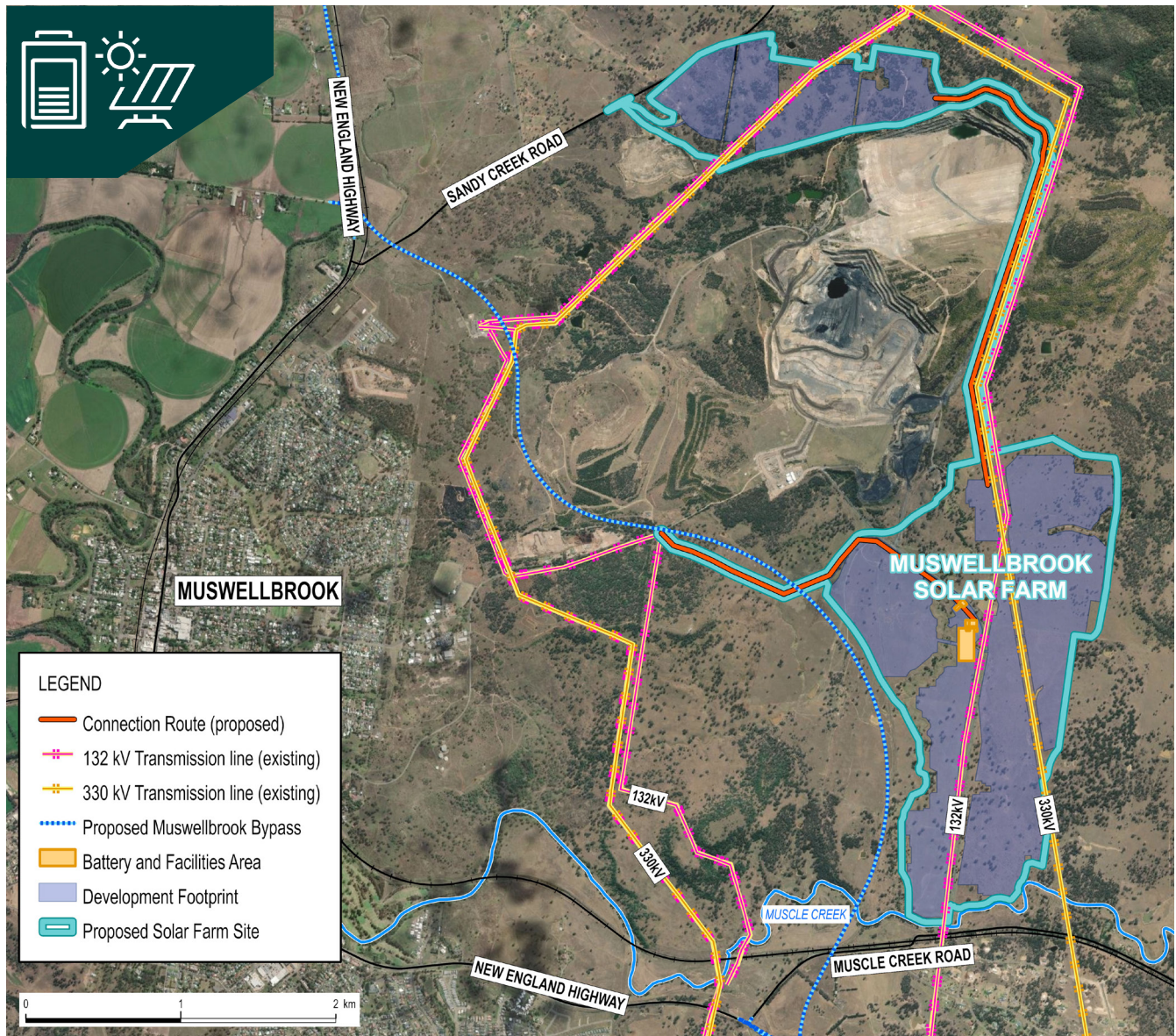


Muswellbrook Solar Farm and Battery Project Information Sheet

August 2025



The Project

OX2 is progressing the approved Muswellbrook Solar Farm, featuring a 135MW solar farm and a Battery Energy Storage System (BESS) of up to 135MW across 482 hectares. The project is located approximately 2.5km east of Muswellbrook, with the majority on the site being land owned by Muswellbrook Coal Company (MCC), a wholly owned subsidiary of Idemitsu Australia Pty Ltd. The project is being developed in partnership with Idemitsu.

