



# RFS



Department of Planning, Housing & Infrastructure (Parramatta)  
Locked Bag 5022,  
PARRAMATTA NSW 2124  
Australia

Your reference: SSD-55968733  
Our reference: DA20230314001078-EIS & DA  
Exhibition-1

**ATTENTION:** Rita Hatem

Date: Thursday 7 November 2024

Dear Sir/Madam,

**State Significant Development - Electricity Generating Works  
Request for comments - exhibited Environmental Impact Statement (EIS)  
BURROWAY SOLAR FARM 1955 EUMUNGERIE RD BURROWAY NSW 2821, 70//DP1251856**

Reference is made to correspondence dated 10/10/2024 seeking comments regarding the Environmental Impact Statement (EIS) currently being exhibited, for the above State Significant Development in accordance with the *Environmental Planning and Assessment Act 1979*.

The New South Wales Rural Fire Service (NSW RFS) has reviewed the EIS and provides the following comments;

The Project involves the construction of a 100-megawatt (MW) solar photovoltaic (PV) generator with an estimated 100 MW / 400 MWhr energy storage capacity. Solar panels will be mounted on frames which are able to track and absorb sunlight to generate energy which is increased to 33 kilovolt (kV) power by integrated transformers. This will require a new T-connection into the existing distribution line, and the construction of a new step-down substation from 132kV to 33kV.

The subject land is located in a grassland fire hazard. Grass fires are known to have a fast rate of spread with minimal residual heat.

The NSW RFS role is to prevent fire impacting the asset and/or spread from a structural fire into the surrounding landscape.

The EIS and Bushfire report does not adequately address the location of the BESS from a fire fighting access and suppression operation. The BESS is located greater than 1 km from the Eumungerie Road property access gate. The proposed internal access road traverses a the 132kV power line easement. Further the bushfire report states:

*"A dedicated static water supply of 20,000L for bush firefighting purposes is recommended at strategic locations within the solar farm, having consideration for essential equipment and accessibility e.g., near the main entrance."*

**Postal address**

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The NSW RFS requires the proponent to adequately justify the location of the BESS from a fire prevention, protection and suppression perspective.

For any queries regarding this correspondence, please contact Alan Bawden on 1300 NSW RFS.

Yours sincerely,

Anna Jones  
**Manager Planning & Environment Services**  
**Built & Natural Environment**