

## Construction update

- Turbine component deliveries commenced during January and will continue until mid-late 2023
- Fifteen of the 38 turbine foundations have now been constructed
- Cranes are being commissioned on site in preparation for the commencement of turbine construction during March
- Earthworks for access tracks and turbine hardstands continue across the site
- The main transformer was delivered to the on-site substation in early February
- The underground and overhead sections of the 132kV powerline are being constructed
- Earthworks are continuing at the switching station off Cadia Road



**CRANES IN PREPARATION FOR THE  
CONSTRUCTION OF TURBINE 6**















### FLYERS CREEK AT A GLANCE

- Number of Turbines: 38
- Capacity: 145 Megawatts
- Turbine blade tip height: 160m
- Developer: Iberdrola Australia
- Construction contractor: Green Light Contractors

SWITCHING STATION AND SATELLITE CONSTRUCTION SITE OFFICE

SWITCHING STATION

# FLYERS CREEK WIND FARM PROJECT LAYOUT COLLECTOR GROUPS

-  APA GAS LINE
-  WTG 1
-  ACCESS TRACK
-  EXISTING MET MAST
-  TEMPORARY MET MAST
-  FUTURE PERMANENT MET MAST
-  PROPOSED OPTUS TOWER
-  132 KV TRANSMISSION LINE OH
-  33 KV CABLING LINE UG
-  33 KV CABLING LINE OH
-  11 KV LINE - EXISTING
-  EXISTING FENCE
-  PROPOSED EXTERNAL ROAD UPGRADE
-  GAP ROAD UPGRADE

