COPPABELLA WIND FARM

Project Update #25 for CCC Members

18 June 2026



Presented on behalf of Coppabella Wind Farm Pty Ltd

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Acknowledgement of Country

We acknowledge the Traditional Custodians of the Land where our project is located.

We pay our respects to Elders past, present and emerging, and recognise their enduring cultural, spiritual, and historical connections.

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Community Engagement Update



Community Engagement Update

The Binalong Information Centre is open

- Alison is available at Binalong on Mondays 12:30 – 2:30pm and Thursdays 9am – 12pm.

- The Community Partnership Program continues with funding for Harden Rodeo and continued support for Bookham Community Association.

- Coppabella Website is continuously updated. This includes new information about LTESA reporting done on a quarterly basis.



The Information Centre is open to provide information about the development and operation of Coppabella Wind Farm.

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Harden Rodeo

Anzac Day celebration for a celebration that returned in 2026 after a 7-year hiatus







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Community Partnerships

Our commitment to the community

- LTESA commitment
  prior operation $35,000+/year for local projects + more in jobs and training to follow

- To have operating Agreements between Yass Valley and Hilltops Councils Community Enhancement Fund: $172.5K/year, Supplementary fund of an additional $100k

- Coppabella Wind Farm is open for community sponsorship and partnership applications.



Photo: Previously sponsored Binalong Brahmans Football Team

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Community Engagement

Project Contact and Information	
General Information hotline (free call where you leave a message and Alison will call you back)	1800 884 689
Email	info@coppabellawindfarm.com
Website	www.coppabellawindfarm.com
Paul's direct phone number (Stakeholder Engagement Manager)	0400 004 293
Alison's direct phone number (Local Community Relations Officer)	0401 472 691

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Project Update

Project Update – key elements

Project Update

Progressing internal Goldwind approvals

- Focus is being placed on optimising program activities with the Balance Of Plant (BOP) civil & electrical construction contractors – this extends to inclusion of BESS addition
- Construction funding arrangements progressing and negotiation with potential investors

Finalised Coppabella program

- Civil, electrical, grid and turbine program components have been integrated into an overall program

Planning Approvals (State, Federal, Crown):

- Modification 2 for BESS infrastructure to be included – In final stages of the assessment process
- Satisfying pre-construction conditions, management plan preparation and, compliance planning activities
- Environment Protection Licence (for Construction Activities) to be obtained.

Project Update – key elements (cont.)

Grid Connection

- Connection Application was lodged Feb 2023
- Offer to Connect (Technical 5.4.3 a & b Letters) has been finalised July 2024 with AEMO and annual renewal subsequently agreed
- Updated Connection Application was executed Mar 2026. Agreement contracts together with scope of grid works have been finalised. The grid works being from Coppabella Wind Farm's sub-station via 47km's of transmission line to Coppabella's Point Of Connection (POC) at Yass sub-station.
- Transgrid is undertaking price-firming activities on grid works with selected contractors with grid works expecting to commence 3Q 2026
- Coppabella's 5.3.9 request to modify the existing Connection Approval is currently being considered for the addition of BESS to the Coppabella Wind Farm; with a decision expected June 2026

Transmission Line - Land Agreements

- Transgrid access arrangements – existing Transgrid lease arrangements permit upgrade works of the transmission line to carry two circuits to the Yass sub-station

Grid connection

- NER 5.3.6 offer to connect came from Transgrid to Coppabella Wind Farm Pty Ltd at the end of March 2026.
- NER 5.3.9 Modification Process for Addition of BESS: Engagement completed with AEMO and Transgrid for inclusion of BESS in project scope.
- Stakeholder Discussions continue: Scope of due diligence power system studies finalised after collaborative discussions with AEMO and Transgrid.
- Due diligence power system studies have since been completed and provided to AEMO and Transgrid.

