



Mr Julian Turecek
Tallawarra B Project Director
EnergyAustralia

By email: Julian.Turecek@energyaustralia.com.au

2 April 2020

Dear Mr Turecek

Tallawarra B Power Station Project - Aviation Impact Assessment

I refer to your report, titled *Tallawarra B OCGT Aviation Impact Assessment*, dated 13 February 2020 (the report), which was prepared to satisfy condition 1.6 of the Tallawarra B Power Station project (the project) approval to demonstrate that operation of an open cycle gas turbine (OCGT) plant would not have an adverse impact on aviation safety. This is within a risk-based context such that an acceptable level of aviation safety risk can be achieved.

The Department notes that you have consulted with Shellharbour City Council and Civil Aviation Safety Authority (CASA) in preparing the report, as required by condition 1.6 of the project approval, as well as with the Aircraft Owners and Pilots Association of Australia (AOPA Australia).

The Department has received advice from CASA on the report advising that the aviation risks could be managed to an acceptable level if (see attached):

- the final critical plume velocity (CPV) is no more than 6.1 metres/second at or below 700 feet above mean sea level (AMSL); and
- all mitigation measures and the inclusion of a plume symbol on aeronautical charts are implemented, as listed in Section 10 of the report.

The Department has carefully considered the report, the advice from CASA, submissions from Shellharbour City Council and AOPA Australia, and is satisfied that an OCGT plant could be operated such that there would be an acceptable level of aviation safety risk. Accordingly, the Secretary has approved the report subject to:

- prior to construction, Energy Australia providing a report to the satisfaction of the Planning Secretary, confirming that the final design of the OCGT would meet a CPV of no more than 6.1 metres/second at or below 700 feet AMSL; and
- prior to operations, Energy Australia providing a report to the satisfaction of the Planning Secretary confirming that all the mitigation measures and the inclusion of a plume symbol on aeronautical charts have been or would be implemented (noting that some measures can only be implemented after operations have commenced), as listed in Section 10 of the report.

If you wish to discuss the matter, please contact Steve O'Donoghue, Director Resource Assessments on 0477 345 626.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'Michael J. Young'.

Mike Young
Executive Director - Energy, Resources & Compliance
as delegate for the Planning Secretary