

From: Hamish McKoy Hamish.McKoy@caa.govt.nz 
Subject: RE: Wind Farm increased height
Date: 8 July 2019 at 2:54 PM
To: glenn@ventusenergy.co.nz
Cc: #Airspacehazards Airspacehazards@caa.govt.nz



Hello Glenn,

This increase in height will require notification to CAA and reassessment under CAR Part 77 – obstacles in navigable airspace. A new determination will also need to be issued. This is due to the height increase to 165m that is not insignificant to other aviation users.

Can you please submit a proposal and forward this to the email address on the form using the link below.

<https://www.caa.govt.nz/assets/legacy/Forms/24077-01B.doc>

Please include as much information as possible to support your proposal. Previous proposals for wind farms have included maps showing the locations of each turbine and any proposed lighting structure. We can also advise on our lighting requirements for wind turbines throughout the process.

Kind regards,

Hamish McKoy | Aeronautical Services Officer (Flight Procedure Design and Airspace)

Civil Aviation Authority of New Zealand  **Aviation Security Service**

Te Mana Rererangi Tūmatanui o Aotearoa | Kaiwhakamaru Rererangi

Aviation Infrastructure and Personnel | Aeronautical Services

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 Level 15, Asteron Centre, 55 Featherston Street, PO Box 3555, Wellington, 6011 New Zealand

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From: Glenn Starr1 <glenn@ventusenergy.co.nz>

Sent: Monday, 8 July 2019 12:03 PM

To: Info at CAA <info@caa.govt.nz>

Subject: Wind Farm increased height

Hello, We wish to now increase the proposed height of our wind farm turbines from 125 to 165m.

Please can consider this increase and notify us of the determination.

We wish to begin construction of this project in 2020.

I attach a previous determination for your information.

Kind Regards,

Glenn Starr
021 416 305



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

S-A765-01/2 (DW1228227-0)

23 August 2011

Glenn Starr
Ventus Energy
M338
Private Bag 300987
Albany
AUCKLAND
1330

Dear Glenn

Navigable Airspace Determination - Taumatotara Windfarm Amendment

Thank you for your letter dated 18 August 2011 regarding changed wind turbine height in relation to the Navigable Airspace Determination issued in 2005 regarding Taumatotara Windfarm. I have not received your letter dated 9 August 2011 this may be due to the CAA having moved premises last year and changed the postal address.

The increased height to 125 metres will not impact on the original determination.

The CAA and the International Civil Aviation Organisation have updated the requirements for wind turbines since the 2005 determination. The updated CAA policy is available at http://www.caa.govt.nz/airspace/wind_turbines.pdf.

The CAA would require the following:

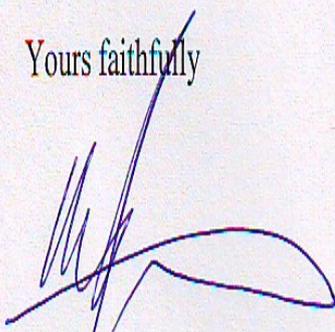
- Ventus Energy to advise the CAA of the scheduled construction of the turbines at least 6 months prior to commencing, to allow sufficient time to publish the windfarm location on the appropriate aeronautical charts. This schedule shall include the final geographical coordinates of the sites at which the turbines are to be installed.

Note: As charts are published annually in November of any year, the data is required to be supplied to CAA by 31 January of that year.

- Ventus Energy will install, operate and maintain medium intensity obstruction lights to mark the wind farm. The medium intensity lights should flash between 20 and 60 times per minute as per the CAA policy. The lights should also be activated during times of low light not just at night.

If you wish to discuss any points raised above please contact me on 04 560 9429 or mike.haines@clear.net.nz

Yours faithfully

A handwritten signature in blue ink, appearing to read 'Mike Haines', with a large, sweeping flourish extending to the right.

Mike Haines
Manager Aeronautical Services

CAA

This determination of hazard shall become final on 8 April 2005 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 this 11th day of March 2005

SIGNED by:

MARK CLIFFORD HINGSTON

Manager Aeronautical Services

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The provisions of this determination are in addition to and not in derogation of the provisions of any other enactment, and nothing in this determination shall derogate from any other Act, or of any order or regulations made thereunder

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