

Waipipi Wind Farm

Newsletter
Edition

07

August
2020

Wind Farm Update

The deliveries and assembly of wind turbines is underway and will continue until the end of the year.

Over two thirds (23) of the 31 turbine foundations have now been poured, with the final excavations and steel fixing being completed. Civil works are near complete and will be winding down in the coming months. The transmission line has also been completed from the project site to the Waverley Transpower substation with all 101 poles installed and the conductor strung. On the wind farm site all of the underground cabling is complete and the substation collecting the power from the wind turbines is 50% complete.

The final shipment of six hubs, 11 towers and 30 blades arrived at Port Taranaki in August. All turbine components have now arrived in New Zealand from overseas. Deliveries of blades, nacelles, hubs and tower sections from the port to the wind farm started in July and will continue for the next few months. On site there are a number of cranes doing pre-assembly (base and mid tower) and full assembly (top tower, nacelle, rotor) operations. Wind turbine assembly and commissioning will continue through the end of this year with first power from the wind farm scheduled to commence in November.

Since the start of construction the following works have been completed:

- Upgraded 4.5km of road between SH3 and the Dryden Road site entrance
- Established the site compound and site facilities
- Constructed an onsite access track network of more than 20km
- Completed the ground improvement works at 29 of the 31 turbine locations
- Completed 23 of the 31 turbine foundations
- Completed 14km of underground cabling between the turbines
- Completed the installation of 101 transmission line poles from the site to the Waverley substation
- Completed the stringing of the transmission line conductor
- Completed the site operations and maintenance facilities
- Six wind turbines fully assembled



Community Engagement

Tilt Renewables is committed to engaging with the community to ensure there is consistent, transparent and open communication. A Community Consultative Group has been established and is made up of representatives from within the Patea and Waverley communities.

The objective of the Community Consultative Group is to facilitate information flow between Tilt Renewables and the community. The group is an on-going point of contact for the community.

The functions of the Community Consultative Group include: acting as a forum for relaying community concerns about the construction and on-going operation of the Waipipi Wind Farm to the Tilt Renewables team, developing appropriate means of addressing (where possible) and managing those concerns, and reviewing the implementation of measures to resolve and manage community concerns.

COVID-19 Update

Construction activities at Waipipi Wind Farm continue under the current COVID-19 Alert Levels, as directed by the New Zealand Government. Specific and diligent measures are being implemented to reduce the risk of spread of COVID-19.

Waipipi key facts

Installed capacity:
133 MW

Annual production:
450 GWh per year

Wind turbine type:
SWT130 – 4.3 MW

Number of turbines:
31

Tower height:
95 metres

Blade height:
160 metres

Rotor diameter:
130 metres

Site area:
980 hectares

Transmission line:
11 kilometres of 110kV overhead transmission on monopoles

Construction timeframe:
Approximately 18 months



Contact us:

If you have any questions, get in touch by calling: **0800 WE TILT (938 458)**

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