

**Details for CCC meeting No 4****Venue:** Yass Valley Council Chambers**Address:** 209 Comur Street, Yass**Date:** Monday 17 December 2012**Time:** 12.30pm to 2.30pm

# EPURON

**Rye Park Wind Farm**

**Community Consultation Committee  
Meeting No 4**

**17 December 2012**



## Presentation Contents for CCC Meeting No 4

1. CCC membership update
2. Project development status
3. CCC meeting No 3 action items
4. Project consultation update
5. Current project information
6. Next steps and timing
7. Communication and feedback channels

## Community Consultation Committee – Membership Update

- **Independent chairperson;**
  - Nic Carmody
- **Involved landowners;**
  - Graham and Margaret Privett
  - Greg Medway
- **Uninvolved landowners;**
  - Jenny and Chris Hally
  - Bev and Alex Davis
- **Other, local Group or association;**
  - Geoffrey Minchin (interested party and employed by Boorowa CMA)
- **Local councils;**
  - Mayor Wendy Tuckerman – Boorowa Council
  - Councillor James Wheelwright – Upper Lachlan Council
  - Councillor David Needham – Yass Council
- **Epuron**
  - Brian Hall – Senior Project Manager

## Rye Park Wind Farm – Current Development Status

- NSW Government changed EA lodgement deadline to 30 November
- EA submitted to Department of Planning & Infrastructure on 23 November for review
- Expect EA to be publicly exhibited by DPI early in the new year (DPI to set dates)
- EA layout of wind farm accommodates 126 turbines and associated infrastructure
- Layout incorporates consultation feedback and results of expert studies
- Photomontages at houses within 2km have been distributed to landowners
- Overhead powerline voltage up to 330 kV on single pole type structure to 45 m high
- New 80 m wind monitoring mast has been installed on site (total of 5 masts)
- Consultation and interaction with the community is ongoing
- Project details available at website [www.epuron.com.au/projects/rye-park](http://www.epuron.com.au/projects/rye-park)

## CCC Meeting No 3 - Summary of Epuron Action Items

- **Update contractor database**
  - Database was updated to include details of local contractor, Keiren Bellew, who attended meeting 3 and stated an interest in wind farm construction work.
- **Circulate minutes and agenda prior to each meeting**
  - Complete and ongoing.
- **Forward letter from A&B Davis to Yass RFS for reply**
  - Received letter regarding concern for fire risk and forwarded to Yass RFS. Following up for reply.
- **J&C Hally photomontage**
  - Epuron offered specialist consultant to contact the Hally's to discuss concerns with their photomontage. Offer not taken up at this stage. Final version of photomontage has been forwarded with recent letter.
- **Contact local Historical Society for water bore locations**
  - Work in progress.
- **Upload current information to website and circulate CCC minutes**
  - Completed.

## Project Consultation – Environmental Assessment Submitted

- EA submitted to DPI 23 November
- EA published in two volumes and runs to around 1,100 pages
- EA document includes;
  - Project details, setting and context
  - Response to DGR's
  - Results of assessments and investigations
  - Reports from specialist consultants (visual, heritage, noise and biodiversity)
- EA currently undergoing adequacy assessment
- Public exhibition expected in the new year by DPI and dates TBA
- Submissions and feedback will be requested during exhibition
- Final assessment and determination expected mid next year



## Project Consultation – Photomontage to Landowners

- All photomontages for dwellings located within 2 km of a proposed turbine have been prepared and forwarded to landowners
- Cover letter sent to landowners which advised and included;
  - Copy of photomontage from dwelling (before and after) printed on colour A3 size
  - Photomontages form part of the wind farm EA submission
  - Outlined process and methodology for preparing photomontages
  - Provided photomontage details including location, bearing and distance to nearest turbine
  - Provided details and illustrative figure of comparative wind turbine assessment to validate photomontage accuracy
- In some instances photomontage demonstrated landowner views toward the wind farm were blocked by hills and trees and the wind turbines may not be visible

## Project Consultation – Photomontage Validation

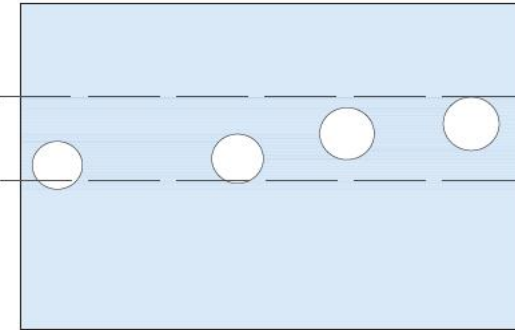


Proposed Rye Park wind farm photomontage.

