



NSW RURAL FIRE SERVICE

Department of Planning and Environment (Sydney Offices)
GPO Box 39
Sydney NSW 2001

Your reference: SSD 8889679
Our reference: DA20200925003491-SEARS-1

ATTENTION: Jack Turner

Date: Tuesday 11 May 2021

Dear Sir/Madam,

State Significant Development - Electricity Generating Works

Request for comments - exhibited Environmental Impact Statement (EIS)

**Liddell and Bayswater power stations Liddell NSW AUS, 10//DP1204457
2//DP1022827**

Reference is made to correspondence dated 15/04/2021 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 includes:

- The Battery: A grid connected Battery Energy Storage System with capacity of up to 500 MW and 2 GWh;
- Decoupling works: Alternative network connection arrangements for the Liddell 33 kilovolt (kV) switching station that provides electricity to infrastructure required for the ongoing operation of Bayswater and associated ancillary infrastructure and potential third-party industrial energy users;
- Bayswater Ancillary Works (BAW): Works associated with the ongoing operation of Bayswater which includes (but is not limited to), upgrades to ancillary infrastructure such as pumps, pipelines, conveyor systems, roads and assets to enable maintenance, repairs, replacement, expansion or demolition; and
- Consolidated consents: A modern consolidated consent for the continued operation of Bayswater through the voluntary surrender and consolidation into this application of various existing development approvals required for the ongoing operation of AGLM assets..

The subject land is partly mapped bush fire prone land by Muswellbrook Shire Council. The NSW RFS is the primary response agency for all structural fires on the land.

The NSW RFS recommends the following conditions be included in any approvals granted:

1. A Fire Management Plan (FMP) shall be prepared for the battery storage and solar array development, The FMP shall be prepared in consultation with NSW RFS Hunter Valley Fire Control Centre. The FMP shall include:

- 24 hour emergency contact details including alternative telephone contact;
- Site infrastructure plan;
- Fire fighting water supply plan;

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- Site access and internal road plan;
- Construction of Asset Protection Zones (APZ) and their continued maintenance;
- Location of hazards (Physical, Chemical and Electrical) that will impact on fire fighting operations and procedures to manage identified hazards during fire fighting operations;
- Such additional matters as required by the NSW RFS District Office (FMP review and updates).

2. The entire Battery storage and solar array development footprint is to be managed as an Asset Protection Zone as outlined within section 4.1.3 and Appendix 5 of 'Planning for Bush Fire Protection 2006' and the NSW Rural Fire Service's document 'Standards for Asset Protection Zones'.

3. A 20,000 litre water supply (tank) fitted with a 65mm storz fitting shall be located adjoining the internal property access road (Battery storage facility) within the required APZ.

4. To allow for emergency service personnel to undertake property protection activities, a 10 metre defendable space (APZ) that permits unobstructed vehicle access is to be provided around the perimeter of the Battery Storage and solar array development sites including associated infrastructure.

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

Yours sincerely,

Timothy Carroll
Manager Planning & Environment Serv (N)
Built & Natural Environment