

COPPABELLA WIND FARM

Project Update for CCC Members

21 Nov 2024



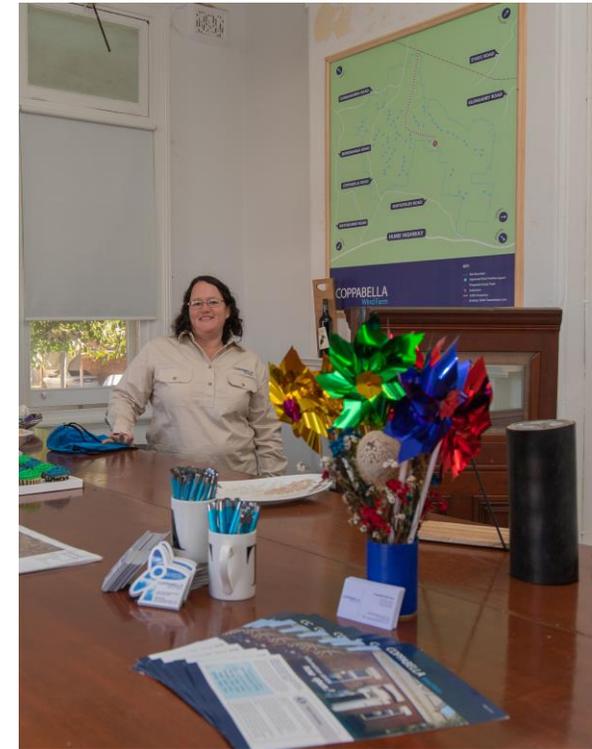
- Community Engagement Update
- Project Update
- Planning Update
- Construction & Operations phases – asset management introduction

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 – 12noon
- The Community Partnership Program continues with recent events,
 - Yass Irish and Celtic Festival
 - Harden Kite Festival
 - Bookham Community Association
 - Binalong Golf Club
 - Binalong NSW Swimming Club
 - Binalong Brahmans
- Paul and Alison are talking with local neighbours to provide a project update
- Spring Newsletter is being distributed
- Coppabella Website is continuously updated.
Project updates and news available, as we progress towards construction



As the project gets closer to construction, we will continue to support local communities

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

An audit was done of the Neighbours closest to the
wind farm site



| 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 for Construction Contracts – eBOP / cBOP
- Funding arrangements

Finalising Coppabella program

- civil, electrical, grid and turbine program components

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, commercial to follow
- Transgrid is progressing price-firming activities on grid works with selected contractors
- Updated grid schedule expected

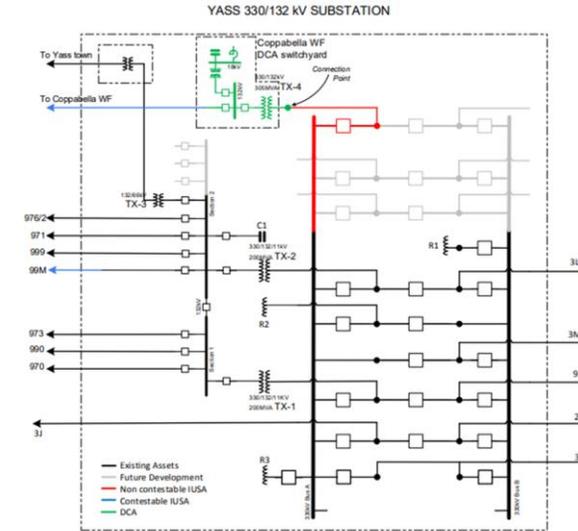
Land Agreements

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

Coppabella Grid Connection - Overview

Grid Milestone Achieved:

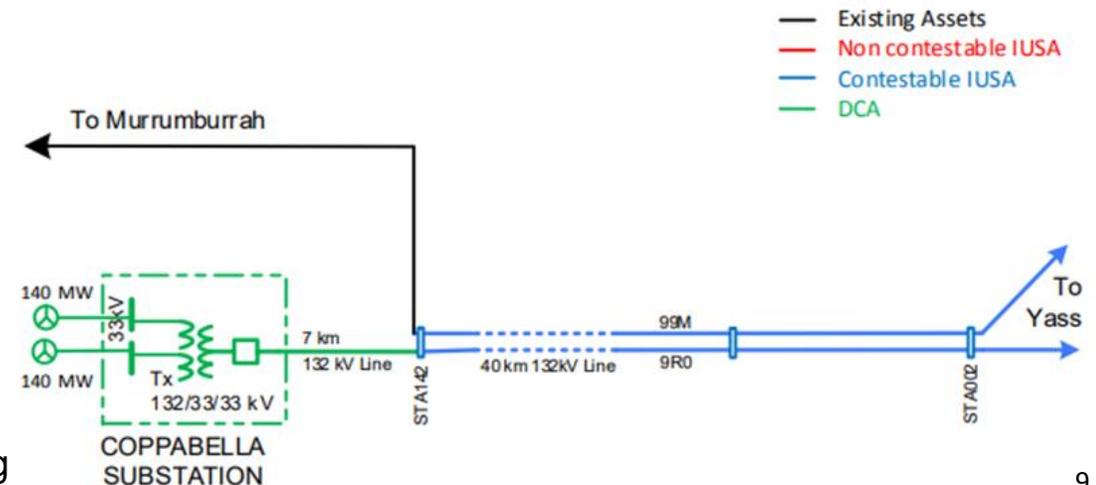
- Received 5.3.4 (a) and (b) Letters
- Indicates thorough due diligence and successful demonstration of grid connection of Coppabella Windfarm.
- Project is technically approved from NSP and Australian Energy Market Operator for connection to Grid.
- Coppabella Wind Farm has now been declared a committed project in the National Electricity Market (NEM), subject to achieving financial close.



Next Steps:

- The Network Service Provider (NSP) is progressing with price firming for the grid connection construction scope, which will enable the annuity and overall pricing to be refreshed.
- Finalize Grid Connection Commercial Contracts with NSP.
 - Project Agreement- Cover Grid Connection Construction
 - Dedicated Connection Agreement and Network Connection Agreement- These manage grid subscription and operation fees with NSP
- These agreements were originally executed in 2020 and are now being updated to reflect the expanded project scope.

Coppabella Substation and Line Works



Coppabella Construction Communications

Project has finalised its study for construction communications -

- Purpose is to provide 500M internet service / communications connectivity between
 - Main Compound
 - Western Compound
 - Onsite sub-station

