



No. 25 | June 2020

Welcome to edition 25 of the Stockyard Hill Wind Farm Newsletter. This newsletter provides information to communities involved in the Stockyard Hill Wind Farm project. More copies are available by either contacting us, or downloading from our website - [www.stockyardhillwindfarm.com.au](http://www.stockyardhillwindfarm.com.au)



## Stockyard Hill Wind Farm commences commissioning phase

Stockyard Hill Wind Farm has celebrated a significant milestone in May with the first wind turbine connected to the Victorian transmission network and generating electricity.

Stockyard Hill Wind Farm, the largest wind farm in the Southern Hemisphere, has installed 96 Goldwind 3S turbines to date of the 149 total. In an important step towards full operation, the first of the project's three substations has been energised, enabling turbines to be commissioned.

Goldwind Australia's Managing Director, Mr John Titchen said this was a significant milestone for the project which once fully operational will power more than 425,000 Victorian homes.

"The project team and its contractors have worked tirelessly to achieve this milestone," Mr Titchen said.

"The project's size has at times proved challenging during construction, not only in constructing the wind farm infrastructure, but also constructing the 75-kilometre 132 kV multi duplex powerline and the Haunted Gully Terminal Station, which connects the project into the national energy grid."

"The highly focused team has worked collaboratively with project stakeholders to overcome these challenges."

Construction of Stockyard Hill Wind Farm commenced in May 2018 and has seen more than 400 employees and contractors on site during stages of construction, including many local Australian companies.

### Quick facts

As of June 19, 2020:

- 96 turbines fully installed
- Access tracks fully completed - 104 kilometres in total
- All 149 turbine foundations have been completed
- Underground cabling completed 130 kilometres in total



# Local supplier's pivotal role in construction

**Toohey Form-Crete, based in Ballarat, recently wrapped up work at the Stockyard Hill Wind Farm, after approximately 18 months on site as part of the wind farm's ongoing construction.**

Toohey Form-Crete played a pivotal role in forming and pouring foundations for the 149 Goldwind turbines for the wind farm. Toohey Project Manager Luke Kane said construction work at Stockyard Hill Wind Farm was the largest job Toohey has taken to date.

The project - due to the number of foundations and the amount of form work and concrete - was significant and has been one of the largest projects we have completed.

"We formed and poured anchor and gravity foundations for all 149 Goldwind turbines for the project, using approximately 67,000m<sup>3</sup> of concrete, including placement of the 6,450 tonnes of steel reinforcement and precision placement of the bolts which attach the towers to the foundation.

"As part of this project we increased our employee numbers by approximately 20 which has provided a great lift not only to our business but the local industry. We also used a local sub-contractor, Loaded Steel to assist us with the steel fixing."

Luke said the local benefits did not stop there with Toohey also sourcing most of the materials from a local supplier.

"As part of completing our role we used a number of local suppliers, sourcing the material from the Ballarat region, meaning there was a massive flow on locally. Completing this project has provided us with both the 'know how' and confidence to continue to engage and bid on other large infrastructure projects in Victoria," commented Luke.

Stockyard Hill Wind Farm Investment and Delivery Manager, Justin Howes, said Toohey was one of many local suppliers that have made a significant contribution to the construction of the wind farm.

"We were extremely pleased to partner with Toohey Form-Crete for the foundation works for the project. We have found the Toohey team to be very professional and capable.

"The Toohey team joins a number of local suppliers and subcontractors that are working to make the construction of the wind farm possible. This includes local manufacturing of the equivalent of 28 towers for the wind farm in Portland Victoria by Keppel Prince Engineering."



# Deliveries coming to an end



Over dimensional deliveries to the site are coming to an end in the coming weeks, so we thought we would provide some information on the logistics project itself. The project has included:

- Chartering and operation of 17 shipments from China to Geelong Port
- More than 1600 oversize loads deliveries to site
- On average each oversize load takes approximately 3.5 hours to be delivered to site from the Port
- Approximately 500 normal truck loads and containers
- 900,000 cubic metres of infrastructure delivered

Blue Water Shipping Project Manager Therkel Iversen said the project has been one of the largest they have ever undertaken.

“The size of the infrastructure and the amounts of deliveries has been enormous and certainly one of the largest we have ever undertaken. The detail in the planning, let alone the actual delivery provided many challenges. We are all very proud of the of the work we have been able to accomplish to help the largest wind farm in southern hemisphere to come to life.”



## Community seeing the benefits

The Stockyard Hill Wind Farm continues to provide great support for local community with the following groups gaining support.

- **Carngham Linton Football Netball Club** - Installation of barrier nets behind goals at Snake Valley ground
- **Woody Yaloak Primary School – Snake Valley** - Shade sale for playground
- **Beaufort Walkfest Inc.** - 3 metal signs for entrances into Beaufort
- **Carngham Recreation Reserve** - New mower
- **Lake Goldsmith Steam Preservation Society** - Purchase and installation of CCTV cameras in and around venue site
- **Skipton Pre-School Parents Association Group** - A group of vegetable garden beds in new outdoor space
- **Still pending - Beaufort Bowling Club** - Development of new synthetic green



# Landscape and Visual Screening Program

**The Stockyard Hill Wind Farm under the Planning Permit issued by the Victorian Minister for Planning requires an Off-Site Landscaping Plan/assessment to be offered to owners of dwellings within a 4 kilometre radius of a visible turbine.**

If you have a residence within 4 kilometres of a wind turbine and is visible at your dwelling you may be eligible for either:

- A financial contribution for screening
- Landscaping to form a visual screen

If you would like to find out more information, register or check your eligibility, please contact us on:

- Telephone: 1800 753 730
- Email: [stockyard@goldwindaustralia.com](mailto:stockyard@goldwindaustralia.com)
- Website: [www.stockyardhillwindfarm.com.au](http://www.stockyardhillwindfarm.com.au)

All Expressions of Interest will be accepted until 12 months following the installation of the last turbine at Stockyard Hill Wind Farm (anticipated October 2020).



**For more information visit [www.stockyardhillwindfarm.com.au](http://www.stockyardhillwindfarm.com.au)  
or call our project hotline on 1800 753 730**