

Weekly Construction Update - # 45

Dundonnell Wind Farm

Three turbine installations complete



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.

Another two turbines have popped-up, taking the total wind turbine installation tally up to three. The main cranes will now be de-mobilised and moved to the next hardstand ready for the next turbine lift. Civil works continue to progress with a total of 46 turbine foundations poured, 10 more excavations complete and steel fixing underway at multiple locations. The access track and cable networks continue to expand with 34.6km 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.



Pole installation progress continues

The transmission line crews have achieved quite the feat, completing the construction of all 134 transmission pole footings. Crews will now shift their focus towards installing the remaining 21 transmission line poles (113 installed to date). Helicopter and ground stringing crews continued stringing works last week with the first 15.5km of conductor and optic fibre cable strung. Stringing activities such as bringing the line to tension, sagging and clamping-in works continue to progress along this section. Helicopter stringing will continue over the next few weeks, however the timing for this activity is weather dependent.

You may 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!”*