

**John laing**  
making infrastructure happen

infigen

CONSTRUCTION FACT SHEET

**CHERRY TREE**

**WIND FARM**

June 2019

# DEVELOPMENT

## Overview

Cherry Tree wind farm is located approximately 15km south-east of the historic railway township of Seymour, Victoria, in the area originally inhabited by the Taungurung people.

The Cherry Tree wind farm project was developed by Infigen Energy (Infigen), and was purchased prior to financial close in December 2018 by the John Laing Group (John Laing).

Infigen is working to deliver the project for the owner, John Laing. Infigen will manage the construction for John Laing and once the wind farm is complete Infigen will purchase 100% of the electricity generated from the wind farm.

## Community Engagement

In 2011, Infigen approached the community around Seymour in Central Victoria in relation to developing a wind farm on the Cherry Tree range.

Infigen hosted two Public Information Days in Whiteheads Creek and Trawool Valley on 4-5 December 2011. These allowed for broader consultation and engagement with Infigen personnel.

Following initial discussions with key stakeholders and the progression of the project layout, more detailed studies were commissioned to inform of the project impacts on areas such as cultural heritage, visual amenity, noise, aviation, flora and fauna.

With the support of the host landowners and many businesses and individuals, the Planning Permit for the Cherry Tree wind farm was approved by Mitchell Shire Council under the direction of the Victorian Civil and Administrative Tribunal in November 2013.

## Key Statistics

CHERRY TREE WIND FARM	
Capacity	57.6 MW
Annual output	~182 GWh
VIC households powered annually	~37,000
Project developer	Infigen Energy
Project owner	John Laing Group
Operation and maintenance	30-year agreement with Vestas

## Conditions of Consent

When reviewing project applications, the planning authorities address community concerns in relation to these issues in their assessment. Planning Permits are granted together with conditions of approval that must be followed by the wind farm operator for the life of the project.

Like other forms of infrastructure, key issues of interest influencing development and operation are: native vegetation and biodiversity, landscape and visual amenity, noise, health, property values, blade glint, and shadow flicker.

The Cherry Tree wind farm Planning Permit requires Infigen to demonstrate its environmental performance both prior and during construction and operation of the wind farm by meeting the requirements of conditions relating to areas such as environment management, noise restrictions, and mitigation of visual impacts.



# CONSTRUCTION

## Overview

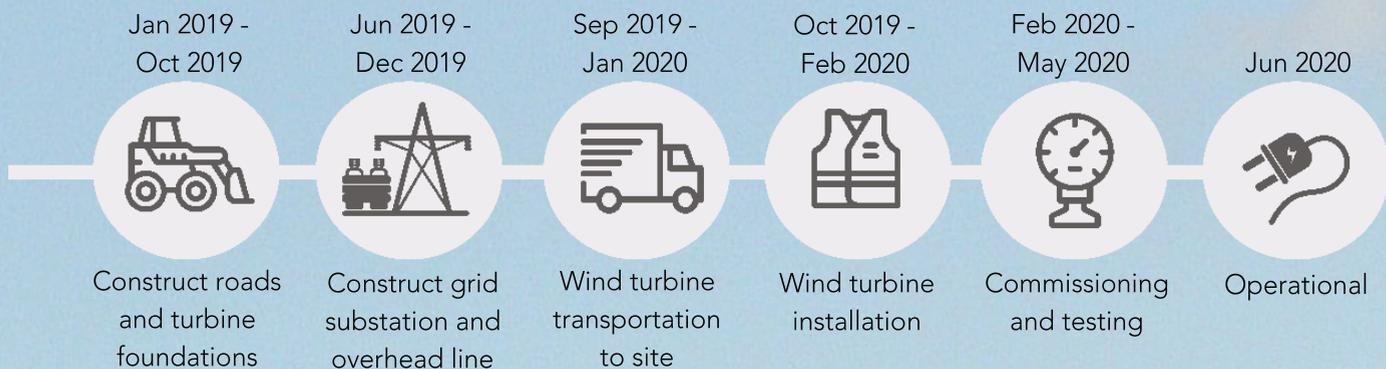
The 57.6MW Cherry Tree Wind Farm will be constructed under an engineering, procurement and construction (EPC) contract by global leading sustainable energy solutions provider Vestas Australia Wind Technology Pty Ltd (Vestas). Vestas have appointed leading infrastructure contractor Zenviron Pty Ltd (Zenviron) to undertake the balance of plant infrastructure works for the site. Infigen will act as construction manager on behalf of John Laing.

The project construction length is approximately 17 months with full commercial operation expected to be in the first half of 2020.

