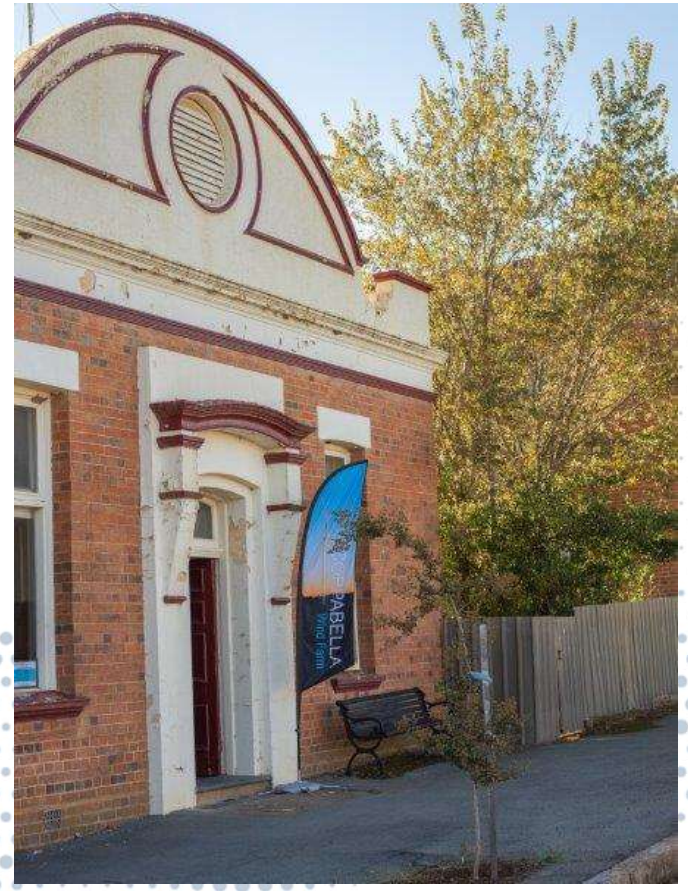
COPPABELLA WIND FARM

Project Update for CCC Members

16 October 2025



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Community Engagement Update

Community Engagement Update

The Binalong Information Centre is open

- Alison is at Binalong on Mondays 12:30 – 2:30pm and Thursdays 9am – 12 noon.
- The Community Partnership Program continues. Reach out to see where we can help.
- Paul and Alison are discussing with local neighbours about the project.
- Dates for SSD 6698 Modification 2 (BESS addition) Public Exhibition will be announced soon.
- Coppabella Website is continuously updated.

The Information Centre is planned
to be open on a new day during the
Public Exhibition, period to be announced

Community Partnerships

Our commitment to the community

Prior to operation $30-50,000/year for local projects

Once in operation,
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, such as our support with Bookham Community Association this time last year.

Community Engagement

Project Contact Points	
General Information hotline (free call where you leave a messages and Alison will get back to you)	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
Ben's direct phone number (Development Manager)	0400 882 095

Project Update

Project Update – key elements

Progressing internal Goldwind approvals

- Firm Pricing secured for Construction Contracts – eBOP / cBOP – including BESS addition
- Funding arrangements progressing

Finalised Coppabella program

- civil, electrical, grid and turbine program components integrated

Planning Approvals (State, Federal, Crown):

- Satisfying pre-construction conditions and compliance planning activities
- Environment Protection Licence (for Construction Activities)
- Transgrid Addendum REF 2 for 99M Rebuild (incl. STATCOM) was approved 1 March 2024

Grid Connection Agreement

- Connection Application was lodged Feb 2023
- Offer to Connect (Technical 5.4.3 a & b Letters) was provided 12th Jul 24 and basis of 2026 renewal agreed
- Transgrid has completed price-firming activities on grid works with selected contractors
- Updated grid schedule provided

Land Agreements

- Transgrid access arrangements – connect to grid (finalised)
- Neighbour Agreements

