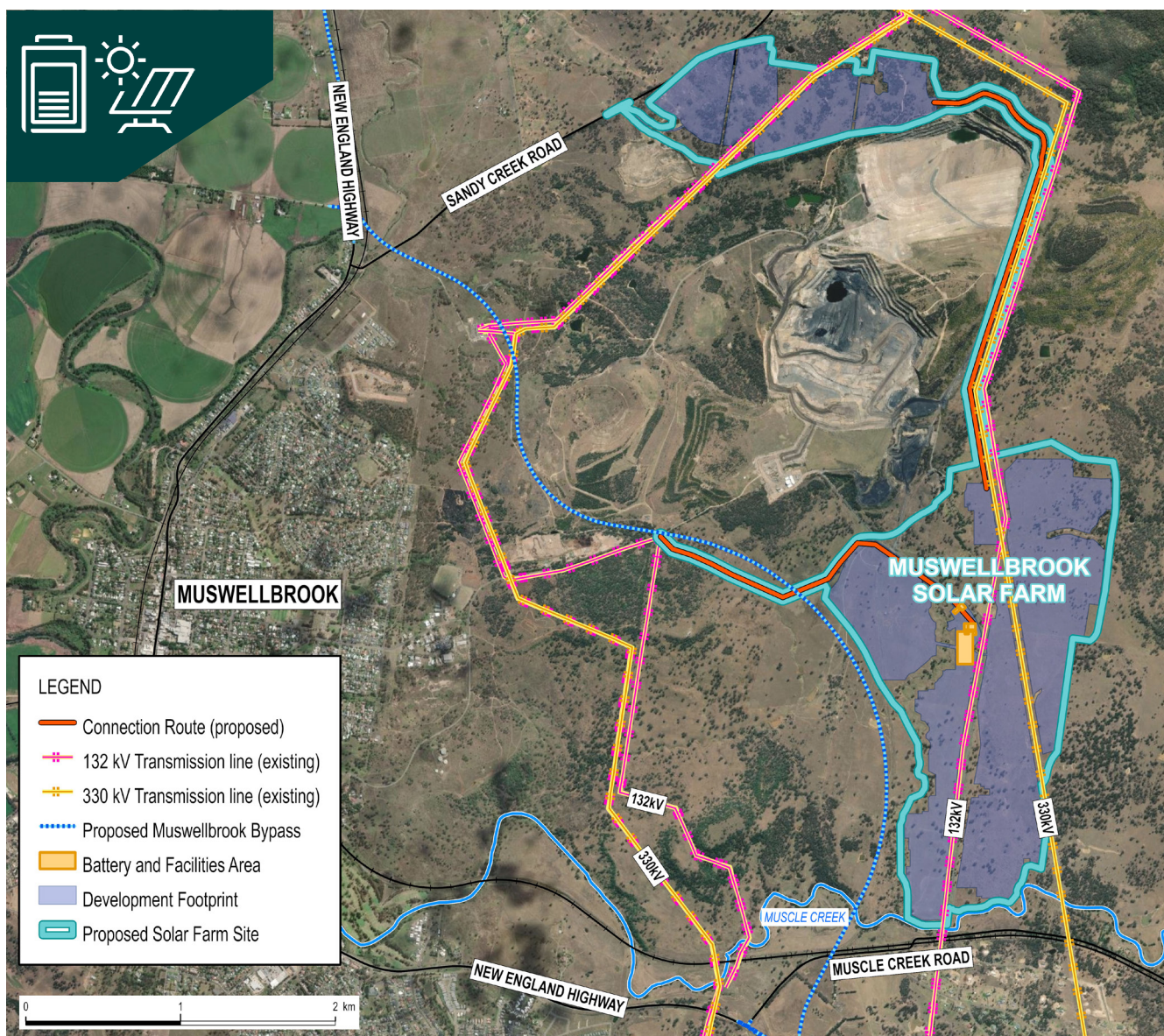


# Muswellbrook Solar Farm and Battery Project Information Sheet

April 2026



## The Project

OX2 is constructing the approved Muswellbrook Solar Farm, featuring a 135MW solar farm and a Battery Energy Storage System (BESS) of approximately 100MW 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. .

Idemitsu Australia co-developed the Solar Farm and Battery with OX2 and remain a long term landholder of the project site.

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

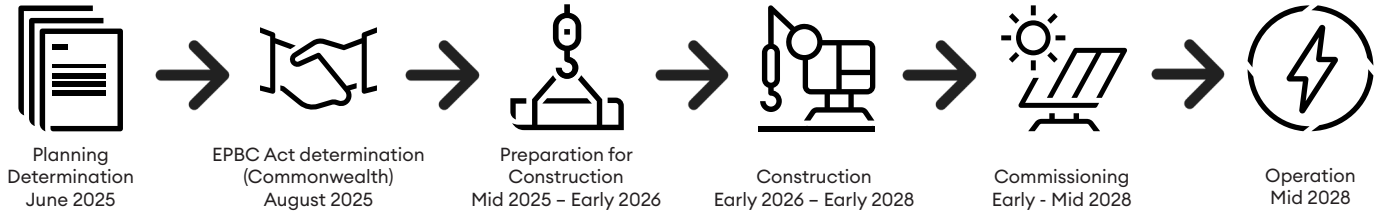
Covering 2.1 ha of land the BESS will act as a large-scale power supplier and connect to NSW's electricity transmission grid. It will store approximately 100MW of energy which can supply approximately 2 hours of electricity.

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.

The Project is expected to deliver affordable, clean, and reliable electricity for New South Wales while offering economic, social, and environmental benefits.

## Project Status

We are currently 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 approved by the Commonwealth Department of Energy Efficiency, Climate Change and Water under the Environmental Protection and Biodiversity Act 1999 (EPBC Act) in August 2025.

## Fast Facts

<b>Local Government Area</b>	<b>Muswellbrook Shire Council</b>
<b>Location</b>	<b>2.5km east of Muswellbrook</b>
<b>Traditional Custodians</b>	<b>Wonnarua People</b>
<b>Solar Farm Capacity</b>	<b>135 MW</b>
<b>Energy Production</b>	<b>347 GWh</b>
<b>Footprint Size</b>	<b>482 hectares / 1191 acres</b>
<b>Number of panels</b>	<b>Approximately 300,000</b>
<b>Size of Battery</b>	<b>Approximately 100 MW</b>
<b>Number of containers</b>	<b>Approximately 108</b>
<b>Homes Supplied</b>	<b>Approximately 52,310</b>
<b>Project Life</b>	<b>40 years</b>
<b>Jobs created during construction</b>	<b>Approximately 200 (peak)</b>
<b>Jobs created during operation</b>	<b>6 permanent and 3FTE</b>

## 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 52,310 NSW’s homes with clean energy.
- Storing approximately 100 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 and net zero targets.

*The information provided in this factsheet is 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.



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Cremorne, VIC 3121  
1800 116 155



The project is located within the Traditional lands of the Wonnarua people. OX2 wishes to acknowledge them as Traditional Owners of the land and pay our respect to Aboriginal and Torres Strait Islander people past and present. We acknowledge their continuous connection to Country and wish to work together in the spirit of reconciliation.



Signatory of the CEC Best Practice Charter for Renewable Energy Projects

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