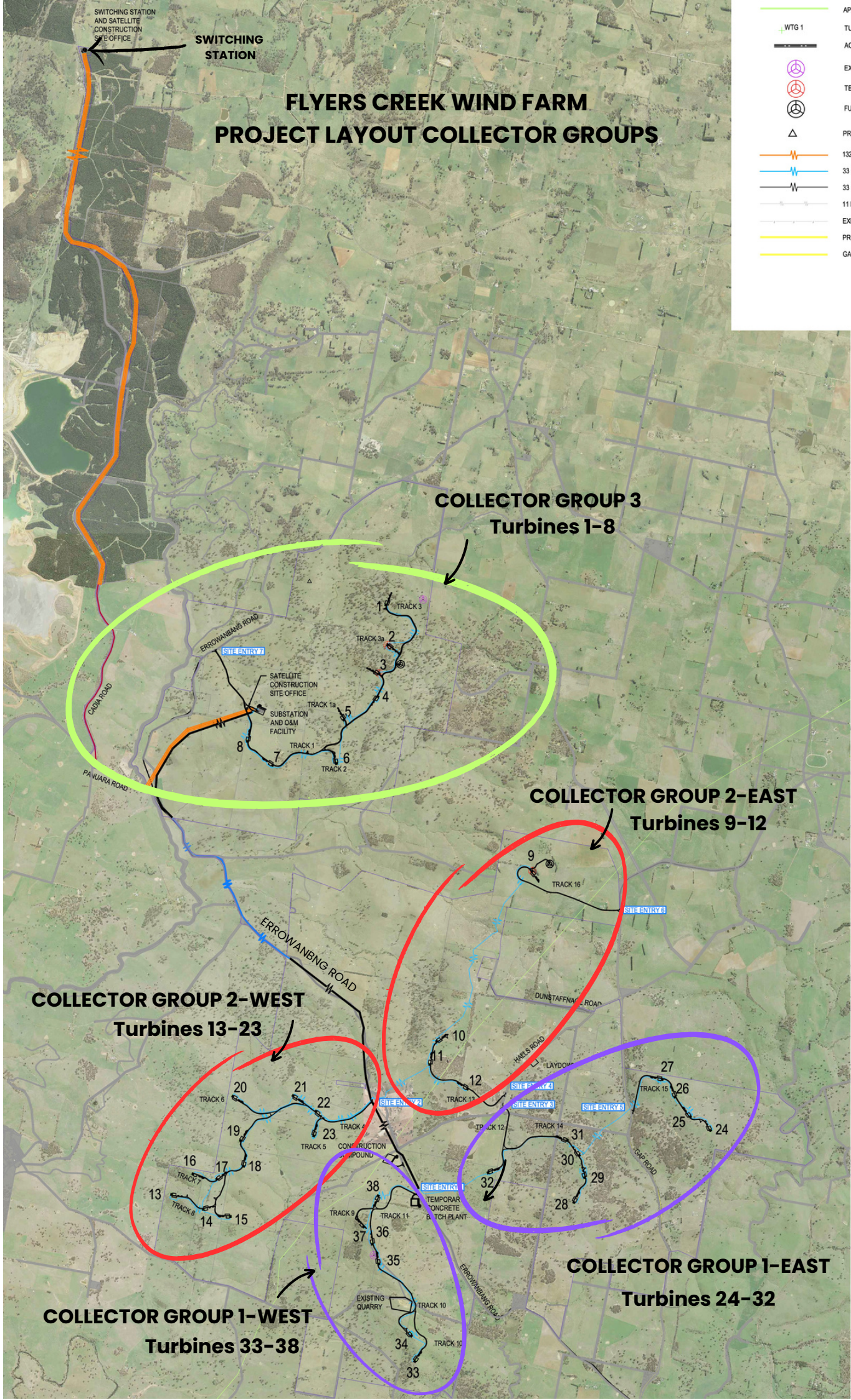
**COLLECTOR GROUP 3  
Turbines 1-8**

**COLLECTOR GROUP 2-EAST  
Turbines 9-12**

**COLLECTOR GROUP 2-WEST  
Turbines 13-23**

**COLLECTOR GROUP 1-EAST  
Turbines 24-32**

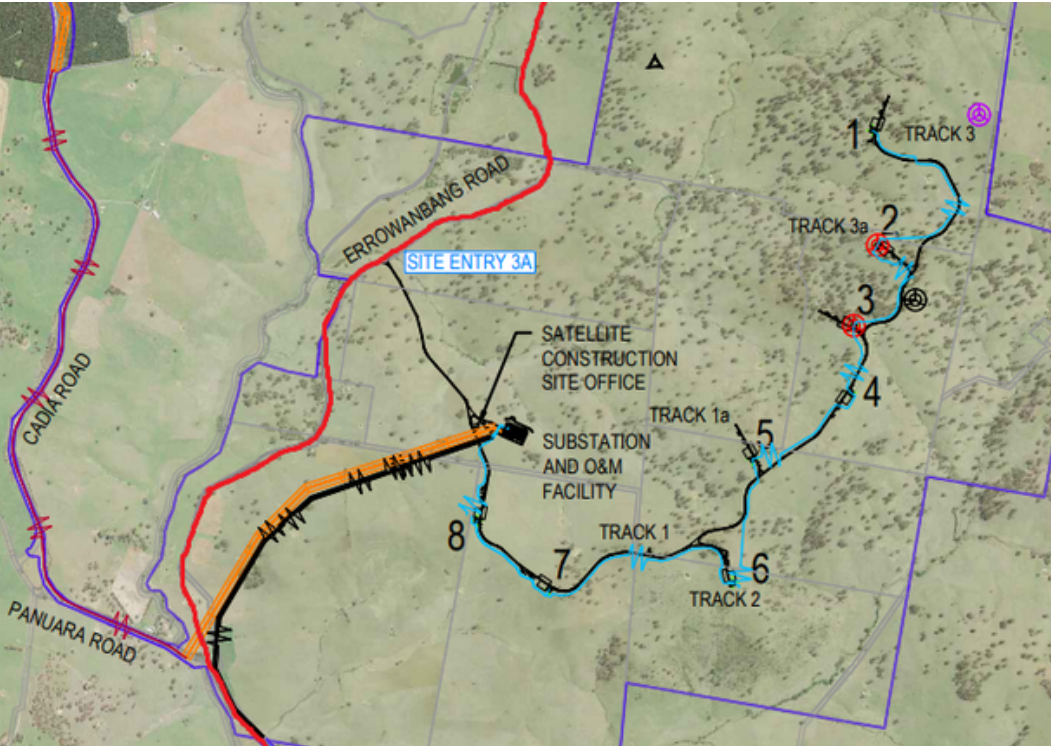
**COLLECTOR GROUP 1-WEST  
Turbines 33-38**



# Flyers Creek Wind Farm

Construction Newsletter No. 10

February 2023



## COLLECTOR GROUP 3

- Contains Turbines 1 to 8, the project substation and operation & maintenance buildings.
- Accessed via Errowanbang Road (SITE ENTRY 3A).
- Civil works are expected to be completed during March.
- Cable trenching and other works should be completed by late April.
- Foundations have been constructed for all turbines.
- As of the end of February components for 6 turbines have been delivered to site.

