

Construction update

- Eleven turbines have now been installed at Flyers Creek
- This includes all eight turbines in Collector Group 3 and three turbines in Collector Group 2-West
- Turbine installations will continue in Collector Group 2-West during August 2023
- Earthworks are continuing in Collector Groups 1-West, 2-East and 1-East

- The project switching station was energised in early July 2023
- The high voltage transmission line was energised on 26 July, followed by the wind farm substation
- The construction of the remaining medium voltage powerlines are progressing
- Rehabilitation of completed work areas is continuing
- Full operation of the wind farm is expected in early 2024

INSTALLATION OF TURBINE 20
COLLECTOR GROUP 2-WEST
25 July 2023

TIMELINE TO COMPLETION – TURBINE INSTALLATION

COLLECTOR GROUP 3	<i>Turbine installations completed in June 2023</i>
COLLECTOR GROUP 2-WEST	<i>Expected completion date is now September 2023</i>
COLLECTOR GROUP 1-WEST	<i>Expected completion date is now October 2023</i>
COLLECTOR GROUP 2-EAST	<i>Expected completion date is late 2023</i>
COLLECTOR GROUP 1-EAST	<i>Expected completion date is late 2023</i>

FLYERS CREEK WIND FARM PROJECT LAYOUT COLLECTOR GROUPS

	APA GAS LINE
	TURBINE NUMBER
	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 UPGRAD
	GAP ROAD UPGRADE

FLYERS CREEK AT A GLANCE

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

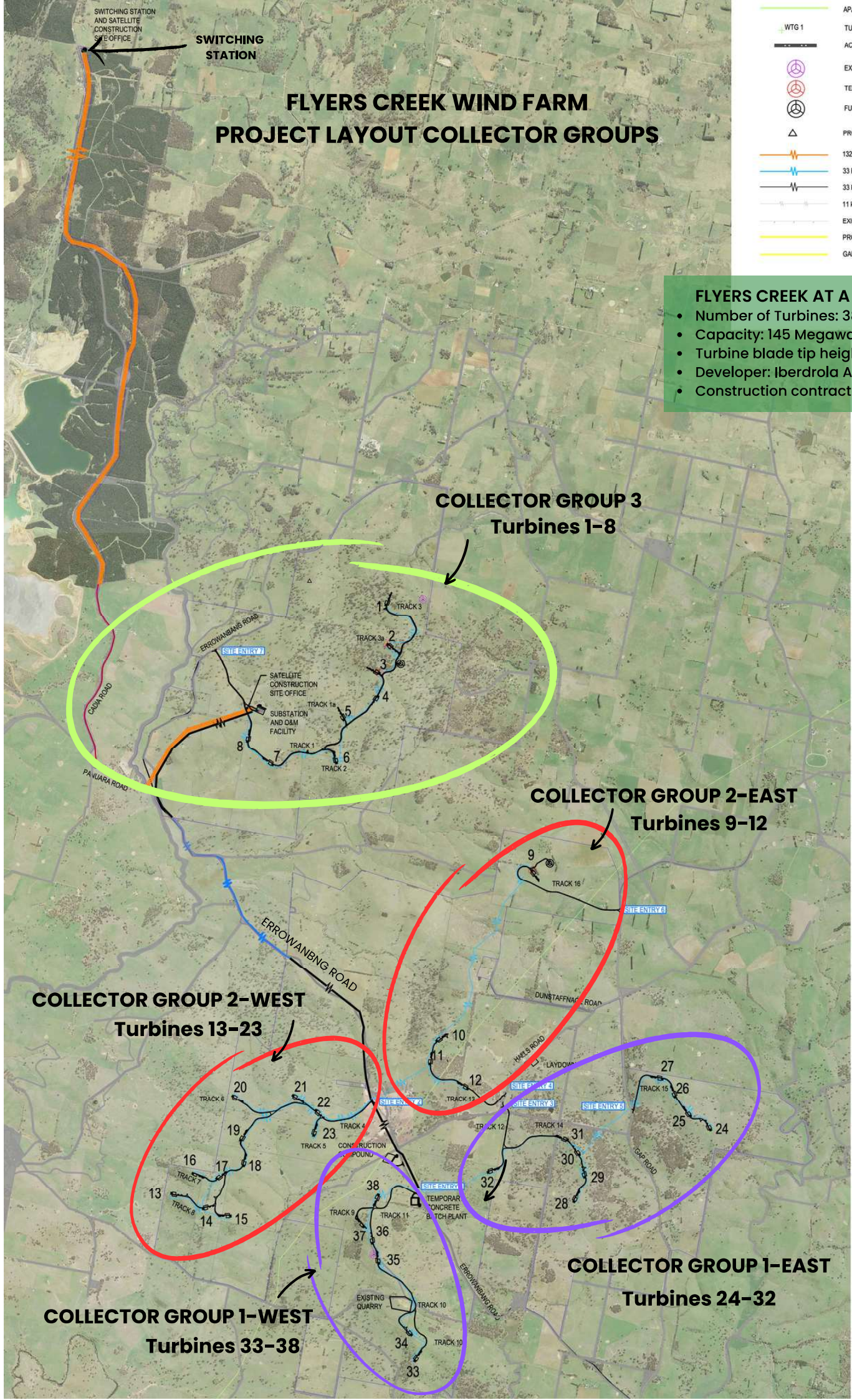
**COLLECTOR GROUP 3
Turbines 1-8**

**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

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Components in lay down area at Turbine 15
Collector Group 2-West
26 July 2023



Assembly of main crane at Turbine 19
Collector Group 2-West
26 July 2023

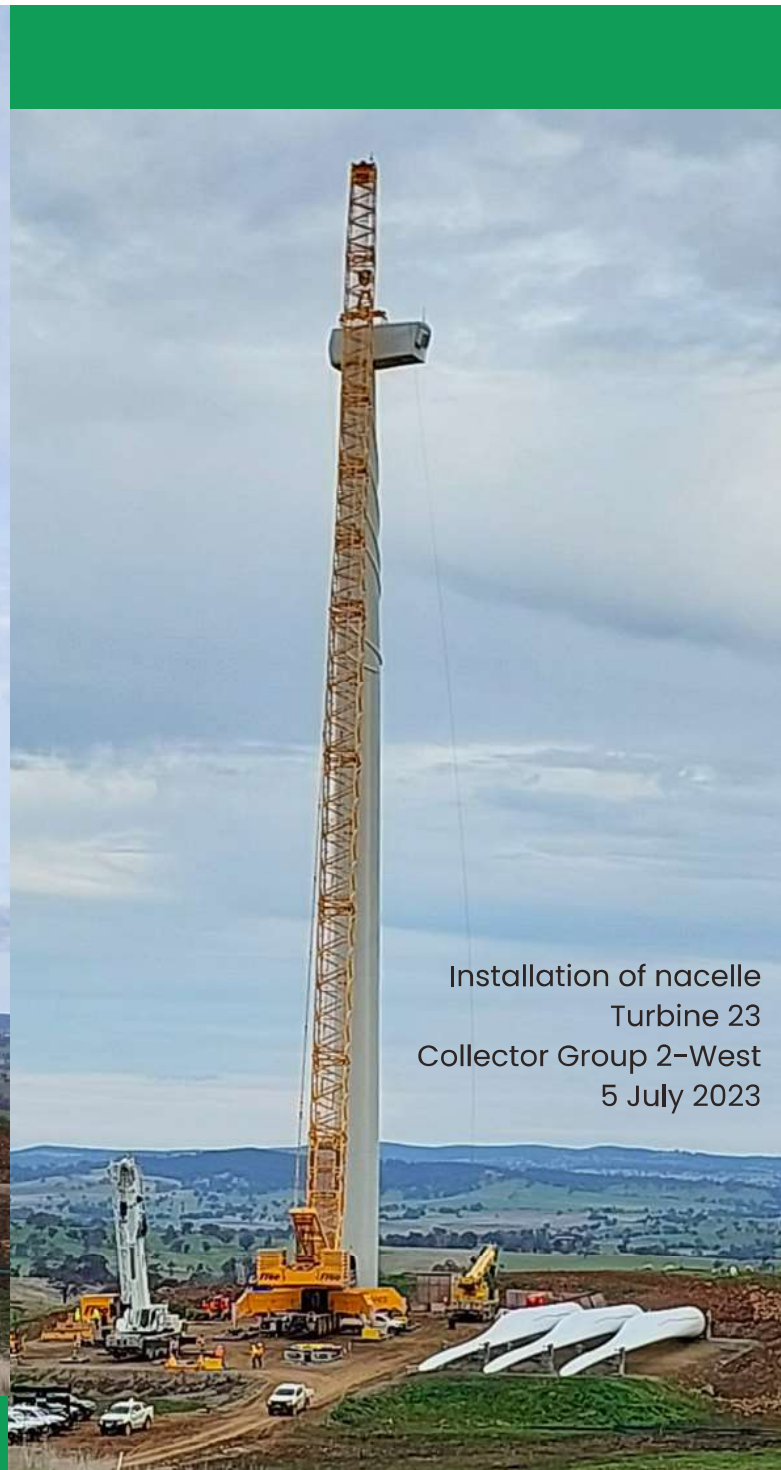
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COLLECTOR GROUP 2-WEST

