

# The Hazelwood Battery.

**The privately-funded 150 MW/150 MWh Hazelwood Battery is fully committed and will connect to existing network infrastructure to support the transition to renewable energy at the site of the former Hazelwood Power Station in the Latrobe Valley.**

**Rapidly accelerating demand for battery assets to absorb renewable energy generation in the NEM means market conditions are now enabling projects to be financed and owned without subsidies.**



## The Hazelwood Battery.

- When complete, able to store and deliver 150 MWh of energy - equivalent to an hour of energy generation from the rooftop solar systems of 30,000 homes
- Targeted for completion and commercial operation by November 2022
- Deployed using Fluence's latest-generation Gridstack product - incorporating 342 modular, standardised factory-built Fluence Cubes and integrated edge controls software - providing industry-leading reliability and safety at all levels of the system
- The Fluence Cube is an enclosure that houses battery modules and a range of power electronics and safety equipment – as well as inverters, transformers, switchgear, and other plant equipment onsite
- Project will optimise dispatch using the AI-powered Fluence IQ Digital Platform – maximising both battery health as well as how the battery's services are bid into the NEM
- 20-year estimated project lifespan – built, operated, and maintained by Fluence, and with the capability to be augmented over time, or can potentially change storage technologies further in the future

## The Site.

- The Hazelwood Mining Licence covers around 4,000 hectares - an area larger than the existing Morwell township and bigger than the Melbourne Central Business District
- Established power generation site with access to 1,600MW of dormant transmission capacity
- Potential for Hazelwood site as a multi-use area, as the current zoning allows for a broad range of activities

## The Application.

- Providing flexible capacity to store and inject power to meet Victoria's peak energy needs
- Supplying grid stability services for all eight Frequency Control Ancillary Services (FCAS)
- Additional capabilities for future NEM FCAS markets including Fast Frequency Response (FFR)



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