



Project overview

The proposed Meadow Creek Solar Farm is located around 27km south-east of Wangaratta.

At around 566 hectares, the site could host up to 330MW of solar power – powering around 110,000 homes.

The site will also host at 250MW Battery Energy Storage System at the site.

This proposal is currently in the early stages of Planning.



This project investigation area is indicative only and subject to change.

ENVIRONMENTAL ASSESSMENTS AND PLANNING APPROVALS

Before the project can be built, we'll complete extensive technical assessments to understand the potential impact of the project.

Technical assessments will cover a range of topics including visual amenity, traffic and transport impact, hydrology, agriculture, cultural heritage and ecology.

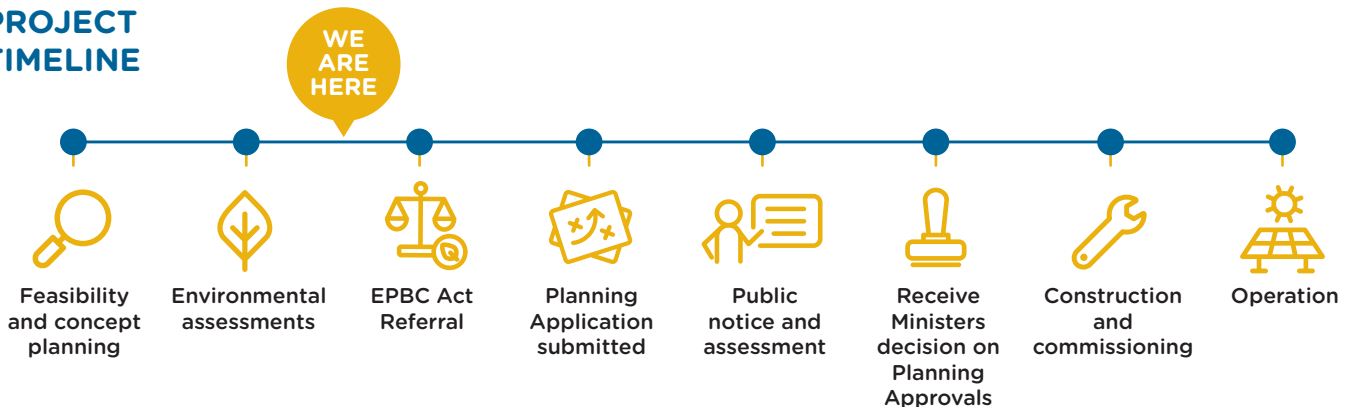
Once the project has completed detailed assessments, a Planning Application will be submitted to the Minister for Planning via Department of Transport and Planning for assessment.

BATTERY STORAGE AT MEADOW CREEK

Battery Energy Storage Systems (BESS) work by storing excess energy generated by renewable energy when there is low demand in the network. The energy is then released during high demand periods where it is needed most. The BESS will also deliver Frequency Control Ancillary Services (FCAS) which help to maintain a stable supply of electricity.

These systems will help to shore up renewable energy supply across the National Electricity Market (NEM) and are an essential part of Victoria's renewable energy transition.

PROJECT TIMELINE



CONNECTING TO THE GRID

Located to the nearby Dederang to Glenrowan transmission line, the proposed solar farm would make use of existing transmission infrastructure and limit the amount of new above ground transmission line that is needed.



FREQUENTLY ASKED QUESTIONS

Why has the Project team chosen this site?

The Meadow Creek Solar Farm site was chosen as it is located close to an existing transmission network.

Co-locating projects close to existing transmission infrastructure reduces how much new transmission line is needed to be built to connect the project to the grid.

The site is very level, and has large open pastures which make it ideal for solar development.

What will the solar farm look like?

The proposed Meadow Creek Solar Farm is being designed to accommodate up to 330MW of solar power and a 250 MW battery on the site.

Visually, the solar panels would be around 2.6m tall and raised off the ground. The site will include a substation and transmission connection.

We're still determining the final concept design of the solar farm, which has been informed by our preliminary desktop environmental and technical assessments. When the design is further developed, we'll start our detailed environmental assessments including a visual assessment to determine what the site will look like from different view points.

Will the solar farm make noise?

Solar farms make a small amount of noise when operational. Noise will be considered as part of the solar farm design and environmental assessments.

Who is developing the project?

The proposal is being developed by Meadow Creek Solar Farm Pty Ltd, with support from environmental specialists and established renewable energy business DNV.

SPEAKING WITH COMMUNITY

Meadow Creek Solar Farm is committed to working with the local community as the project is developed. We'll provide regular opportunities to engage with potential project neighbours and the local community. Stakeholder engagement is a key focus for the team with feedback and input helping to inform the final design.

What is the expected lifespan of the solar farm and what will decommissioning involve?

The solar farm is being designed to operate for 30 years. Decommissioning the site may involve removing solar panels and relevant infrastructure and reinstating the land. A decommissioning plan will be prepared ahead of any decommissioning and rehabilitation.

Will you need to remove trees and vegetation?

The Meadow Creek Solar Farm project is committed to supporting sustainable practices at the site.

While some native vegetation removal will be required at the site, every effort will be made to avoid and minimise native vegetation removal as much as possible.

Once the project design footprint is finalised, a detailed flora and fauna assessment will be prepared and will include the native vegetation impacts and offset requirements.

These assessments will help to identify and protect sensitive areas during both the construction and operation of the solar farm.