

Wooreen battery

fact sheet

Wooreen battery is on the traditional lands of the Braiakaulung people of the Gunaikurnai nation. EnergyAustralia respects and acknowledges their continued connection to Country, culture and community.

Our commitment

EnergyAustralia has committed to building Australia's first four-hour utility-scale battery of 350 MW capacity – larger than any battery operating in the world today.

The battery is scheduled to be commissioned before the end of 2026, well in advance of the Yallourn power station's closure. The project will provide an economic boost for the Gippsland region, helping to secure Victoria's energy supply and enable more renewables to enter the system.

What do utility-scale batteries do?

Utility-scale batteries store low-cost electricity, such as excess renewable energy. When demand for power is higher and there is less low-cost renewable energy available, such as at night, the stored energy is available for use. This helps keep costs down for customers.

Battery storage can also help reduce the potential for blackouts and any need for load shedding when there is a supply imbalance. They're a cost-effective way of integrating renewable energy and ensuring energy remains reliable and affordable.

Proposed location

EnergyAustralia's gas-fired Jeeralang power station, located in the Latrobe Valley, has been selected as the preferred location for our battery development, based on land availability and optimal connection to the grid.

Modern utility-scale batteries use purpose-built containers that can be painted, positioned, and screened for minimal visual impact. Lithium-ion technologies have no noticeable vibration, emissions, and negligible sound.

Next steps

We have commenced feasibility studies that look at technical requirements and potential environmental impacts.

This process is expected to last approximately 12-18 months. The neighbouring residents and the Latrobe Valley community will be provided with information about the project and advised in advance of potential road and construction impacts.

It's early days. But we think a new utility-scale battery facility in the Latrobe Valley can deliver economic benefits to the region, as well as serve an important role in Australia's future modern energy system.



co-located at the Jeeralang power station



350 MW
for four hours¹



Li-ion
battery storage



220 kV
Jeeralang Terminal Station Connection



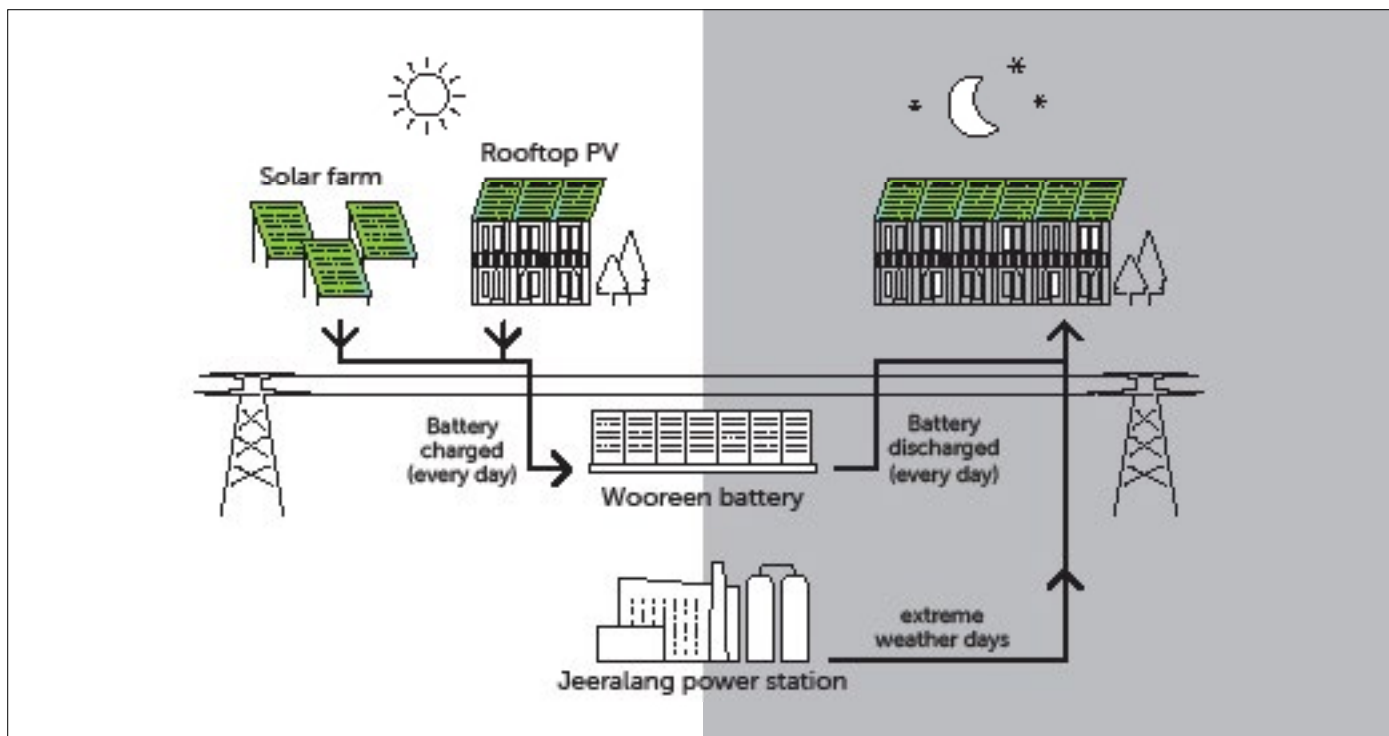
12-18
months construction



80+
jobs during construction

"Wooreen" is a Gunaikurnai language name meaning 'light'. EnergyAustralia was gifted this name by Aunty Doris Paton and the Gunaikurnai Land and Waters Aboriginal Corporation

¹ Based on forecast assumptions



Advantages

Reliability – storing energy provides cover on cloudy or windless days when renewables aren't available. When demand for power rises, utility-scale batteries can provide cover, helping to keep the lights on.

Supports renewable energy – the future system requires projects that are dispatchable, meaning they complement other energy forms, in particular renewables such as solar and wind. By drawing down electricity at times when lots of renewable energy is being produced, battery storage makes space for more renewable energy into the system.

Fast response – the quick release of stored energy during periods of high demand provides immense value in maintaining supply and keeping costs down.