

AMENDMENT TO RULES COMMITTEE PRINT 117-

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OFFERED BY MR. FEENSTRA OF IOWA

At the end of subtitle B of title II, add the following new section:

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

4 (a) IN GENERAL.—The Secretary of Defense shall es-
5 tablish a research, development, and demonstration pro-
6 gram for a commercially viable fuel cell system that uses
7 biofuel as a fuel source for a vehicle.

8 (b) RESEARCH GOALS.—The Secretary of Defense
9 shall establish interim research and development goals
10 that will result in the demonstration of commercially via-
11 ble fuel cell systems that utilize biofuels as a fuel source,
12 including the following:

- 13 (1) Innovative stack designs and components,
14 including—
15 (A) catalysts;
16 (B) membranes and electrolytes;
17 (C) interconnects;
18 (D) seals; and

1 (E) metal- or electrolyte-supported stack
2 cell designs.

3 (2) Variety of renewable energy sources, includ-
4 ing ethanol and other biomass.

5 (3) Technologies that enable fuel cell durability
6 and fuel cell durability testing.

7 (4) Systems designs and component integration
8 that optimize efficiency, cost, transient response,
9 and lifetime.

10 (c) COORDINATION.—In carrying out the activities
11 under this section, the Secretary of Defense shall coordi-
12 nate with—

13 (1) appropriate Federal agencies, including the
14 Department of Agriculture and the Department of
15 Transportation;

16 (2) National Laboratories; and

17 (3) relevant industry stakeholders, non-govern-
18 ment organizations, and trade associations.

