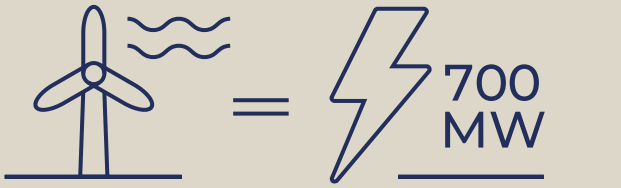
Fact Sheet No. 2 – March 2020

Winterbourne Wind

Generating a better tomorrow

Something is blowing in the wind at Walcha!

Wind energy projects harness an abundant natural resource to generate clean energy, while at the same time supporting local jobs and investment. The Winterbourne Wind Farm project will provide up to 700 megawatts (MW) of renewable energy and will contribute to the NSW Government's net-zero emissions target by 2050.



125 wind turbines **Renewable energy capacity**

Planning Process

All new wind farms projects are subject to appropriate government planning controls and assessment criteria. Projects are assessed on the basis of an Environmental Impact Statement (EIS), to be prepared by a qualified independent environmental consultant.

WinterbourneWind is currently preparing a Scoping Report for the project, which is the first step in the NSW Planning process for wind farms.

Key project considerations

Visual impacts

Although the population density is relatively low, there are several existing residences within the project area, and the proposed wind farm will be designed to minimize potential visual impact to landowners and tenants in the area.

Noise impacts

The wind farm will be designed to ensure that noise levels at residential receivers are below guidelines established by the NSW Department of Planning, Industry and Environment, which are among the most stringent noise criteria in the world.

Biodiversity

We will design the project to minimise impacts to local flora and fauna by siting infrastructure and roads to avoid areas of high conservation significance.

Cultural heritage

We will engage a specialist consultant to conduct a cultural heritage assessment, and will also consult with local Aboriginal groups and other local stakeholders during project development and design.

Water savings

We understand that water is a critically important issue for the Walcha community. Wind energy can significantly reduce the volume of water use required to generate electricity, relative to fossil fuel power stations. The largest share of water is used during the construction phase, primarily for production of concrete used in the wind turbine foundations. Once operational, the only water use would be for domestic purposes in the plant maintenance building.

Fuel type	Litres / MWh*
Hydro	53,160
Black coal	1,260
Brown coal	1,780
Natural gas	886
Wind	0.72

Source: https://arena.gov.au/assets/2018/10/ANU-STORES-STORES-Environmental-and-Water-Consumption-Impacts.pdf

Project life

Wind farms are typically assumed to operate for 25-30 years. At the end of this period, it may be possible to replace some of the equipment and extend the project for a further period. In any case, at the end of the project life, the wind farm owner will be responsible for removing the turbines and rehabilitating the site in accordance with the conditions of consent.

About WinterbourneWind

The project is being developed by WinterbourneWind Pty Ltd, which is majority-owned by Vestas, the most experienced wind turbine manufacturer in the world. Vestas is funding the development and will design, construct and operate the wind farm. You can learn more about Vestas at ***www.vestas.com***

Vestas

500 AU/NZ Staff

Sales, Development, Construction and Service

Winterbourne Wind

We are committed to keeping you informed about the project, and we want to hear from you!
Visit **www.winterbournewindfarm.com.au** or call **1800 252 040** to learn more.