Construction Newsletter No. 13 May 2023



Construction update

The installation of three further turbines at Flyers Creek was completed during May with a total of six turbines now installed in Collector Group 3.

- The remaining two turbines in Collector Group 3 will be installed during June 2023.
- Electrical cable trenching in Collector Group 3 is mainly complete.
- Electrical installation and testing works are underway at the substation in Collector Group 3, with workshop and warehouse sheds under construction.
- Commissioning of Collector Group 3 is expected around the end of July 2023.
- Turbine foundation concrete pours have now been completed for 22 of the 38 Flyers
 Creek wind turbines.
- Turbine components have been delivered to 14 of the 38 Flyers Creek wind turbines.
- GE will mobilise a second main crane to site during July 2023 in order to speed up turbine installations across the site.
- Civil works are well progressed in Collector Groups 2-West and 1-West on the western side of Errowanbang Road.
- Civil works are progressing in Collector Groups 2-East and 1-East on the eastern side of Errowanbang Raod.
- Road repair and reshaping works have commenced on Gap Road ahead of turbine deliveries later in the year.

TURBINE INSTALLATIONS COLLECTOR GROUP 3 TURBINE 3 IN FOREGROUND 30 May 2023



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

ND SATELLITE

FLYERS CREEK WIND FARM PROJECT LAYOUT COLLECTOR GROUPS

TRACK 3

ONSTRU

	AFA GAS LINE
'G 1	TURBINE NUMBER
	ACCESS TRACK
Ð	EXISTING MET MAST
Ð	TEMPORARY MET MAST
Ð	FUTURE PERMANENT MET MAST
7	PROPOSED OPTUS TOWER
۸	132 kV TRANSMISSION LINE OH
۸ <u> </u>	33 kV CABLING LINE UG
۸	33 kV CABLING LINE OH
	11 kV LINE - EXISTING
·	EXISTING FENCE
	PROPOSED EXTERNAL ROAD UPG
	GAP ROAD UPGRADE

WT

COLLECTOR GROUP 3 Turbines 1-8

Turbines 9-12

COLLECTOR GROUP 2-EAST

27

29

28

25

24

COLLECTOR GROUP 2-WEST Turbines 13-23

20

19

15

TRACK 6

16

13

21

6 23

38

EXISTING

33

36 • 35

COLLECTOR GROUP 1-WEST Turbines 33-38 COLLECTOR GROUP 1-EAST Turbines 24-32

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Collector Group 3 turbines constructed to date at the Flyers Creek Wind Farm

Turbine 3 - assembly completed 30 May 2023

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COLLECTOR GROUP 2-WEST

- Ten out of eleven turbine foundations have now been constructed in Collector Group 2-West
- Turbine components have been delivered to six out of the eleven turbines in Collector Group 2-West
- Base tower sections have been installed for four out of the 11 turbines in Collector Group 2-West: Turbines 20, 21, 22 and 23



TIMELINE TO COMPLETION - COLLECTOR GROUP 2-WEST

- Turbine component deliveries into to Collector Group 2-West are temporarily on hold and will recommence in mid/late June 2023
- The eleven turbines in Collector Group 2-West are expected to be installed by July/August 2023

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TIMELINE TO COMPLETION - TURBINE INSTALLATION

COLLECTOR GROUP 3	Expected completion date is June 2023
COLLECTOR GROUP 2-WEST	Expected completion date is July/August 2023
COLLECTOR GROUP 1-WEST	Expected completion date is August/September 2023
COLLECTOR GROUP 1-EAST	Expected completion date is late 2023
COLLECTOR GROUP 2-EAST	Expected completion date is late 2023

Roads and traffic

The delivery of turbine components via Errowanbang Road is ongoing. 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

There will be increasing traffic on Gap and Halls Roads as construction work progresses. Turbine deliveries via Gap and Halls Roads are due to commence later in 2023.

Repairs to Errowanbang Road are continuing as a priority.

Within Collector Group 2-West, GLC and contractors are crushing rock on site to limit the import of rock from offsite quarries. This reduces the number of construction trucks using Errowanbang Road for the project.

Errowanbang Road night closures

A number of night closures of Errowanbang Road are required for the installation of electical cabling for the Flyers Creek Wind Farm. The first night closures were carried out during May and there will be several more during June 2023.

The closures will take place between 8pm and 4am with traffic detours will in place. Closures will appear on livetraffic.com and traffic notices will be circulated to our mailing list.

For further information about Flyers Creek Wind Farm, or to be added to our mailing list please email: <u>flyerscreek@iberdrola.com.au</u>

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/

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High voltage powerline

Stringing of power cables between poles for the 132kV overhead line is well progressed.

Construction of the underground section of the 132kV powerline adjacent to Cadia and Panuara Roads is nearing completion. All cabling has been installed and trenches backfilled. The jointing works cable commenced during May 2023 at one of the two cable joint boxes. The jointing works will be complete by mid June.

Now that works are nearing completion, traffic control will be in place less frequently.

Medium voltage powerline

Construction of the 33kV powerline within the wind farm project area is progressing well. The overhead section of the 33kV line adjacent to Errowanbang Road commenced during April and will continue over the coming months. This work will also cause traffic delays on Errowanbang Road which we aim to keep to a minimum.

Switching station

Construction of the switching station is progressing at the northern end of the project site off Cadia Road.

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

Blasting

Due to geotechnical conditions on site, controlled blasts are required at some turbine foundations, with the first commencing in mid-December 2022. For those locations where blasting is required, 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.

Out of hours work

Standard construction hours are generally restricted to 7am to 6pm Monday to Friday and 8am to 1pm Saturday. Since November 2022 some construction activities at Flyers Creek have been 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.

The out of hours work may also include turbine installations as this work requires optimal weather conditions, specifically low winds. The turbine installation work may continue between 6pm and 12am weekdays and on Saturday afternoons and Sundays in favourable weather conditions.

The turbine installation work will only occur outside standard construction hours if weather conditions are favourable.

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MEET THE TEAM

JOSH FITZGERALD SITE MANAGER OPERATIONS & MAINTENANCE



Josh works for Iberdrola Australia at the Flyers Creek Wind Farm

Josh was born and raised in Orange and his NRL team is the West Tigers

When did you commence your role at Flyers Creek? I began on site in late February 2023.

Where were you working previously?

At Cadia Mine as an Electrical Maintenance Supervisor.

What will be your responsibilities at Flyers Creek once operational?

My role covers landowner and community engagement, site operations tasks including management of maintenance activities and commercial activities.

What is your professional qualification or trade?

I am a qualified electrician and instrumentation technician.

What do you like about working at Flyers Creek?

There are a lot of things to like. I love working outdoors and being able to enjoy the beautiful views in and around the wind farm site. I enjoy meeting new people and interacting with site neighbours, wind farm landowners and the construction team.

What is the most challenging part of your job?

The future transition from construction to wind farm operations and ensuring we are prepared for the transition.

How do you spend your down time?

Playing golf and spending quality time with my wife and son.

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