- Turbine 23 was the first turbine to be fully installed in Collector Group 2-West on 5 July, with Turbines 21 and 20 installed later in July
- Turbine components have been delivered for ten of the eleven turbines in Collector Group 2-West
- Civil works are mostly complete with some rehabilitation work outstanding
- All turbines in Collector Group 2-West are expected to be installed by September 2023



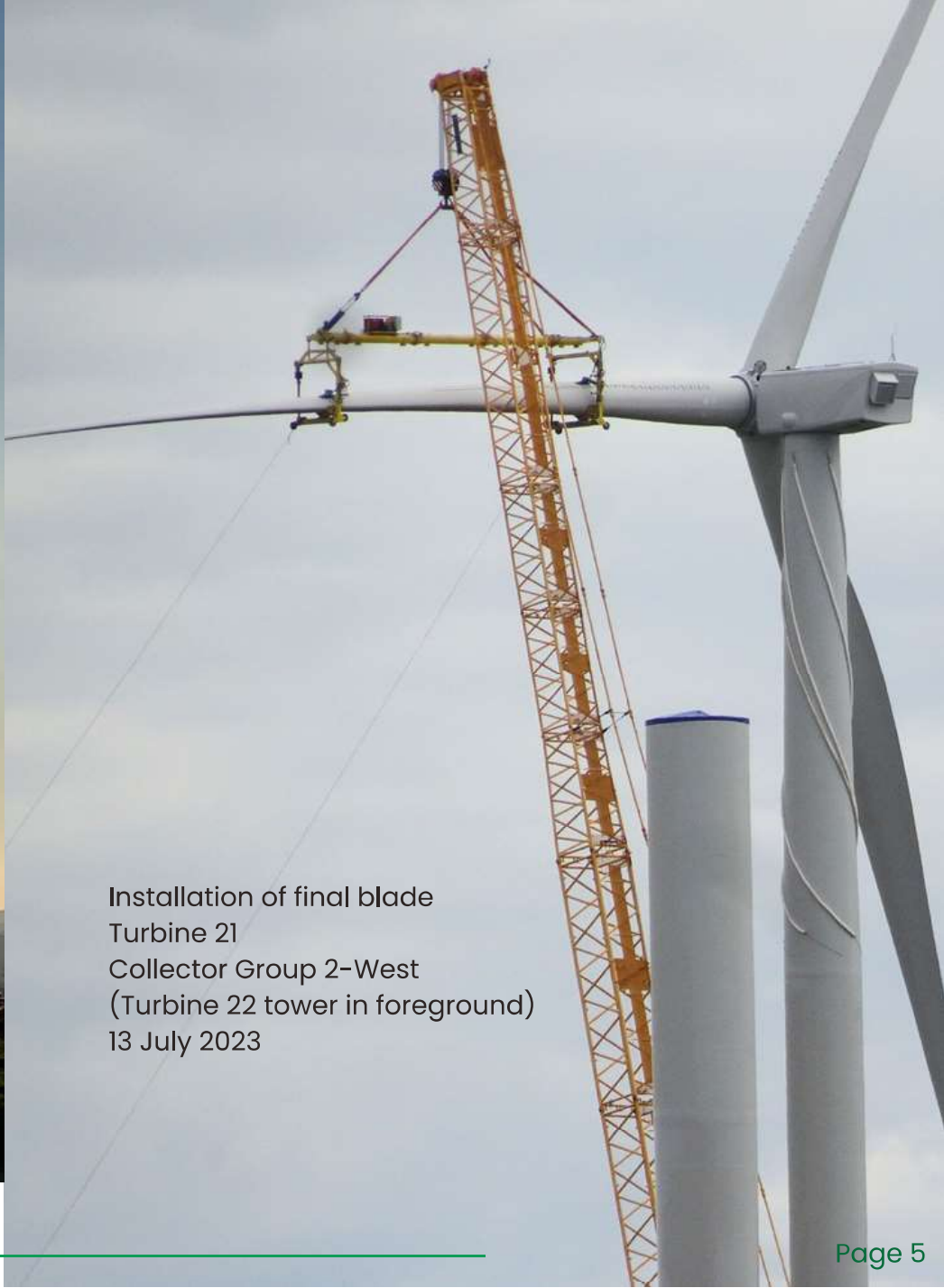
COLLECTOR GROUP 2-WEST INSTALLATION OF TURBINE 21