Public view location PM 4 Maryvale Road - Existing view south south west to north west.

Photo coordinate Easting:684522 Northing:6183167 (MGAz55) Approximate distance to closest visible wind turbine 3,900 m

Composite panorama photograph taken with a Nikon D700 digital SLR with a 50mm lens (equates to a 35mm SLR camera with a 50mm lens).

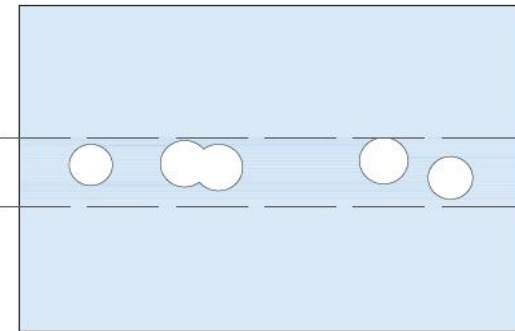


Rye Park wind turbine photomontage- comparative rotor swept area  
Wind turbine 152 m tip height (101 m tower with 56 m rotor length)



Existing view toward the operational Gunning wind farm from Gunning Road.

Existing view north east to east. Photo coordinate Easting:711091 Northing 6157317 (MGAz55). Approximate distance to closest visible wind turbine 4,200 m  
Composite panorama photograph taken with a Nikon D700 digital SLR with a 50mm lens (equates to a 35mm SLR camera with a 50m lens).



Gunning wind turbine photograph- comparative rotor swept area  
Wind turbine 120 m tip height (80 m tower with 40 m rotor length)

**Figure 63**  
Comparison of operational and  
photomontage wind turbines

**Quality assurance procedures: Rye Park proposed wind farm**

**EPURON**  
Rye Park Wind Farm Pty Ltd



## Project Consultation – Photomontage View Distances

Existing Cullerin wind turbines



Photo 1 - View toward operational Cullerin wind farm turbines

View distance to closest wind turbine is approximately 2.9 km. Height of wind turbine is approximately 125 m to tip of blade.

Single frame photo taken with a Pentax K10D digital SLR camera with a 50mm lens. The camera crop factor of 1.6 equates to a 35mm full frame SLR camera with a 75mm lens.

Proposed Rye Park wind turbines (photomontage)



Photo 2 - View toward proposed Rye Park wind turbines at reduced height of 124 m to tip of blade.

View distance to closest wind turbine is approximately 1.8 km. Height of wind turbine is approximately 124 m to tip of blade.

Single frame photo taken with a Nikon D90 digital SLR camera with 50mm lens. The camera crop factor of 1.6 equates to 35mm full frame SLR camera with a 75mm lens.

Existing Capital wind turbines



Photo 3 - View toward operational Capital wind farm turbines

View distance to closest wind turbine is approximately 1.5 km. Height of wind turbine is approximately 124 m to tip of blade.

Single frame photo taken with a Pentax K10D digital SLR camera with a 50mm lens. The camera crop factor of 1.6 equates to 35mm full frame SLR camera with a 75mm lens.

Existing Capital wind turbines

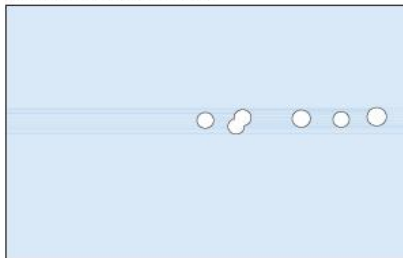


Photo 4 - View toward operational Capital wind turbines.

