

Koorangie Battery Powers Up: Unlocking Renewable Energy in Victoria's Murray River Region

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Sydney, Australia – Edify Energy is proud to announce Koorangie Energy Storage System (KESS) is now fully operational, importing and exporting electricity at its full nameplate capacity to the National Electricity Market (NEM). Located in the Gannawarra region of northwest Victoria, the advanced battery system delivers clean, more reliable energy to Victorian consumers.

- 185MW / 370MWh of large-scale energy storage
- Developed, designed and delivered by Edify Energy
- Constructed by Consolidated Power Projects (CPP)
- 100 Tesla Megapacks storing enough energy to power 350,000 homes for two hours
- Owned by Sosteneo SGR Spa on behalf of its clients
- 20-year System Support Agreement with the Australian Energy Market Operator (AEMO)
- 15-year offtake agreement with Shell Energy
- Brings together CBA, DNB and BNP Paribas in the provision of a long-term syndicated debt facility
- Over 520 jobs during peak construction

This landmark asset demonstrates the strength of collaboration in advancing Australia's energy transition. Through its System Support Agreement with AEMO, KESS provides essential grid stability services and enables up to 300MW of new renewable generation in the Murray River Renewable Energy Zone (REZ). The long-term offtake agreement advances Shell Energy's commitment to operational excellence and their investment in firming assets, that play a critical role in supporting Australia's decarbonisation and net zero future.

Developed and delivered by Edify in partnership with world-class contractors, the project supported over 520 construction jobs and 4 full-time operations staff. It is Edify's third major development in Kerang and the company's 12th utility-scale energy infrastructure project.

Local engagement with the Kerang community and Gannawarra Shire Council was central to the project's planning and delivery. The development aligns with the region's strong commitment to renewable energy, offering long-term community and economic benefits, including lower energy costs, job creation, and local business growth.

Despite its rich wind and solar resources, northwest Victoria has faced grid constraints that limit renewable energy exports. KESS addresses these challenges using Megapacks with Tesla grid-forming inverters, which maintain grid voltage and frequency—services traditionally provided by conventional generators. This technology plays a vital role in stabilising the network and unlocking the region's full renewable energy potential.

Quote attributable to John Cole, Executive Chairman, Edify Energy:

“This system seamlessly delivers critical system strength services to AEMO while dispatching clean, green electrons to the grid. It’s a powerful example of how advanced grid forming inverter and battery storage technologies can combine to solve some of the most complex challenges in Australia’s energy transition. KESS is our third project in Kerang and our 12th major energy infrastructure development to reach commercial operation —an achievement that reflects the dedication, expertise, and resilience of the Edify team.

We build long-term partnerships with industry, investors, government and communities, and KESS exemplifies our commitment to delivering projects that accelerate Australia’s energy transition to a low carbon electricity system.”

Quotes attributable to Lily D’Ambrosio MP, Minister for Energy and Resources:

“This project is a great example of the Victorian Government partnering with energy industry leaders to deliver the infrastructure we need for the transition to clean and affordable renewable energy.”

“We are proud of our role in this project, securing the system strength component of this advanced storage system, which will allow more renewables to connect to the grid in Victoria’s North West.”

“Our partnership with KESS is part of a \$480 million program to strengthen and modernise the grid so more renewable energy can flow to homes and businesses.”

Koorangie Energy Storage System is on the traditional land of the Barapa Barapa, Wamba Wamba and Yorta Yorta people, near the town of Kerang. Edify acknowledges the traditional custodians of this land, whose rich culture is deeply connected to the rivers, lagoons, creeks, and wetlands of their nation.

To read more about the Koorangie Energy Storage System head to the [project page](#).

Image credit Edify Energy:

[Koorangie Energy Storage System Image 1](#)

[Koorangie Energy Storage System Image 2](#)

[Koorangie Energy Storage System Image 3](#)

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About Edify Energy

Edify is a renewable energy and storage company, leading the industry in the deployment and operation of new energy generation, storage and grid infrastructure to support Australia's energy transition.

Delivering more than \$2 billion of investment in Australia, Edify has successfully developed and financed over 1 GW of utility-scale solar farms and battery energy storage systems and, in addition to projects currently in construction, is managing the operations of 6 solar farms and 4 battery energy storage systems that it has developed, financed and constructed. Collectively, its utility-scale solar farms produce enough electricity to power over 281,000 Australian homes and its battery storage systems provide system strength to the grid and are capable of powering 680,000 homes for up to 2 hours.

Edify is continuing to develop a large portfolio of renewable energy, storage and hydrogen projects and is committed to creating and delivering innovative clean green energy solutions.

Edify is involved in the full lifecycle of renewable energy and storage projects, including greenfield development, project structuring and financing, construction management and long-term operational asset management.