



Australian Government
Civil Aviation Safety Authority

AIR NAVIGATION, AIRSPACE AND AERODROMES

File Ref: EF11/1146-21

19 December 2016

Mr Iwan Davies
Senior Planning Officer
Planning Services
Department of Planning and Environment
GPO Box 39
SYDNEY NSW 2001

Dear Mr Davies

PROPOSED CROOKWELL 2 WIND FARM

I refer to your request for comment on the above proposal dated 2 December 2016.

The proposal is for 33 turbines with a blade tip height of up to 160m AGL (947m AHD).

CASA provided comments on this proposal to NSW Planning on 19 February 2016. I attach a copy for your records.

CASA notes there are two unmarked wind monitoring towers (WMTs) on the site and that three additional WMTs are proposed. CASA recommends that all five WMTs should be marked consistent with Guideline D of the National Airports Safeguarding Framework (NASF).

Yours sincerely

A handwritten signature in black ink, appearing to read 'A. Tiede'.

Andrew Tiede
Manager

cc. Mr Shaq Mohajerani, Project Development Manager, Union Fenosa Wind Australia



Australian Government
Civil Aviation Safety Authority

AIRSPACE AND AERODROME REGULATION

File Ref: EF11/1146-21

19 February 2016

Mr Mike Young
Director Resource Assessments
Department of Planning and Environment
GPO Box 39
SYDNEY NSW 2001

Dear Mr Young,

PROPOSED CROOKWELL 2 WIND FARM

I refer to the proposal by Union Fenosa to develop the Crookwell 2 Wind Farm, between Crookwell and Goulburn.

I am advised that the proponent has planning permission for 46 turbines with a blade tip height of 128m above ground level but is now seeking approval for 33 turbines with a blade tip height of up to 160m AGL (947m AHD).

CASA has assessed the proposed Crookwell 2 Wind Farm based on the revised maximum height of 160m AGL.

CASA recommends that the wind farm is lit with steady red low intensity lighting at night as per Section 9.4 of the CASA Manual of Standards Part 139. Characteristics for low intensity lights are stated in subsection 9.4.6. CASA agrees that the turbines that should be lit are those identified by the proponent in the drawing '100405 Crookwell 2 Wind Farm Obstacle Lighting Design v0.1 150810'.

CASA recommends that the proponent makes the notifications described in the NASF Guideline D.

If you require further information, please call Mr David Alder on 131757.

Yours sincerely

A handwritten signature in black ink, appearing to read 'DM' with a stylized flourish.

Dilip Mathew
Manager Aerodromes

cc. Mr Shaq Mohajerani, Project Development Manager, Union Fenosa Wind Australia