

FACT SHEET

Warrenheip Battery Energy Storage System (BESS)



Avenis Energy is proposing to construct and operate a Battery Energy Storage System (BESS) in Warrenheip Victoria (VIC), located approximately 5km east of Ballarat CBD and next to the Ballarat Terminal Substation.

The purpose of the development is to assist the national electrical grid at times of peak demand and in times of emergency.

The proposed project will have a maximum development footprint of 8 hectares and is expected to have a capacity of 240MW.

The Project

The Warrenheip BESS will utilise the latest technology in the sector, complying with all safety and hazard parameters that are highly regulated by the Australian Government. Design and layout of the project will be compliant with local planning laws and will specifically aim to minimise any potential environmental, cultural heritage and neighbour impacts.

240MW BESS including:

- Battery containers using lithium-ion technology
- Inverters
- Cooling systems if required
- Fire suppressions systems
- Switch rooms
- Switch yard
- On-site water storage
- Security fencing
- Parking site
- Site office and amenities for operational use.

Temporary infrastructure, including construction facilities, site offices and amenities, tool and material storage sheds, construction staff car parking, component laydown areas and truck parking and unloading would also be required.



The Benefits

The Project will ensure the ongoing supply of energy for residents, business owners and hospitals throughout the region. It will make a substantial contribution to the National Electricity Market and towards the government's target of zero emissions by 2050.



INCREASES CLEAN ENERGY STORAGE

Significantly contributes towards the VIC Government's next-zero emissions by 2050 target.



CREATE JOBS

Approximately 80-90 full time equivalent (FTE) construction jobs and 1-2 FTE operational jobs.



INCOME FOR LOCAL AREA

Diversify income and increase revenue to ancillary services such as food and accommodation to the local area.



Planning & Approval Process

The proposed Warrenheip BESS is in early investigation stages for a development application and is currently assessing the limitations and restrictions of the project. These findings will inform the final planning permit application. Once submitted, the Minister of Planning will decide whether to issue a development approval.

About Avenis Energy

Avenis Energy is dedicated to developing utility BESS projects and large-scale renewable energy projects that deliver clean, green energy into the transmission network, reducing reliance on fossil fuels and help minimise the impacts of climate change. Avenis prides itself on working closely with landowners, near neighbours, key stakeholders and the wider communities where our projects are proposed. The Avenis team has significant experience in the industry across all elements of the development cycle, from site selection, planning and permitting to engineering, construction and operation. The team has been working together since 2018 and is entirely dedicated to the Australian market, with a proven track record of developing high quality community sensitive projects.

QUESTIONS AND FEEDBACK

For more information and to register for project updates, please visit the project website at avenisenergy.com.au/projects/warrenheip or email the team at warrenheip@avenisenergy.com.au