

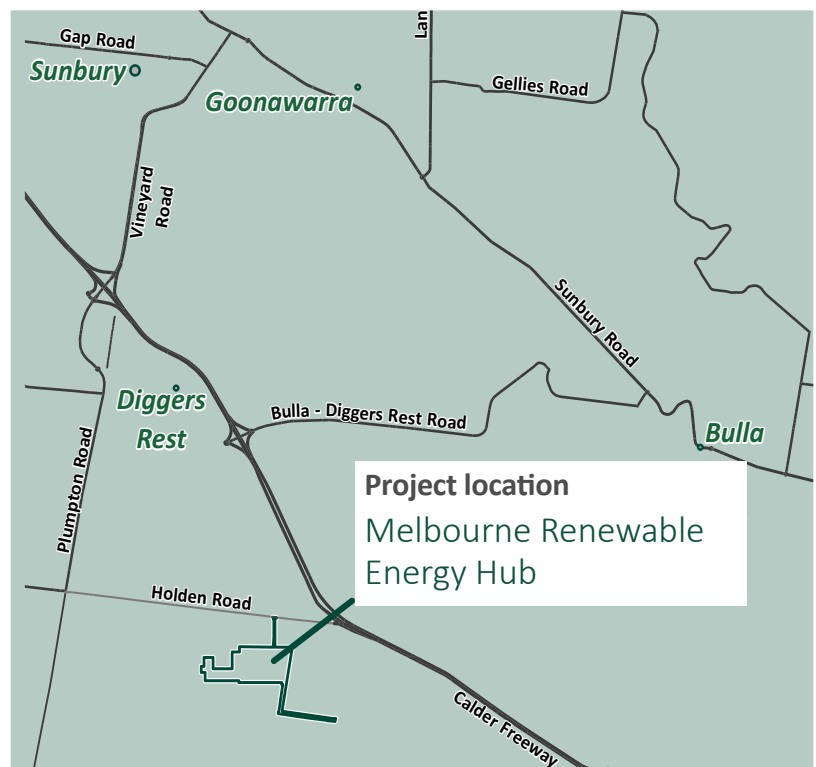
Melbourne Renewable Energy Hub (MREH)

Project Update 3 | August 2025



About the project

The Melbourne Renewable Energy Hub (MREH) is one of the world's biggest batteries. When it's completed in late 2025, it will be capable of delivering 1.6 gigawatt hours of energy storage – enough to power 200,000 homes during peak evening times. Equis Australia is delivering the project in partnership with Victoria's government-owned renewable energy company, the SEC. We are building the project on a 25-hectare site at Holden Road, Plumpton.



Our work so far

Several key construction milestones have been achieved over the past few months, ensuring the hub is on track for completion later this year. Developments have included:

- Completing the installation of all 444 battery units, called Tesla Megapacks.
 - Installing the Hub's three transformers, each weighing 335 tonnes. These transformers will be used to connect the battery to the grid.
 - Constructing three 33 kilovolt switch rooms which will be used to control and protect electrical equipment.
- Installing two 306 kilolitre fire-water tanks as part of the site's fire safety measures.
 - Installing a 1.75 kilometre underground 500 kV cable, an Australian-first for a battery energy storage connection. It will be used to connect the project to the grid via the Sydenham Terminal Station.

These achievements have been possible thanks to the more than 1,106 people, including 71 apprentices and cadets, who have worked on the site. They have worked on everything from building roads, foundations, underground services and drainage to installing the transformers and electrical cable.



One of the three transformers being installed at MREH for the 600MW Battery Energy Storage System (BESS).

What's next?

Work is underway to prepare for energising the Battery Energy Storage System from the grid. During the time between energisation and end of the year, the batteries will undergo performance testing with the Australian Energy Market Operator (AEMO) to ensure the battery operates correctly to provide much-needed, instantaneous energy storage and system stability support.

By the numbers



Powers up to **200,000** VIC homes



Supports renewable energy targets



Complete in late 2025



Stores up to **1.6 GWh** of energy

Engineering students from Engineering Australia during a recent site tour.



Year 10 students from Jackson School during a site visit earlier this year.



Education and skills development

MREH is building awareness, interest, and pathways in renewable energy jobs for Victorians of all ages. We've hosted a range of student and professional opportunities to showcase what a career in the renewables sector can offer.

We've engaged with students and teachers from Viewbank College, Engineers Australia, Jackson School and Melton Specialist School who were given a behind-the-scenes tour of MREH to learn about different career journeys and what it's like to work on one of the world's biggest batteries.

Students had the opportunity to hear from engineers and technical specialists first-hand including expert career advice from Equis site engineers and from construction company Symal Group, on the wide range of renewable energy job opportunities available.

We also hosted the Young Members Committee (YMC) of the Hong Kong Institution of Engineers (HKIE) as part of its 2025 Overseas Delegation themed "Optimizing the Harmony of Sustainability and Technology."

We have signed an MoU with Federation University to support Australia's energy transition, via scholarships and teaching aid, and have created a \$105,000 PhD scholarship to support a candidate research the contribution of energy storage systems to system security.

We have also worked with Melbourne University to help facilitate Australian Research Council Industry Fellowship program placements. In addition, 13 university students have worked with us as interns.

Key performance indicators



1106

Local workers
that worked on
the project



63%

Content and
infrastructure
supplied locally



6.9%

Priority job
seekers
employed



71

Apprentices,
trainees and
cadets



3%

First Nations (FN)
employment

Community benefit fund

The MREH community benefit fund will commence when our project is operational in early 2026, and will contribute financially to local community groups and organisations. We'll be sharing more about the community benefits fund later this year as we approach project completion.

Work with us

You can register to work with us as a contractor or supplier by visiting our engagement portal at equis.engagementhub.com.au/mreh.

Project timeline



Late 2023
**Construction
commenced**



Mid 2024
**Deliveries of battery
units started**



Late 2024
**All batteries
installed**



Mid-late 2025
**Testing and
commissioning**



Late 2025
**Supply of energy
to the grid**

Get involved

To let us know what you think or register your interest in opportunities, visit our engagement portal at equis.engagementhub.com.au.

Contact us



Call toll-free 1800 161 249 or office 7020 3320



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Visit energyinfrastructureaustralia.com/equis/mreh



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