Montevideo australia solar power



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Fotowatio Renewable Ventures (FRV) says its 300 MW Walla Walla Solar Farm in New South Wales, one of the Australian state"s largest solar projects, has started generating power. The milestone comes less than two years after FRV Australia reached financial close on the development.

Fotowatio Renewable Ventures Australia has said that the Walla Walla Solar Farm near Albury, New South Wales, has generated its first kilowatt-hour of clean energy. The 300 MW project marks a key milestone for the developer.

CEO Carlo Frigerio said the solar project, supported by a 15-year power purchase agreement (PPA) with Microsoft, will significantly contribute to meeting renewable energy targets in New South Wales once fully operational.

"The first kilowatt-hour from Walla Walla Solar Farm reinforces our commitment to delivering impactful renewable energy projects," he said. "This achievement not only supports Australia"s renewable energy goals but also strengthens our position as a key player in the sector."

FRV, owned by Abdul Latif Jameel Energy and Canadian pension fund OMERS, also secured AUD 1.2 billion in refinancing earlier this year for its Australian projects, which include eight solar farms across New South Wales, Queensland, and Victoria.

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Australia is fast advancing super large-scale renewable energy projects. The Western Green Energy Hub (WGEH) is one such project with InterContinental Energy, CWP Global and Mirning Green Energy Limited (MGEL) proposing to install around 70 GW of wind and solar PV capacity in Western Australia.

This capacity represents an increase of 20 GW over the 50 GW the trio had originally proposed for WGEH in July 2021, according to the Commonwealth Scientific and Industrial Research Organisation (CSIRO) (see 50 GW Hybrid Wind & Solar Power For Green Fuels).



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Project partners propose to install the project on Unallocated Crown Land and pastoral leases with around 35 solar PV farms and related infrastructure, and up to 3,000 wind turbines approximately 1.5 km to 2.5 km apart.

This capacity is aimed to generate up to 4 million tons of renewables-based hydrogen production/annum at full capacity, and ammonia production of approximately 22 million tons/annum.

"Presently, renewables-based ammonia production is the base case hydrogen vector; this is to be further investigated and optimised during the development stages of the project," according to CSIRO. "The full-scale proposal would be implemented within a development envelope approximately 22,690 square kilometres in size and may generate over 200 TWh of renewable energy, dependent on the mix and size of wind and solar capacities."

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