

SOUTH AFRICAN



**CIVIL AVIATION
AUTHORITY**

Witberg Wind Power (Pty) Ltd

5th floor,
125 Buitengracht Street
Cape Town
South Africa
8001

15 June 2014

Our Ref: CAA-2011-W0128

Attention: Methuli Mbanjwa

Comments on Wind Farm application received in July 2011 and final layout in May 2014 for the construction of Wind Energy Facility near Mantjiesfontein known as Witberg Wind Farm.

The SACAA recognizes the national need for renewable energy resources and as such is supportive of the development of any such projects within its mandate to ensure aviation safety in South Africa.

In considering the proposed positions of the wind turbines and the routing of the planned overhead grid connection, as submitted by you on the 08 July 2013, the Civil Aviation Authority has not identified any factors which may impact negatively on the environment mentioned above. **The proposed overhead electrical Power/Transmission line is restricted to a maximum of 30m above the ground level.**

The following turbines require markings 1, 3, 5, 6, 7, 9, 11, 12, 14, 16, 18, 20, 22.

This letter serves as a Conditional Approval to the development of your turbine layout and wind turbine height to a maximum total of 152.5m above ground level (Hub height 94m and blade height 112m), subjected to compliance with Markings as contained in the Civil Aviation Technical Standards, Part 139.01.30 (Wind Farms). The SACAA will provide a final approval on receipt of the "As built" coordinates of the wind turbine generators once the project has been constructed.

Note: Kindly notify this office at least 6 weeks prior to the date of the commencement of the erection of the wind turbine generators. **This conditional approval is valid for 5 years from the date of this letter.**

Kindly contact Lizell Stroh (011 545 1232 or strohl@caa.co.za) if any further information is required.

Yours Truly



Koos Pretorius
Acting Manager Aviation Obstacle and GIS
Air Navigation Services

Tel: 011 545 1066 | Fax: 011 545 1282 | Cell: 083 451 2657 | Email: pretoriusk@caa.co.za | www.caa.co.za