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Planning Assessment and Approvals Update



Planning Assessment and Approvals Update

Ongoing Update and Finalisation of Project Documentation

MOD2 Application for BESS integration - At advanced stage of review

Biodiversity Offsetting Requirements

- Biodiversity offset credit requirements received in January 2025. This satisfies CoC 19(A) a) and b). Confirmation of this is on Dept of Planning Website. Retirement of credits to be completed within 2 years from the commencement of construction

Variation to Condition of EPBC Approvals

- EPBC 2017/8129 was varied in May 25. Key change was the amendment of approved vegetation clearance limits and reduction in hollow bearing tree removal to reflect updated mapping.

Biodiversity Management Plan (BMP)

- Approvals from State and Federal agencies has been received. The BMP is now available on the CWF website.

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• Planning Assessment and Approvals Update

Other Management Plans

- Approved and any updated management plans are located on CWF website (Heritage, EMS, Superb Parrot Research Plan)
- Current approved Traffic Management Plan is being updated in consultation with TfNSW - around intersection upgrade for Hume Hwy & Whitefields Rd
- Works authorisation deed and Section 138 permits are being prepared for road upgrades
- Bird & Bat Management Plan – drafted – required prior to commissioning of turbines
- Whitefields Roadside Vegetation Management and Landscaping Plan in place. Future updates planned closer to construction with Whitefields Rd detailed design.

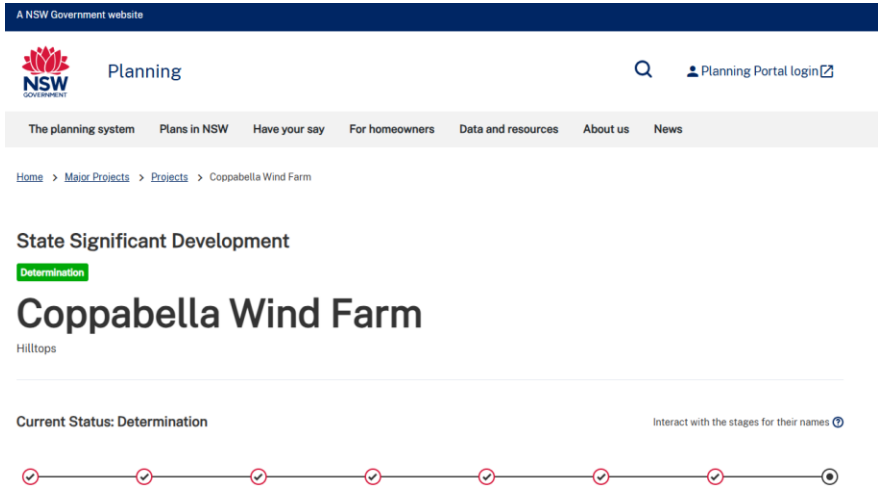
Submissions Report Lodgement

- Goldwind Australia has lodged a Submissions Report following the diverse topics sent by stakeholders. These topics were presented at the last CCC #24.
- The Submissions Report responses reflect practical research and application.



Next steps

- DPHI will complete their assessment and determination
- You can view all updates on the DPHI Major Projects website.
- Application of section 138 and WAD (Work Authorisation Deed) for road upgrades



Pre-Construction Roadworks



Preparing for Construction – Public road upgrade

1. Hume Highway / Whitefields Road Intersection Upgrade

- Public roads upgrade works will improve construction access to Whitefields Road and Hume Highway – scheduled for Q3 2026
- The 100% detailed design for the Hume Highway & Whitefields Road intersection works has been submitted to TfNSW for review.
- Intersection works will enable over-sized and over-mass (OSOM) vehicles to safely enter Whitefields Road that provides the primary site access via the Hume Highway.
- Upgrade works will include extending the turning deacceleration lane for westbound Hume Highway traffic entering Whitefields Road and, for exiting traffic, extend the merging acceleration lane of Hume Highway for eastbound traffic.

