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THE GENERAL ASSEMBLY OF PENNSYLVANIA

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SENATE RESOLUTION

No. 391 Session of  
2020

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INTRODUCED BY MENSCH, SEPTEMBER 29, 2020

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REFERRED TO RULES AND EXECUTIVE NOMINATIONS, 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  
18 technologies being sold for stationary and backup power, zero-

1 emission light-duty motor vehicles and buses, industrial  
2 vehicles and portable power; and

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

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

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

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

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

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

22 WHEREAS, The United States produces and uses more than 10  
23 million metric tons of hydrogen per year; and

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

27 RESOLVED, That the Senate recognize October 8, 2020, as  
28 "National Hydrogen and Fuel Cell Day" in Pennsylvania.