

16 November 2017

Yaloak South Wind Farm – November Update

Dear Neighbour,

Please find an update from the Yaloak South Wind Farm Project below.

Construction Progress

Construction is progressing well and we are on track for completion in the first quarter of 2018. The civil works on site are largely complete (earthworks, concreting, cable trenches). Our main work is now turbine installation, with 4 of 14 turbines now assembled.

First Turbine

The first turbine was assembled and in the air in late October (Yaloak No. 5). This is the first utility-scale wind turbine in the Moorabool Shire and currently the closest wind turbine to Melbourne (~60km), which is generating a great deal of public interest. More information about the project, including the technology used, is available online at www.pacifichydro.com.au.

How a turbine is assembled

Wind turbine assembly takes several steps. First, the three tower sections are lifted and attached to each other. Then the nacelle (where the electrical generator is located) is lifted and fitted to the top of the tower. The blades and hub are then assembled (together, called the rotor), which is then lifted into place and fixed to the front of the nacelle.



LEFT: assembling the tower sections. RIGHT: installing the rotor (hub+blades) to the nacelle.

The duration of each lift depends on the weather conditions at the time and can be quite a challenge. While conditions may be still on the ground, it can be windy 80 metres up at the 'hub' height.

For technical, logistical, and safety reasons we seek to take advantage of any calm weather periods, so some works out of our standard construction hours (7am-6pm Mondays to Fridays, and 7am to 1pm on Saturdays) may be required. By using these calmer weather conditions, we hope to complete construction sooner.

Out of hours work

Our project team and construction partners WRJV, Senvion, and Boom are working hard to minimise the impact of construction on the community.

As mentioned, over the coming weeks work beyond our standard hours (both during the week and on weekends) is likely. This may include work on Sundays where conditions are suitable.

We do not anticipate that these works will create any disruption to the local community; and generally will be restricted to activities occurring on-site. Local roads may see some light vehicles travelling to and from these works; and there may be lighting used at the work area if turbine assembly works are to occur outside daylight hours.

The project is on track to have all towers and components assembled and installed by early next year.

Powerline Works

Powercor (the local electricity network operator) have completed works on the short powerline extension from Hamills Lane, across Glenmore Road, through to our electrical substation on site. Please note that the new powerlines in this area are now live.



Sunrise over Glenmore Road, with turbines 5, 6, 7, and 8 assembled.

Yours sincerely



Adam Chandler
Senior Project Leader – Communications and Engagement
Pacific Hydro

For enquiries regarding this letter, please contact:

Adam Chandler
enquiries@pacifichydro.com.au
Tel. 1800 730 734