RESEARCH, DE-**
2 **VELOPMENT, AND DEMONSTRATION PRO-**
3 **GRAM.**

4 Section 932 of the Energy Policy Act of 2005 (42
5 U.S.C. 16232) is amended by adding at the end the fol-
6 lowing:

7 “(i) BIOFUEL AND FUEL CELL VEHICLE RESEARCH,
8 DEVELOPMENT, AND DEMONSTRATION PROGRAM.—

9 “(1) IN GENERAL.—The Secretary shall estab-
10 lish a research, development, and demonstration pro-
11 gram for a commercially viable fuel cell system that
12 uses biofuel as a fuel source for a vehicle.

13 “(2) RESEARCH GOALS.—The Secretary shall
14 establish interim research and development goals
15 that will result in the demonstration of commercially
16 viable fuel cell systems that utilize biofuels as a fuel
17 source, including the following:

18 “(A) Innovative stack designs and compo-
19 nents, including—

20 “(i) catalysts;

21 “(ii) membranes and electrolytes;

22 “(iii) interconnects;

23 “(iv) seals; and

24 “(v) metal- or electrolyte-supported
25 stack cell designs.

1 “(B) Variety of renewable energy sources,
2 including ethanol and other biomass.

3 “(C) Technologies that enable fuel cell du-
4 rability and fuel cell durability testing.

5 “(D) Systems designs and component inte-
6 gration that optimize efficiency, cost, transient
7 response, and lifetime.

8 “(3) COORDINATION.—In carrying out the ac-
9 tivities under this section, the Secretary shall coordi-
10 nate with—

11 “(A) appropriate Federal agencies, includ-
12 ing the Department of Agriculture and the De-
13 partment of Transportation;

14 “(B) National Laboratories; and

15 “(C) relevant industry stakeholders, non-
16 government organizations, and trade associa-
17 tions.”.

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