Cherry Tree wind farm will comprise 16 wind turbines, a substation, access tracks and an electrical collection system of underground and overhead cables on the land of four host landowners. The wind farm will have an installed capacity of 57.6MW, and once operational will generate enough electricity to power ~37,000 Victorian homes each year.

## Key Statistics

WIND TURBINES	
Number of wind turbines	16
Model	V136 3.6 MW
Tower Height	91m
Tower material	Steel
Rotor diameter	136m
Start-up wind speed	3 metres/second
Rated wind speed	13 metres/second
Cut-off wind speed	27.5 metres/second
Rotor speed	5 to 12 rpm
Blade length	66.7m

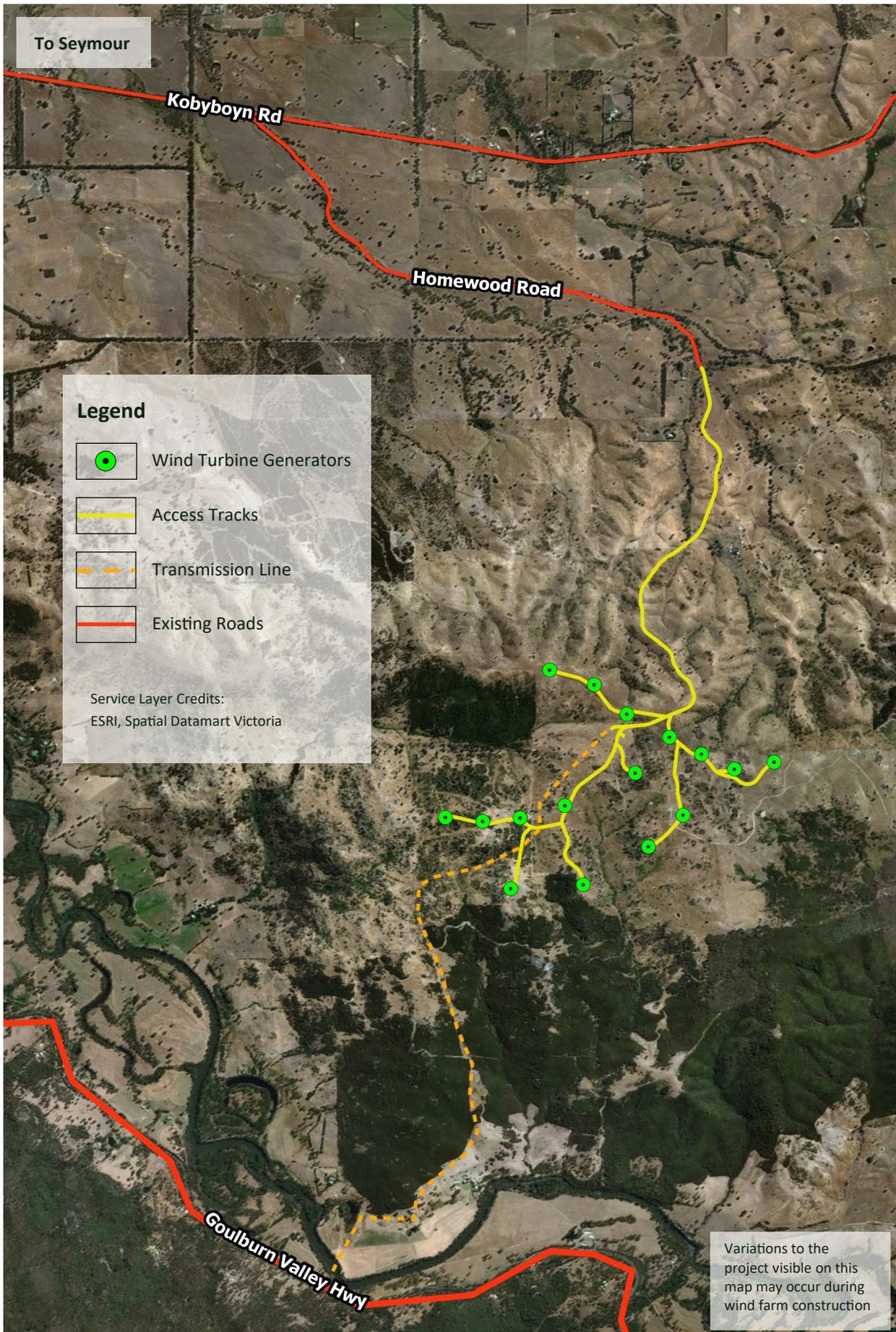


*Infigen is leading the clean energy transition in Australia. Infigen sources and generates renewable energy, increases the value of intermittent renewables by firming, and provides customers with clean, reliable and competitively priced energy solutions.*

