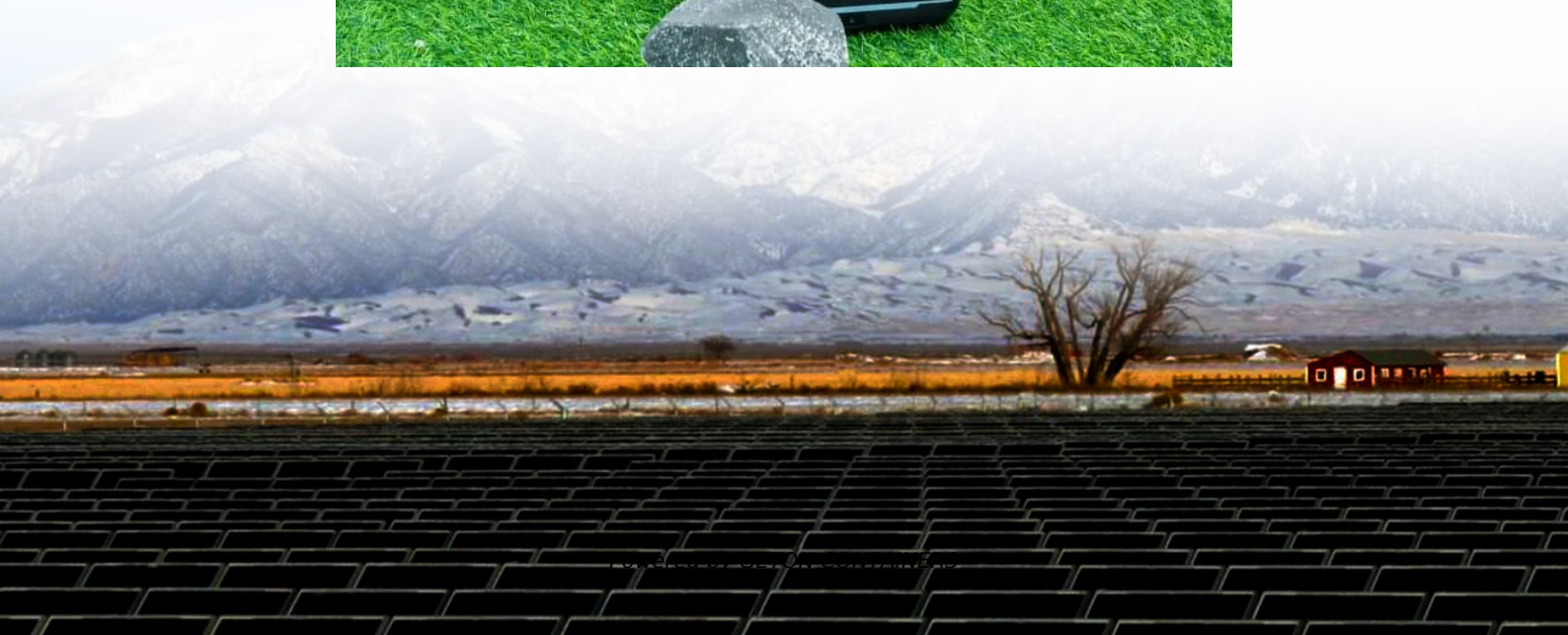


# Kingston Underground Energy Storage Project





## Overview

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What is the Kidston pumped storage project?

The 250MW Kidston pumped storage project is currently under construction and will be the first pumped hydro project in Australia for over 40 years. It will also be the first to be developed by the private sector and the third largest electricity storage device in the country.

What is Kidston pumped storage hydro?

Kidston Pumped Storage Hydro p. We're delivering engineering services for the design and construction of the ground-breaking 250 MW Kidston Pumped Storage Hydro project in a joint venture with Mott MacDonald as part of Queensland's AUD 62 billion clean energy plan.

How much electricity will Kidston pumped storage facility generate?

The Kidston pumped storage facility will store and dispatch 2,000MWh of electricity each generation cycle. It will generate enough electricity to power 143,000 homes for at least six hours. The project is expected to generate A\$343m (\$250m) in net public benefit to the local and national economy and create 900 jobs.

When will the Kidston pumped storage hydro project be completed?

Construction of the Kidston Pumped Storage Hydro Project is expected to be completed in the fourth quarter (Q4) of 2024.



## Kingston Underground Energy Storage Project

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### [Kidston Pumped Storage Hydro Project, Queensland, Australia](#)

The Kidston pumped storage hydro project (K2-Hydro) is a 250MW pumped storage power plant under construction in Queensland, Australia. It is Australia's first pumped ...

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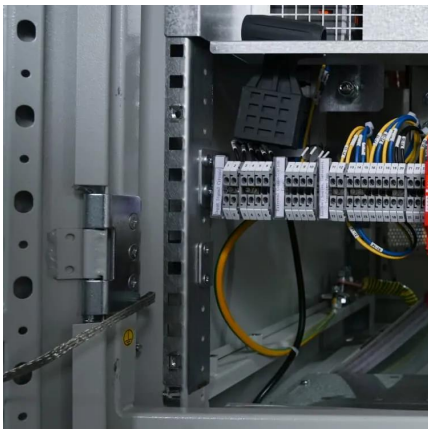
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### [Underground energy storage engineering](#)

Through the analysis, the significance and application prospect of the underground energy storage project for the transformation and development of clean and low-carbon energy ...

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### [Genex - Kidston Pumped Hydro Energy Storage - Lessons ...](#)

Genex is currently building Stage 2 of the Kidston Hub, which is the 250MW Pumped Storage Hydro Project, and aims to provide renewable energy storage and ...





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## Tesla Signs \$557 Million Deal to Build First Grid-Scale Megapack Energy

The timing of the project aligns with China's increasing focus on renewable energy and storage infrastructure, as the country looks to manage the intermittent nature of solar and ...

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## [Large-Scale Underground Storage of Renewable Energy ...](#)

Compared with aboveground energy storage technologies (e.g., batteries, flywheels, supercapacitors, compressed air, and pumped hydropower storage), UES ...

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## [Residential energy storage kingston](#)

Residential energy storage kingston Residential energy storage kingston As an active participant in Ontario's energy transition, Utilities Kingston is supporting a long-duration energy storage ...

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## Kingston Underground Energy Storage Project

How does a new energy storage system work? The project promises to store 500 megawatts of electricity for use during peak demand. Put simply, the system uses off-peak electricity to run a ...

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