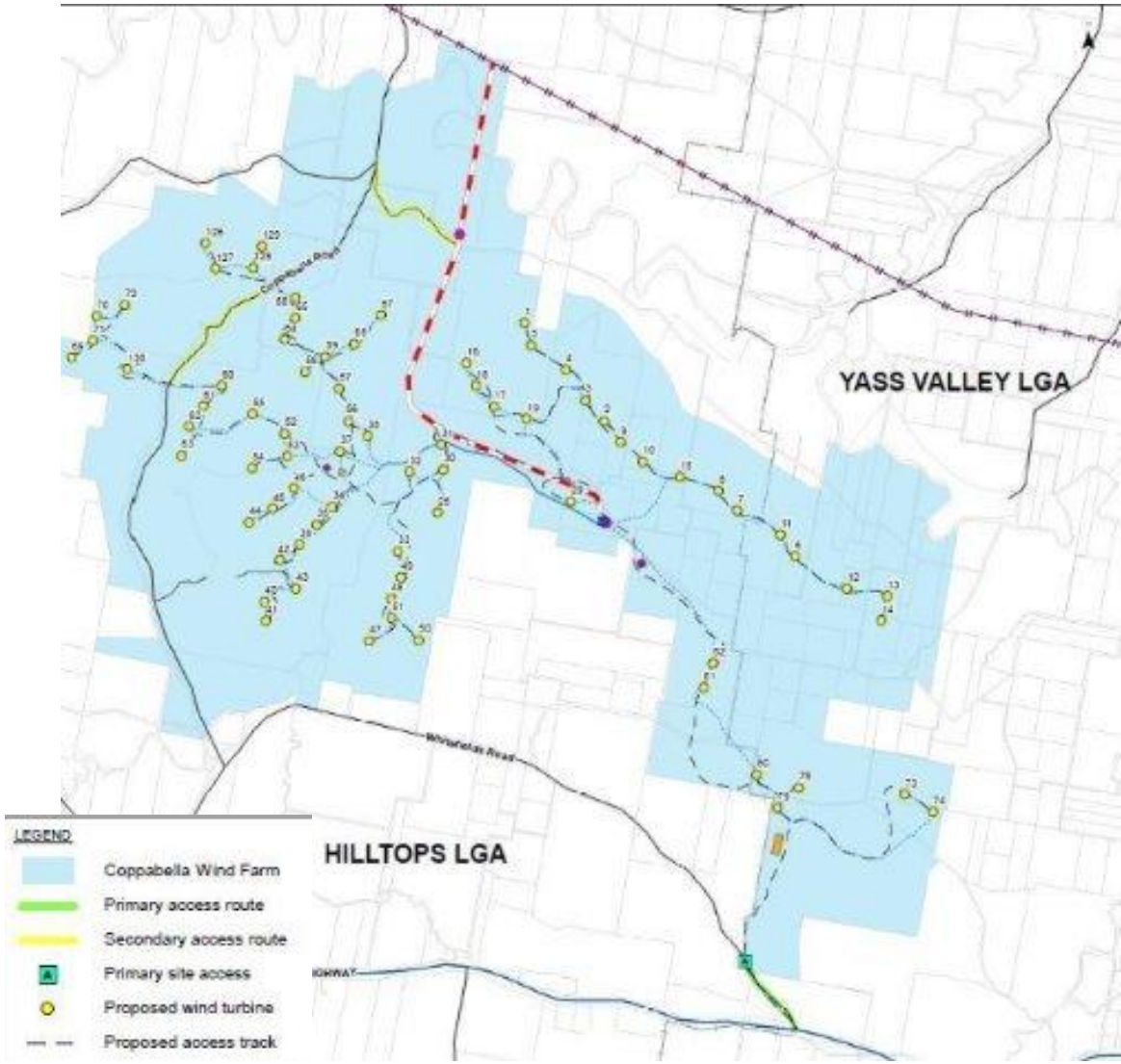


Image above: A design overview of road infrastructure related to Coppabella Wind Farm

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Preparing for Construction – Public road upgrade

2. Whitefields Road Upgrade

- Whitefields Road is the approved primary access route for CWF. It is an approximate 1.3 km section of unsealed road between Hume Highway and the CWF Project Area.
- Prior to construction, it must be upgraded, including a full pavement rehabilitation with integral drainage works.
- The detailed civil design for the Whitefields Road upgrade works has been prepared and will be submitted to the Yass Valley Council, as part of a Section 138 application.
- Whitefields Road easement with vegetated verges has environmental protection considerations, to ensure we protect local bird populations and adhere to native vegetation clearing approved by DPHI for the project.
- Replacement and preservation planting has commenced to offset removed trees and enhance existing native vegetation.