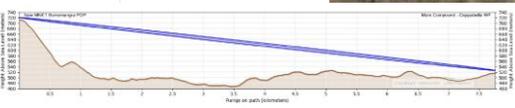
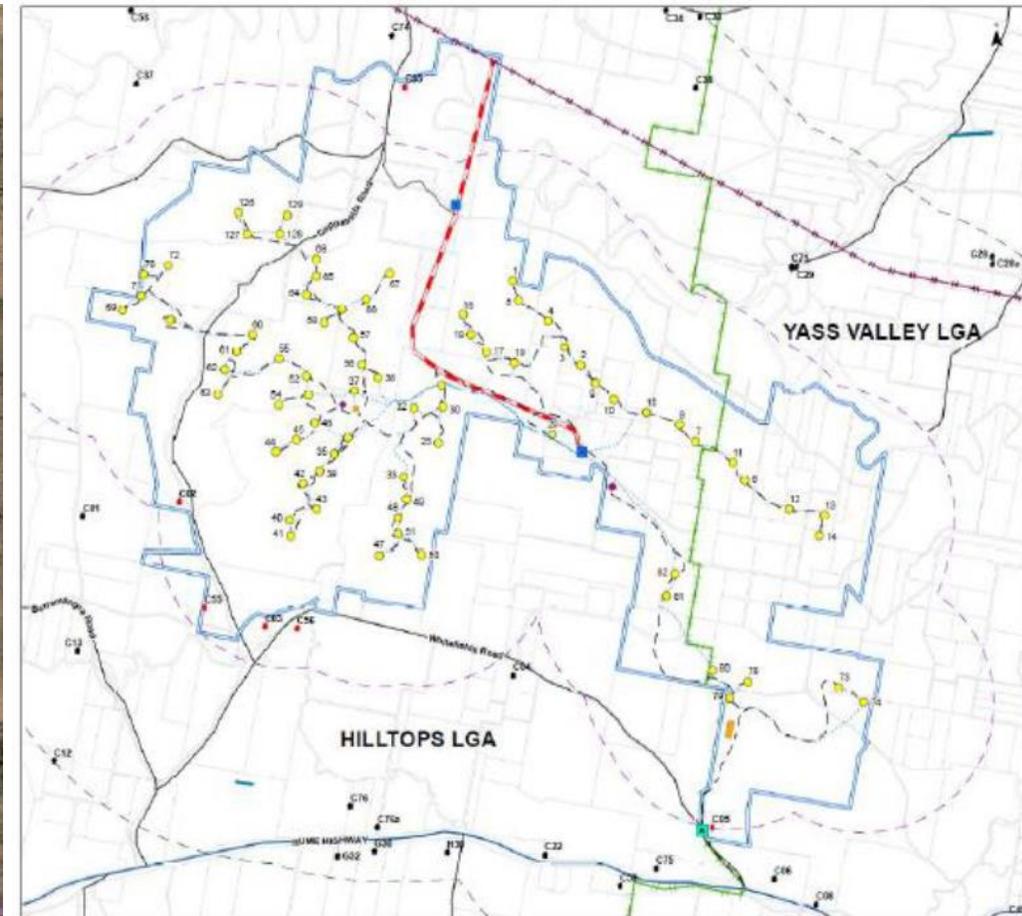
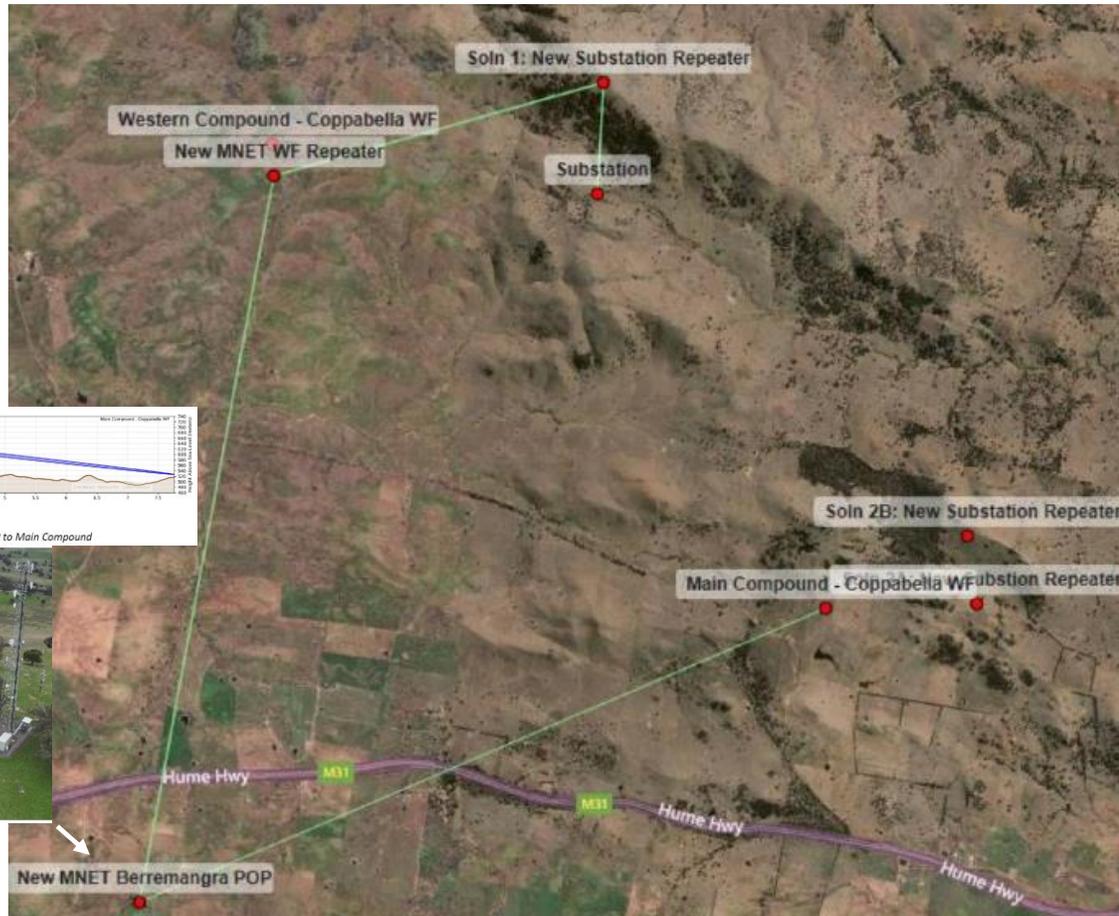


