

Stockyard Hill Wind Farm Transmission Line and Haunted Gully Terminal Station

Goldwind Australia has contracted AusNet Services to build an approximately 75-kilometre long transmission line from Stockyard Hill Wind Farm to a new terminal station located at Haunted Gully south of Lismore.

AusNet Services will construct, own and operate these new assets. Construction is expected to begin in July 2018, with works expected to be completed in late 2019.

AusNet Services is experienced in the construction and maintenance of transmission lines and terminal stations. We own and operate the majority of Victoria's electricity transmission network, including 49 terminal stations, 13,000 towers and over 6,600 kilometres of high-voltage transmission lines.

We move energy

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About Stockyard Hill Wind Farm

Final approval for the development of the Stockyard Hill Wind Farm was provided by the Victorian Government in May 2017, and the secondary consents were approved in May 2018.

The wind farm will have 149 wind turbines and will be owned and operated by Goldwind Australia. The wind farm is located between Skipton and Beaufort, 35 kilometres south east of Ballarat.

Goldwind Australia purchased the rights to develop the Stockyard Hill Wind Farm from Origin Energy in May 2017.

More information on Stockyard Hill Wind Farm can be found at:

www.stockyardhillwindfarm.com.au

The Transmission Line Route

The transmission line will run from the wind farm to the Haunted Gully Terminal Station south of Lismore, this will allow the wind farm to connect to the national electricity grid via the Moorabool to Heywood transmission line.

Since 2009 there have been several proposed routes for the transmission line, following extensive studies, consultation and assessment.

To reduce impact, the route is primarily located within private farming properties along paddock fence lines and also follows some sections of road reserves. Transmission line easements on individual properties were negotiated by Stockyard Hill Wind Farm staff over a number of years.

Permits

Permits have been granted for the terminal station and powerline by Corangamite Shire Council and the Minister for Planning.

During the permit process a number of studies were undertaken and presented as part of a development application. These included studies for noise, flora and fauna, geotechnical assessment, cultural heritage and visual impact.

The applications for the terminal station and the transmission lines were open to public submission in November 2012 and February 2017 respectively, and were ultimately approved in February 2013 and May 2017.

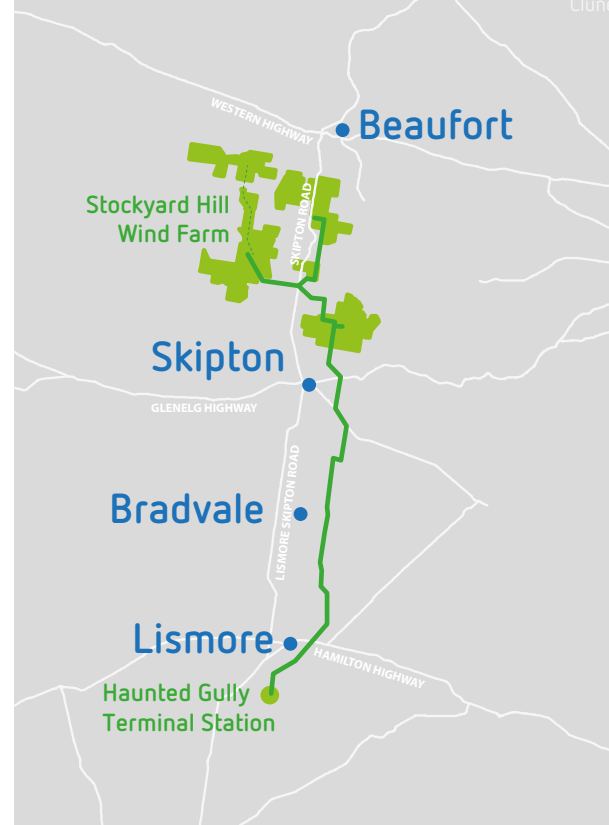
Poles in these photos are indicative of final design.



Request images of the planned construction in your area

If you would like to see images with an overlay of the planned transmission line construction in your area, please email:

SHWF@ausnetservices.com.au



The construction process

Prior to the commencement of construction, some preliminary activities will be completed, including:

- Surveying works
- Vegetation trimming and removal (as required under the Native Vegetation Management Plan)
- Collection and preservation of cultural heritage artefacts (to be undertaken by a cultural heritage adviser working with the traditional owners of the land.)