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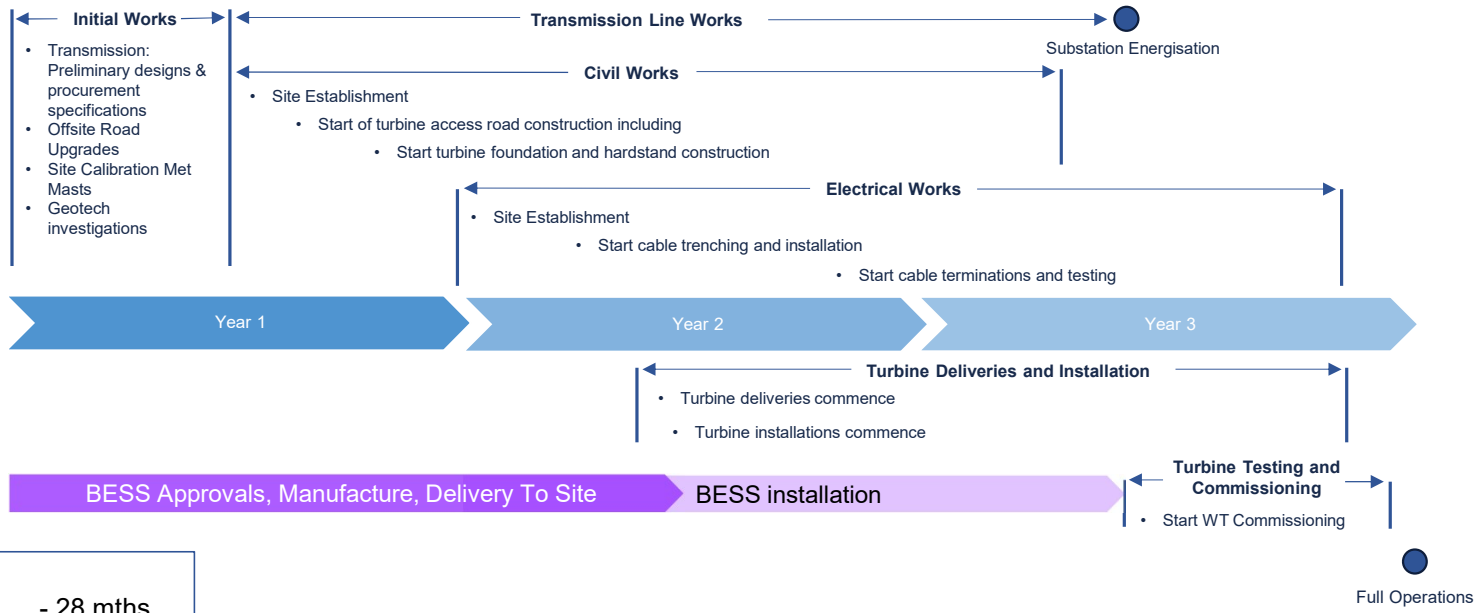
Wind Farm

Delivery Program

Goldwind

Project Activities

Indicative timeline, may change



NTP – 1Q26 (est)
Energisation - 28 mths
COD - 40 mths
Practical Completion - 43 mths

Project Timeline – includes BESS - 2H 2025 / Q1 2026

Key Dates

4Q 2025

- GW Approvals – finalising outstanding WIND, MOD2 BESS inclusion submission
- Investment funding (active)
- Planning
  - Compliance / plans (4Q25)
- Civils Design (Stage 1) – complete
- BOP re-tenders – complete, retained
- Grid Works 132kV
  - Transgrid – Full Offer To Connect (completing / expected 4Q25), continued preparations for 5.3.9 submission for planned BESS inclusion

Q1 2026 (tbc)

- Initial Works
  - Met mast deployment
  - Public Roads Upgrade Works (on NTP)
  - Other
- Notice to Proceed (NTP)
  - Electrical BOP
  - Civils BOP
  - Turbine Supply & Install
  - Transgrid Grid works

Planning Update

Planning Update

Ongoing Update and Finalisation of Project Documentation

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 Approvals

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

Biodiversity Management Plan (BMP)

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

Other Management Plans

- Approved and any updated management plans are located on CWF website (Heritage, EMS, Superb Parrot Research Plan)
- Current approved TMP is being updated in consultation with TfNSW - around intersection upgrade for Hume Hwy & Whitefields Rd
- 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 and detailed design of Whitefields Road.

SSD 6698 Modification 2 - BESS inclusion to Coppabella Wind Farm

Modification 2 Overview

- Modification 2 (Mod 2) involves co-locating a distributed BESS at wind turbine locations - up to 223 MW 4hr
- Mod 2 has been submitted with the Dept of Planning Housing and Infrastructure and is currently being progressed for submission completeness
- Once accepted the Mod 2 application will be placed on public exhibition for 14 days.
- Several technical studies were undertaken to support the application

Project Overview

Moorabool (VIC) – BESS Unit

The Mod 2 Application includes:

- BESS at wind turbine locations
- Battery chemistry is Lithium Iron Phosphate – highly stable
- BESS will be located on hardstand / blade finger areas which have been already cleared for construction – therefore no additional clearing above that currently approved is proposed
- BESS will be up to a 4 hour storage – which involves up to six containers at each location
- BESS units will be connected directly into the turbine via short underground cables
- Each BESS unit is fitted with standard safety controls and monitoring systems that meet international safety standards.

