

Weekly Construction Update - # 44

Dundonnell Wind Farm

Full installation complete of the first turbine



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

It took an upstanding effort during last week's blustery conditions, however the team managed to achieve a major milestone with the completion of the first turbine installation. Late in the week the crews were successful in completing the assembly of all components, consisting of five tower sections, nacelle and drivetrain, hub and three blades.

Civil works are also progressing with a total of 43 turbine foundations poured (over the half-way mark!), 10 more excavations complete and steel fixing underway at multiple locations. The access track and cable networks continue to expand with 33.6km of track now complete and 18.0km of cable trenched and backfilled. Low voltage cable installation and testing at the onsite substation is now complete with high voltage cable installation and commissioning works progressing. Production of gravel and rock products continue at the quarry.

Large deliveries will continue over the next fortnight and locals can expect to see tower sections and turbine components on the roads heading to the wind farm construction site.

The transmission line crews have now poured 126 pole foundations and 108 transmission poles have been erected. With a large portion of the poles now up, a combination of helicopter stringing and trailing ground crew have commenced stringing works. Three lines of conductor and one line of optic fibre have been pulled through the first 15.5km of a total of 38km. Helicopter stringing will continue over the next few weeks, however the timing for this activity is weather dependent.

You may also notice traffic control in place around the site including along Castle Carey Road, Mortlake-Ararat Road and Nine Mile Lane. There are ongoing road works across the area to ensure roads are maintained in good condition. This may cause some traffic delays.

News piece of the Week: *"The turbine stands at 189m high to the tip of the blade, and has a rotor diameter of 150m, making it currently the largest rotor anywhere in Australia!"*



Stringing works at the Blue Gums Substation