Construction activities along the route will not necessarily take place uniformly, and will vary dependent on access to land. The weather may also influence the construction schedule.

After the pole foundation has been installed and concrete cured, pole erection will occur.

Stringing of lines between poles will take place once each section of the transmission line is complete. This may take place some months after construction of the poles.

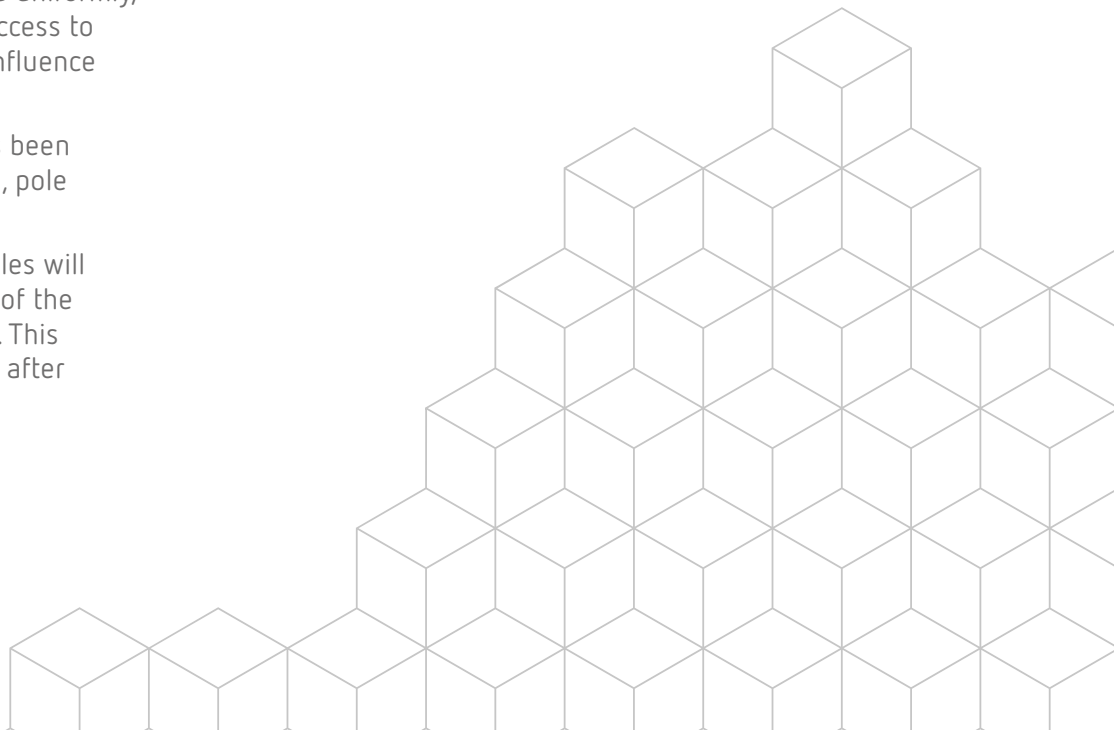
Work hours will take place in accordance with the planning permit. All reasonable steps will be taken to minimise disturbances in residential areas during early morning periods.