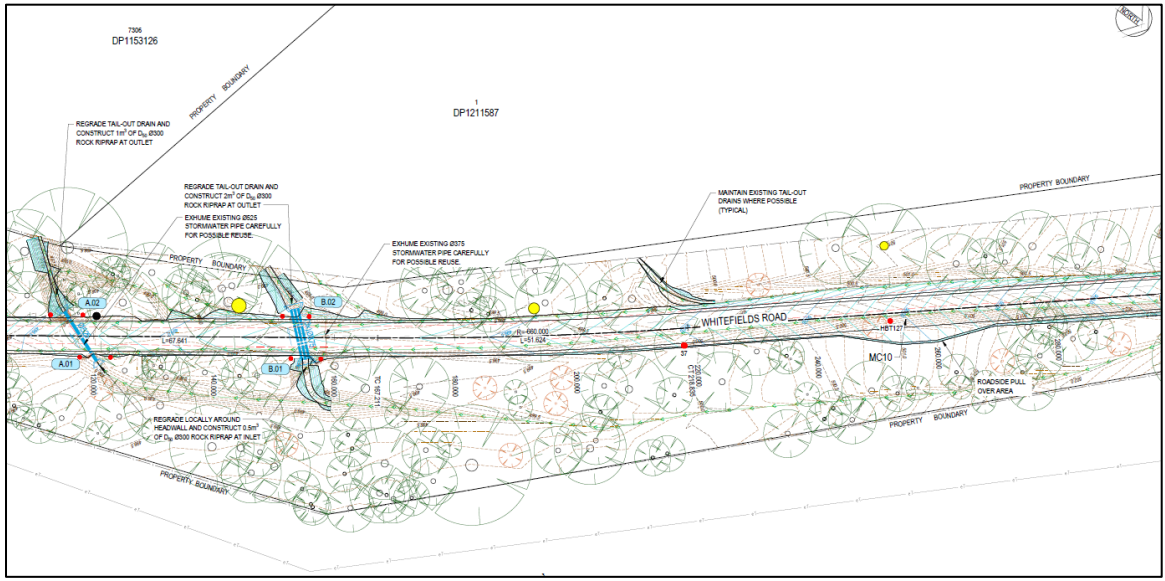


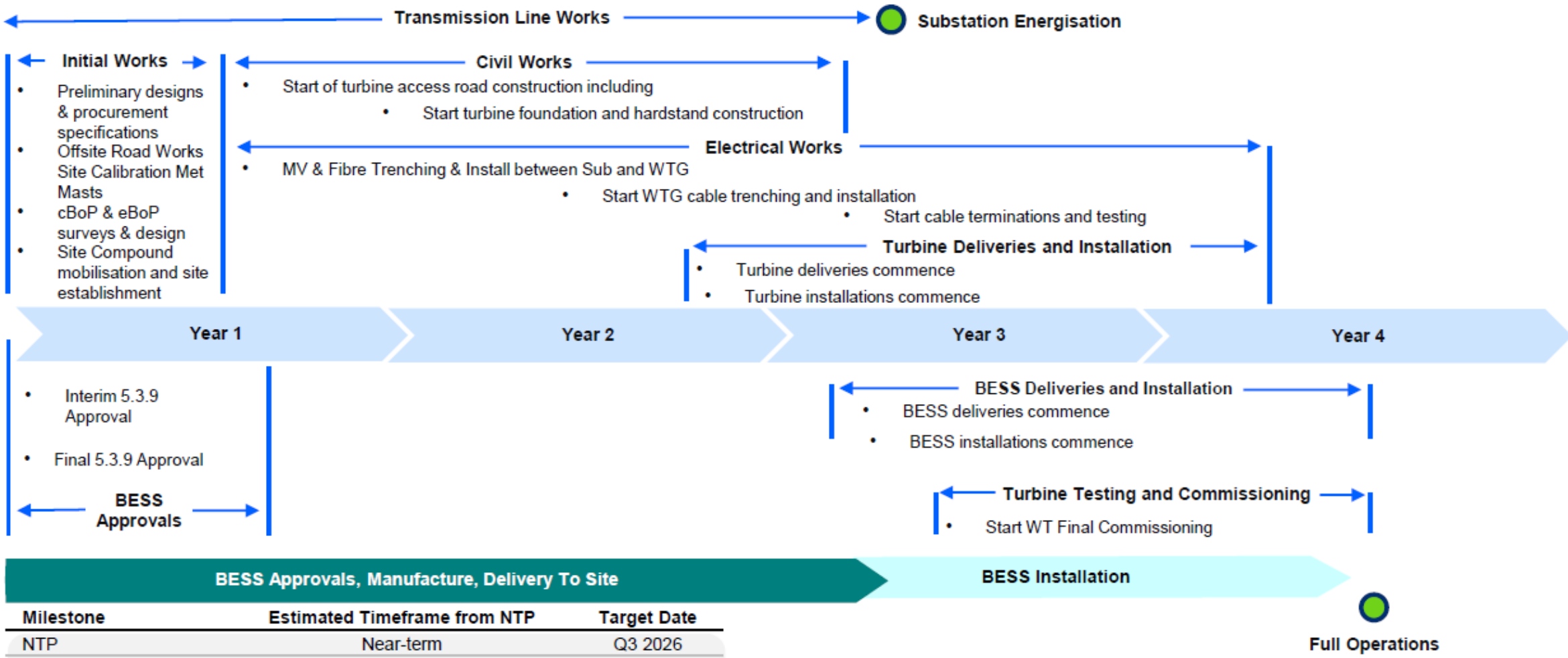
Image above: Whitefields Rd General Arrangement

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For illustrative purposes

Planned Delivery Program

Construction, installation and commissioning is expected to take ~3.5 years, with full operations commencing in late 2029



Milestone	Estimated Timeframe from NTP	Target Date
NTP	Near-term	Q3 2026
5.3.9 Final Approval	~10 months	Q1 2027
BESS Manufacturing	~20 months	Q2 2028
Energisation	~29 months	Q1 2029
PPA COD	~36 months	Q3 2029
Project COD	~39 months	Q4 2029
Practical Completion	~42 months	Q1 2030

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Goldwind
Q & A

Outstanding Items from CCC #23

Q: **Goldwind to raise with TransGrid lack of consultation on 99M**
A: Project will raise feedback during the Delivery Phase - prior to commencement of works.

We have discussed this matter with TransGrid.

Transgrid will manage the 99M Transmission Line upgrade works in line with their policy and requirements which has and will continue to include consultation with the community.

Transgrid

People. Power. Possibilities.

Transgrid Project Website:
https://www.transgrid.com.au/projects-innovation/coppabella-wind-farm/

FAQs

Coppabella Wind Farm – Rebuild of Transmission Line 99M & Yass substation works

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Q: **Infrasound, with the proven impacts of Infrasound on neighbours to wind turbine developments what contingency plans has Goldwind in place to compensate neighbours of the Coppabella wind turbine development against the impact of Infrasound?**

A: Extensive Australian and international research, including NHMRC-funded studies and world-leading double-blind trials conducted by the Woolcock Institute of Medical Research, has found no evidence that infrasound from wind turbines causes adverse health effects. Claims of proven infrasound impacts are not supported by scientific evidence.

