

# Canberra pumped hydro energy storage project tender

Which pumped hydro project will win a government tender?

The winning pumped hydro project is the 800 megawatt (MW), 15 hour (11,900 MWh) Phoenix project next to Lake Burrendong, near Mudgee in the central west renewable energy zone. It is being developed by Philippine-controlled Acen Renewables, which is showing a dab hand at winning government tenders.

Is pumped hydro a problem in South Australia?

Indeed, pumped hydro has been a struggle. A number of proposed projects for South Australia failed to get off the ground, the Snowy 2.0 project has suffered a massive blow out in costs and timelines, and only the Kidston project in north Queensland, which will be the first pumped hydro project in nearly four decades, appears to be going smoothly.

Why is pumped hydro important in Australia?

James Katsikas, EDF Australia, Chief Executive Officer - EDF "These discussions highlight the essential role of pumped hydro in ensuring the reliability and flexibility of Australia's renewable energy future. At EDF Australia, we are dedicated to leveraging our global expertise to develop projects like Dungowan Pumped Hydro.

What is a pumped hydro energy storage (PHES) project?

One of the awarded projects is a Pumped Hydro Energy Storage (PHES) project which is expected to have a registered capacity of at least 800 MW and a storage capacity of around 11,990 MWh (i.e., equivalent to ~15h nominal storage duration). It is the first time that a PHES project has been awarded an LTESA.

Are pumped hydro energy storage projects coming to Kidston?

Following the procurement and contractual close of the Kidston Pumped Hydro Project and Snowy 2.0, multiple pumped hydro energy storage projects have been announced, and are in the early stages of planning and procurement.

Should pumped hydro be used for long-duration energy storage?

WaterNSW has advocated for pumped hydro for long-duration energy storage (LDES) in New South Wales, owing to the various opportunities these sites could provide. To support the storage technology, WaterNSW launched the Renewable Energy and Storage Program.



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Web: <https://www.solarcomplete.co.za/contact-us/>

Email: [energystorage2000@gmail.com](mailto:energystorage2000@gmail.com)

WhatsApp: 8613816583346

