Liverpool Range Wind Farm



Project Update No 8 | October 2012

Stage 1 Development fast-tracked

The NSW government has recently changed the planning legislation regarding *transitional Part 3A* projects, including the Liverpool Range Wind Farm. As a result, Epuron must now lodge the Environmental Assessment for the project by 30 November 2012, substantially earlier than the previous deadline of 31 October 2013. Although these changes were unforeseen and carried out without consultation, we intend to do everything possible to meet this new timeline.

As a result, Epuron is targeting a reduced part of the site ("Stage 1") which it is able to develop and submit in the timeframe available. Epuron is committed to developing further stages of the wind farm, and will update the community in due course regarding development of those stages.

While this is unfortunate for those involved landowners who cannot be included in Stage 1, the earlier approval of this initial stage should pave the way for development of further stages.

Community Open House

To outline the changes and the proposed development, Epuron will host an Open House information day for the local community:

WHERE:Cassilis Bowling Club
Mudgee Rd, CassilisWHEN:Thursday, 1st November 2012TIMES:2pm – 7pm

Please feel free to drop in anytime over the course of the day for a cup of tea and an informative chat with our project team. All are welcome.

Community Consultation Committee

Epuron is also in the process of establishing the Community Consultation Committee (CCC) for the project. Nomination forms were distributed with our last newsletter and are available on our website. We propose to hold the first CCC meeting in the coming month. If you are interested in joining the CCC, please return your nomination form to us as soon as possible.

Your feedback is important to us

In preparing an Environmental Assessment Epuron relies on the views of and feedback from all project stakeholders including the local community. Should you have any feedback or concerns please contact the development team and we will be pleased to assist with your enquiry.



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Specialist Studies and Field Surveys are Underway

Epuron has commenced an intensive survey programme across the Stage 1 area of the wind farm site and the powerline corridor. Specialist studies will include:

- Biodiversity assessment including spring field surveys of flora and fauna.
- Archaeological and Heritage assessment including field surveys and consultation with local indigenous communities.
- Noise assessment including existing background noise measurements to guide the site layouts and ensure compliance with noise limits.
- Visual amenity impact assessment including the preparation of various photomontages at public locations and dwellings within 2km of a proposed turbine.

Other associated studies such as shadow flicker, aviation, communications, EMI, traffic and transport and economics are also underway.

Details will be progressively available for review and feedback during the community consultation phase.



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Stage 1 Indicative Wind Farm Site Area



Wind Farm Indicative Project Area – Stage 1

Ridges along which wind turbines are proposed

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Stage 1 Wind Farm Project

The first stage of the wind farm will involve the construction and operation of up to 400 turbines, together with associated infrastructure, maintenance buildings, civil works, access tracks, substations and overhead powerlines.

The Indicative Stage 1 Wind Farm Site Area shown on the previous page is currently under assessment for wind turbines. We welcome any comments and feedback you may have in this regard.

The proposed wind farm will connect into Transgrid's existing 330kV Wollar-Wellington transmission line located 30-40 kilometres south of the wind farm site near Ulan.

Development Progress

Over the last few months our development team has been busy progressing with landowner discussions, surveys and finalising access arrangements for the overhead powerline connection to the national grid located to the south of the wind farm site.

To assist with the design, four new wind monitoring masts are being progressively installed on the site. In addition, two new Fulcrum 3D Sodars have also been delivered and installed on site to enhance the wind monitoring program.

Ongoing consultation with involved landowners is continuing, including with landowners potentially involved in the various powerline connection routes under consideration.

Grid Connection

Epuron has investigated a range of grid connection options which have been limited by intervening national parks, long stretches of native vegetation and significant housing belts. Based on its exhaustive analysis, Epuron had determined that the only practical connection is to the existing 330kV Wollar-Wellington powerline near Ulan Coal Mine.

Over the last few months the development team has focussed on a range of options to connect the project at this location, including:

- An eastern corridor passing through the Durridgere State Conservation Area;
- A central corridor; and,
- A western corridor, both to the west of Ulan Rd.

It is proposed that these broad corridors meet and follow the general direction of Ulan road to a connection point near Ulan Coal Mine.

All three options shown on the map overleaf remain under consideration and Epuron is negotiating with a number of landowners to secure a powerline easement along these routes. It is likely that multiple options will be considered in the Environmental Assessment.



Project Team



Brian Hall is managing the development of the proposed wind farm, including site layouts and the Environmental

Assessment of the site. Brian brings a wealth of experience to the Epuron team, having more than 20 years experience in the Australian and international energy industries.



Sarah Squires is responsible for negotiation of the wind farm agreements and landowner consultation. Sarah has over

10 years experience in corporate finance and corporate advisory, law, asset management and capital raising.

Please feel free to contact either Sarah or Brian if you have any queries or feedback regarding the wind farm.

Brian Hall: Sarah Squires: 0439 175 918 0448 225 789

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Powerline Corridor Investigation Area



Indicative powerline options