CIVIL AVIATION AUTHORITY
OF NEW ZEALAND
Te Mana Rererangi Tūmatanui o Aotearoa

NAVIGABLE AIRSPACE DETERMINATION: Meridian Energy Limited, Old Coach Road, Eketāhuna. Coordinates: Approximately 40 42 00 S 175 42 07 E

PURSUANT TO Rule Part 77 of the Civil Aviation Rules I, Sean Turangarau Kere Rogers, Head of Aeronautical Services, having received from Meridian Energy Limited notification of intention to construct a Wind Farm at Mt. Munro, Old Coach Road, Eketāhuna, 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. The maximum height of the turbines must not exceed 160m above ground level (AGL) as proposed; and

2. The Wind Farm must be lit with appropriate obstacle lights including that:

    a. The highest turbines, those at the extremities, and other turbines around the perimeter must be lit to enable pilots to identify the extent of the windfarm; and

    b. The spacing between lit turbines must not exceed 900 meters along the perimeter, except for turbines MMO-105 and MMO-301, which may be up to 1003 meters apart. Additionally, MMO-102, MMO-201, MMO-206 and MMO-303 may remain unlit. The flashing of all lights in the wind farm must be coordinated so that they flash simultaneously between 40 and 60 times per minute; and

    c. The lighting must be medium-intensity red (not less than 1600 candela); and

    d. Obstruction lights must be located on or above the top of the nacelle, visible from all directions, and may be shielded below the horizontal plane; and

    e. Painting of turbines with obstruction marking will not be required. The rotor blades, nacelle and upper two-thirds of the supporting mast should be painted white, or a similar industry-accepted colour for visibility during hours of daylight; and

    f. Comply with the following temporary lighting solutions:

        i. A red medium intensity light must be installed and operational on any attendant crane until the permanent light is operational within the area of the turbine (either on this turbine or an adjacent turbine within 900m to 1003m); or

ii. A temporary light must be installed on the turbine nacelle until a permanent light is operational within the area of the turbine.

3. Meridian Energy Limited must provide the CAA (Quote 2026-01171 to aeronautical.services@caa.govt.nz) with at least seven days' notice before wind turbine construction commences and again once construction of all turbines with compliant lighting is completed; and

4. Prior to construction, Meridian Energy Limited must provide details of the wind turbine locations to Aeropath (Part77@aeropath.aero) – Quote 2026-01171 for inclusion in relevant aeronautical charts and to promulgate an appropriate NOTAM and/or AIP supplement for aviator situational awareness; and

5. Prior to construction, Meridian Energy Limited must provide details of the wind turbine locations and proposed construction date to Aeropath (Part77@aeropath.aero) – Quote 2026-01171 to request inclusion into relevant aeronautical charts and an appropriate NOTAM and/or AIP supplement is promulgated for aviator situational awareness.

This Determination of Hazard shall become final on 11th December 2026 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 13th November 2026.



Sean Turangarau Kere Rogers
Head of Aeronautical Services