

## Fact Sheet

### Hughes Gap Battery Energy Storage System (BESS)

The Hughes Gap Energy Project is a proposed Battery Energy Storage System (BESS) located about 10 km north of Crystal Brook.

The BESS will have a 300 MW capacity and can store energy for up to four hours. That's enough energy to power more than 85,000 South Australian homes!

This project will help make our electricity grid cleaner, more reliable, and ready for the future.



Site Location

#### Acknowledgement of Country

ReEnergy acknowledges the Traditional Owners, the Nukunu People, and their continuing values, culture and connection to land, waters and sky. We pay our respects to Elders past and present.

#### Why is the BESS needed?

The Hughes Gap BESS will store renewable energy, like solar and wind, when there's plenty available and send it back to the grid when demand is high. Because it's connected to the grid, the BESS can respond quickly to changes in supply and demand. This helps keep the grid stable and reliable.

The proposed location was chosen as it is close to existing infrastructure like the ElectraNet transmission line and major highways.



### What will the BESS look like?

The system is made up of modular units that resemble a shipping container, containing thousands of smaller cells operating like a typical battery. These batteries use lithium-based technology to store energy safely.



### Sharing benefits with the local community

We believe in sharing the benefits of renewable energy projects with the communities we operate in. ReEnergy is committed to supporting local community initiatives through an annual Hughes Gap Community Benefit Fund.

	Annual community benefits fund (once construction commences)
	Approximately 50 full time jobs during construction
	Procurement of local goods and services
	Reliable energy supply



## Project Lifecycle

2024	Site Selection	We undertake research and early negotiations with landowners for options to lease or purchase sites that show potential for hosting renewable energy assets.
2025	Feasibility	We create preliminary designs and initial feasibility studies to identify site constraints. We commence early engagement with Traditional Owners, local Council, ElectraNet and other key stakeholders.
Early 2026 We are here!	Planning and Approvals	Extensive studies and surveys are undertaken to create a detailed design before submitting an application for an Associated Infrastructure Licence (AIL) from the Department for Energy and Mines (DEM).  Ongoing community and government consultations help refine project plans.
Mid 2027	Pre-Construction	If a licence is issued, we conduct a procurement process to appoint construction contractors. Grid connection agreements and energy contracts get finalised.
End 2027	Construction	The site mobilises, local suppliers & jobseekers are appointed and civil, mechanical and electrical works commence. The project becomes a reality as the construction team builds and commission the asset. Our community benefit-sharing programs begins contribution to local initiatives.
2028	Operations	We maintain the asset for at least 25 years to ensure strong energy generation and revenue optimisation.
2053	Decommissioning or Site Renewal	We decide on whether we continue operations or decommission the site. New construction works or site rehabilitation is undertaken.

ReEnergy is committed to engaging with the community throughout the development, construction and operation of our projects. Community feedback will form an important input to the design and planning for any update to the Hughes Gap BESS, and we continue to engage closely with our neighbours and host landholders.

For more information, please visit [hughesgapenergy.au](https://hughesgapenergy.au) or if you have any questions or would like to subscribe to our newsletter mailing list, please contact the Project Team via email at [hughesgap@reenergy.com](mailto:hughesgap@reenergy.com)