

Fortnightly Construction Update - # 49

Dundonnell Wind Farm

Site compound



The Tilt Renewables team is continuing with the construction of the \$560 million Dundonnell Wind Farm located approximately 23 kilometres north-east of Mortlake, in the Western District of Victoria. AusNet Services have constructed 38 kilometres of 220kV transmission line and a substation, which will connect the wind farm to the electricity network.

The team is progressing with turbine installation, now with a total of 14 turbine installations complete. The turbines stand at 189m high to the tip of the blade, and have a rotor diameter of 150m, making them the largest rotors anywhere in Australia. Turbine tower installation is underway at another 15 locations, with tower sections and turbine component deliveries ongoing from Portland and Geelong.

Civil works are also progressing with a total of 60 turbine foundations poured, 14 more excavations complete and steel fixing underway at multiple locations. The access track and cable networks continue to expand with around 50km of track now under construction and 34.2km of cable installed.

The commissioning team flicked the switch and energisation activities were completed at the Mortlake Terminal Station, the Blue Gums Substation and the 38 kilometres of 220kV transmission line. The transmission line is now complete and therefore should be treated as live. Energisation allows for the start of testing and commissioning of turbines at the wind farm site.

During February and March there will be works to rehabilitate temporary construction areas along the transmission lines (e.g. revegetation around the base of each pole). AusNet services will be managing these works.

News piece of the Week: *“Apprentices, trainees and engineering cadets worked over 16,000 hours on the now complete Connection Assets. That’s over 16% of the total hours worked on that part of the project.”*



The completed substation