Fact sheet

Wind Farms
Farming

How much land will a wind farm take up?

The footprint of a wind farm depends on the topography of the land. A rule of thumb is the footprint attributable to a single wind turbine is approximately 1ha, and the footprint of the whole wind farm is typically around 2-5% of the total land area.

Can wind farms co-exist with farming operations?

Wind farms are compatible with farming, with many examples of wind farms successfully co-existing with cropping and grazing operations.

Aerial agriculture is also compatible with wind farms. Wind turbines are treated much like any other obstacles, which pilots need to check before they fly.

We will engage an experienced aviation specialist to work with landowners and local pilots to minimise any impact the wind farm will have on existing aerial agricultural activities.

We will work with farmers, rural and regional communities, and other industry groups at all stages of our projects development to minimise any land-use conflict. An agricultural impact assessment will form part of the development approval.

When planning the design and layout of the wind farm, we take into consideration existing farm operations and infrastructure. One example is when we upgrade the existing farm tracks that provide access to a wind turbine. Where possible, we will upgrade existing farm tracks, rather than build new tracks, to facilitate access to the wind turbines. These tracks support improved access across the land.

Do wind farms impact the ability to farm on neighbouring land?

All surveys, studies and designs completed as part of the planning application process provide us with a detailed understanding of the existing conditions on a wind farm's site (topography, soil condition, vegetation cover, etc.) and allow the project to be designed to have minimal, if any, impact on the ability to farm on neighbouring land.

How much water is required and where will it be sourced from?

During construction water will be required for concrete batching, soil conditioning and dust suppression. We estimate that approximately 2 megalitres of water will be required per wind turbine for the construction period.

Our water sourcing strategy will be finalised during the project's design phase. The final water sourcing strategy will be informed by detailed hydrology assessments.

Provide feedback

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