The project is located within the Hunter Central Coast Renewable Energy Zone (REZ). It will connect to NSW's electricity network via a tee connection into the 95 M feeder, a 132 kV overhead line to the west of the site. This will require construction of approximately 2.4 km of 132 kV overhead line and a 132 kV switching yard.

Battery Energy Storage System

Covering 2.1 ha of land the BESS will act as a large-scale power supplier and connect to NSW's electricity

transmission grid. It will store up to 135MW of energy which can supply approximately 2 hours of electricity.

The BESS will store energy for use when it's needed most. It will provide reliable and affordable power, helping utilities quickly deliver electricity during peak times, outages, or shortages. This will improve energy security for NSW.



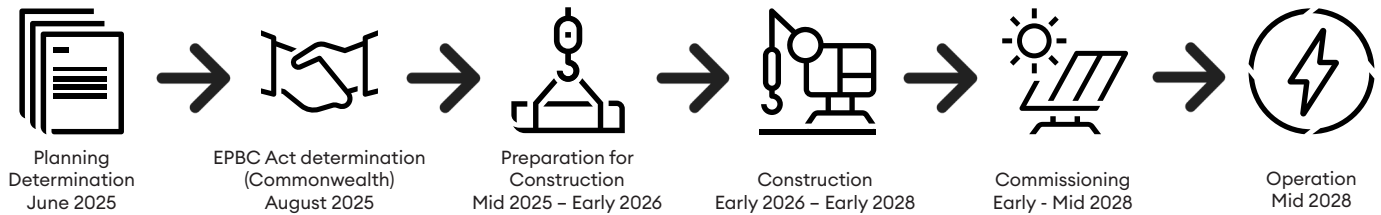
Idemitsu

Idemitsu has been operating in Australia for more than 40 years as a subsidiary of Japanese company Idemitsu Kosan, which has a long history with renewable energy projects in Japan.

Muswellbrook Solar Farm is part of the Idemitsu proposed Muswellbrook Clean Industries Precinct (MCIP). The plans for MCIP, include the Bells Mountain pumped hydro energy storage project, which Idemitsu is developing with AGL Energy.

Project Status

We are currently in the early stages of preparing the project for construction which we anticipate will start in mid-2026, and operations in 2028. The estimated timeline for the Project's lifecycle includes the following key phases:



Planning Approval Process

The project has been approved by the NSW Minister for Planning under the Environmental Planning and Assessment Act 1979 (the EP&A Act).

The project was approved in March 2025.

The Project was referred the Department of Energy Efficiency, Climate Change and Water under the Environmental Protection and Biodiversity Act 1999 (EPBC Act) for Commonwealth approval.

Fast Facts

Local Government Area	Muswellbrook Shire Council
Location	2.5km east of Muswellbrook
Traditional Custodians	Wonnarua People
Solar Farm Capacity	135 MW
Energy Production	347 GWh
Footprint Size	482 hectares / 1191 acres
Number of panels	Approximately 300,000
Size of Battery	Up to 135MW / 2hours
Number of containers	Approximately 108
Homes supplied	Approximately 79,000
CO2 saved over operational life	Approximately 7.6mil
Jobs created during construction	Up to 200
Jobs created during operation	Up to 6

Project Benefits

The Project is expected to deliver affordable, clean, and reliable electricity for NSW while offering economic, social, and environmental benefits, including:

- Powering up to 79,000 NSW's homes with clean energy.
- Storing up to 135 MW of energy to provide approximately 2 hours of electricity.
- Creating up to 200 jobs during construction and 6 operational roles.
- Funding community benefit programs via a Voluntary Planning Agreement (VPA) with Muswellbrook Shire Council.
- Enabling greater integration of renewable energy into the grid to help reduce market volatility.
- Reducing up to 7.6 million tonnes of carbon emissions, avoided yearly.
- Supporting NSW's renewable energy targets of 70% by 2035 and net zero by 2050.

The information provided in this factsheet was accurate at the time of publication; however, some details may change as the project progresses

Community Benefits

OX2 is committed to delivering long-term benefits to the communities where our projects are located.

As part of this commitment, the Muswellbrook Solar Farm will contribute \$850 per megawatt of installed capacity annually to a Community Benefit Sharing Program, as outlined in a Voluntary Planning Agreement (VPA) with Muswellbrook Shire Council.

Please contact us using the details below or via our website, for additional information.

Powering the great shift