Goldwind's approach is therefore focused on:

strict company compliance with the NSW Development Consent, Condition 11 Operational Noise Criteria for Wind Turbines and, Condition 12 Operational Noise Criteria for Ancillary Infrastructure

The owner of Coppabella Wind Farm will follow *Condition 13 conduct of noise monitoring within 3 months of commencement of operations and Condition 14 Further noise monitoring if required by the Planning Secretary*

Conformance with regulatory noise standards and/or guidelines including, the Department's *Wind Energy: Noise Assessment Bulletin* (2016 or its latest version) in relation to wind turbine noise and *NSW Noise Policy for Industry* in relation to Ancillary noise

Neighbour agreements with neighbours that have an interest in doing so.

There will continue to be transparent engagement with the community.

Further reading can be provided:

NHRMC Statement: Evidence on Wind Farms and Human Health

Wind farm 'noise' not harmful | Woolcock Institute of Medical Research

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Q: **Is the new line on top or adjacent to the current transmission line**

A: Transgrid is proposing to rebuild an approximate 40km section of Line 99M between the Coppabella Wind Farm (at Structure 143) and Yass substation as a double circuit line. A double circuit line increases the capacity of the transmission system by bundling conductors to make two different transmission circuits.

There will be an initial stage where the new poles are constructed adjacent to the existing transmission line, allowing the existing line to remain in service for the construction period.

Once the new poles are in place, outages will be taken in the defined sections of the transmission line. During these shutdowns, the conductors will be progressively de-strung from the existing poles and re-strung into the new, higher-tiered poles until the full section is completed.

This staged approach minimises outage durations while enabling the replacement of the line.

Below: current view looking north-west from Black Range Rd



Below: future view looking north-west from Black Range Rd



Existing and expected transmission line 99M
(photos supplied by Transgrid)

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Outstanding Items from CCC #23

Q: **How much SF6 gas will be used?**

A:

The wind turbines at Coppabella will comprise permanent magnet generators that do not require a gearbox. Small volumes of SF6 gas are used in the switchgear located at the base of the wind turbine. The volume will depend on the Type of Ring Main Unit installed. Additionally, there is a global phase out of using this gas.

This question was answered and presented to the CCC on 27 July 2023, at meeting number 16.

❖ *How much SF6 (Sulphur Hexafluoride) will be used on the Coppabella Project?*

TransGrid have responded that SF6 is often utilised in high voltage circuit breakers in the industry, but that they are also working with suppliers to explore equipment options that do not utilise SF6. Thus, it is not known at this time whether the new infrastructure at the Yass Substation will utilise SF6 or not.

In the industry, typical amounts of SF6 utilised in high voltage circuit breakers are:

- 132kV: ~26-30kg per circuit breaker
- 330kV: ~40-80kg per circuit breaker

Depending on configuration a maximum of 11.5kg of SF6 is used as an electrical insulator within the interrupter of Ring Main Units (RMU). Each turbine has a single RMU for generation to flow into the wind farm's ring main. Goldwind Australia has requested whether there are plans to use an alternative charging gas.



Image above: recently installed wind generator turbines at Clarke Creek, QLD

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Glossary

AEMO

Australian Energy Market Operator

BCD

Biodiversity Conservation Department

BOP

Balance of Plant

COD

Commercial Operation Date

DCCEEW

(Federal) Department of Climate Change, Energy, the Environment and Water

DPE (Previous name) / DPHI (Current)

DPE – Department of Planning and Environment, (previous)

DPHI – Department of Planning, Housing and Infrastructure) (current)

GWA

Goldwind Australia

IIA

Wind Class/Turbulence classification per IEC 61400

IEC

International Electroctechnical Commission

kV

kiloVolt – a thousand volts, a volt is a measure of electromotive force for power circuits

Lac

LiDAR assisted control

LiDAR

Light detection and ranging

LTESA

Long-Term Energy Service Agreement

NTP

Notice to Proceed

REF

Review of Environmental Factors

RFI

Request for Information – a document that details information, guidance and clarification needs required for specific aspects of a project.

STATCOM

Static Synchronous Compensator – a reactive power regulating device based on the voltage sourced converter (VSC) used to maintain AC system voltages and to enhance the stability of the AC system

TG

Transgrid

WT/WTG

Wind Turbine Generator

THANK YOU

GOLDWIND AUSTRALIA PTY LTD

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