

NAVIGABLE AIRSPACE DETERMINATION: Meridian Energy Mill Creek Wind Farm

PURSUANT TO Rule Part 77 of the Civil Aviation Rules I, Michael John Haines, Manager Aeronautical Services, having received from Meridian Energy Limited, notification of intention to construct a windfarm at Mill Creek, west of Wellington City near Ohariu Bay, 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:

- Meridian Energy Limited must provide the Director with the proposed construction timetable of the windfarm. This information shall include for each of the turbine locations the proposed geographical coordinates and the height above mean sea level.
- Meridian Energy Limited shall install, operate and maintain obstacle lights on turbines F14, F08, F04, E01, E07. These lights shall:
 - flash at a frequency between 20 and 60 per minute; and
 - have an effective intensity of not less than 1600 cd of red light; and
 - be located on or above the top of the nacelle and be visible from all directions, but may be shielded below the horizontal plane.
- Meridian Energy Limited must notify the Director of any proposed change to the lighting schedule.

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.

- Meridian Energy Limited must activate the lights as soon as practicable after the commissioning of each of the lit turbines.
- Meridian Energy Limited must notify the Director in writing within 5 working days following the completion of the windfarm. This notification must include a registered surveyor's determination of the height and position of each of the turbines, and proof of compliance with the lighting requirements specified above.
- If the proposal to construct the windfarm is abandoned, Meridian Energy Limited must notify the Director in writing within 5 days of that decision.
- If the windfarm or any turbine that forms part of the windfarm is removed, Meridian Energy Limited must notify the Director in writing within 5 working days after the windfarm or turbine is removed.

This Determination of Hazard shall become final on the 27th day of March 2013 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 February 2013.

Michael John Haines
Manager Aeronautical Services
(DW1259730-0)