

WHITE ROCK Wind Farm



Turning of the earth by invited guests at the Ground Breaking Ceremony on 14th May 2016.

Welcome to the third edition of the White Rock Wind Farm newsletter. This newsletter provides information and updates about the project. Further newsletters will be produced at regular intervals as the project progresses and milestones are achieved.

White Rock Wind Farm is located in the New England Tablelands approximately 20 km west of Glen Innes and 40 km east of Inverell.

What's happening?

Construction of White Rock Wind Farm began in May 2016.

Stage 1 of construction commenced on 2 May 2016, beginning with the access track from Ilparran Road. Stage 1 will consist of 70 wind turbines along with the related civil and electrical infrastructure, with the total capacity of Stage 1 to be 175 megawatts (MW). The project is expected to be fully operational by late-2017.

Regular updates on construction activities, including what to expect on roads around the site during construction, will be provided by our newsletter, White Rock Wind Farm website, local newspaper announcements and radio broadcasts as the project progresses. People can also visit our shop front at 303C Grey Street, Glen Innes and talk with Sandra, our Local Representative.

White Rock Wind Farm celebrates the start of construction

White Rock Wind Farm celebrated the commencement of Stage 1 of construction with a Ground Breaking Ceremony in early May. This event signalled the start of construction with the arrival of heavy machinery to begin clearing topsoil in preparation for the access tracks.

Deputy Prime Minister the Hon. Barnaby Joyce MP, Member for New England, and the Hon. Adam Marshall MP, Member for Northern Tablelands, joined Mr Liu Bin, General Manager of Chinese Energy Conservation and Environmental Protection Group and Mr Wang Haibo, President of Goldwind Group in turning the earth to signify official commencement (see photo on the front page).

Community Consultative Committee

The aim of the Community Consultative Committee is to provide a forum for open discussion between representatives of White Rock Wind Farm, the community, local councils and other stakeholders, and to keep the community informed of progress.

The committee last met on 5 May 2016. Meeting minutes are available on the project website and at the public libraries in Glen Innes and Inverell.

The next meeting is scheduled for 11 August 2016 at 1pm in the Glen Innes Severn Learning Centre and will provide an update on construction activities and the proposed alternate 132 kV to 330 kV power line being considered.

Any person may attend the meeting as an observer. For further details on the committee please contact us.

Local shop front

On the 23 March 2016, the White Rock Wind Farm shop front was opened with Local Representative Sandra available to assist with enquiries and also to visit community groups to talk about the wind farm.

The shop front has a number of maps and photomontage diagrams that show what the wind farm may look like and give a reasonable impression of the scale and distance to the wind turbines. The shop front has general information on the wind farm, copies of newsletters and also information on the proposed White Rock Solar Farm.

To ensure that community members and special interest groups have the opportunity to learn more about the wind farm in a way that suits their special needs, Sandra is available to present to groups across the region. Most recently, Sandra presented to a highly engaged Glen Innes Rotary group and also lively primary school students at a local school.

You are welcome to drop into the White Rock Wind Farm shop front with any questions or to chat with Sandra about organising a presentation to your group. The shop front is located at **303C Grey Street, Glen Innes**, and is open Monday – Thursday 10am to 3:30pm.



White Rock Wind Farm local shop front in Glen Innes, with Local Representative Sandra.

INDICATIVE TIMELINE

Jul
2012

Planning Approval granted

Oct
2014

Goldwind Australia acquired the project

2015

Early 2015
Study of layout and design options

Jun 2015
Agreement with Transgrid for grid connection

Dec 2015
Approval of the Construction Environment Management Plan

Dec 2015
Appointment of Balance of Plant contractor

2016

Apr 2016
Modification 3 approved by the DPE

May 2016
Start of construction and ground breaking ceremony

Aug 2016
Start of substation and 132 kV power line construction

Oct 2016
First Goldwind 2.5 MW wind turbine delivery

2017

Early 2017
First power generation and export

Late 2017
Completion of construction

White Rock Solar Farm update

White Rock Solar Farm is a 20 MW solar photovoltaic (PV) development that is being proposed adjacent to White Rock Wind Farm. The development would form a pioneering hybrid solar-wind renewable energy facility in the New England Tablelands.

Development Consent for White Rock Solar Farm was granted on 14 June 2016. The Solar Farm will generate approximately 46,000 MW of electricity in the first year of operation, enough to supply the equivalent of approx. 7,200 average NSW homes. Subject to award of a grant from the Australian Renewable Energy Agency (ARENA), project financing and contractual arrangements, the construction of the solar farm could commence during first quarter of 2017 and the solar farm would be operational by end of 2017.

