

KAIWERA DOWNS WIND FARM STAGE 2.

April 2025 Newsletter.



Site works are underway.

WELCOME

Welcome to this newsletter at the end of summer (where the ground dried out and good progress was made on site.)

We've ticked a lot of boxes during the dry weather. Huge thanks to the site teams and local businesses getting behind this project!

Please forward this to anyone who might be interested. They can join our distribution list for future updates on kaiweradownswindfarm@mercury.co.nz

CREW ON SITE

Most days we have about 125 personnel on site with a healthy contingent of locals making up our workforce across all work fronts. A site compound has been established where most teams are based.

The Operations and Maintenance (O&M) building is up and is the future hub for the teams looking after Kaiwera Downs 1 and 2.



STAGE 2 KEY PROJECT FACTS.

Installed capacity	155 MW
Annual production	525 GWh/yr
Wind turbine type	Vestas V136 – 4.3MW
Number of turbines	36
Tower height	88m
Blade height	156m
Rotor diameter	136m
Transmission line	4km of 220kV overhead transmission on monopoles
Construction timeframe	Approximately 30 months

ENVIRONMENT AND SAFETY

Environment Southland had a good look around the site last month and gave us positive feedback. It's a big site which requires ongoing commitment from all the teams involved to maintain high environmental outcomes for this build.

A large amount of the early work has been rehabilitated and regressed along with new fencing so farming can continue.

The entry to Isla Road has been widened for safer entry and exit for site traffic.

KIT DELIVERED TO SITE

Transmission equipment and anchor cages to stand up the turbines have arrived – anchor cages for the turbines are being assembled and stored at a local freight and



storage business, ready for installation later this year.

Anchor cages for the transmission poles are being assembled on site. Like any flatpack delivery, the first thing to do is count it all and make sure it's all there.



CIVIL WORKS

We have a rock crushing operating on site which means rock excavated from the hardstand build process is available for the vast majority of roading material. This largely avoids trucking material in from off-site.

Approximately 8kms of roading has been completed with a further 12 kms in various stages of construction. About 25 kms of cable connecting the turbines has been laid, of 90 kms required to complete this work.

The hardstands, which include a crane pad and component laydown areas, are nearing completion for the first 6 turbines.



FOUNDATIONS GOING IN THE GROUND



The next big job is building the mighty foundations which includes a preblinding layer in the bottom of the foundation area, assembling a reinforcing cage

(50 tonnes of steel) and then pouring the concrete (around 400m³ for each one).

Two on-site batching plants will deliver 80m³ of concrete per hour. Concrete aggregates are being locally sourced, and local people are involved in concrete placing.



The substation is well underway, with Martin Civil Construction looking after the drains, ducting and building the station.

COMMUNITY FUND

This year's Community Fund was open throughout February. Thanks to our wonderful local committee, who considered the applications, the fund was split between Kaiwera Recreation, Reserve and Hall Society, Pukerau School, Tukurau Community Hall, Camp Columba and Wyndham District Toy Library.

Join our mailing list to hear when the Fund opens next year email: kaiweradownswindfarm@mercury.co.nz

Learn more about the Community Fund here: mercury.co.nz/kaiwera-downs-community-fund

Please forward this newsletter to anyone who might be interested. They can join our distribution list for future updates on the project and the community fund at kaiweradownswindfarm@mercury.co.nz



For more information, or to provide any feedback, please visit: mercury.co.nz/kaiwera-downs or email: kaiweradownswindfarm@mercury.co.nz