

9 June 2023

The Secretary
Department of Planning and Environment

Stubbo Solar Farm (SSD-10452)
Schedule 4, Condition 5 – Final Layout Plans (Stage 2a)

Please find attached the final layout plans for Stubbo Solar Farm Stage 2a, which have been submitted in accordance with Schedule 4, Condition 5 of the Development Consent.

In accordance with Schedule 2, Condition 2 of the Development Consent, the general layout of the development is generally in accordance with the EIS, and in accordance with the conditions of consent.

In particular, and prior to commencing construction, the Applicant must:

- Submit detailed plans of the final layout of the development to the Department via the Major Projects website (*final layout plans submitted with this letter*),
- showing comparison to the approved layout (*this letter*); and
- including details on the siting of solar panels and ancillary infrastructure, via the Major Projects website (*final layout plans submitted with this letter*).

As confirmed in the Secretary's letter dated 10 May 2023 (ref SSD-10452-PA-22), Stage 2a includes construction and commissioning of the solar facilities including solar array, substation and all ancillary infrastructure, including the switchyard and transmission line connection to be constructed by Transgrid. For clarity, the Battery Energy Storage System (BESS) will not be constructed under Stage 2a. The BESS will form part of a future Stage 3.

All infrastructure for Stage 2a is located within the Development footprint (refer **Attachment A: Development Consent Appendix 1: General Layout of Development** and **Attachment B: Stubbo Solar – Stage 2A– Site Layout Plans (Rev 9.2)**).

The location of the switchyard and substation are generally in accordance with the EIS and the Development Consent.

As shown in **Attachment A**, two Options (Option A and Option B) were identified in the Development Consent for the connection point to the National Electricity Market (NEM) and ancillary infrastructure (including switchyard, substation and potential BESS). Both options were assessed at EIS stage due to their location along the existing TransGrid line 79, where the electricity generated by the project will be exported to the NEM.

The EIS Amendment Report noted that the extent of the areas of Options A and Option B shown in Appendix 1 is indicative, and that the exact layout of the substation would be provided in the detailed plans prior to construction. The layout would depend on topographical and environmental constraints as outlined in the EIS and the requirements of Transgrid design guidelines.

ACEN has selected Option A for connecting the project to the NEM, due to its proximity to the main site access.

The detailed plans of the switchyard and substation were finalised by TransGrid, PCL Construction and ACEN Australia based on geotechnical and topographical assessments undertaken post approval of the project, in compliance with Transgrid's design requirements.

The switchyard and the substation have been designed to allow connection to Transgrid's line 79 as close as possible to Connection point (Option A). They are both located within the project's development footprint, and as much as possible within the extent of the 'proposed operational infrastructure area (Option A)' shown in **Attachment A**.

The detailed plans are generally in accordance with the EIS. In particular, the final location of the switchyard and the substation does not generate additional native vegetation clearing, additional noise impacts nor additional visual impacts as those assessed in the EIS. The final location was determined in compliance with all Management/Mitigation measures outlined in the EIS.

In accordance with Condition 30 of Schedule 3, ACEN Australia has included a 20m defendable space inside the security fence and around the perimeter of the solar array area that permits unobstructed vehicle access. This asset protection zone (APZ) will be managed in accordance with the requirements of Condition 30 of the Development Consent.

For clarity, ACEN Australia confirms the assets being protected are the solar array and electrical infrastructure including the substation and switchyard. These assets are protected by the 20m APZ.

Please do not hesitate to contact the undersigned on 0427 776 873 or email at Michael.Yeo@acenrenewables.com.au should you have any queries or require any additional information.

