



Main installation preparation

14/01/2019

Fortnightly Construction Update - # 47 Dundonnell Wind Farm

The Tilt Renewables team is back on deck, 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 are constructing 38 kilometres of 220kV transmission line and a substation, which will connect the wind farm to the electricity network. Following the conclusion of the holiday period, construction works will now start to ramp up again. Component deliveries have recommenced with locals to expect deliveries on the road from Portland up to the wind farm site.

The team are celebrating a happy new gear including a second blade gripper now onsite to assist in the installation of turbine blades. Turbine installation is progressing, with a total of 7 turbine installations complete and tower installation underway at another 14 locations. Civil works continue to progress with a total of 51 turbine foundations poured, 16 more excavations complete and steel fixing underway at multiple locations. The access track and cable networks continue to expand with 39.2km of track now complete and 18.0km of cable trenched and backfilled. The substation has now been completed and is ready for pre-energisation testing.

The transmission line crews have completed the construction of all transmission poles. Helicopter stringing and trailing ground crews continue with stringing works, with 33.8km of conductor and 31.9km of optic fibre cable strung. The Blue Gums Substation is largely complete following the successful installation and testing of the 220/500kV Main Transformer.

You may notice traffic control in place around the site including along Castle Carey Road, Mortlake-Ararat Road, Connewarren Lane, Nine Mile Lane, Woorndoo-Darlington Rd and Woorndoo-Dundonnell Rd. There are ongoing road works across the area to ensure roads are maintained in good condition. This may cause some traffic delays however the teams will make every effort to schedule works to minimise impacts where possible.

News piece of the Week: "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."

220/500kV main transformer installed

