



Australian Government
Civil Aviation Safety Authority

STAKEHOLDER ENGAGEMENT DIVISION

CASA Ref: G118/808

31 October 2018

Ms Natasha Homsey
Environmental Assessment Officer
Resource and Energy Assessments
Planning Services
Department of Planning and Environment
GPO Box 39
SYDNEY NSW 2001

Email: [REDACTED]

Dear Ms Homsey

Thank you for your email of 15 October 2018 requesting comment from the Civil Aviation Safety Authority (CASA) on a modification request for the Collector Wind Farm (Modification 2), located in the Cullerin Range, between the Hume Highway and Collector Road within the Upper Lachlan Shire local government area.

I am advised that CASA has reviewed the proposed Collector Wind Farm, NSW aeronautical impact assessment and has completed an assessment in accordance with the National Airports Safeguarding Framework (Guideline D) as developed by the Department of Infrastructure, Regional Development and Cities. The Guideline provides planning advice to State and Local Planning Authorities to aid in safeguarding Australian Airports from inappropriate developments and is also referenced to assist in providing suitable advice to meet an acceptable level of safety for aircraft operations.

The proposed development comprises 55 wind turbines, up to 150 m high (500 ft) Above Ground Level, located near Collector, NSW and approximately 30 kms from Goulburn Airport.

There are no identified Visual Flight Rules air routes in the area and the wind farm is wholly enclosed within class G airspace. There are no significant aerodrome pairs which would cause aircraft to pass directly over the site of the wind farm.

CASA has assessed this proposal to be a low hazard to aviation safety based on the current levels of civilian air activity in the area and the location of the site in relation to aerodromes. CASA advises that aviation hazard lighting is not required for this proposed wind farm. However, military aircraft operate to lower heights than civilian aircraft. Therefore, CASA suggests the Department of Defence should be contacted to confirm that they do not have concerns if the wind farm is not lit.

Should the planning authority or the military require lighting, CASA recommends that the wind farm be lit with steady red medium intensity lighting at night as per Section 9.4 of the CASA Manual of Standards Part 139. Characteristics for medium intensity are stated in subsection 9.4.7.

The proponent of the wind farm is reminded that despite CASA comment, the proponent has a duty of care to ensure the development does not present a hazard to aircraft

operations. Should aircraft operations increase in the vicinity of the development, the proponent must re-evaluate the risk to aircraft operators and implement risk mitigation measures if required.

The coordinates and estimated survey heights of each turbine must be reported to Airservices Australia via email for inclusion in the Aeronautical Information Publication EnRoute Supplement (ERSA) at: vod@airservicesaustralia.com prior to works commencing to ensure that the location of the wind farm is mapped on charts or notified via NTOAM (Notice to Airmen) for the information of pilots.

The wind farm proponent must notify CASA's Airspace Protection team at least one month prior to construction works to enable CASA to arrange a NOTAM advising pilots that tall structures will be constructed in the area. Please email: oar@casa.gov.au.

I trust this information is of assistance.

Yours sincerely

A black rectangular redaction box covering the signature of Carolyn Hutton.

Carolyn Hutton
Branch Manager
Government and International Relations