
THE GENERAL ASSEMBLY OF PENNSYLVANIA

SENATE RESOLUTION

No. 194 Session of
2021

INTRODUCED BY MENSCH, COLLETT, BROWNE, COSTA, HUGHES, COMITTA
AND FONTANA, OCTOBER 19, 2021

REFERRED TO RULES AND EXECUTIVE NOMINATIONS, OCTOBER 19, 2021

A RESOLUTION

1 Recognizing October 8, 2021, 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, 2021, as
28 "National Hydrogen and Fuel Cell Day" in Pennsylvania.