



Fact sheet | Koolunga

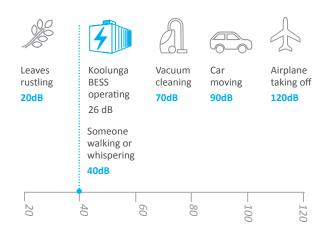
# **Battery Energy Storage System (BESS)**

Managing Noise, Visual, and Traffic Impacts FAQ

# Will the BESS generate any noise?

Our BESS at Koolunga will make some noise when it charges and discharges. From a distance of 900 meters, the Koolunga BESS will typically emit a noise level of about 26 decibels, similar to the noise level of someone walking or whispering. The main noise comes from the BESS's cooling fans which help regulate the operating temperature and sounds like an air conditioning unit.

#### Noise levels for different elements



# How will noise be managed?

We have engaged independent technical experts to conduct extensive noise modelling and assess potential impacts to the nearest residential areas during construction and operation. This will ensure we meet the required noise standards. While the modelled noise for the Koolunga BESS is generally below the required thresholds for a residential area, we are committed to meeting

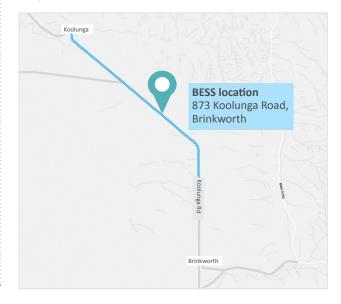
the relevant Environmental Protection Authority's noise standard. We will employ mitigation measures, such as noise mounds or barriers (if needed).

# Will the BESS have any visual impact?

A BESS facility may have minor visual impacts depending how big it is, where it is located, how close it is to residents, and the amount of change to landscapes, views, or land use.

Our proposed BESS facility will be located at 873 Koolunga Road, Brinkworth, South Australia. It will be about 900 meters from the nearest dwellings, and should have little to no visual impact on nearby residents.

### **Project location**



#### **Need more information**

- Call (+61) 3 7020 3323
- Visit www.equis.com.au
- **@** Email AUProjects@equis.com
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The information contained in this document is accurate as at the date of the document.





# How will visual impacts be managed?

We engage technical experts to assess the site for any visual impacts. They assess a range of factors, including the number of people affected, changes to the landscape and views, extent of size and scale, and duration of project, use of land, and distance of the project to residents and public spaces. We also engage with local communities, providing them the opportunity to give feedback and raise concerns about any visual impact relating to the project in their area.

# Will the BESS have any impacts on traffic?

We anticipate minor project-related traffic to occur during the construction of our BESS facility. Changes to traffic conditions may include:

- Increased traffic
- More heavy vehicles
- Temporary access and route detours
- Slower travel speeds.

# How will potential traffic impacts be managed?

We will also engage independent technical experts to assess and mitigate traffic and transport impacts. They will assess local roads, intersections, and existing traffic volumes and estimate project-generated traffic.

This assessment will inform our Environmental Impact Statement (EIS) and the Construction and Environmental Management Plan (CEMP) for the Project.

We will undertake mitigation measures to reduce any identified impacts during construction and operation of our BESS facility. This includes preparing and implementing a Traffic Management Plan (TMP) in consultation with the Government transport agencies and Councils. We will follow this plan to ensure we manage traffic appropriately to minimize any impacts on local roads and residents.

# How can I provide feedback or raise a concern about your project?

You can email us at *AUProjects@equis.com* or phone (+61) 3 7020 3323 to provide feedback or raise a concern about our project in your area so that we can understand and try to address your concern.

#### How can I learn more about your project?

You can learn more about our projects by:

- Visiting our website
- Registering on our engagement hub
- Attending a project information session.

We will publish project information and updates in our newsletters, emails, and fact sheets which will be available from our website and engagement hub.