

# Granville Harbour Wind Farm

## Fact Sheet

**The Granville Harbour Wind Farm is a 112 MW facility located near Zeehan, on the picturesque West Coast of Tasmania.**

The wind farm's 31 turbines produce around 400,000 gigawatt hours of clean, renewable energy every year. This is enough electricity to power around 46,000 homes – almost every household in the North West of Tasmania.



### Location

Tasmania has some of the best wind resources in the world and the Granville Harbour Wind Farm site is particularly well located given its proximity to prevailing westerly winds known as the 'Roaring 40s'. The site is also considered ideal for a wind farm because of its remote location, relatively low residential population and working farm environment.

### Fast Facts



31 Turbines



46,000  
Homes Powered



Wind Farm Capacity  
112 MW



77,000 tonnes CO<sub>2</sub>e  
Annual Pollution  
Abatement



Turbine Model  
Vestas Platform  
V126 3.6 MW



400 GWh  
Annual Production



Hub Height  
137 metres



Total Turbine Height  
199 metres



Blade Length  
62 metres



Transmission Line  
11 kilometres,  
220 kV



Grid Connection Point  
Reece Dam



### About the Wind Farm

Each of Granville Harbour Wind Farm's 3.6MW turbines reach almost 200 metres above ground – making these the tallest turbines in Tasmania at the time of construction. Giant, aerodynamic blades sweep an area equivalent to two full size soccer pitches – generating energy quietly and efficiently.

Each turbine has the capacity to operate independently and utilises sensors to assess wind speed and direction before manoeuvring to make best use of available wind resources.

The wind farm sends renewable energy to the Tasmanian electricity network via an 11-kilometre, 220kV transmission line that connects to the grid near the Reece Dam and Power Station. An onsite switching station and transformer 'steps up' energy before it is transported for use by homes and businesses.

### Safety and Environment

Health, safety and environment are integral to all aspects of our work and we take a proactive approach to keeping our people safe and protecting the environment.

Our site team operate under industry-leading safety standards and we have strict Environmental Management Plans in place to ensure native wildlife and vegetation is protected during wind farm operations. Key activities include fauna monitoring, noise monitoring, waste management and weed management.

### Benefits to the region

Throughout its operations, Granville Harbour Wind Farm will continue to deliver benefits to the local community – providing employment opportunities and helping to diversify the region's economy.

A team of four personnel are permanently based at the wind farm site to maintain the turbines and electrical infrastructure. Additional operational staff and specialist contractors also visit the site regularly and local businesses provide a range of services and supplies.

This ongoing maintenance expenditure is expected to see an additional \$2 million flow into the West Coast economy each year.

### Community

Maintaining strong connections with the tight-knit West Coast community is especially important to Granville Harbour Wind Farm's staff and owners.

The Granville Harbour Wind Farm Annual Community Grants Program provides up to \$20,000 funding each year to local groups working to deliver new facilities, community events and improvements to local amenity.



### Contact us

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