## SUBSTATION

- Construction of the substation in Collector Group 3 is well progressed.
- The substation will contain a transformer which will convert the 33kV electricity generated from the wind turbines to 132kV so that it can be exported to the National Grid.
- The transformer was delivered to the site and installed in early February (see photo on right).
- The substation is expected to be completed by late April.

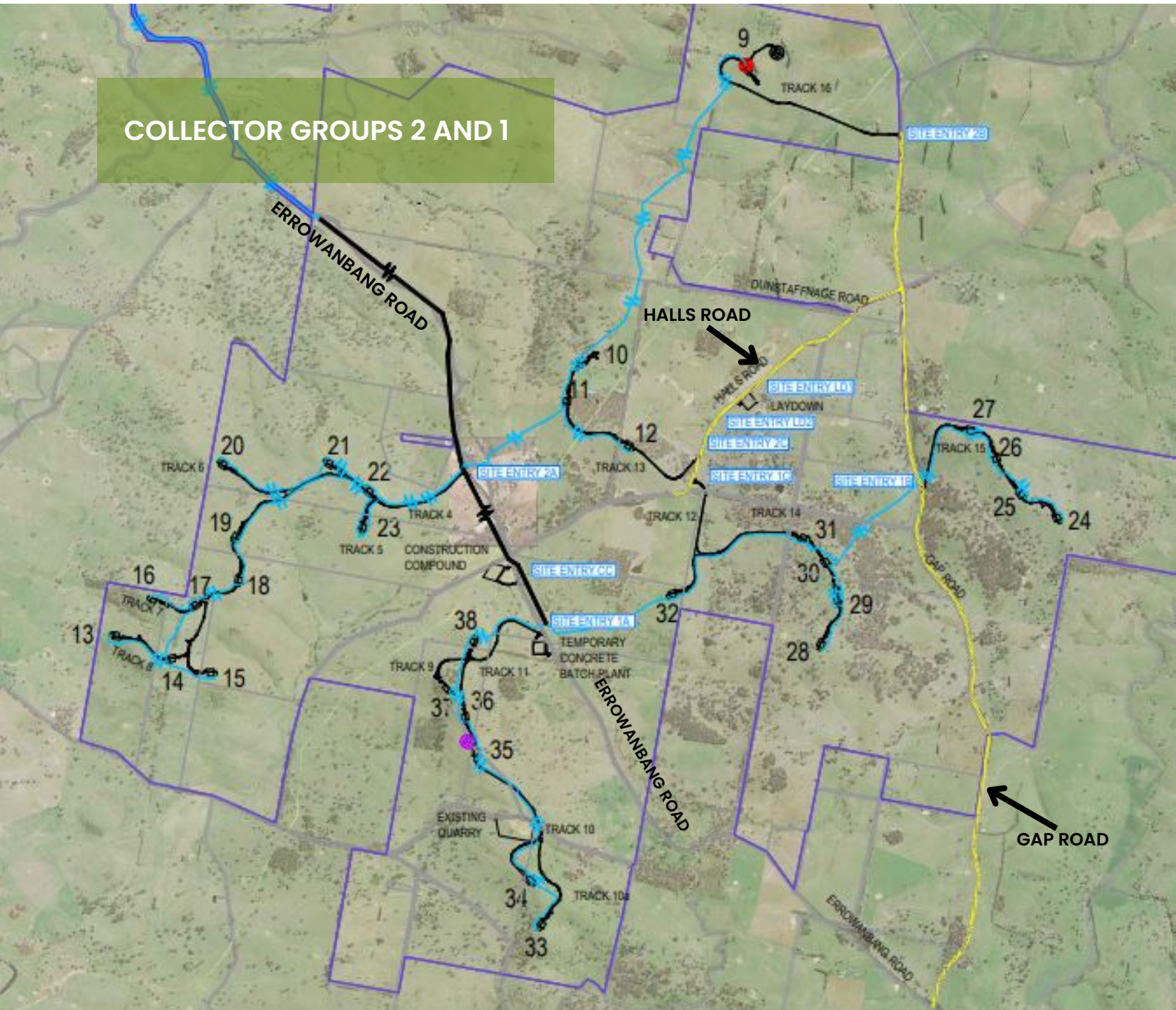
## PROGRAM COLLECTOR GROUP 3

- The remaining turbine components for Collector Group 3 should be delivered during March.
- Cranes are being assembled on site to begin the installation of turbines during March.
- Commissioning is expected to be completed by the end of July 2023.
- Collector Group 3 will be the first section of the Flyers Creek project to be commissioned.



# Flyers Creek Wind Farm

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## COLLECTOR GROUPS 2 AND 1

- Collector Group 2-West contains Turbines 13 to 23 and is accessed via Errowanbang Road.
- Collector Group 1-West contains Turbines 33 to 38 and is accessed via Errowanbang Road.
- Collector Group 2- East contains Turbines 9 to 12 and is accessed via Gap and Halls Roads.
- Collector Group 1-East contains Turbines 24 to 32 and is accessed via Gap and Halls Roads.
- Foundations have been constructed for Turbines 18 to 23 and Turbine 35.
- Turbine deliveries to Collector Groups 2-West and 1-West are due to commence from March/April 2023.

## PROGRAM GAP AND HALLS ROADS

- The first turbine foundation concrete pour using Gap and Halls Road will take place during March (Turbine 32).
- Some road widening works and tree trimming/clearing are required.
- There will be increased traffic on Halls and Gap Road from March to late 2023.
- Turbine deliveries via Gap and Halls Roads are due to commence from mid-2023.



### **Roads**

GLC continues to make repairs to local roads as a priority, in collaboration with Blayney Shire Council.

In the coming months there will be more traffic on Gap and Halls Roads as earthworks increase and concrete pours for turbine foundations are carried out.

The delivery of turbine components will continue until mid-late 2023.

When approaching an over sized delivery of turbine components:

- Please reduce your speed
- Prepare to stop if necessary