Mod 2 Technical Studies

- Radiant Heat Analysis
- Preliminary Hazard Analysis
- Risk Assessment
- Updated Traffic Study
- Noise Impact Study
- Bushfire Risk Assessment

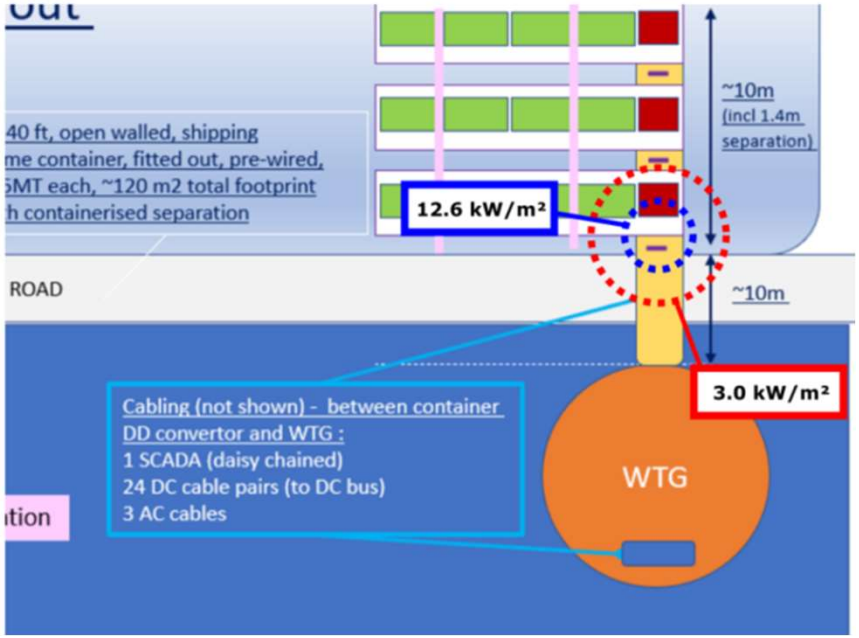
Heat Analysis

Radiant Heat Analysis was performed using the view factor method.

12.6 kW/m2 was used as the threshold for chance of fatality or structural damage

The heat contour of the BESS in the highly unlikely event of thermal runaway is 2.8m (blue dashed line) and 5.9m (red dashed line).

Heat Radiation (kW/m^2)	Impact
35	Cellulosic material will pilot ignite within one minute's exposure Significant chance of a fatality for people exposed instantaneously
23	Likely fatality for extended exposure and chance of a fatality for instantaneous exposure Spontaneous ignition of wood after long exposure Unprotected steel will reach thermal stress temperatures which can cause failure Pressure vessel needs to be relieved or failure would occur
12.6	Significant chance of a fatality for extended exposure. High chance of injury Causes the temperature of wood to rise to a point where it can be ignited by a naked flame after long exposure Thin steel with insulation on the side away from the fire may reach a thermal stress level high enough to cause structural failure
4.7	Will cause pain in 15-20 seconds and injury after 30 seconds exposure (at least second degree burns will occur)
3.0	Firefighters will not enter areas that are exposed to radiant heat equal or above this threshold.



Note: Indicative wind turbine & BESS details used only to illustrate relative extent of Radiant Heat Contours

PHA

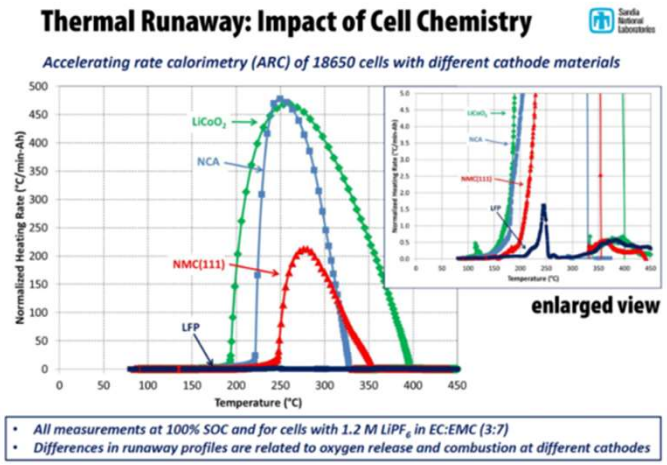
A PHA was prepared based on the BESS capacity and type proposed at CWF and looks at risk arising from events e.g. different fire scenarios

The PHA was a partially quantitative (Level 2) and was prepared in accordance with

- Hazardous Industry Planning Advisory Paper (HIPAP) No.6 – Hazard Analysis (Department of Planning, 2011);
- HIPAP No. 4 – Risk Criteria for Land Use Planning (Department of Planning, 2011).

