



# Daroobalgie Solar Farm

## Solar Energy

Australia is one of the best places to generate energy from the sun because it receives the highest average solar radiation per square metre of any continent on earth.

Daroobalgie Solar Farm will convert sunlight into electricity using solar photovoltaic (PV) technology.

Solar PV cells are made of silicon and are combined into panels. This same technology is used on a smaller scale by households and businesses across the country.

By generating electricity from an abundant source like the sun, the Daroobalgie project will help achieve a reliable, affordable, and clean energy future for New South Wales.

## About the Project

Daroobalgie Solar Farm is a renewable energy development being proposed by Pacific Hydro.

The proposed project is located 10km north-east of Forbes and 300 km north-west of Sydney in Forbes Shire Council, New South Wales.

Daroobalgie Solar Farm is expected to have a generating capacity of approximately 100 Megawatts, enough to power roughly 34,000 homes.

Battery storage is also being considered for the project.

The proposed Daroobalgie site also has several important characteristics that make it suitable for a solar farm including:

## Site Characteristics

- Strong location for efficient capture of energy from the sun, with initial modeling showing an average of 1,848 kilowatt-hours of sunlight per square metre each year;
- High potential for connection to nearby substations and transmission lines, making it possible to export electricity generated to Australia's National Electricity Market (NEM);
- Flat terrain with minimal trees and vegetation. The property is currently used for livestock grazing and cropping;
- Excellent transport links, with options for both road and rail haulage.

**Applications for large scale renewable energy projects in New South Wales are assessed by the Department of Planning and Environment**

**Pacific Hydro is in the early stages of preparing a scoping report that will be used to inform the development application and Environmental Impact Statement for the project.**





**The project is expected to deliver many local economic benefits, with more than 150 workers required onsite during construction.**

### Local Benefits

Pacific Hydro has a strong track record of delivering lasting social, environmental, and economic benefits to the local communities in which our projects are located. These include:

- a significant number of direct jobs during construction
- generating local economic activity during construction and operations
- opportunities for local businesses and suppliers
- support for community-led projects and initiatives

The project is expected to deliver a boost to the local economy with more than 150 workers required onsite during construction.

Approximately 4-6 permanent jobs will be required to ensure the effective operation of the solar farm, with further contractor opportunities also anticipated.

### Business Opportunities

Local suppliers and contractors may also be engaged for the construction and delivery of the project wherever possible; and are encouraged to register their interest and capabilities with us.

These jobs will help to diversify local skills and economic output for the region, complementing the agricultural industry and contributing to the prosperity of the local economy.

### Community Investment

Pacific Hydro is proud to further support communities that host our clean energy projects through our industry-leading Community Investment Program, which delivers a portion of the project's revenue back into our local communities each year.

At its core, the program aims to empower local communities to identify the projects and initiatives that we should support.

Across our projects in operation, a range of methods are used to achieve this aim (such as community funds and sponsorships), tailored to the specific needs of each area and involving the community.

Since its launch the project has delivered over \$3.1 Million to over 700 community-led projects across regional Australia.

### Community Engagement

A key part of Pacific Hydro's successful delivery of projects is the way we engage and involve our neighbours, communities, and stakeholders throughout all stages.

This involvement ensures that valuable local knowledge and perspectives are understood and considered by the project team and the business.

Members of the community and stakeholders will be provided with opportunities to be involved as the project planning progresses.

### About Pacific Hydro

Founded in Australia in 1992, Pacific Hydro is a global owner, operator and developer of renewable energy assets.

Pacific Hydro is owned by State Power Investment Corporation (SPIC) through State Power Investment Overseas Co. Ltd of China (SPIC Overseas).

### Contact Us

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