117TH CONGRESS
2D SESSION

H. RES. 1366

Expressing support for the designation of October 8, 2022, as ''National Hydrogen and Fuel Cell Day''.

IN THE HOUSE OF REPRESENTATIVES

SEPTEMBER 19, 2022

Mr. COSTA (for himself, Mr. LARSON of Connecticut, and Mr. FITZPATRICK) submitted the following resolution; which was referred to the Committee on Oversight and Reform

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RESOLUTION

Expressing support for the designation of October 8, 2022, as ''National Hydrogen and Fuel Cell Day''.

Whereas hydrogen, which has an atomic mass of 1.008, is the most abundant element in the universe;

Whereas the United States is a world leader in the development and deployment of fuel cell and hydrogen technologies;

Whereas hydrogen fuel cells played an instrumental role in the United States space program, helping the United States achieve the mission of landing a man on the Moon;

Whereas private industry, Federal and State governments, national laboratories, and institutions of higher education continue to improve fuel cell and hydrogen technologies

to address the most pressing energy, environmental, and economic issues of the United States;

Whereas fuel cells utilizing hydrogen and hydrogen-rich fuels to generate electricity are clean, efficient, safe, and resilient technologies being used for—

(1) stationary and backup power generation; and

(2) zero-emission transportation for light-duty vehicles, industrial vehicles, delivery vans, buses, trucks, trains, military vehicles, marine applications, and aerial vehicles;

Whereas stationary fuel cells are being placed in service for continuous and backup power to provide businesses and other energy consumers with reliable power in the event of grid outages;

Whereas stationary fuel cells can help reduce water use, as compared to traditional power generation technologies;

Whereas fuel cell electric vehicles that utilize hydrogen can completely replicate the experience of internal combustion vehicles, including comparable range and refueling times;

Whereas hydrogen fuel cell industrial vehicles are deployed at logistical hubs and warehouses across the United States and exported to facilities in Europe and Asia;

Whereas hydrogen is a nontoxic gas that can be derived from a variety of domestically available traditional and renewable resources, including solar, wind, biogas, and the abundant supply of natural gas in the United States;

Whereas hydrogen and fuel cells can store energy to help enhance the grid and maximize opportunities to deploy renewable energy;

Whereas the United States produces and uses approximately 10,000,000 metric tons of hydrogen per year;

Whereas engineers and safety code and standard professionals have developed consensus-based protocols for safe delivery, handling, and use of hydrogen; and

Whereas the ingenuity of the people of the United States is essential to paving the way for the future use of hydrogen technologies: Now, therefore, be it

Resolved, That the House of Representatives expresses support for the designation of ''National Hydrogen and Fuel Cell Day''.

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