



Melbourne Renewable Energy Hub

SEC has partnered with Equis Australia to deliver one of the world's biggest batteries in Melbourne's west.

The Melbourne Renewable Energy Hub began operations in late 2025, accelerating Victoria's transition to renewable energy.

The Hub is capable of providing 600 megawatts (MW) of capacity and 1.6 gigawatt hours (GWh) of storage, enough to power 200,000 homes during the evening peak period.

The system soaks up surplus rooftop solar and electricity from the grid. It charges when renewable energy is most abundant and discharges when supplies tighten, putting downward pressure on power prices.

The powerful battery units strengthen Victoria's electricity network as ageing coal-fired power stations retire. As well as safeguarding the power supply, this unlocks capacity for more renewable energy and helps to achieve Victoria's target of 95% renewable electricity by 2035.

SEC's \$245 million investment helped fast track construction and doubled the storage duration of one of the project's three battery components to four hours.

Delivered on time and on budget, the Hub created work and training opportunities for more than 1,200 individual workers, including over 70 apprentices, cadets and trainees.

The project prioritised local businesses, with more than a dozen Melbourne-based companies providing services and supplies such as electrical works, civil construction, traffic management, landscaping and construction materials.

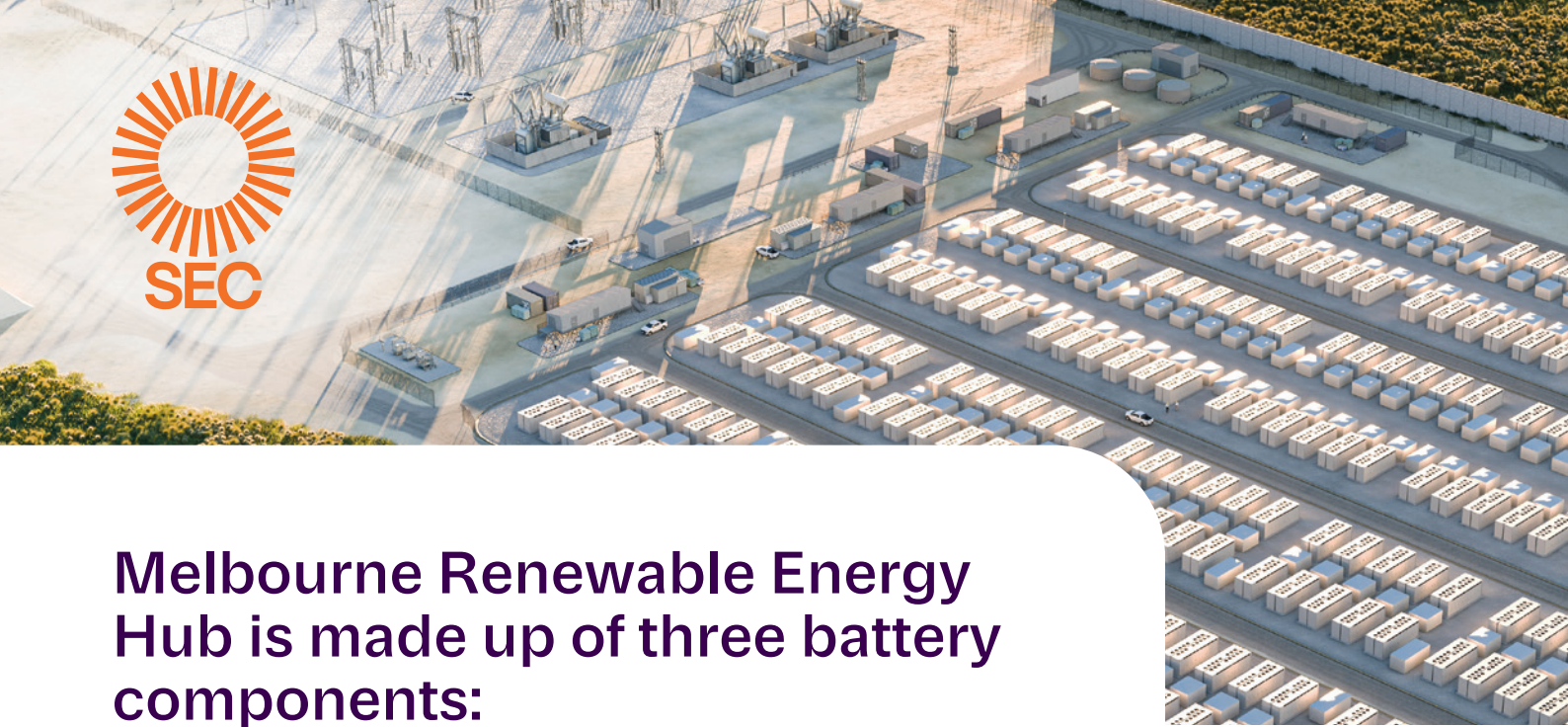
SEC and Equis Australia are supporting a Community Benefit Fund worth \$2.5 million, or \$100,000 a year for the operational life of the project.