Figure 6: Link Profile: Coppabella Wind Farm – New Berremangra POP to Main Compound



Project Timeline - 4Q24 / 1Q25

Key Dates



Q4 2024

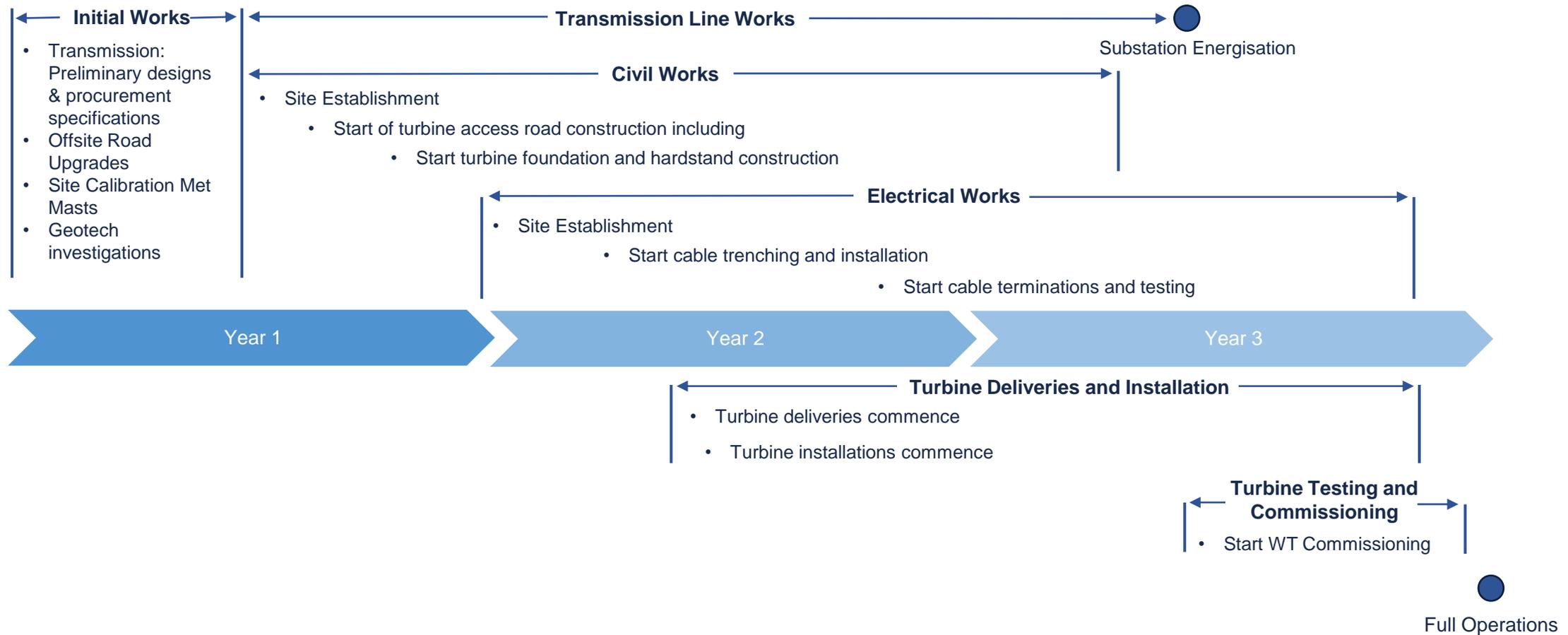
- GW Approvals / Investment funding (active)
- Planning
 - Compliance / plans (4Q24)
- Civils Design (Stage 1) – complete (3Q24)
- BOP re-tenders – completing (4Q24)
- Grid Works 132kV
 - Transgrid – Full Offer To Connect (completing / expected 4Q24)

