

Birriwa Solar

Renewable Energy from ACEN

LOCATION:

Central-West Region
NEW SOUTH WALES

AT A GLANCE:



Contribute to renewable
NSW renewable energy targets



Power up to **262,000**
average Australian homes



Employ and **buy local**
commitment



Installed capacity of
up to **600MW**



Battery Energy Storage System used for storing
energy when it's needed



Shared benefits
through **community**
benefit funding



Up to **500 jobs** during
peak construction

About the project

The Birriwa Solar and Battery Project is a **600-megawatt renewable energy project** that was approved for construction by the Independent Planning Commission in **August 2024**.

The solar component of the approved project will have a capacity of around 600 megawatts (MW) with the centralised Battery Energy Storage System (BESS) of up to 600 MW for 2 hours. The BESS will enable energy from solar to be stored and then released during times of demand. The project is proposed to connect to the Sandy Lane Energy Hub and the transmission line proposed by EnergyCo NSW.

Project modification

Since approval, the project team has been finalising elements of the project to prepare for construction. As a result of these opportunities and the securing of additional land, ACEN Australia submitted a modification for approval to the Department in August 2025.

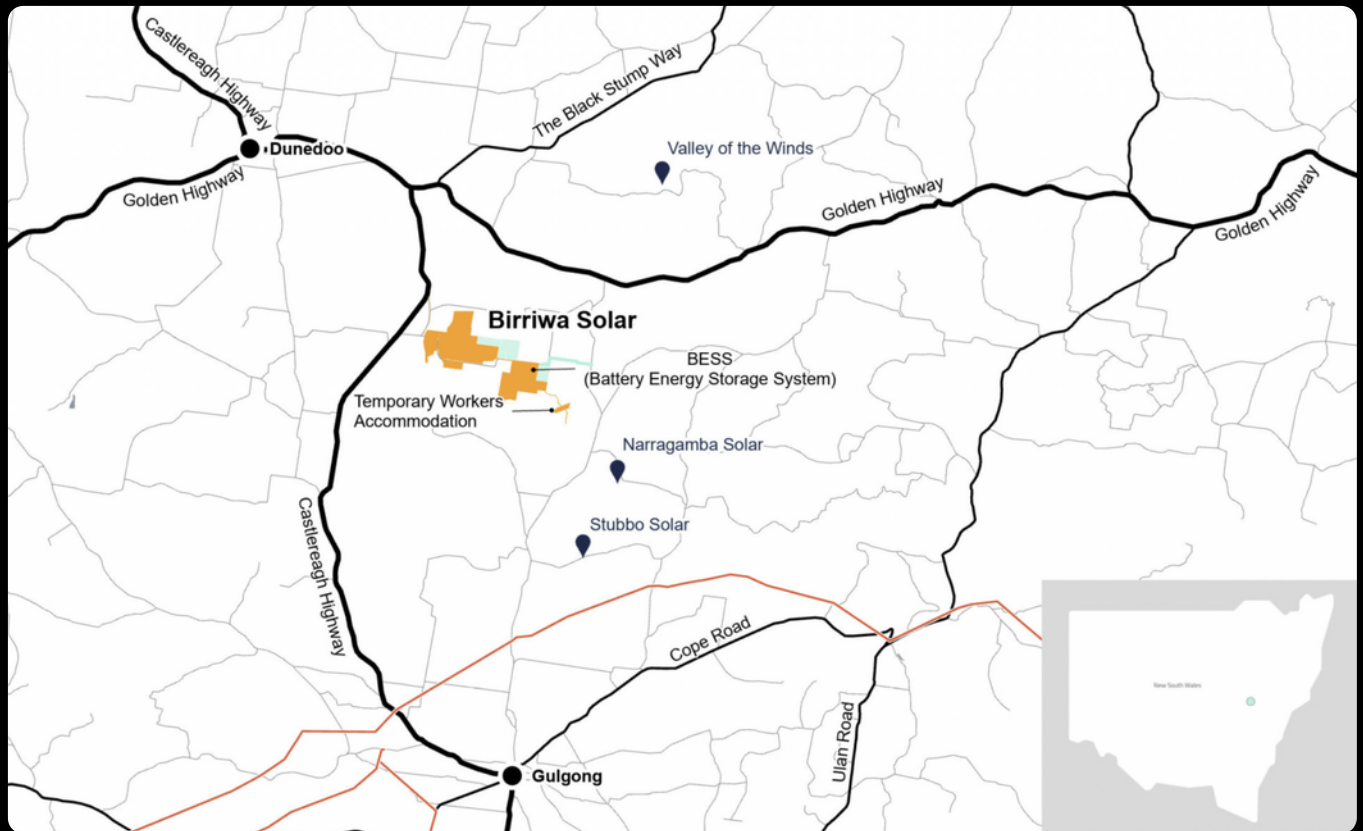
The modification application proposes:

- An alternative access route for the construction and operation of the accommodation facility and the BESS
- Alignment with roads used by EnergyCo for CWO REZ infrastructure, meaning we can better manage the impact of construction traffic on local roads
- An increase in BESS storage capacity and duration, from up to approximately 600 MW for 2 hours to approximately 900 MW for 4 hours.
- An increase in peak construction jobs from 500 to 650

As of August 2026, the project team is waiting an outcome of the modification application.

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Modification 1: Additional footprint and Alternative Access via Birriwa Bus Route South

Approved Development Footprint
Modification Area

Other ACEN Projects
Town
Existing Transmission Network

Minor Road
Secondary Road
Principal Road

0 10 km



The Birriwa Solar and Battery Project is a **600-megawatt renewable energy project** that was approved for construction by the Independent Planning Commission in late **August 2024**.

The solar component of the project will have a capacity of around 600 megawatts (MW). The project also includes a centralised Battery.

A temporary workforce accommodation facility will be constructed for the construction workforce on the south-eastern side of Barney's Reef. It would be located approximately 1km south of EnergyCo's Sandy Lane Energy hub.