



**NAVIGABLE AIRSPACE DETERMINATION: Tilt Renewables Limited
Subsidiary Tararua Wind Power - Waverley Wind Farm South Taranaki**

PURSUANT TO Rule Part 77 of the Civil Aviation Rules I, Sean Turangarau Kere Rogers, Manager Aeronautical Services, having received from Tilt Renewables Limited Subsidiary Tararua Wind Power, notification of intention to construct a 31 turbine wind farm southwest of Waverley, Taranaki, conducted an aeronautical study in consultation with such persons, representatives and organisations as I considered appropriate.

After completing the aeronautical study, I am satisfied that the proposed action, if executed, could constitute a hazard in navigable airspace.

THEREFORE I HEREBY ISSUE a

DETERMINATION OF HAZARD IN NAVIGABLE AIRSPACE

in respect of the above notification.

The following conditions are specific to this Determination:

1. Tilt Renewables Limited must install lighting on the turbines in accordance with CAA lighting guidelines that the highest turbines, those at the extremities of the site, and other turbines around the perimeter of the site will be lit. The spacing between lit turbines must not exceed 1 NM (1852m). Meteorological masts installed beyond the perimeter of the wind farm must also be lit; and
2. All lighting will be of medium intensity in accordance with Civil Aviation Rule Part 77 Appendix B; and
3. The obstruction lights must be located on or above the top of the nacelle, shall be visible from all directions, and may be shielded below the horizontal plane; and
4. Tilt Renewables Limited must coordinate with Aeronautical Information Management at Aeropath Limited, to promulgate via AIP supplement the construction of the wind turbines; and
5. Tilt Renewables Limited must provide all final appropriate obstacle data to CAA and Aeronautical Information Management at Aeropath Limited, for inclusion into the aeronautical obstacle database and publication on aeronautical charts within 5 working days of the wind farm being completed; and
6. If the project is abandoned, notify the CAA and Aeropath Limited within 5 working days.

The provisions of this determination are in addition to and not in derogation of the provisions of any other Act, or any orders or regulations made thereunder.

This Determination revokes the previous determination for the Waverley windfarm issued to Trustpower Limited, dated 23rd May 2012.

This Determination of Hazard shall become final on the 25th April 2019 unless a petition for review is received by the Director prior to that date.

This Determination of Hazard shall not expire but may be revoked, in writing, by the Director.

Dated at Wellington this 27th day of March 2019.

Sean Turangarau Kere Rogers
Manager Aeronautical Services
(DW1354168-0)

The provisions of this determination are in addition to and not in derogation of the provisions of any other Act, or any orders or regulations made thereunder.