Q1/2 2025

- 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

Project Activities

Indicative timeline, may change



Energy Yield & Layout

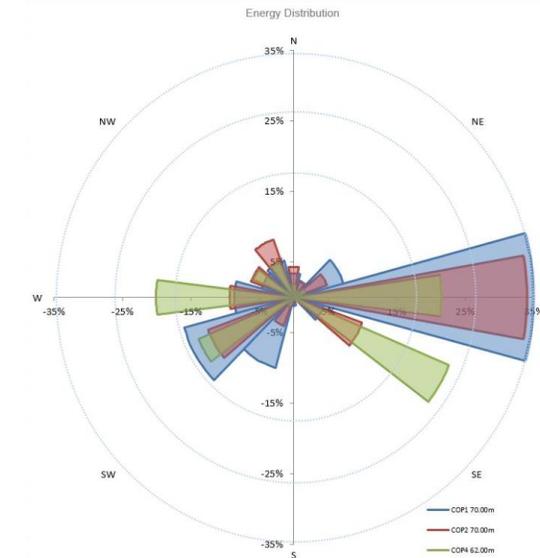
Energy Assessment - Key Stats

- 7.5m/s (27 km/h):
 - Ave. wind speed at hub height across the site
 - 5.9-8.8 m/s across wind turbine locations
 - Strong wind resource for NSW

GW4.2 Wind Turbine

The GW136/4.2MW is being proposed for the site:

- Permanent magnet direct drive design
- No high-speed gearbox
- High efficiency
- IEC Class IIA wind turbine
- 100m hub height, 171m tip height
- LiDAR Assisted Control (LAC)



Planning Update

Ongoing Update and Finalisation of Project Documentation

Biodiversity Offsetting Requirements

- Vegetation remapping completed and agreed (Sch.3, C.19a) with BCS. Awaiting biodiversity offset credit requirements to be provided by NSW Biodiversity Offset Team. (Q424).

Variation to Condition of Approvals

- Requirement to update EEC clearing limits to align with the completed vegetation remapping. Submitted December '23 and currently being assessed by DPE & DCCEE (finalise Q424 pending resolution above)

Biodiversity Management Plan (BMP)

- Updated BMP lodged December 2023. BCS comments received and addressed. Finalise Q424

Other Management Plans

- Review previously approved management plans and update (where required). Updated Environmental Management System approved.
- Bird Bat Management Plan
- Whitefields Roadside Vegetation Management and Landscaping Plan
- Progressing Offset arrangements

Environment Protection Licence (EPL)

- Application drafted. To be lodged prior to NTP.

Other

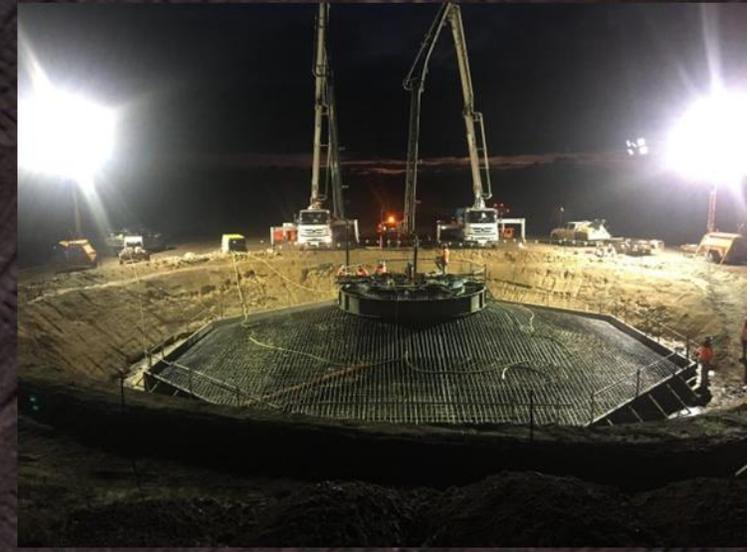
- Whitefields Road – has been impact to Whitefields Road plantings in Dec 2023 due to Council road upgrades. Project investigative report prepared to document impact for DPHI & future council works.
- Council sprayed blackberry along Whitefields Rd – follow up spraying in Autumn
- Test bore approvals and extension to Water Access Licence obtained.

Construction & Operations phases – managing the asset

Construction – managing the asset

Activities during construction phase

- Compliance
- Liaison with councils and community



A short vertical line on the left side of the slide.

Q & A

Outstanding Items from CCC #20

None

Qu: How many turbines have been micro-sited?

Ans: A total of 7 turbines have been micro-sited within the micro-site conditions

| WTG number | Micrositing |
|------------|-------------|
| 4 | 8.2m |
| 41 | 7m |
| 43 | 10m |
| 49 | 45.6m |
| 128 | 73.7m |
| 65 | 88.2m |
| 73 | 61m |

Qu: Vegetation remapping. Can you explain more and is the information available to public?

