



Australian Government

Department of Defence
Defence Support and Reform Group

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REF: AF17917720

Your Ref: 90372624

NSW Department of Planning and Infrastructure
ATTN: Tracey Bellamy
GPO BOX 39
Sydney NSW 2001

Dear Ms Bellamy

RE: Paling Yards Wind Farm (MP 10_0053)

Thank you for providing the Department of Defence (Defence) with the opportunity to comment on the Environmental Impact Statement (EIS) for the Paling Yards Wind Farm located in the Oberon local government area. Defence understands that this EIS is to develop 55 wind turbines with a maximum blade tip height of 175m; a total installed capacity of approximately 178MW; associated infrastructure; and an above ground connection to the 500kV Mt Piper to Bannaby transmission line.

Wind farms can have the potential to impact Defence activities, particularly in regard to aircraft safety and radar interference. With this in mind, Defence requests that the applicant provides 'as constructed' details to RAAF Aeronautical Information Service (AIS) for aeronautical charting. RAAF AIS has a website with a Vertical Obstruction Report Form at www.raafais.gov.au/obstr_form.htm which can be used to enter the location and height details of tall structures.

Defence requests that the Wind Farm should be lit in accordance with Civil Aviation Safety Regulation 139 and the Civil Aviation Safety Authority Manual of Standards 139. If Light-Emitting Diode (LED) obstruction lighting is applied to the Wind Farm, the frequency range of the emitted LED light is requested to fall within the wavelength range of 655 to 930 nanometres. This will enable the lighting to be visible to persons using night vision devices.

To mitigate potential impacts to Defence activities, Defence requests to be consulted should there be any subsequent modification to the design, scale, location or intensity of the wind farm.

Defence does not object to the proposal subject to the applicant addressing the above concerns. Should you wish to discuss the content of this submission further, please contact Mr Nick Parker (02) 6266 8201 on or email on lsi.directorate@defence.gov.au.

Yours faithfully

Anthony Farrell

Director Estate Planning ACT/NSW

27 May 2014