

# Waipipi Wind Farm

Newsletter  
Edition

08

October  
2020

## Wind Farm Update

Turbine assembly and commissioning continues, and the project remains on track for the first turbines to begin generating electricity in mid-November.

All 31 turbine foundations have now been completed. Civil works continue for completing the crane hardstands and maintaining the site roads. The operations and maintenance facilities have been completed. Restorative topsoiling of the completed construction areas has commenced, while native planting along the Waipipi stream banks has continued.

The transmission line is complete and awaits energisation from the Transpower Waverley substation in November. The main transformer for the wind farm substation arrived from overseas and has been installed, while works there have continued to progress ahead of livening in November. The installed underground cabling network continues to be connected to wind turbines as they are being assembled.

Deliveries of blades, nacelles, hubs and tower sections from the port to the wind farm have continued with the final delivery completed on October 20th. On site, cranes continue to complete both pre-assembly (base and mid tower) and full assembly (top tower, nacelle, rotor) operations. A second main assembly crane arrived in September to assist with lifting operations.

Since commencing construction, the follow 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 at all 31 turbine locations
- Completed foundation construction at all 31 turbine locations
- Installation of the underground electrical cabling and fibre to all turbine sites
- Connecting of the underground electrical cabling to the assembled turbines
- Continued construction of the onsite substation including installation of the main transformer
- 24 turbines pre-assembled
- 13 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 will be 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. A Community Consultative Group meeting and site visit was held in September.

## COVID-19 Update

Construction activities at Waipipi Wind Farm continue under the guidance of the COVID-19 Alert Levels, as directed by the New Zealand Government. Specific and diligent site control measures continue to be 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

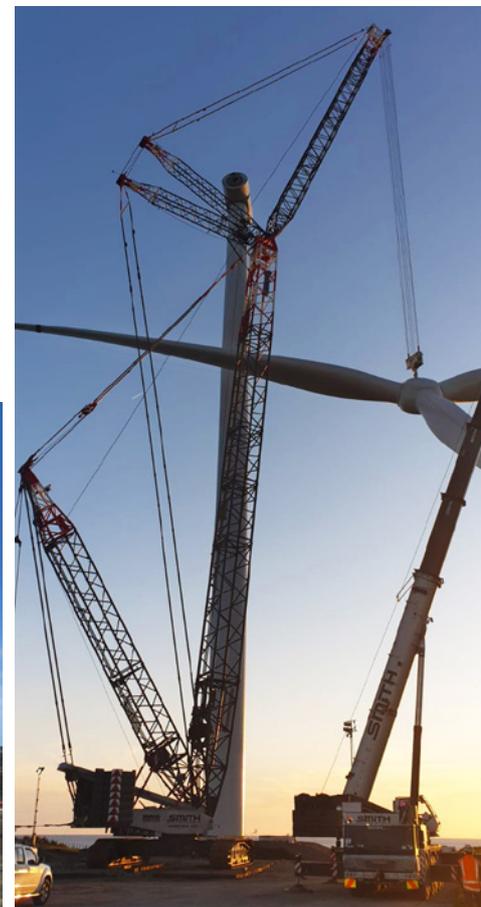
**Site area:**  
980 hectares

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

**Construction timeframe:**  
Approximately 18 months



Photos clockwise from right:  
Rotor lift at WTG 13  
Rotor lift at WTG 11  
Foundation pour at WTG 17



### Contact us:

For more information, or to provide any feedback, please visit the project website:

[www.waipipiwindfarm.com](http://www.waipipiwindfarm.com)

Email: [waipipiwindfarm@tiltrenewables.com](mailto:waipipiwindfarm@tiltrenewables.com) | Phone: 0800 WE TILT (938 458)