Highlights

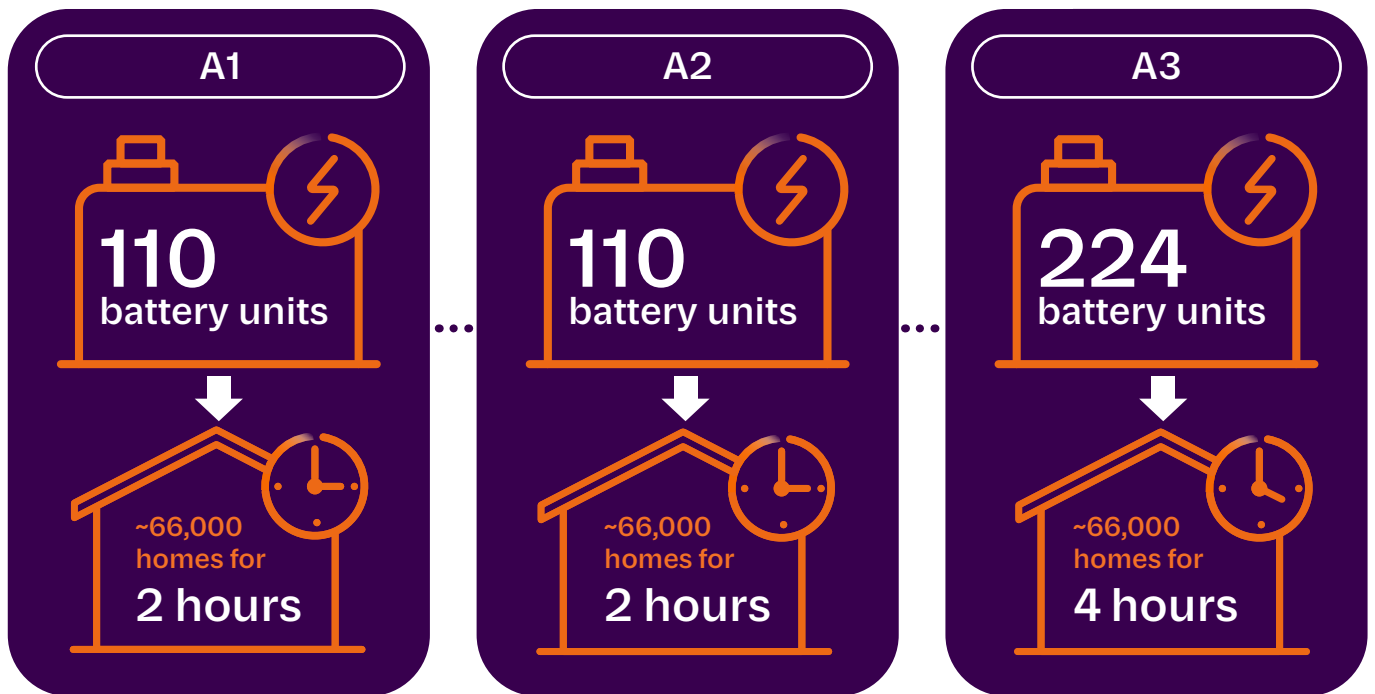
-  **Location**
Plumpton, Victoria
-  **Job creation**
175 full-time equivalent
-  **Benefit**
Powers 200,000 homes
-  **Work opportunities**
More than 1,200
-  **Project value**
\$1.1 billion
-  **Apprentices, cadets and trainees**
More than 70
-  **SEC investment**
\$245 million
-  **Battery technology**
444 Tesla Megapacks
-  **Project partner**
Equis Australia
-  **Storage**
Capacity: 600MW
Duration: 1.6GWh
-  **Completion**
December 2025

SEC Impact

- ✓ Upscaled one battery component to four hours
- ✓ Fast tracked construction
- ✓ Increased local content
- ✓ Enhanced local employment and training opportunities



Melbourne Renewable Energy Hub is made up of three battery components:



SEC is a government-owned renewable energy company. We are accelerating Victoria's renewable energy transition by working to deliver renewable, affordable, reliable energy for all Victorians. We're doing this in three main ways:

- investing an initial \$1 billion to deliver 4.5 gigawatts of renewable energy and storage
- providing Victorian businesses and industry with retail and wholesale electricity solutions to help them decarbonise
- supporting households to go all-electric to reduce their energy bills and emissions.

Underpinning all of this is our work to attract and build the renewable energy workforce our energy transition requires.



Equis Development Pte Ltd is Asia-Pacific's leading renewable energy investor, developer and operator with a successful track record of having developed over 240 projects across the region. In Australia, Equis is headquartered in Melbourne and employs over 50 staff located across Melbourne, Sydney and Brisbane. Equis' Australia portfolio includes 17 battery energy storage systems, 11 onshore wind projects and eight other projects across the country, totalling 9.6GW of renewable energy capacity for Australia.

