

What is Sinopec Xinjiang Kuqa green hydrogen pilot project?

KUQA,China,Aug. 31,2023 /PRNewswire/-- China Petroleum &Chemical Corporation (HKG: 0386,&quot;Sinopec&quot;) completed the construction of the Sinopec Xinjiang Kuqa Green Hydrogen Pilot Project (the &quot;Project&quot;),China's largest photovoltaic green hydrogen production projectlately.

What will Sinopec Tahe petrochemical do with green hydrogen?

The green hydrogen will be suppliedto the neighboring 5 million mt/year Sinopec Tahe Petrochemical. It would include a solar power plant,with 300 megawatts installed capacity,a water electrolysis hydrogen production plant,hydrogen storage tanks and a hydrogen pipeline.

What is Sinopec doing in green hydrogen refining?

In the field of green hydrogen refining,Sinopec has been vigorously advancing centralized wind power and photovoltaic development,laying out mega-scale projects integrating renewable energy power generation,hydrogen production,storage,and utilization.

Will Sinopec become China's top hydrogen supplier?

With the aim to become China's top hydrogen supplier,Sinopec plans to invest Yuan 30 billion (\$4.71 billion) in developing carbon-free gas business between 2021 and 2025,while targeting to boost green hydrogen production capacity to 500,000 mt/year by 2025,Platts reported earlier.

Where is China's largest oil refiner building a green hydrogen plant?

[Photo/Xinhua]BEIJING -- The China Petrochemical Corporation (Sinopec Group),the country's largest oil refiner,said on Tuesday that it started the construction of a 20,000 tons-per-year green hydrogen plant in Northwest China's Xinjiang Uygur autonomous region.

Why should Xinjiang invest in hydrogen energy?

"Hydrogen energy is one of the sources of clean energy that has the most potential for development. This pilot project gives full play to Xinjiang's advantage in its wealth of resources and is a key project for Sinopec to build a No.1 hydrogen energy company.

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an important role. Photovoltaic systems and some other renewable ...

As part of the project, Sinopec will build a new photovoltaic power station with an installed capacity of 300MW and annual power generation of 618 million kilowatt-hours, an electrolyzed ...

PetroChina Tarim Oilfield Solar PV Park is a 200MW solar PV power project. It is located in Xinjiang Uyghur Autonomous Region, China. According to GlobalData, who tracks and profiles ...

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