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THE GENERAL ASSEMBLY OF PENNSYLVANIA

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HOUSE RESOLUTION

No. 1022 Session of  
2020

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INTRODUCED BY SCHROEDER, BURGOS, HILL-EVANS, MILLARD, MURT,  
THOMAS AND NEILSON, SEPTEMBER 29, 2020

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INTRODUCED AS NONCONTROVERSIAL RESOLUTION UNDER RULE 35,  
SEPTEMBER 29, 2020

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A RESOLUTION

1 Recognizing October 8, 2020, as "National Hydrogen and Fuel Cell  
2 Day" in Pennsylvania.

3 WHEREAS, Hydrogen, which has an atomic mass of 1.008, is the  
4 most abundant chemical substance in the universe; and

5 WHEREAS, The United States is a world leader in the  
6 development and deployment of fuel cell and hydrogen  
7 technologies; and

8 WHEREAS, Hydrogen fuel cells played an instrumental role in  
9 the United States space program, helping the United States  
10 achieve the mission of landing a man on the moon; and

11 WHEREAS, Private industry, Federal and state governments,  
12 national laboratories and institutions of higher education  
13 continue to improve fuel cell and hydrogen technologies to  
14 address the most pressing energy, environmental and economic  
15 issues of the United States; and

16 WHEREAS, Fuel cells utilizing hydrogen and hydrogen-rich  
17 fuels to generate electricity are clean, efficient and resilient

1 technologies being sold for stationary and backup power, zero-  
2 emission light-duty motor vehicles and buses, industrial  
3 vehicles and portable power; and

4 WHEREAS, Stationary fuel cells are being placed in service  
5 for continuous and backup power to provide business and energy  
6 consumers with reliable power in the event of grid outages; and

7 WHEREAS, Stationary fuel cells can help reduce water usage,  
8 as compared to traditional power generation technologies; and

9 WHEREAS, Fuel cell electric light-duty motor vehicles and  
10 buses that utilize hydrogen can completely replicate the  
11 experience of internal combustion vehicles, including comparable  
12 range and refueling times; and

13 WHEREAS, Hydrogen fuel cell industrial vehicles are being  
14 deployed at logistical hubs and warehouses across the United  
15 States and exported to facilities in Europe and Asia; and

16 WHEREAS, Hydrogen is a nontoxic gas that can be derived from  
17 a variety of domestically available renewable resources,  
18 including solar, wind and biogas, as well as traditional  
19 resources, including the abundant supply of natural gas in the  
20 United States; and

21 WHEREAS, Hydrogen and fuel cells can store energy to help  
22 enhance the grid and maximize opportunities to deploy renewable  
23 energy; and

24 WHEREAS, The United States produces and uses more than  
25 10,000,000 metric tons of hydrogen per year; and

26 WHEREAS, Engineers and safety code and standard professionals  
27 have developed consensus-based protocols for safe delivery,  
28 handling and use of hydrogen; therefore be it

29 RESOLVED, That the House of Representatives recognize October  
30 8, 2020, as "National Hydrogen and Fuel Cell Day" in

1 Pennsylvania.