- The PHA considered / undertook several hazard scenarios:
  - Hazard Analysis
  - Frequency Analysis
  - Consequence Analysis

- Concluded that in consideration of BESS chemistry and in-built safety systems no further level of assessment was required



SRAIRP Risk Assessment

A SRAIRP Assessment was also prepared based on the BESS capacity. This assessment looks at risk to personnel.

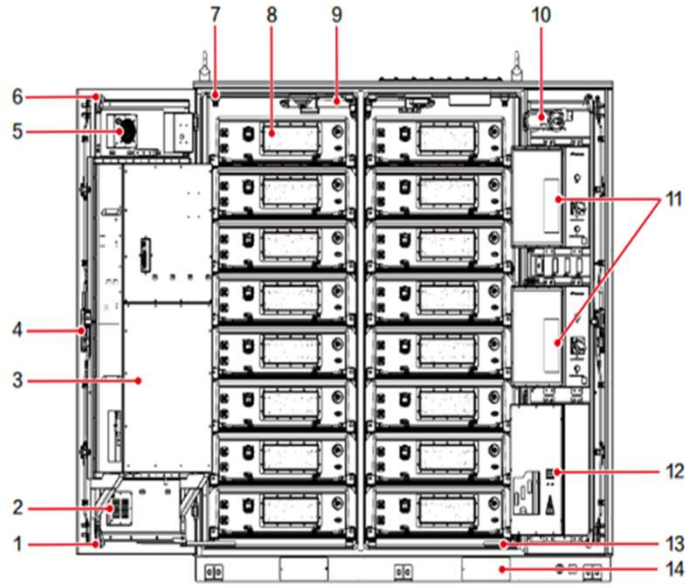
Similar to PHA considered / undertook hazard scenarios:

- Hazard Analysis
- Frequency Analysis
- Consequence Analysis

•Example: Based on the assessment, the estimated injury and fatality risk associated with a BESS fire could be:

- Injury: $8.02 \times 10^{-2} \times 0.0027 \times 0.3 = 6.59 \times 10^{-5}$
- Fatality: $4.53 \times 10^{-2} \times 0.0027 \times 0.16 = 3.52 \times 10^{-5}$

- This probability is extremely low and is due in part to the inbuilt safety features of the BESS – see RHS insert



No.	Name	Quantity	No.	Name	Quantity
1	Lower Load-Bearing Wheel	1	8	Battery Pack	16
2	Intake Fan	1	9	Water Spray Pipeline	3
3	Liquid Cooling Chiller	1	10	Aerosol Fire Extinguishing Device	1
4	Lock	3	11	Battery Cluster Protection Panel	2
5	Exhaust Fan	1	12	Distribution Box	1
6	Upper Load-Bearing Wheel	1	13	Water Immersion Sensor	1
7	Travel Switch	3	14	Forklift Hole	8

Bushfire Risk Assessment

The BRA was prepared with reference to the Planning for Bushfire Protection Guideline (PBP) 2019

Each individual BESS location was assessed as part of the risk assessment

Majority of sites complied with PBP. Three sites may be relocated to other areas of the hardstand to comply.

Recommendations Included:

- Maintenance of APZs by reducing fuel loads, maintenance of grassland, removal of vegetation debris, vegetation screening outside of APZ
- Comply with the performance criteria requirements for fire fighting access as per the PBP
- Firefighting water supply be provided at the primary vehicle access point to the project
- Comply with performance criteria for water supply as provided in the PBP

