

Battery of the Nation Investment and employment opportunity



Investment and employment opportunity

Investment

- Modelling shows the potential for a long-term pipeline of investment in regional areas of Tasmania, with between \$5-15 billion of investment in hydropower (including pumped hydro), new wind and electricity transmission over 10 – 20 years.

Social and economic contribution

- Developing pumped hydro energy storage projects will deliver an additional 2500 megawatts in Tasmania, doubling Tasmania's existing capacity and providing significant economic stimulus and regional employment for the state.
- As an example, up to 300 people could be employed on a pumped hydro energy storage construction project in jobs such as design and construction. This would be over the life of the construction period, which, on average, is estimated to be 3 - 4 years per site.
- There would be further positive economic flow-on effects for Tasmania.

Regional contribution

Hydro Tasmania has identified 14 pumped hydro options around eight lakes as the best pumped hydro energy storage opportunities in Tasmania.

The studies confirm that there's about 4800 megawatts of reliable and cost-effective pumped hydro potential in Tasmania.

The options are located in key areas around the Mersey-Forth catchment, on the West Coast and in central Tasmania.

Location	Pumped hydro options	Potential capacity
Mersey-Forth - Lake Cethana	5 options	Smallest 32 MW to largest 600 MW
Mersey-Forth – Lake Parangana	1 option	300 MW
Mersey-Forth – Lake Rowallan	1 option	600 MW
West Coast – Lake Murchison	2 options	84 MW and 500 MW
West Coast – Lake Margaret	2 options	300 MW and 800 MW
West Coast – Lake Rosebery	1 option	400 MW
Poatina – <i>yingina</i> / Great Lake	1 option	600 MW
Derwent – Lake Echo	1 option	200 MW

Hydro Tasmania will now investigate the 14 options in detail, to narrow them down to a smaller number of sites, representing a final list which would deliver 2500 MW additional capacity.

“We believe Tasmania is in a unique position to become the renewable energy battery of the nation, and we have a plan to make this a reality.

Building on our current renewable energy assets will create jobs, stimulate the economy, and most importantly provide renewable, reliable and affordable energy.”

Guy Barnett, Tasmanian Minister for Energy

Contact us

We welcome feedback! You can reach the *Battery of the Nation* team on 1300 360 441 or batteryofthenation@hydro.com.au.

The latest information is available at www.hydro.com.au/clean-energy/battery-of-the-nation.

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