- Please be patient and do not overtake, you will be given an opportunity to pass when it is safe
- Follow instructions given by the traffic escort

**We apologise for extended journey times which local road users may experience**

For further information about Flyers Creek Wind Farm, or to be added to our mailing list please email: [flyerscreek@iberdrola.com.au](mailto:flyerscreek@iberdrola.com.au)

You can also provide feedback about the project to Iberdrola by phone or post at all times:

- Phone (24-hour line): 1800 917 372
- Post: Iberdrola Australia, Level 17, 56 Pitt Street, Sydney, NSW, 2000

<https://www.iberdrola.com.au/our-assets/development-assets/flyers-creek-wind-farm/>

### High voltage powerline

A 132kV powerline will connect the project substation to a switching station at the northern end of the site.

The underground section of the 132kV powerline is currently being constructed adjacent to Cadia and Panuara Roads. While under construction there are traffic delays on Cadia Road and we apologise for the disruption.

The overhead section of the high voltage powerline is located in the cleared forestry area adjacent to Cadia Road. The overhead powerline is also under construction with many power poles now erected.

### Switching station

Construction of the project switching station has commenced at the northern end of the project site off Cadia Road. Bulk earthworks are underway and the facility will be completed in the coming months.

The switching station will connect the Flyers Creek Wind Farm project to the existing Cadia to Orange 132kV network.



Flyers Creek Wind Farm switching station earthworks

### Out of hours work

Standard construction hours are generally restricted to 7am to 6pm Monday to Friday and 8am to 1pm Saturday. Some construction activities at Flyers Creek are being carried out on Saturday afternoons and Sundays.

The work does not involve any highly intrusive noise generating activities, with no heavy vehicle truck movements on public roads on Sundays.

### Blasting

Due to geotechnical conditions on site, controlled blasts are required at some turbine foundations, with the first commencing in mid-December 2022. One controlled blast per turbine foundation is expected.

The controlled blasts are contained with exclusion zones implemented and neighbours are notified ahead of the blasting work.



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