



Your reference :
Our reference : SF17/8656; DOC17/124478-03
Contact : Mr Allan Adams; (02) 6332 7610

Mr Iwan Davies
Resource Assessments
Department of Planning and Environment
Level 22, 320 Pitt St
GPO Box 39
SYDNEY NSW 2001

13 June 2017

Dear Mr Davies

Flyers Creek Wind Farm MOD 3 Project (MP 08_0252 MOD 3)

I refer to your request to the Environment Protection Authority (EPA) for comment on the Flyers Creek Wind Farm MOD 3 Project (MP 08_0252 MOD 3) that involves a reduction in the number of turbines from 42 to 38, and removal of associated land.

The EPA has assessed the modification application and can accept the presented noise impacts of the proposed modification, however, wind turbine noise levels were only provided for 10 metre wind speeds from 3 m/s to 9 m/s. It is not clear why wind speeds greater than 9 m/s, at 10 metres above ground level, were not included in the updated criteria presented in the modification application. It is possible that the rated power of the wind turbines being considered occurs at 9 m/s. The wind farm noise guidelines do not require criteria to be determined above the rated power of the turbines however the application does not state the wind speed at which rated power occurs for the turbines being considered.

So that appropriate noise limit conditions can be included on the modified consent, the proponent should provide more information on wind turbine noise criteria for wind speeds greater than 9 m/s at 10 metres above ground level. Specifically, the proponent should:

- provide regression equations for background noise from the latest monitoring at locations R12, R25 and R78
- provide noise criteria from the latest monitoring at locations R12, R25 and R78 for wind speeds from 10 m/s to 12 m/s at 10 metres above ground level, or
- explain to the satisfaction of the EPA, why they did not assess wind speeds above 9 m/s at 10 metres above ground level.

The EPA can then suggest one of two changes to existing condition G7 of the project approval:

- referring to the most recent background monitoring results, and
- including a limit table, correlated to wind speeds at either 10 metres or 76 metres above ground level.

Should you have any further enquiries in relation to this matter please contact Mr Allan Adams at the Central West (Bathurst) Office of the EPA by telephoning (02) 6332 7610.

Yours sincerely


DARRYL CLIFT
Head Central West Unit
Environment Protection Authority