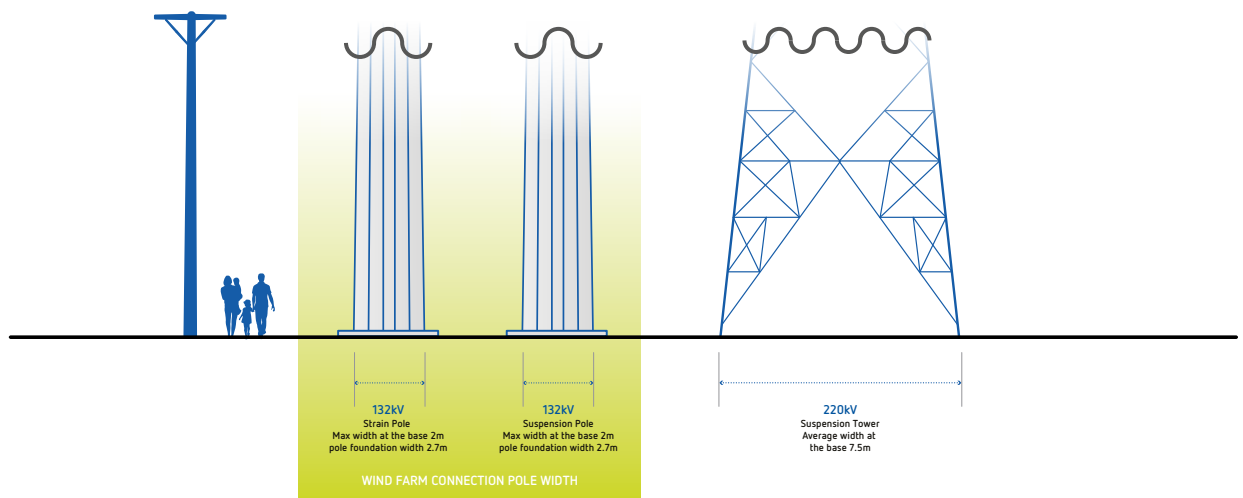
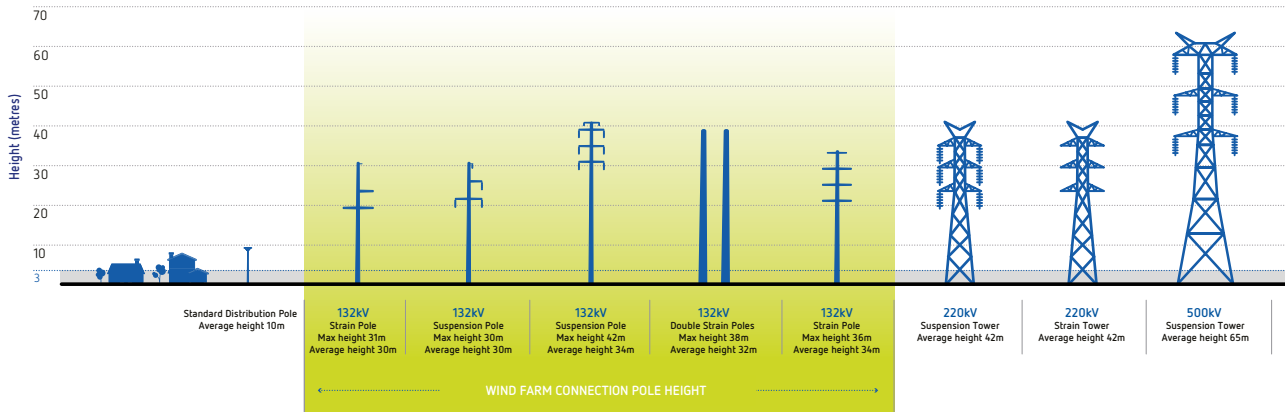
Vegetation removal

Some vegetation must be trimmed and cleared around poles for the safe operation of a transmission line. This includes removing trees up to 18 metres on each side of the poles.

Where the removal of native vegetation is required, Goldwind Australia have secured native vegetation protection areas within the wind farm to offset losses.

Above right:
Map of Stockyard Hill Wind Farm and Haunted Gully Terminal Station





Road safety

AusNet Services must work to strict regulations set by the Corangamite and Pyrenees Shires. These regulations include how often construction workers can use local roads and how many vehicles can be on the road at any one time.

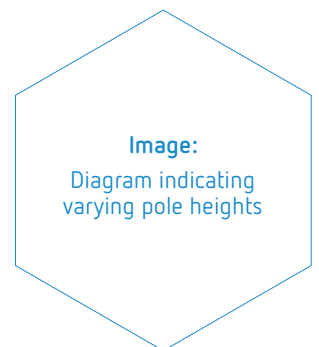
Residents should show caution when driving through areas of active construction and be aware that road conditions may change. Please follow any traffic instructions and take extra care when driving at night and during bad weather.

Transmission Line Design

The poles will be made out of galvanised steel and will be hexagonal in shape. The maximum width of the pole base is 2 metres.

Poles will vary in height depending on where the poles are located. They will not be higher than 42 metres and are unlikely to be less than 30 metres in height.

All overhead cabling and wires will hang a minimum 8.6 metres above the surface of the land directly beneath the cable.



How to contact the team

Please contact the project team if you have any questions or feedback regarding the construction of the transmission line or terminal station.

Phone: 1800 98 91 92 or email SHWF@ausnetservices.com.au



www.ausnetservices.com.au/Community/Major-Projects/Stockyard-Hill-Wind-Farm



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