



Australian Government

Department of Defence
Estate and Infrastructure Group

Charles Mangion
Director Land Planning and Regulation
Estate Planning Branch
Brindabella Business Park (BP26-1-A053)
PO Box 7925
Department of Defence
CANBERRA BC ACT 2610
✉: Charles.mangion@defence.gov.au

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Ms Tatsiana Bandaruk
A/Senior Environmental Assessment Officer
Energy Assessments
Department of Planning, Industry and Environment
Locked Bag 5022
PARRAMATTA NSW 2124

Dear Ms Bandaruk,

RE: Rye Park Wind Farm, New South Wales, Modification 1 (SSD-9993-Mod-1)

The Department of Defence (Defence) thanks the NSW Department of Planning, Industry and Environment for the opportunity to comment on the modification application for the Rye Park Wind Farm situated approximately 4km west of Rye Park and 15 km north-west of Yass. Defence understands the proposed modification entails:

- Reducing the overall number of turbines from 92 to 80;
- Increasing dimensions, including a tip height from 157 m to 200 m;
- Revision of the development corridor to accommodate the revised development footprint; and
- Selection of the preferred transport route for heavy and over-dimensional vehicles.

Defence has reviewed the modification and has no objections to the project at this time.

Note that the *National Airports Safeguarding Framework Guideline D – Managing the Risk to Aviation Safety of Wind Turbine Installations (Wind farms) /Wind Monitoring Towers* recommends that where a wind turbine 150 metres or taller in height is proposed away from aerodromes, the proponent should conduct an aeronautical risk assessment. It also recommends that the risk assessment be submitted to the Civil Aviation Safety Authority (CASA) to determine whether the proposal is a hazard to aircraft safety and required approved lighting or marking. Defence supports this requirement and believes that in this instance, it would be prudent for the risk assessment of this proposal to be sent to CASA for consideration.

If CASA determines LED obstruction lighting is to be provided, it should be compatible with persons using night vision devices and that the frequency range of the LED light emitted should be within the range of wavelengths 655 to 930 nanometers.

As the structure meets the requirement for reporting of tall structures, Defence requests that the applicant provide ASA 'as constructed' details for aeronautical charting.

Please find a link to CASA Advisory Circular <https://www.casa.gov.au/files/139c08pdf>

Air Services Australia (ASA) is responsible for recording the location and height of tall structures.

The information is held in a central database managed by ASA and relates to the erection, extension or dismantling of tall structures, RAAF requirements are:

- a. 30 metres AGL, that are within 30 kilometres of an aerodrome, and
- b. 45 metres AGL elsewhere.

The details can be emailed to ASA at vod@airservicesaustralia.com

Should you wish to discuss the content of this advice further, my point of contact is Mr Anthony Deutschmann contactable at land.planning@defence.gov.au or by telephone on (02) 6266 8686.

Yours sincerely

Charles Mangion
Director Land Planning & Regulation

28 May 2020