Ans: The updated mapping is included in the BMP. Once this has been approved it will be made available.

Qu: Several Management Plans have been updated can these be made available to members on the website please.

Ans: The Environment Management System has been updated and approved. This will be made available on the website. Traffic Management Plan has been updated and is pending approval.

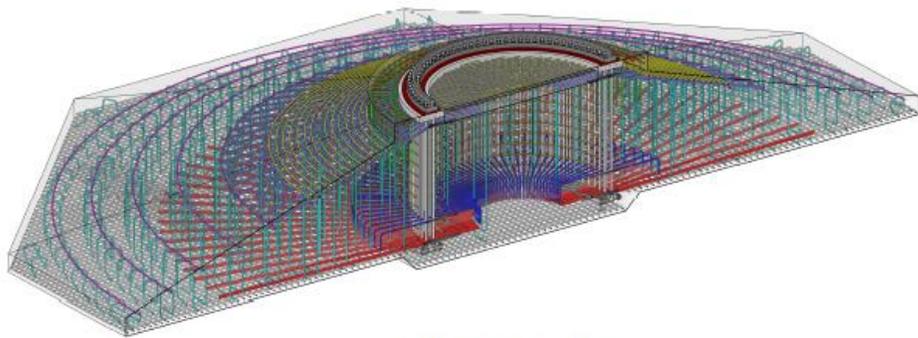
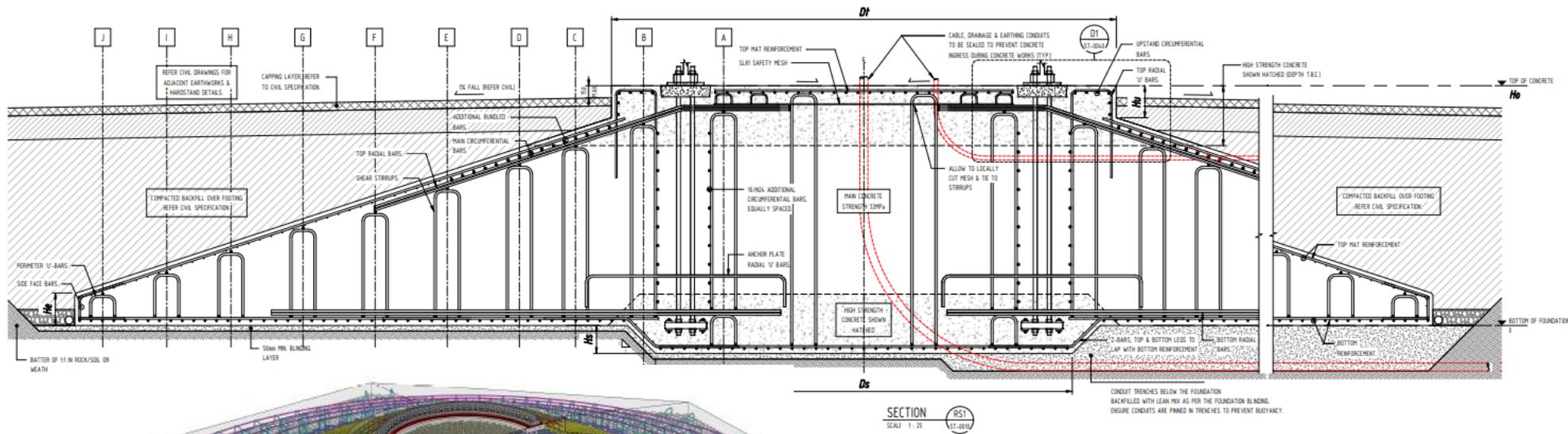
Qu: Do you expect to get all water from bores within site

Ans: Project has 1 production bore with permitted take-off of up to 100ML. Actual water use will be determined by construction contractor.

Outstanding Items from CCC #20

Qu: Are these concrete footings further anchored to the strata below the concrete?

Ans: Concrete footings are pad footings, no anchors required below blinding.



3D SECTION VIEW - REINFORCEMENT
N.T.S.

NOTE: TOP MAT REINFORCEMENT OMITTED FOR CLARITY.
REFER PLANS & DETAILS FOR REINFORCEMENT DETAILING REQUIREMENT.

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 Electrotechnical 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

GOLDWIND AUSTRALIA PTY LTD