

ASSEMBLY JOINT RESOLUTION

No. 150

STATE OF NEW JERSEY

218th LEGISLATURE

INTRODUCED SEPTEMBER 13, 2018

Sponsored by:

Assemblyman GORDON M. JOHNSON

District 37 (Bergen)

Assemblyman HERB CONAWAY, JR.

District 7 (Burlington)

Assemblyman ERIC HOUGHTALING

District 11 (Monmouth)

Senator JAMES BEACH

District 6 (Burlington and Camden)

Senator CHRISTOPHER "KIP" BATEMAN

District 16 (Hunterdon, Mercer, Middlesex and Somerset)

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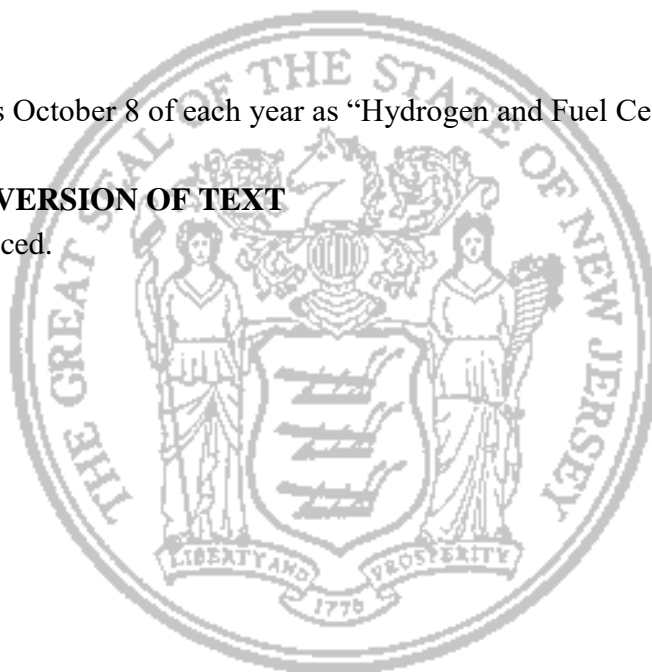
Assemblywoman Pinkin and Assemblyman Chiaravalloti

SYNOPSIS

Designates October 8 of each year as “Hydrogen and Fuel Cell Day” in NJ.

CURRENT VERSION OF TEXT

As introduced.



(Sponsorship Updated As Of: 9/13/2019)

1 **A JOINT RESOLUTION** designating October 8 of each year as
2 “Hydrogen and Fuel Cell Day” in New Jersey.

3
4 **WHEREAS**, Hydrogen is the most abundant chemical substance in the
5 universe; and

6 **WHEREAS**, A fuel cell is an electrochemical device that uses hydrogen
7 or a hydrogen-rich fuel, and oxygen from the air to produce
8 electricity, with water and heat as its only by-products; and

9 **WHEREAS**, Fuel cells utilizing hydrogen or hydrogen-rich fuels are
10 clean, efficient, and resilient technologies that can be used as a
11 primary or backup power source; in zero-emission light duty motor
12 vehicles, buses, and trucks; in heavy duty vehicles used in the
13 logistics industry; and for portable power; and

14 **WHEREAS**, Stationary fuel cells can be used to provide reliable power
15 to both commercial and residential energy consumers; and

16 **WHEREAS**, Hydrogen fuel cell electric light duty motor vehicles,
17 buses, and trucks can replicate the range and refueling times of
18 internal combustion motor vehicles while operating at a higher
19 efficiency and emitting no pollutants; and

20 **WHEREAS**, Fuel cells can be used to power forklifts and port cargo
21 equipment used in the logistics industry, helping businesses in the
22 industry to reduce their environmental impact; and

23 **WHEREAS**, Portable hydrogen fuel cells can provide reliable power in
24 the event of a natural disaster and are useful in areas where the
25 electric power grid is non-existent, unavailable, or unreliable; and

26 **WHEREAS**, An economic analysis conducted by the Northeast
27 Electrochemical Energy Storage Cluster showed that in 2016, New
28 Jersey’s hydrogen and fuel cell supply chain provided
29 approximately \$54 million in revenue and investment, more than
30 228 total jobs, over \$2.7 million in State and local tax revenue, and
31 about \$20 million in labor income; and

32 **WHEREAS**, Given New Jersey’s high population density, proximity to
33 major cities, and its relatively high cost of electricity, it is in the
34 best interests of the State to promote and expand the use of
35 efficient, clean, and cost-effective hydrogen and fuel cell
36 technologies; and

37 **WHEREAS**, Hydrogen and fuel cell technologies provide significant
38 opportunities for addressing important energy, environmental, and
39 economic issues in both New Jersey and the United States; and

40 **WHEREAS**, Hydrogen and Fuel Cell Day, celebrated nationally on
41 October 8 to recognize the atomic mass of hydrogen (1.008), brings
42 together industry, academia, national laboratories, government, and
43 other stakeholders to increase awareness of hydrogen and fuel cell
44 technologies and their benefits; now, therefore,

45
46 **BE IT RESOLVED** *by the Senate and General Assembly of the State*
47 *of New Jersey:*

