Due to upcoming flight validation activity by Airservices, steps are being taken to amend procedures at Glenn Innes Airport that will result in the Glenn Innes Wind Farm not impacting Glenn Innes Airport. These changes will become effective in the Departure and Approach Procedures (DAP) issued on 24 May 2018. After this date the proposed Glenn Innes Wind Farm will have no impact on procedure at Glenn Innes Airport.

Note that Airservices has co-ordinated this change process with *The Airport Group* and their procedures at Glenn Innes Airport, and it is our understanding that they have already provided advice to Glenn Innes Airport that their procedures will be unaffected.

Therefore, based on the above amendments proceeding, below is our revised assessment advice:

I refer to your request for an Airservices assessment of the Glen Innes Wind Farm.

Airspace Procedures
With respect to procedures designed by Airservices in accordance with ICAO PANS-OPS and Document 9905, at a maximum height of 1414m (4640ft) AHD, the Glenn Innes Wind Farm will not affect any sector or circling altitude, nor any instrument approach or departure procedure at Glen Innes or Inverell Airports.

Note that procedures not designed by Airservices at Glen Innes and Inverell Airports were not considered in this assessment.

Communications/Navigation/Surveillance (CNS) Facilities
The Glenn Innes Wind Farm will not adversely impact the performance of Precision/Non-Precision Nav Aids, HF/VHF Comms, A-SMGCS, Radar, PRM, ADS-B, WAM or Satellite/Links - unchanged.

Regards,

Tony Aiezza
Operational Standards and Assurance
Airservices

Tower Road, Melbourne Airport
Tullamarine VIC 3043
t **03 9339 2272** l m **0409 143 120**

From: Airport Developments
Sent: Friday, 18 August 2017 2:31 PM
To: 'Tim Stuckey' <Tim.Stuckey@planning.nsw.gov.au>
Cc: airspace.protection@casa.gov.au; 'neil.hansford@bigpond.com' <neil.hansford@bigpond.com>
Subject: AIRSERVICES RESPONSE: NSW-WF-063 - Glen Innes Wind Farm [SEC=UNCLASSIFIED]

Hi Tim,

I refer to your request for an Airservices assessment of the Glen Innes Wind Farm.

Airspace Procedures
With respect to procedures designed by Airservices in accordance with ICAO PANS-OPS and Document 9905, at a maximum height of 1414m (4640ft AHD), the WTG07 turbine **will affect** the RNAV (GNSS) RWY 14 instrument procedure at Glen Innes Airport.

The maximum height of WTG07 without affecting the RNAV (GNSS) RWY 14 instrument procedure at Glen Innes Airport is **1388.3m (4555ft) AHD**.

With respect to procedures designed by Airservices in accordance with ICAO PANS-OPS and Document 9905, at the heights of 1414m (4640ft), 1385m (4544ft), 1400m (4594ft) and 1380m (4528ft) AHD, the WTG07, WTG08, WTG09 and WTG12B turbines respectively **will affect** the 25nm MSA NE Sector at Glen Innes Airport.

The maximum height of WTG07, WTG08, WTG09 and WTG12B without affecting the 25nm MSA NE Sector at Glen Innes Airport is **1376.4m (4516ft) AHD**.

Note that procedures not designed by Airservices at Glen Innes and Inverell Airports were not considered in this assessment.

Communications/Navigation/Surveillance (CNS) Facilities

This wind farm will not adversely impact the performance of Precision/Non-Precision Nav Aids, HF/VHF Comms, A-SMGCS, Radar, PRM, ADS-B, WAM or Satellite/Links.

Summary

The proponent will need to consult with Glenn Innes Regional Airport Pty Ltd (Emails: neil.hansford@bigpond.com, Phone: 02 4919 1626, Mobile: 0409 904 246) with regard to the impact on operations at Glenn Innes Airport.

Kind regards,

William Zhao
Advisor Airport Development | Operational Standards & Assurance
Airservices Australia

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