



Why pumped hydro?

Clean energy storage is crucial to providing reliable and stable power for Queensland, to meet our growing energy demands.

Energy storage allows power generation to exactly match the needs of customers. Pumped hydro storage is key to this. By working as a large rechargeable battery and storing large amounts of energy for 24 hours at a time, it will help meet demand when the sun isn't shining or the wind isn't blowing.

In September 2022, the Queensland Government launched its *Queensland Energy and Jobs Plan* which aims to reach renewable targets of 70% by 2032 and 80% by 2035. Pumped hydro energy storage project at Borumba and the proposed Pioneer-Burdekin project are fundamental to achieving this goal.

Pumped hydro is one of the cleanest, cheapest sources of energy storage and will help transform our energy system to deliver clean, reliable and affordable energy for all Queenslanders. It's a tried and tested technology, accounting for 95% of energy storage worldwide.

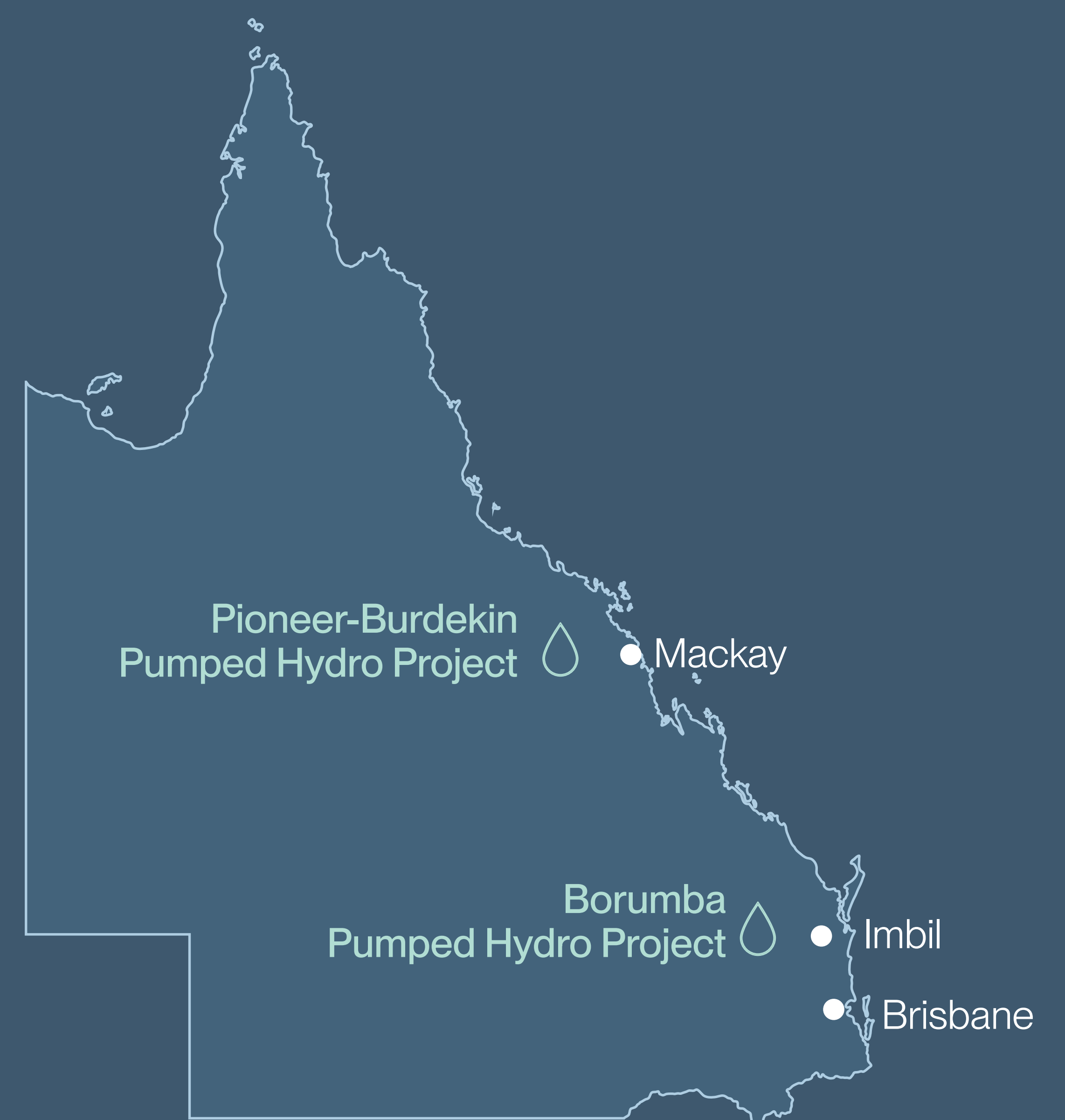
About Queensland Hydro

Queensland Hydro is a publicly owned organisation established by Queensland Government to design, deliver, operate and maintain long duration pumped hydro energy storage assets that will be the cornerstone for the transformation of the state's energy system.



To find out more

To find out more information scan the QR code or visit qldhydro.com.au



Borumba Pumped Hydro Project

- Located at Lake Borumba, southwest of Gympie near Imbil.
- Potential to generate 2,000 MW of power and provide up to 24 hours of energy storage.

Pioneer-Burdekin Pumped Hydro Project

- Located in the Pioneer Valley and the adjacent ranges in the Burdekin catchment
- Potential to generate 5,000 MW of power and provide up to 24 hours of energy storage.