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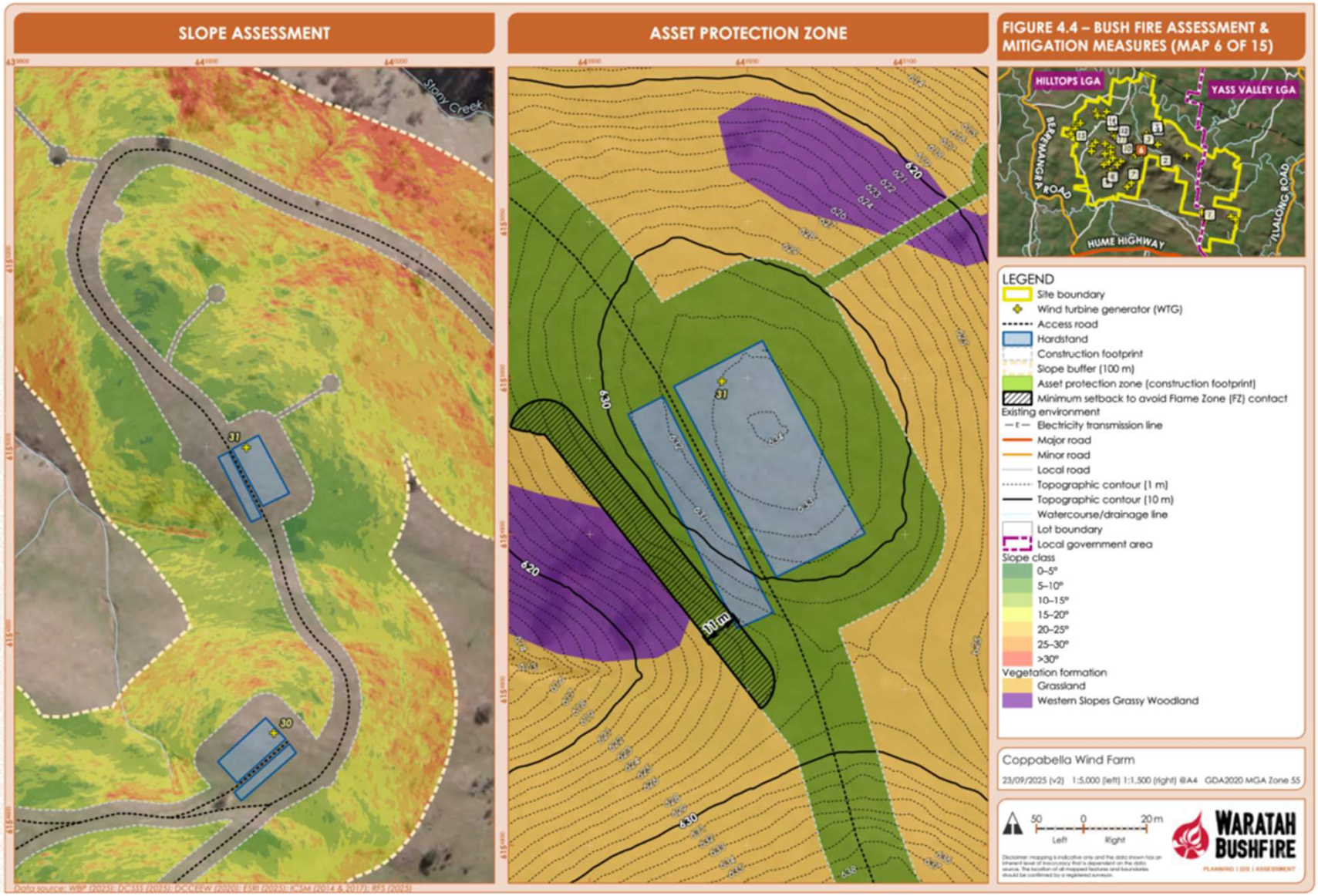
Example from BRA



Traffic Impacts

- Traffic Impact Assessment (TIA) was updated to include the additional heavy Vehicle traffic movements to the site for the co-located BESS units
- Updated traffic counts were undertaken at the Hume Highway intersection
- The TIA concluded that:
  - The current level of service (LoS) at the Hume Hwy/ Whitefields Rd would be maintained (A = Minimal time delays);
  - The proposed road modifications are suitable for the additional heavy vehicle movements.

Noise Impacts

- BESS Units operate at less than 75 dBA
- Assessment considered BESS operating alone (BESS and wind turbines cannot be assessed together as per the guidelines)
- Assessment concluded BESS would result in very low noise at two of the closest receivers :
  - 21dB(A) at Receiver C35
  - 20 dB(A) at Receiver C56
- Predictions are well below the threshold of 35 dB(A).

Visual

Containers will be off-white in colour for reflecting heat

Visuals of the BESS will depend on the topography and location and distance of the viewer.

GRID Connection – BESS update

Grid – BESS addition

- NER 5.3.9 Modification Process for Addition of BESS Initiated: Engagement underway with AEMO and Transgrid for inclusion of BESS in project scope.

- Stakeholder Discussions: Scope of due diligence power system studies finalized after several discussions with AEMO and Transgrid.

- Current Activities: Due diligence power system studies are in progress. These would be provided to AEMO and Transgrid for due-diligence review and approval.

- Next Steps: Targeting submission of studies to AEMO and Transgrid during Q4 2025.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Q & A

Outstanding Items from CCC #22

Q: None
A:

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 / DPHI

The changing name of the NSW Department of Planning

(DPE – Department of Planning and Environment,

DPHI – Department of Planning, Housing and Infrastructure)

GW (A)

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

THANKYOU

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