

26 August 2022

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NSW Department of Planning & Environment
Locked Bag 5022
Parramatta NSW 2124

Attention: Sally Munk

Dear Sally,

Progress Report - SSD 7704
Alternate Primary Operational Power Supply
Rushes Creek Poultry Production Farm

The purpose of this letter is to provide NSW Department of Planning & Environment (DPE) a progress update on the proposed alternative primary operational power supply arrangements for Farm 2 at Rushes Creek Poultry Production Farm, as specified by Condition A24A of SSD 7704.

This letter also advises DPE that Sub-Stage 1C operations shall commence on Farm 2 within the first eight (8) sheds on Friday 23 September 2022, being one month from the date of this letter, as specified by Conditions A23, A24 & A24A of SSD 7704.

SLR Consulting Australia Pty Ltd (SLR) have been engaged by ProTen Tamworth Pty Ltd (ProTen) to prepare a Modification Application to obtain consent for the installation of solar panels, inverters, batteries, and associated infrastructure providing a permanent alternative and sustainable energy source to support the approved poultry sheds associated with Farm 2. The proposed solar system will encompass the installation of the following infrastructure:

- Solar panels will be installed on the roofs of the poultry sheds and have a capacity of approximately 0.9 Megawatts (MW). There will be no mirrors or lenses used and the panels will have anti-reflective treatment.
- A lithium battery will be positioned within an enclosure in the ancillary's area and have capacity of around 1.2MWh that shall cover overnight energy use. In the event that the battery runs out before the solar panels can power the farm, the approved 2x 440kVA generators would be triggered for use.
- The generators, are separate to the farm's standby emergency generators, and are positioned within an acoustic enclosure in the ancillary's area and have a capacity of 440kVA each generator. It is anticipated that the emergency backup generators will run approximately 197 hours per year (2 to 3% of the year) and generate up to 17% of the overall power.
- The 2x 440kVA generators can run independently of one another for a longer period, or simultaneously for a shorter period. It is desired to operate the 2x generators simultaneously for a shorter period to reduce operation timeframe.

SLR lodged a SEARs request to DPE on Tuesday 24 May 2022 for the above Modification Application, with SEARs issued by DPE on Friday 24 June 2022.

It is still declared that an off-grid solar solution is the desired alternative power supply solution to operate the Rushes Creek Poultry Production Farm and therefore, preparation of Modification 4 has progressed. Following from receipt of SEARs, the following tasks have been undertaken:

1. Finalisation of Architectural Plans to accompany the Modification Application.
2. Liaison with solar panel and battery supplier to ensure materials can be provided by forecasted time, following development consent of Modification 4.
3. Engagement of sub-consultants and preparation of the following professional reports:
 - Air Quality Assessment
 - Acoustic Assessment
 - Visual Impact Assessment
 - Traffic Impact Assessment
 - Greenhouse Gas Emissions Assessment
 - Fire Safety Study
 - Waste Management Plan
 - Modification Report

It is anticipated the Modification Application package shall be available for submission to DPE by 16 September 2022, as specified within the NSW Major Projects Portal.

We trust this letter fulfills the requirements of Conditions A23, A24, and A24A of SSD 7704-Mod 3.

Yours sincerely,



Hugh Jones
Senior Project Consultant - Planning