

SolarInnovate Energy Solutions

Beijing Hydrogen Energy Station Construction



Overview

The construction of Beijing's first commercial liquid hydrogen refueling station has been launched and is expected to provide services for 300 hydrogen fuel cell commercial vehicles, which will promote the low-carbon energy transformation in Beijing's transportation sector and optimize the layout of hydrogen refueling stations. How many hydrogen refueling stations are there in China?

Infrastructure construction is a key link in the industrial chain. According to the National Energy Administration, as of June 2022, there were more than 270 hydrogen refueling stations in China, the highest number in the world, accounting for about 40 percent of the global total.

How many hydrogen fuel cell demonstration city clusters will Beijing build?

One target of the plan is to build five hydrogen fuel cell vehicle demonstration city clusters. Beijing, one of the core cities, has its own plan for the development of the industry.

What is the largest hydrogen refueling station in the world?

With a daily hydrogenation capacity of 4.8 tons, Hypower is the largest hydrogen refueling station in the world, said Wang Kun, a project leader of the Daxing International Hydrogen Energy Demonstration Zone. Phase 2, which kicked off construction in 2021, was put into operation at the end of 2022.

What is Beijing's hydrogen industry plan?

Beijing, one of the core cities, has its own plan for the development of the industry. The plan envisions the construction of an industrial chain ecosystem and a high-end hydrogen equipment manufacturing and application demonstration zone in the southern part of the city by 2025.

Which is the world's largest hydrogen station?

The Daxing hydrogen station equipped with Air Liquide technology is the

world's largest hydrogen station with a capacity of nearly 5 tonnes per day. Located in Beijing, it is part of a 200,000 square-meter International Hydrogen Energy Demonstration Zone which includes an exhibition hall opened to the public and inaugurated July 8 2021.

How is China promoting the hydrogen energy industry?

As China steadily pushes ahead with its green drive, the central and local governments are making efforts to promote the hydrogen energy industry, laying out specific hydrogen development plans to drive the industry.

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Air Liquide's technology chosen for the world's largest hydrogen

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Daxing International Hydrogen Energy Demonstration Zone Earns

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