
THIRD READING

Bill No: SR 50
Author: Archuleta (D), et al.
Introduced: 5/29/25
Vote: Majority

SUBJECT: California Hydrogen Fuel Cell Day

SOURCE: Author

DIGEST: This resolution designates October 8, 2025 as “California Hydrogen and Fuel Cell Day,” to recognize the importance of hydrogen and fuel cell technologies in building a cleaner, more resilient, and sustainable future for all Californians.

ANALYSIS: This resolution makes the following legislative findings:

- 1) Hydrogen, with an atomic mass of 1.008, is the most abundant element in the universe.
- 2) Hydrogen fuel cells, which generate electricity using hydrogen and hydrogen-rich fuels, are clean, efficient, safe, and resilient technologies currently being utilized in stationary and backup power generation and zero-emission transportation, including light-duty vehicles, public transit buses, delivery fleets, industrial equipment, marine vessels, and emerging applications like aviation and rail.
- 3) California is a national and global leader in the advancement and deployment of hydrogen and fuel cell technologies. Hydrogen fuel cells have contributed to major scientific and engineering achievements, including in aerospace, in which California plays a historic and ongoing role.
- 4) Stationary fuel cells are being deployed across California to ensure energy resilience and reduce dependence on fossil fuels, providing businesses and communities with reliable power during planned and unplanned outages.
- 5) Fuel cell technologies can significantly reduce water consumption compared to traditional thermal power generation methods that rely on large volumes of

water for steam production and cooling, making fuel cells a more water-efficient solution for clean power generation.

- 6) The innovation and ingenuity of Californians are essential to realizing a clean hydrogen economy that benefits the environment, public health, and the state's workforce.

This resolution designates October 8, 2025 as "California Hydrogen and Fuel Cell Day," to recognize the importance of hydrogen and fuel cell technologies in building a cleaner, more resilient, and sustainable future for all Californians.

FISCAL EFFECT: Appropriation: No Fiscal Com.: No Local: No

SUPPORT: (Verified 8/11/25)

United States Hydrogen Alliance

OPPOSITION: (Verified 8/11/25)

None received

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8/11/25 9:06:43

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