Weekly Construction Update - # 43
Dundonnell Wind Farm

25/11/2019

Main crane erecting wind turbine H09

Transmission pole foundation construction

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.

Turbine foundation construction continues to progress with a total of 39 turbine foundations poured, 13 more excavations complete and steel fixing underway at multiple locations. The access track and cable networks continue to expand with 31.7km of track now complete and 14.6km of cable trenched and backfilled. Construction of the onsite substation, operations and maintenance facilities are ongoing. Pre-erection works (assembly of first two tower sections) has commenced at the first 6 turbines in the southern most section of the wind farm. Following the arrival of the two main cranes, it has been noted that the brolga is no longer the largest crane in the area. The two 750-tonne cranes stand at a maximum height of approximately 120m and have commenced turbine installation.

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

The transmission line crews have now poured 121 pole foundations and 99 transmission poles have been installed. With a large portion of the poles now up, the first ~9.5km of conductor and optic fibre has also been strung. Helicopter stringing is to 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: "*Helicopter stringing works include the stringing of four lines in total: the 3 phases of conductor for power and one line of optic fibre for data and communication***."**