

Consultant Advice Notice

From	Will Gouthro	Advice No.	CAN No-AC01
Project	Cooba Solar Farm	Project No.	MEL3057
Date	10 January 2025	Pages	1/2
Subject	Additional Property Assessments	Revision:	0

Distribution to:

Attention	Company	Email
Fi Cotter	NGH Consulting	fi.c@nghconsulting.com.au
Maddy Shaw	NGH Consulting	maddy@nghconsulting.com.au
Geoff Stoker-Lavelle	Venn Energy	gsi@vennenergy.com

Context

Venn Energy propose to develop the land at 124 Cornella Church Road in Colbinabbin, Victoria into a solar farm and energy storage facility including:

- > 500MW solar energy facility and 300MW battery energy storage system (BESS)
- > Approximately 700,000 single-axis tracking PV panels
- > Approximately 100 centralised power conversion stations
- > An operations and maintenance facility

An acoustic assessment predicted that legislative noise limits would be met at all surrounding sensitive receivers based on the noise data and conditions used for assessment.¹

Following submission of this report, an additional 2 sensitive receivers were identified:

- > Receiver 1: residence off Pardy Road to the east of the site, south of 574 Cornella Church Road and approximately 1km from the site boundary.
- > Receiver 2: residence off Heathcote-Rochester Road, south west of the site, south of 1982 Heathcote-Rochester road and approximately 2km from the site boundary.

These receivers are located at a further distance than other receivers that have been assessed and on this basis are expected to have lower noise levels than the closer receiver in the area and met the legislative noise limit.

¹ ADP Consulting, *Cooba Solar Project Noise Impact Assessment* MEL3057 revision 02, 18 March 2024

Assessment

The additional receivers are assessed based on the difference in distance from nearby receivers:

- > Receiver 1 is approximately 1km from the site boundary and therefore will be less than 23dB(A) based on 574 Cornella Road which is 23dB(A) at approximately 700m from the boundary.
- > Receiver 2 is approximately 2km from the site boundary and therefore will be less than 25dB(A) based on 824 Plain Road which is 25dB(A) at 1.1km.

Both additional receivers are predicted to meet the legislative noise criteria.

Summary

2 additional sensitive receivers have been identified following submission of an acoustic assessment for the solar farm and energy storage facility at 124 Cornella Church Road in Colbinabbin, Victoria. The receivers are located at:

- > off Heathcote-Rochester Road, south of 1982 Heathcote-Rochester road and approximately 1km from the site boundary.
- > off Pardy Road, south of 574 Cornella Church Road and approximately 2km from the site boundary.

These receivers are located at a further distance than other receivers that have been assessed and, on this basis, have been found to have a lower noise level. Both receivers are below 25dB(A) which meets the legislative noise criteria.

A noise level lower than 25dB(A) is expected to be typically inaudible over background noise.

Will Gouthro
Technical Director
ADP Consulting Pty Ltd

**ADVERTISED
PLAN**

This copied document to be made available for the sole purpose of enabling its consideration and review as part of a planning process under the Planning and Environment Act 1987. The document must not be used for any purpose which may breach any copyright