

Clarence Valley Solar Farm

PROJECT INTRODUCTION & UPDATE



INTRODUCTION

We, at Infinergy Australia, are reaching out to inform and update you of a new and exciting solar development proposed in your area at lower Southgate. The map (**right**) shows the general location of the proposal (approximately 13 km to the northeast of Grafton and 9 km to the southwest of Lawrence), while the plan (**overleaf**) details the exact location of the area we are investigating for the Solar Farm.

The proposal, if it were to proceed, would be a State Significant Development (SSD) with a generation capacity of approximately 85MW. The location would avoid the need for new 'poles and wires' as it would connect directly into existing National Grid infrastructure via the onsite electricity lines that cross the site.

We are in the early stages of the development, conducting scoping and feasibility assessments. The initial design for the proposal is provided on the plan overleaf. It should be noted that the study area for the proposal has been extended in response to initial feedback from neighboring residences. The large study area will allow us plenty of scope to refine and optimise the design of the solar farm in order to avoid, minimise and mitigate potential impacts.

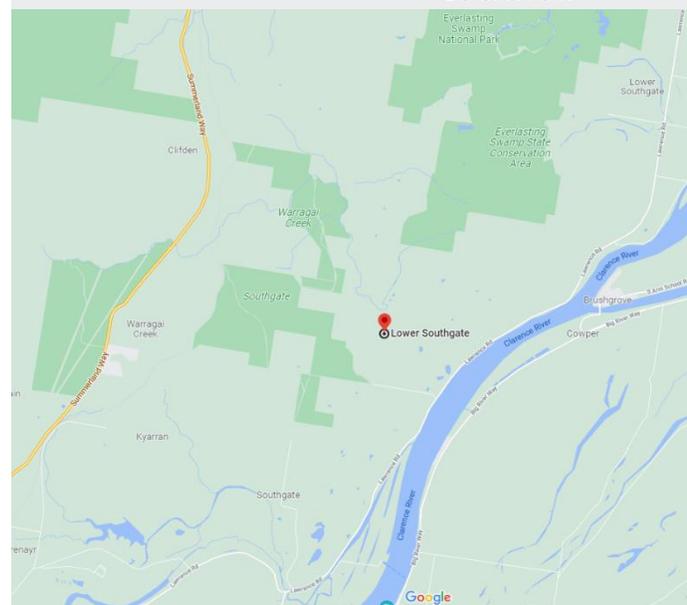
At this stage of the proposal, the Solar Farm would include the following elements:

Solar Arrays – The largest component of the solar farm would be the solar arrays. Each panel (approximately 2.2m x 1.1m) would most likely be mounted on a single-axis tracking system that follows the sun over the course of the day. At its maximum rotation, the panels would be elevated to a maximum height of 4.0m above the ground. Trackers and panels would be arranged in symmetrical rows aligned north to south.

Screening – A series of native vegetation screens would be planted at visible boundaries of the solar farm to reduce the visibility of the proposal and screen security fencing.

Supporting infrastructure – This would include inverters (which convert the 'DC' electricity produced by the panels into grid friendly 'AC' electricity); a small substation to connect the solar farm to the existing onsite electricity lines; internal access tracks; security fencing; a battery storage facility; and an operations and maintenance building.

LOCATION



HOW CAN I STAY UP TO DATE?

We will write and circulate newsletters in the local community and will detail all significant project news on the project website: www.clarencevalleysolarfarm.com.au

If you would like to be added to our email news list, please email us at: info@infinergypacific.com

www.clarencevalleysolarfarm.com.au

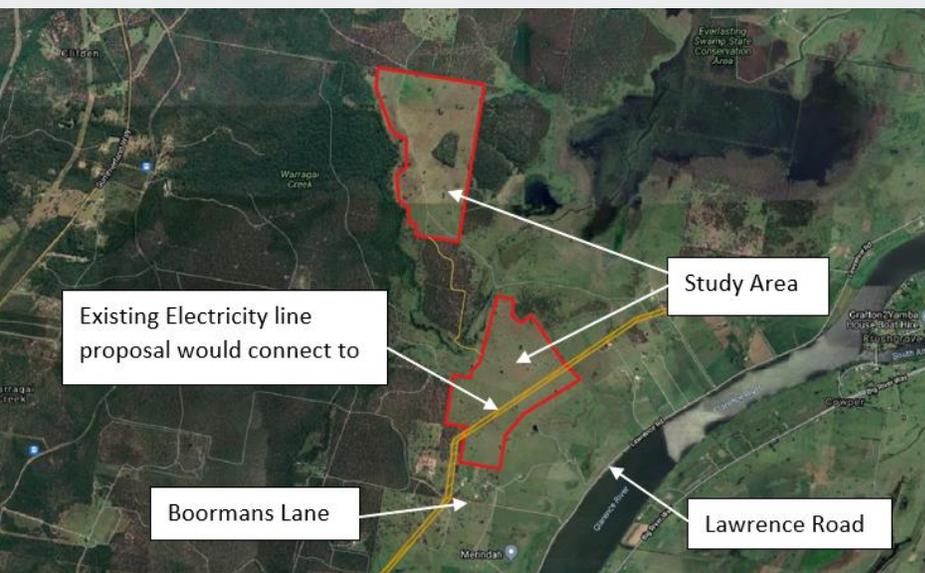
Project Status

The team is currently working on a Scoping Report to submit to the Department of Planning Industry and Environment (DPIE). The DPIE is the consent authority for SSD renewable energy projects in NSW. The graphic below provides a summary of the SSD approval process. The DPIE will use the Scoping Report to issue Secretary's Environmental Assessment Requirements (SEARs) which prescribes the technical studies required to support a formal Development Application for the Proposal.

What is a Scoping Report?

A Scoping Report provides preliminary information on a project and its potential impacts which is used to support a request for SEARs. The lodgment of a Scoping Report is the first step in a long assessment process (see graphic below), that typically takes up to a year, in preparation for a Development Application.

After SEARs have been issued, we will complete the technical assessments identified by DPIE to include in an Environmental Impact Statement (EIS). This is likely to require comprehensive landscape, noise, ecology, cultural heritage, and transport assessments.



HAVE YOUR SAY

We would like to hear your views about the proposal. You can get in touch with us in a range of different ways:

- Email: info@infinergypacific.com;
- Letter: Infinergy Australia Pty Ltd, PO Box 38, Sandy Bay, 7005, TAS;
- Telephone: 0418-632727 (Jane Ross – Project Director);
- Project website: www.clarencevalleysolarfarm.com.au; and
- Zoom calls.

CONSULTATION

We will be hosting a series of face-to-face community consultation sessions throughout the development process. The timing of these events has been delayed due to Covid 19 restrictions, but we will let you know by mail drop, and on our website as soon as these can be scheduled.

As the design process is iterative, consultation is important and ongoing. The team will continue to revise and improve the design of the proposal based on assessment findings and community feedback.

If you would like to speak to us before we host face-to-face consultation sessions, or to find out more, please do not hesitate to get in touch.

CONTACT DETAILS

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NSW STATE SIGNIFICANT DEVELOPMENT APPROVAL PROCESS



We're at the first step of the EIS process.

www.clarencevalleysolarfarm.com.au