*Infigen generates renewable energy from its owned wind farms in New South Wales (NSW), South Australia (SA) and Western Australia (WA). Infigen also sources renewable energy from third party renewable projects under its 'Capital Lite' strategy. Infigen increases the value of intermittent renewables by firming them from the Smithfield Open Cycle Gas Turbine in Western Sydney, NSW, and its 25MW/52MWh Battery in Lake Bonney, SA, where commercial operations are expected in Q1 FY20.*

*For further information, please visit: [www.infigenenergy.com](http://www.infigenenergy.com)*

# PROJECT LAYOUT



# CARBON FOOTPRINT & ECONOMIC BOOST

## Environmental Benefits

Generation from Cherry Tree wind farm will avoid approximately six million tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e) emissions in the electricity sector in Australia over the lifetime of the project, which is the equivalent to taking 60,000 cars off the road each year.

## Economic Benefits

The project will create a substantial number of jobs and stimulate significant economic activity in the local region. Approximately 80 direct jobs will be required during construction and five full time jobs during the wind farm operating life.

## Key Statistics

### ENVIRONMENTAL AND COMMUNITY BENEFITS

Greenhouse gas abatement	~6 million tCO <sub>2</sub> e
Employment during construction	~80 jobs
Employment during operation	~5 jobs

*John Laing is an international originator, active investor and manager of infrastructure projects. The Group focuses on major transport, social and environmental infrastructure projects awarded under governmental public-private partnership (PPP) programmes, as well as renewable energy projects, across a range of international markets.*

*John Laing is one of the world's most trusted brands in infrastructure with a track record encompassing 130 projects over the last 30 years.*

*John Laing has a premium listing on the London Stock Exchange and it is a constituent of the FTSE 250 index.*

*For further information, please visit:  
[www.laing.com](http://www.laing.com)*

## Local Contractor Opportunities

Suppliers and companies interested in potential opportunities should contact.

E-mail: [cherrytree@infigenenergy.com](mailto:cherrytree@infigenenergy.com)

Inquiries to undertake works on behalf of Vestas can be directed to:

[www.vestas.com/en/about/vendor\\_information#!](http://www.vestas.com/en/about/vendor_information#!)

## Cherry Tree Wind Farm Asset Management

Infigen has been engaged by John Laing to manage the successful delivery of the project under a Construction Management Agreement. Infigen will also provide asset management services during the operational phase of the wind farm for a term of eight years from the commencement of commercial operations under a Management Services Agreement.

These arrangements will allow for Infigen to manage the transition from the development to the construction and operational phases of the Cherry Tree project, and utilise its existing relationships within the local community to effectively consult and communicate with key stakeholders.

## Safety First

As with all our projects, Infigen and John Laing at Cherry Tree wind farm are committed that we and our contractors work actively to maintain an injury-free and healthy working environment and promote an open and proactive safety culture.

This can only be achieved with active participation by the main contractors and subcontractors involved. All contractors involved in the project have participated in a collaborative and proactive approach to planning, managing and monitoring performance of all works at site.

# PROJECT ENGAGEMENT

## Community Sponsorship

Infigen and John Laing are committed to local community engagement with a focus on investing in programmes and initiatives that benefit the local community, or local community groups to help build sustainable communities.

Cherry Tree wind farm is also committed to establishing a long-term Community Benefit Fund (CBF). This commitment will ensure that \$25,000 is made available to the local community each year for the first 25 years of the operation of the wind farm.

To be successful for funding, applicants need to demonstrate how their community project meets the following criteria:

- Deliver social, cultural, economic or environmental benefits to local communities of the Seymour and surroundings districts
- Address an identified community priority
- Ensure that any ongoing or recurrent costs of the project can be met by the community group once grant funding has been expensed
- Capacity to manage funds and deliver the project

Details of the process to apply for the CBF will be made available in early 2020 and applications will open once the wind farm construction is complete and the wind farm has moved into its operations phase.

## Questions and Feedback

Questions and feedback about the project can be provided to Infigen through phone, email or post at all times.

- Phone (24-hour line): 1800 917 372
- Email: [cherrytree@infigenenergy.com](mailto:cherrytree@infigenenergy.com)
- Post: Infigen Energy, Level 17, 56 Pitt Street, Sydney, NSW, 2000

Project information and updates can be found on the following website:

[www.infigenenergy.com/cherry-tree](http://www.infigenenergy.com/cherry-tree)

Infigen's complaint management process involves acknowledging receipt of a complaint with the stakeholder as soon as practicable, normally within seven days; and resolution of their complaint within 30 days where possible. Any complaint not resolved within 30 days of being received shall be referred to the relevant member of senior management.

Complaints can also be submitted to the Office of the National Wind Farm Commissioner. For more information, please visit [www.nwfc.gov.au](http://www.nwfc.gov.au) or call 1800 656 395.

