AMENDMENT TO RULES COMMITTEE PRINT 117–54

OFFERED BY MR. FEENSTRA OF IOWA

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

SEC. 2. BIOFUEL AND FUEL CELL VEHICLE RESEARCH, DEVELOPMENT, AND DEMONSTRATION PROGRAM.

(a) IN GENERAL.—The Secretary of Defense shall establish a research, development, and demonstration program for a commercially viable fuel cell system that uses biofuel as a fuel source for a vehicle.

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

(1) Innovative stack designs and components, including—

(A) catalysts;

(B) membranes and electrolytes;

(C) interconnects;

(D) seals; and
(E) metal- or electrolyte-supported stack cell designs.

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

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

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

(c) COORDINATION.—In carrying out the activities under this section, the Secretary of Defense shall coordinate with—

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

(2) National Laboratories; and

(3) relevant industry stakeholders, non-government organizations, and trade associations.