Alternative powerline connection proposal

White Rock Wind Farm is considering an alternative 132 kV overhead powerline route to connect the project to the 330 kV transmission network. The proposal will be part of Stage 2 of the project and will require a modification application to be submitted and approved by the NSW Department of Planning and Environment (DPE). The proposed powerline connection would enable full development of White Rock Wind Farm (119 wind turbines).

The proposed powerline route would run approximately 13 km west from the wind farm site to connect to TransGrid's 330 kV transmission line which runs between Armidale and Dumaresq. The alternative powerline would be the same size and configuration as the original approved powerline, but would be approximately 5 km longer.

The permanent physical impact on the ground of the powerline is limited to the foundations for each pole along the powerline route, with concrete poles spaced approximately 200 to 250 m apart. The poles would have a maximum height of 35m. The detailed design for the powerline will be available once finalised.

CONSTRUCTION WORKS UNDERWAY

Commencement of construction has involved the following initial activities in the Matheson locality:

- construction of the site entrance on Ilparran Road
- initial access track preparation from Ilparran Road to the substation site
- clearance of vegetation, stripping of topsoil and initial cut-and-fill works, and
- preparation for the upgrade of the Gwydir Highway at the main entrance.

Construction work on site will generally take place during standard construction hours:

- Monday to Friday 7am – 6pm.
- Saturday 8am – 1pm.
- At no time on Sundays or NSW public holidays.

Construction is expected to continue until late 2017.

Construction of the White Rock Wind Farm begins.



FACTS



70 turbines in Stage 1



\$30-\$40 million
into local economy during construction



1.9 million tonnes
of greenhouse gas emissions saved by 2020*



548 gigawatt hours
of electricity produced annually



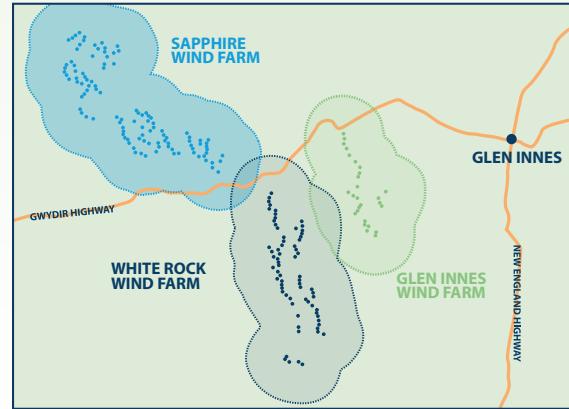
75,000 homes annually
serviced by electricity produced*

Up to 200 jobs during construction
+
10-15 jobs during operations

* Figures calculated using the NSW Wind Farm Greenhouse Gas Saving Tool on the Office of Environment and Heritage website

Neighbouring wind farms

The abundance of natural resources in the New England Tablelands means that White Rock Wind Farm has two neighbouring wind farms in the local area.



Wind farms proposed for the local area.

Sapphire Wind Farm

Sapphire Wind Farm, developed by CWP Renewables, is located 18 km west of Glen Innes, and 28 km east of Inverell. It currently consists of up to 109 wind turbines, following approval of a project modification earlier this year.

Project approval for Sapphire Wind Farm was granted in 2013, with construction anticipated to commence in late 2016 following a successful ACT Auction bid.

Further details are available at the project website: sapphirewindfarm.com.au



Glen Innes Wind Farm

Glen Innes Wind Farm, developed by OneWind, is located 12 km west of Glen Innes. It currently consists of up to 25 wind turbines.

The project has received all necessary government and local planning and development approvals. Construction is expected to start in late 2016.

Further details are available at the project website: onewindaustralia.com



Local Sponsorship



White Rock Wind Farm has sponsored a number of local events in the last few months as part of our strong commitment to creating a positive role in the local community. We were the inaugural sponsor for the Australian Celtic Dance

Championships at the Australian Celtic Festival in April 2016. Tom Froud, Senior Project Manager, and Local Representatives Sandra Royal and David Dettwiler attended the Celtic Festival and thought it was a fantastic event with amazing dancers and musicians. The event was very well organised by the committee



and we look forward to attending next year's event.

We also recently provided financial assistance to local members of the Regional Australian Athletics Team. Eleven athletes from the Glen Innes, Guyra and

Armidale area travelled to Fiji in July to compete in the Oceania Track and Field Championships. We would like to congratulate all athletes for a fantastic performance at the Championships.

LEFT PHOTO: Performances at the Australian Celtic Dance Championships. RIGHT: Goldwind representative David Dettwiler, local track star Mikielee Snow and her Coach Jay Stone.

How can I find out more?

You can contact the project team at any time using the contact details below. We welcome comments and suggestions and are happy to talk through details of the project at any stage. If you would like to meet in person, please drop into the local shop front.

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