

Liverpool Range

Wind Farm

EPURON

Project Update | November 2010

WELCOME to the Liverpool Range Wind Farm Project Update

Since our previous update in May, Epuron has been very actively assessing the proposed project. Ongoing wind measurements are starting to guide turbine development regions, and importantly, significant progress has been made in relation to the investigation of various grid connection corridors. Epuron has held a number of meetings with landowners and has been successful in entering into agreements with a number of landowners.

This is all very positive news, and Epuron is now close to finalising the general concept for the initial stages of development. We will shortly be lodging the initial planning application to commence this important stage of the project.

This project update provides a summary of the activities underway and outlines the status of and next steps for the development.

Project area update


The Liverpool Range Project (LVP) area has turbines located in both the Warrumbungle & Upper Hunter Shires, nearby to the townships of Coolah and Cassilis, 50 km North of Dunedoo. The site area comprises a series of ridgelines running NE/SW, at right angles to the prevailing wind direction.


In general, wind turbines would be located along the top of the ridges, and each ridge of turbines would be connected to the next with an overhead powerline. Usually, turbines along each ridge would be connected with underground cables. An increasing number of local landowners has agreed to work with Epuron in exploring the feasibility of the proposal.


Epuron is now finalising the land area likely to be included in the initial phases of the project. In general, this will include the areas where the majority of landowners have entered into an agreement with Epuron. Epuron is continuing to work with additional landowners to maximise the land area which can be included in the initial planning application.

Epuron would like to thank the many local landowners who continue to provide their support and commitment to this exciting project.

Register your interest by:

 Write to us: Liverpool Range Wind Farm
Epuron Pty Ltd
Level 11, 75 Miller Street
North Sydney NSW 2060

 Email us: info@epuron.com.au

 Phone us: 02 8456 7400



Next Steps?

The project will be developed in stages. The initial stage will include the main connecting powerline and the majority of the wind turbines. This powerline will be sized to allow connection of additional wind turbine stages over time.

Epuron is currently finalising the site area for this initial stage, and is holding final landowner meetings over the next few weeks. An agreement with Epuron is important to ensure your property can be included in this stage.

In January 2011, Epuron intends to lodge the Project Application for this initial stage with the Dept of Planning (DOP). Within 30 days of this application the DOP is required to confirm the Director General's Requirements which Epuron must address in preparing its detailed Environmental Assessment.

The Project Application will include a Preliminary Environmental Assessment based on information gathered to date, and a map of the land to be included in the initial stage.

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Wind Resource Analysis

Epuron installed two 71m monitoring masts in February 2009 to measure the wind speed and direction at the site. Assessment of the first of these masts is now complete, and this mast has been removed. The second mast is expected to remain on site for the long term. Additional monitoring is likely to be installed in 2011.

Results to date prove that the wind speeds at the site are excellent and the wind resource meets the threshold required for a successful project.

Epuron is now preparing an initial conceptual wind farm layout for the site. This layout is expected to indicate which areas are suitable for wind turbines, however further computer modelling of wind flows will be required before any meaningful turbine layouts can be provided to landowners.



Epuron's wind monitoring at Liverpool Range

Government Consultation

Part of the site requires the use of Crown land, whether existing roads, paper roads, trig stations, or other reserves. Epuron has commenced consultation with relevant agencies including the Land & Property Management Authority (LPMA) and the Department of Environment, Climate Change and Water to understand their requirements in relation to land use and other issues.

To date, feedback has been positive and all NSW government agencies have provided strong support. Epuron now intends to commence the Development Application process with the consent authority, the NSW Department of Planning (DOP).



Liverpool Range turbine area

Grid Connection

Epuron has confirmed that the newly constructed Wellington – Wollar 330kV transmission line located to the south of the site has sufficient capacity for project of this scale.

Epuron has reviewed a number of potential connection corridors to this powerline, and has now refined the preferred route. Landowner negotiations along this corridor are at an advanced stage, and Epuron is confident of success in securing a suitable easement for the powerline.

The proposed connecting powerline will be a high voltage 330kV powerline, providing sufficient power capacity to connect all turbines proposed within the Coolah – Cassilis region.

Who is Epuron?

Epuron Pty Ltd is a NSW based renewable energy company active in the development of wind and solar projects. Epuron has received development consent for five wind energy projects in NSW at Snowy Plains, Cullerin Range, Conroy's Gap, Silverton near Broken Hill and Gullen Range.

Ongoing Consultation

Epuron will provide a further update in early 2011 once the Application is lodged. A copy of the Preliminary Environmental Assessment will be sent to all involved landowners. In due course, it will also be available on the Dept of Planning website. In the interim, we take this opportunity to wish you all the best and safe travels for the upcoming Christmas season.

Epuron is continuing to engage with landowners & the community in relation to the project – if you have any queries, please give us a call.