

Rankings of Hydrogen Energy Base Stations



Overview

Asia leads by a wide margin, boasting 748 active stations. Notably, South Korea added 25 stations - its third consecutive year at that pace - reinforcing its position as a major. The United States hydrogen refueling network has 52 operational stations as of 2025—and it's shrinking. After Shell closed seven California stations in February 2024, the infrastructure that was supposed to revolutionize transportation is collapsing instead of expanding. The number of stations globally is forecast to increase to 6,080 by 2030, fueled by favorable government policies and rising demand for hydrogen-powered vehicles. The HRS supply chain. CHICAGO, Dec. 5, 2023 /PRNewswire/ -- MarketsandMarkets has released Top 11 Hydrogen Fueling Station Companies, Worldwide 2023 to help businesses make quicker and more informed decisions. According to the latest figures from LBST's H2stations. Specifically, by the end of 2024, around 1,160 stations were up and running - an impressive milestone for an industry once. NLR's technology validation team is analyzing the availability and performance of existing hydrogen fueling stations, benchmarking the current status, and providing feedback related to capacity, utilization, station build time, maintenance, fueling, and geographic coverage.

Rankings of Hydrogen Energy Base Stations



Top 25 Hydrogen Energy Companies

Explore key hydrogen energy companies transforming the industry, including Topsoe and H2 Energy, as they pave the path to sustainability.

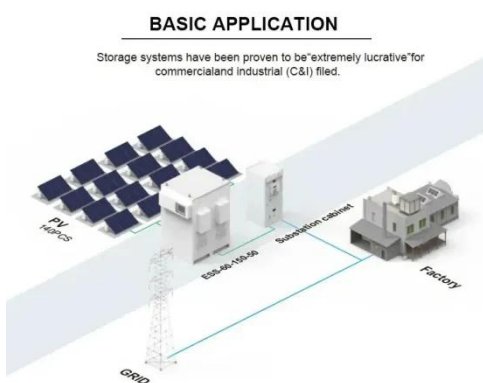
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New report: There are now 1,000+ hydrogen refuelling stations and

Asia leads by a wide margin, boasting 748 active stations. China accounts for the largest share at 384, followed by South Korea with 198 and Japan at 161. Notably, South Korea added 25 ...



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Top 11 Hydrogen Fueling Station Companies, Worldwide 2023

CHICAGO, Dec. 5, 2023 /PRNewswire/ -- MarketsandMarkets has released Top 11 Hydrogen Fueling Station Companies, Worldwide 2023 to help businesses make quicker and more informed decisions .

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Hydrogen Fueling Infrastructure Analysis , Hydrogen and Fuel Cells

Visit the Alternative Fuels Data Center to find hydrogen fueling station locations in the United States. The following publications provide more information about NLR's hydrogen fueling ...

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13 Hydrogen Refueling Station Manufacturers in 2026

This section provides an overview for hydrogen refueling stations as well as their applications and principles. Also, please take a look at the list of 13 hydrogen refueling station manufacturers and their ...

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Milestone reached: over 1,000 hydrogen refuelling stations in ...

...

In 2024, around 125 new hydrogen refuelling stations were opened worldwide: 42 in Europe, around 30 in China, 25 in South Korea, 8 in Japan and 13 in North America.

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1000 hydrogen refueling stations in operation



Our new research report covers the global hydrogen refueling stations market. The report provides an understanding of geographic H2 refueling station (HRS) markets and regional differences in H2 ...

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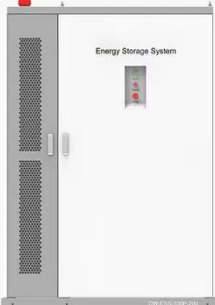
Hydrogen Refueling Stations in 2025: Complete US Station Map ...





Only 52 hydrogen stations remain in the US. Get current information about station availability, reliability challenges, Shell's exit, and the reality for hydrogen vehicle owners.



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PRODUCT INFORMATION



-  BATTERY CAPACITY
50kWh-500kWh
-  DC VOLTAGE RANGE
400V-1000V
-  DEGREE OF PROTECTION
IP54
-  OPERATING TEMPERATURE RANGE
-10-50°C

Hydrogen Fueling Stations

Find hydrogen fueling stations by location or along a route. Use the advanced filters to search for private and planned stations, as well as hydrogen fueling stations to match certain search criteria.

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Global Hydrogen Station Database 1Q 2025 800+ Stations

The Global Hydrogen database includes a complete list of hydrogen stations that have been deployed across various regions, along with extensive details regarding their characteristics.

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