

Windorah Solar Farm and Battery Project Update

February 2026

Powering ahead: Windorah's energy future takes shape

Laying the foundation for Windorah's new battery

Since the completion of the Windorah Solar Farm in 2025 - see Figure 1 - the project team have been focussed on the next stages of the project.

Locals may have seen a bit of action on site recently, with our contractors progressing the last phase of civil construction work.



Fig 1 – A birds-eye view of the Windorah Solar Farm.

This phase of civil works delivered the foundations for Windorah's Battery Energy Storage System (BESS), and the conduits for the electrical and communications cables, that will run between the solar farm, the battery and the power station – see Figure 2.



Fig 2 – Civil work for the BESS foundations and conduits is complete

Windorah Battery Progress

While it was all action stations on site at Windorah, there was plenty of action going on behind the scenes too. Our Brisbane based specialist battery manufacturers have been busy at their factory building the BESS.

The Windorah BESS is basically a big rechargeable battery, comprised of many smaller batteries – see Figure 3 - that will store energy generated by the solar farm during the day. The energy stored in the batteries can then be used later when it's needed – like at night when the sun is not shining.



Fig 3 – Inside one of the BESS cabinets – several smaller batteries connected together

The BESS will also play a key role in helping to smooth the power output from the solar system, which can be intermittent when cloud passes over.

And in another project milestone, the Ergon team recently visited the battery factory to complete factory acceptance testing with the manufacturer – see Figure 4.



Fig 4 – Factory Acceptance Testing at the manufacturer's workshops in Brisbane

Now the factory acceptance testing is complete, the BESS is being prepared to be transported to site at Windorah. The BESS is scheduled to leave the factory in the first week of February.

When the BESS arrives in Windorah, the battery will be lifted into position and work will begin to connect it to the solar farm and the Windorah power station.

Then the commissioning phase will begin. To commission the BESS and solar farm into the local network, the Ergon team will conduct a series of integration tests to ensure the solar farm, battery, diesel generators and surrounding network, all operate safely and seamlessly together.

Integration testing is scheduled to commence in early March, with the system expected to be operational in April.

Getting in touch with us

Want to know more? You can [visit our project webpage](#) for more information. Or contact our Senior Community Engagement Advisor, Kate Austin on 1300 653 055 or email us at:

NetworkProjectEngagement@energyq.com.au