



NSW RURAL FIRE SERVICE

Hay Shire Council
PO Box 141
HAY NSW 2711

Your reference: (CNR-49438) DA2022-26
Our reference: DA20221214012245-Original-1

ATTENTION: Jo-Ann Davies

Date: Thursday 22 December 2022

Dear Sir/Madam,

Development Application

Other - Other Assessment - Electricity Generating Works

19 MURRAY STREET HAY 2711, 8//DP756755, 9//DP756755, 10//DP756755, 11//DP756755

I refer to your correspondence regarding the above proposal which was received by the NSW Rural Fire Service on 14/12/2022.

The intent of measure is to minimise the risk of bush fire attack and provide protection for emergency services personnel, residents and others assisting firefighting activities.

1. To ensure that the proposed solar farm is provided with adequate clearances to combustible vegetation, firefighting access and water supplies the following shall be provided:

- A minimum 10.0 metre asset protection zone (APZ), maintained to the standard of an inner protection area (IPA) must be provided around the proposed structures in accordance with the requirements of Appendix 4 of *Planning for Bush Fire Protection 2019*.
- A minimum 4.0 metre wide access road suitable for fire fighting vehicles shall be provided around the development site.
- Where reticulated water supply with compliant hydrant spacing in accordance with AS2419.1:2005 is not available to the site a 20,000 litre static water supply (SWS) must be provided on site located within the IPA and:
 - unobstructed access is to be provided within 4 metres of the SWS must be provided at all times;
 - a connection for firefighting purposes 65mm Storz outlet with a ball valve is fitted to the outlet;
 - ball valve and pipes are adequate for water flow and are metal;
 - supply pipes from tank to ball valve have the same bore size to ensure flow volume;
 - underground tanks have an access hole of 200mm to allow tankers to refill direct from the tank and a hardened ground surface for truck access is supplied within 4m;
 - underground tanks are clearly marked;
 - above-ground tanks are manufactured from concrete or metal;
 - raised tanks have their stands constructed from non-combustible material or bush fire-resisting timber (see Appendix F of AS 3959);
 - tanks on the hazard side of a building are provided with adequate shielding for the protection of firefighters;

Postal address

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Street address

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- all exposed water pipes external to the building are metal, including any fittings;
- where pumps are provided, they are a minimum 5hp or 3kW petrol or diesel-powered pump, and are shielded against bush fire attack; any hose and reel for firefighting connected to the pump must be 19mm internal diameter; and
- fire hose reels are constructed in accordance with AS/NZS 1221:1997, and installed in accordance with the relevant clauses of AS 2441:2005;
- A Bush Fire Emergency Management and Operations Plan must be prepared that addresses the following:
 - detailed measures to prevent or mitigate fires igniting;
 - work that should not be carried out during total fire bans;
 - availability of fire-suppression equipment, access and water;
 - storage and maintenance of fuels and other flammable materials;
 - notification of the local NSW RFS Fire Control Centre for any works that have the potential to ignite surrounding vegetation, proposed to be carried out during a bush-fire fire danger period to ensure weather conditions are appropriate; and
 - appropriate bush fire emergency management planning.

For any queries regarding this correspondence, please contact Anna Jones on 1300 NSW RFS.

Yours sincerely,

Michael Gray
Manager Planning & Environment Services
Built & Natural Environment