Assembly of main crane
Turbine 21
Collector Group 2-West
13 July 2023



Installation of Turbine 21 tower
section
Collector Group 2-West
13 July 2023



Installation of final blade
Turbine 21
Collector Group 2-West
(Turbine 22 tower in foreground)
13 July 2023

COLLECTOR GROUP 2-WEST - DELIVERY OF TURBINE COMPONENTS



Unloading at Turbine 15
Collector Group 2-West
17 July 2023



Tower section makes its way to Turbine 14
Collector Group 2-West
24 July 2023

CONNECTION OF FLYERS CREEK TO THE ELECTRICITY NETWORK

Switching station

Construction of the project switching station at the northern end of the project site, off Cadia Road, is almost complete. The switching station was energised in early July 2023 ready for connection of the wind farm to the existing Cadia to Orange 132kV network.

High voltage powerline

The new 132kV powerline between the wind farm substation and the switching station was energised on 26 July 2023 and is being prepared to be commissioned. Rehabilitation of the overhead line corridor has begun in consultation with NSW Forestry. Rehabilitation of the underground corridor of the high voltage powerline is being planned.

Substation

The wind farm substation in Collector Group 3 was energised in late July. The eight turbines in Collector Group 3 are expected to commence electricity generation during August 2023.

Medium voltage network

Construction of the remainder of the 33kV powerlines on site and adjacent to Errowanbang Road is progressing. This work will cause traffic delays on Errowanbang Road which we aim to keep to a minimum. The Collector Group 3 medium voltage network will be energised during August 2023.



Essential Energy carrying out works to cut in to the existing Cadia to Orange 132kV powerline
3 July 2023

Existing Cadia to Orange
132kV powerline

New wind farm switching station

Energised power lines

- All wind farm powerlines and associated infrastructure should be considered live
- Markers are in place along public road easements to denote underground powerlines

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Blade delivery to Turbine 13 in Collector Group 2-West
27 July 2023

Roads and traffic – Errowanbang, Gap and Halls Roads

The delivery of turbine components via Errowanbang Road recommenced during July. When approaching an oversized delivery of turbine components:

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

There will be increasing traffic on Gap and Halls Roads as construction work progresses including concrete trucks for turbine foundation pours. Road repair and reshaping works have commenced on Gap Road ahead of turbine deliveries later in the year.

Repairs to Errowanbang Road are continuing as a priority. Construction of the overhead section of the medium voltage powerline is well progressed along Errowanbang Road. Traffic control will remain in place as the concrete pours for power pole foundations are completed.

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

Errowanbang and Gap Road closures

A number of additional closures of Errowanbang and Gap Road will be required in the coming months. The road closures will be planned for minimal disruption.

Traffic notices will be circulated to our mailing list ahead of the closures, which will appear on livetraffic.com.

For further information about Flyers Creek Wind Farm, or to be added to our mailing list please email: 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 22 Governor Phillip Tower, 1 Farrier Place, Sydney, NSW, 2000

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

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Turbine installations in Collector Group 2-West
17 July 2023

Turbine 23

Turbine 21

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

DUNCAN WALLBANK CIVIL EARTHWORKS MANAGER



Duncan works for Green Light Contractors, lead construction contractor for Flyers Creek Wind Farm

What does your role involve from day to day?

I'm one of two Civil Earthworks Managers, though a large part of my role is landowner liaison, site rehabilitation, the environmental steering committee and structural concrete works. Communicating with a broad range of stakeholders and keeping many moving parts pulling in the same direction is a key part of my role.

Is Flyers Creek very different to your previous project?

As strange as this might sound, it's warmer and drier here. My last job was project manager of a 60 turbine Wind farm in the Tararua Ranges of New Zealand. Here at Flyers Creek I'm much more involved in the fine detail than the broader brush management, which is a pleasant change.

What drew you to working in renewables?

I emigrated from the UK to NZ in 2006 and landed a job in geothermal energy production for nearly 10 years. There is now considerably more work in wind, so since 2016 I've been building wind farms on both sides of the Tasman.

What do you like about working at Flyers Creek?

The people, plain and simple. Life is about people and how we interreact and here at Flyers Creek I'm very fortunate to be working with some really good people.

What is the most challenging part of your job?

Time management. There is always a lot to do, so juggling is an essential skill – but at the same time it's important to give those around us the time they deserve.

What's your favourite way to spend your down time?

In my younger years I was into rock climbing, racing motorbikes and snowboarding. These days I'm more likely to be found fishing or exploring the countryside. I just bought a sad old Land Rover Defender that I'm slowly rebuilding. Hopefully by spring it'll be ready for new adventures.

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