

Merredin Big Battery Newsletter

Q1 2025

Project Overview

The Merredin Big Battery (MBB) is a joint development between Nomad Energy and Atmos Renewables. MBB is located approximately 7.5 km southwest of Merredin, a town 230 km east of Perth, Western Australia (WA). The project will be built across 3.5 ha on Robartson Road, next to the substation at the Merredin Solar Farm.

Tesla will supply, install, and commission the BESS Megapack units, including integration. As of March 2025, Genus have been selected as the projects preferred Balance of Plant (BOP) contractor. Western Power will manage the grid connection, linking the project to the existing transmission substation at the adjacent Merredin Terminal Station

This project will participate in WA's Wholesale Electricity Market (WEM), providing essential support to the grid and enhancing supply and system security.

Project Snapshot

Size
100MW/4 hour

Capacity
~800-1600MWh

Project Status
Late Stage Development

Design Life
25 years

Construction Period
18 months

Operational Date
Late 2026

Planning and Risk Management

The project secured development approval in April 2024 and for the past 12 months, we have been working to finalise procurement for the main construction contracts as construction is anticipated to commence in Q2 2025.



The impact of fire on vegetation has been considered in the project design, aligning with the Bushfire Management Plan and relevant regulatory guidelines. A comprehensive Bushfire Management Plan will be in place to mitigate fire risks associated with vegetation.



The potential impact of flooding has been thoroughly evaluated in the project design. A comprehensive Drainage Management Plan has been implemented to mitigate this risk effectively.

Next Steps for the Project



Economic Opportunities

Procurement for major construction contracts is well advanced, with construction expected to begin in June 2025 and commercial operations commencing by December 2026.

During construction, the project is expected to generate 40-50 direct jobs, with peak workers at site expected to reach 100 people. Approximately 2-4 permanent positions during its operational phase will be created, delivering significant economic benefits to the local community.

If you are interested in working on the project, please register your interest via our project website <https://atmosrenewables.com.au/contact/contractor-and-supplier-eoi-form/> or by emailing info@atmosrenewables.com.au



Community Benefits

The project will bring a positive economic contribution to the region by:

- Collaborating with First Nations stakeholders to create opportunities for First Nations businesses in the areas of procurement, training, employment, and tourism services
- Providing opportunities and encouraging local businesses, individuals, suppliers to register their interest in supplying goods and services for consideration by Atmos or our main contractors.
- Creation of up to 3-5 permanent jobs during the operational life of the battery.

MBB has committed to \$400,000 (\$200/MW/year) in shared benefits over the lifetime of the Project (20 years). A portion will be allocated to First Nation engagement, subject to further consultation and co-design.

Grants totalling \$30,800 have gone to community and sporting groups in Merredin for a range of local mental health, recreation and cultural initiatives, as part of the Merredin Big Battery Community Fund (MBBCF).



About Atmos Renewables and Nomad

Atmos Renewables is leading Australia's energy transition with ownership interests in over 1.8GW of operating renewable assets and a significant pipeline of developments, including wind, solar, and energy storage.

Nomad is a Perth based renewable energy developer and has a pipeline of utility scale renewable energy projects, representing over 1GW of planned SWIS-connected generation capacity by 2030, which will be accelerated towards commercialisation through this strategic partnership with Atmos.




Atmos Renewables is a member of the Clean Energy Council (CEC) and a signatory to the CEC's Best Practice Charter for Renewable Energy Developments.

How to get Involved

We want to ensure MBB benefits the local community and we value your input. If you have feedback or would more information, please contact us at:



 www.atmosrenewables.com.au

 info@atmosrenewables.com.au

