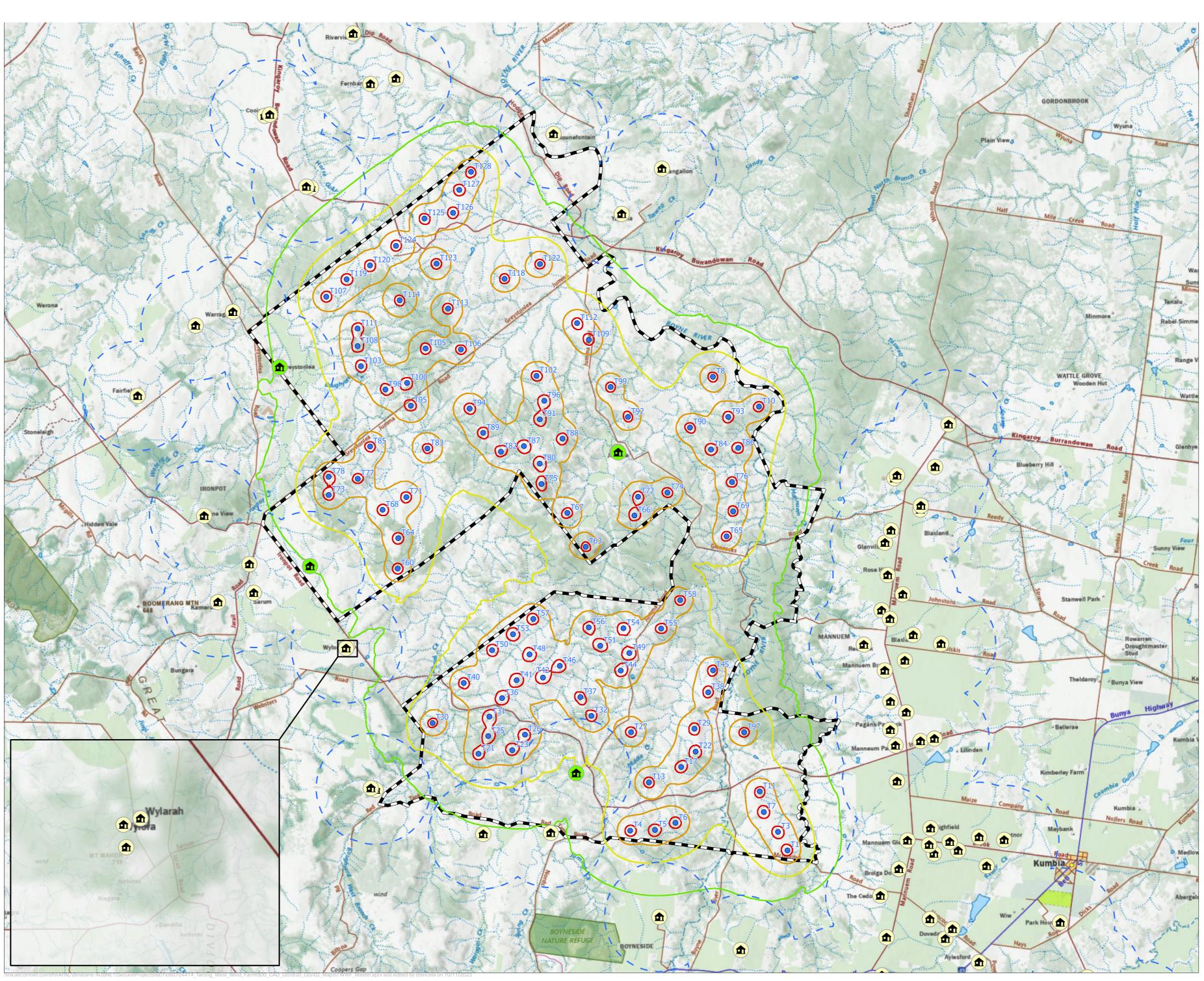
## TARONG WEST WIND FARM

### Noise

- The operational noise from the Wind Farm must comply with the criteria in State Code 23, which specifies noise limits for 'non-host lots' (i.e. Project neighbours) and a separation distance of at least 1500 metres between the turbines and non-host lots.
- The Project complies with the separation distance requirement. RES are also currently finalising a detailed noise assessment to demonstrate that the Project complies with the operational noise criteria included in the Code. The conditions of approval will require that the Project undertake operational noise monitoring within the first 12 months of the wind farm being fully operational (at a minimum). If noise exceedances were to exist, the Project would need to remedy this as it would be in breach of consent conditions.
- RES are also currently finalising a Noise Impact Assessment to demonstrate that the Project complies with the operational noise criteria included in the Code by not exceeding 35dbA at any non-host landowner residences.



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#### Legend

Turbine
Non-host residential receptor

Host residential receptor

Site Boundary

1500m setback buffer

Noise Contours 35-50 dB(A)
35
40

15
чJ

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State code 23 planning noise limits

Host residential receptors: Night: Noise level does not exceed 45 dB(A) or the background noise by more than 5 dB(A) – whichever is the greater.

Non-host residential receptors:

Day: Noise level does not exceed 37 dB(A) or the background noise by more than 5 dB(A) – whichever is the greater.

Night: Noise level does not exceed 35 dB(A) or the background noise by more than 5 dB(A) – whichever is the greater.

If required, each turbine can be programmed independently to operate in reduced noise level/sound power level mode to ensure State Code 23 requirements are complied with.



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#### TARONG WEST WIND FARM

#### NOISE CONTOURS