Kind Regards,
ACEN Australia

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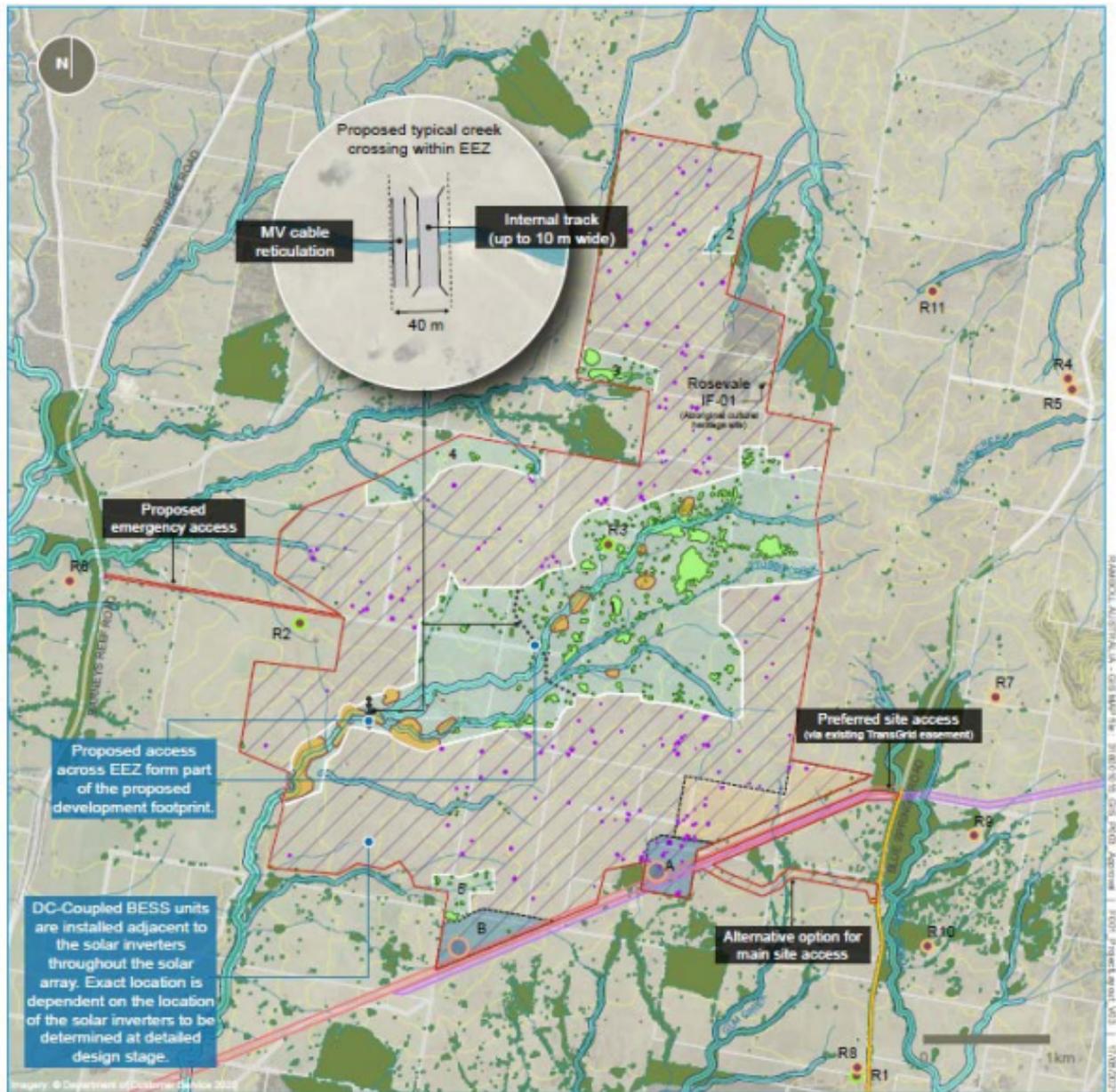
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Michael Yeo

Project Manager - Construction
Stubbo Solar

*Attachment A – Development Consent Appendix 1: General Layout of Development
Attachment B – Stubbo Solar – Stage 2A– Site Layout Plans (Rev 9.2)*

Attachment A - Development Consent Appendix 1: General Layout of Development

**APPENDIX 1:
GENERAL LAYOUT OF DEVELOPMENT**



Key

- | | | |
|--|----------------------------------|---|
| Project boundary | Proposed development footprint | Sensitive receivers: Associated |
| Temporary construction ancillary facilities (site compound, laydown area and car park) | Environmental exclusion zones | Sensitive receivers: Non-associated |
| Proposed operational infrastructure area including substation, operational facility and BESS (option A or B) | Indicative access across EEZ | Vegetation to be removed |
| Connection point to the NEM (option A or B) | 330kV transmission line easement | Native vegetation to be retained |
| Road upgrade design | 88kV transmission line easement | Native vegetation not impacted by the project |
| | Road | Riparian buffer |
| | Creek | Aboriginal cultural heritage sites including buffer |

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Attachment B – Stubbo Solar – Stage 2A– Site Layout Plans (Rev 9.2)

- STSP-Final Layout Plan-DWG-100 - Stage 2A Final Layout
- STSP-Final Layout Plan-DWG-101 - Stage 2A Final Layout - Zone A - Project 2 South
- STSP-Final Layout Plan-DWG-102 - Stage 2A Final Layout - Zone B - Project 1 South
- STSP-Final Layout Plan-DWG-103 - Stage 2A Final Layout - Zone C - Project 1 North
- STSP-Final Layout Plan-DWG-104 - Stage 2A Final Layout - Zone D - Project 2 North