

Kogan Renewable Hydrogen Demonstration Plant – CS Energy

Queensland Government-owned energy company CS Energy is developing the Kogan Renewable Hydrogen Demonstration Plant on Queensland's Western Downs.

The project is progressing with A\$28.9 million in funding from the Queensland Renewable Energy and Hydrogen Jobs Fund.

Powered by behind-the-meter solar energy, the demonstration plant will produce approximately 75,000kg of hydrogen annually and help to decarbonise heavy transport by linking into Australia's Hydrogen Super Highway.

CS Energy will also export hydrogen to the Republic of Palau as part of a collaboration between Sojitz Corporation and Nippon Engineering Consultants. IHI Engineering Australia, a subsidiary of IHI Corporation Japan, is constructing the demonstration plant. Works began in mid-2023 and commissioning is scheduled for later in 2024.

Nearby, CS Energy is also developing the 400 megawatt hydrogen-ready, natural gas Brigalow Peaking Power Plant at the Kogan Clean Energy Hub to provide crucial firming capacity to support more renewables entering Queensland's energy grid.



Image credit: CS Energy