



File Ref. No: FRN22/1991 BFS24/5032 8000037262  
TRIM Doc. No: D24/104757  
Contact: Senior Firefighter Scott Zucchetto

4 September 2024

KURTIS WATHEN  
NSW Department of Planning and Environment  
Locked Bag 5022  
PARRAMATTA NSW 2124

Dear Kurtis,

**Re: Advice on Environmental Impact Statement (EIS) – BALDON WIND FARM – MURRAY AND HAY LOCAL GOVERNMENT AREAS (SSD-40138508)**

Fire and Rescue NSW (FRNSW) acknowledge correspondence received on the 13 August 2024, requesting advice on the EIS FOR BALDON WIND FARM – MURRAY AND HAY LOCAL GOVERNMENT AREAS (SSD-40138508). FRNSW have reviewed the EIS with particular focus to Section 1 Introduction, Section 3 Project Description and Section 7.2 Hazards & Risks along with the Preliminary Hazards Analysis (PHA).

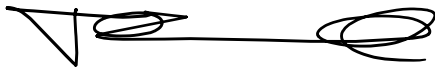
FRNSW notes the proposal of a 200MW/400MWh Battery Energy Storage System (BESS). BESS facilities pose special problems of firefighting and special hazards exist that may require additional fire safety and management measures. Should this project be approved FRNSW make the following recommendations:

1. That a Fire Safety Study (FSS) is developed in accordance with the requirements of Hazardous Industry Planning Advisory Paper (HIPAP) No.2<sup>1</sup> and submitted to FRNSW for review.
  - The FSS is to be developed to the satisfaction of FRNSW prior to any further submission being made to FRNSW; this includes: an Initial Fire Safety Report (IFSR) and / or Performance-Based Design Brief / Fire Engineering Brief Questionnaire (FEBQ).
  - The FSS should be prepared consistent with the FRNSW Fire Safety Guideline Technical Information – Large scale external lithium-ion battery energy storage systems – Fire safety study considerations<sup>2</sup>.
2. Prior to occupation or commissioning an Emergency Plan (EP) is developed for the site in accordance with HIPAP No.1.<sup>3</sup>
3. Prior to occupation or commissioning an Emergency Services Information Package (ESIP) be prepared in accordance with FRNSW fire safety guideline – Emergency services information package and tactical fire plans.<sup>4</sup>

4. Prior to occupation or commissioning an Emergency Responders Induction Package is developed for the site in consultation with, and to the satisfaction of FRNSW. The package should inform first responders of site-specific features and safety measures to ensure they are able to undertake their duties effectively in accordance with agency specific Standard Operational Guidelines. The format of the Induction Package should be such that it can be readily shared across all agencies.

For further information please contact the Operational Liaison and Special Hazards Unit, referencing FRNSW file number BFS24/5032 Please ensure that all correspondence in relation to this matter is submitted electronically to [firesafety@fire.nsw.gov.au](mailto:firesafety@fire.nsw.gov.au).

Yours sincerely,



Superintendent James O'Carroll  
Manager  
Operational Liaison and Special Hazards Unit

Cc: [kurtis.wathen@dpie.nsw.gov.au](mailto:kurtis.wathen@dpie.nsw.gov.au)

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<sup>1</sup> <https://www.planning.nsw.gov.au/sites/default/files/2023-03/hazardous-and-offensive-planning-advisory-paper-no-2-fire-safety-study-guidelines.pdf>

<sup>2</sup> <https://www.fire.nsw.gov.au/gallery/files/pdf/guidelines/Tech%20info%20sheet%20-%20Large-scale%20external%20LiBESS%20-%20Fire%20safety%20study%20considerations.pdf>

<sup>3</sup> <https://www.planning.nsw.gov.au/sites/default/files/2023-03/hazardous-industry-planning-advisory-paper-no-1-emergency-planning.pdf>

<sup>4</sup> [https://www.fire.nsw.gov.au/gallery/files/pdf/guidelines/guidelines\\_ESIP\\_and\\_TFP.pdf](https://www.fire.nsw.gov.au/gallery/files/pdf/guidelines/guidelines_ESIP_and_TFP.pdf)