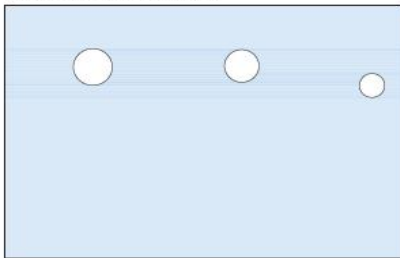
View distance to closest wind turbine is approximately 1.0 km. Height of wind turbine is approximately 124 m to tip of blade.

Single frame photo taken with a Pentax K10D digital SLR camera with 50mm lens. Camera crop factor of 1.6 equates to 35mm full frame SLR camera with a 75mm lens.

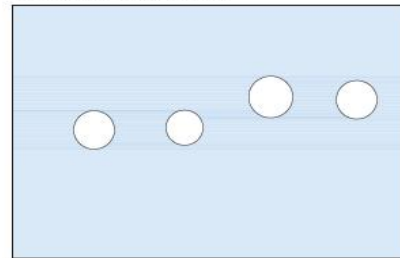
Rotor swept path area at 2.9 km



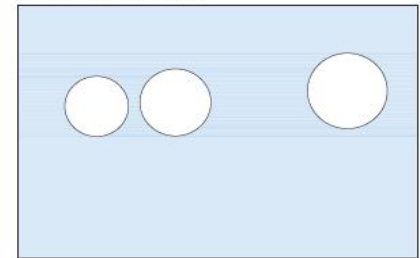
Rotor swept path area at 1.8 km



Rotor swept path area at 1.5 km



Rotor swept path area at 1 km



Relative comparison of distance effect on perceived wind turbine rotor swept path area



Relative comparison of distance effect on perceived wind turbine height

Figure 64  
Comparison of operational and  
photomontage wind turbines

## Project Consultation – Key Activity and Timetable

Activity	Timing	Objectives	Stakeholders	Status
Community information workshop	November 2008	Introduce Epuron and the proposal to landowners and community including preliminary layout	Involved landowners and selected stakeholders	<b>Completed</b>
Newsletter 1	December 2009	Inform community about project and initial information	Involved and uninvolved landowners (mail-out)	<b>Completed</b>
Newsletter 2	June 2010	Provide updated information and planning details including	Involved and uninvolved landowners (mail-out)	<b>Completed</b>
Newsletter 3	December 2011	Outline planning process and updated development progress	Involved and uninvolved landowners (mail-out)	<b>Completed</b>
Consult with neighbours within 2km	January / February 2012 (ongoing)	To discuss project and impacts with neighbours including feedback	Uninvolved neighbours within 2km of turbine	<b>Completed (but ongoing)</b>
Newsletter 4	March 2012	Advise consultation plans and release revised wind farm layout	Involved and uninvolved landowners (mail-out)	<b>Completed</b>
Establish Community Consultation Committee	April / May 2012	Establish formal mechanism for community participation	Invited members	<b>Completed</b>

## Project Consultation – Key Activity and Timetable.....continued

Activity	Timing	Objectives	Stakeholders	Status
CCC Meeting 1	May / June 2012	Provide project information and seek feedback	Invited members	Completed
Newsletter 5	June / July 2012	Update on studies and consultation and layout	Involved and uninvolved landowners (mail-out)	Completed
Community Open Day	June / July 2012		Involved and uninvolved landowners, CCC, consultants and public	Completed
CCC Meeting 2	July / August 2012	Provide updated information and consider feedback including release of draft final layout	Invited members	Completed
Newsletter 6	September / October 2012	Update on studies and consultation feedback contributing to draft final layout	Involved and uninvolved landowners (mail-out)	Completed
CCC Meeting 3	September / October 2012	Review of draft final layout incorporation feedback	Invited members	Completed
 Newsletter 7 (optional can be wrapped into open day)	October / November 2012 (December)	Advise community of final layout incorporating feedback and study results	Involved and uninvolved landowners, CCC and consultants	Pending

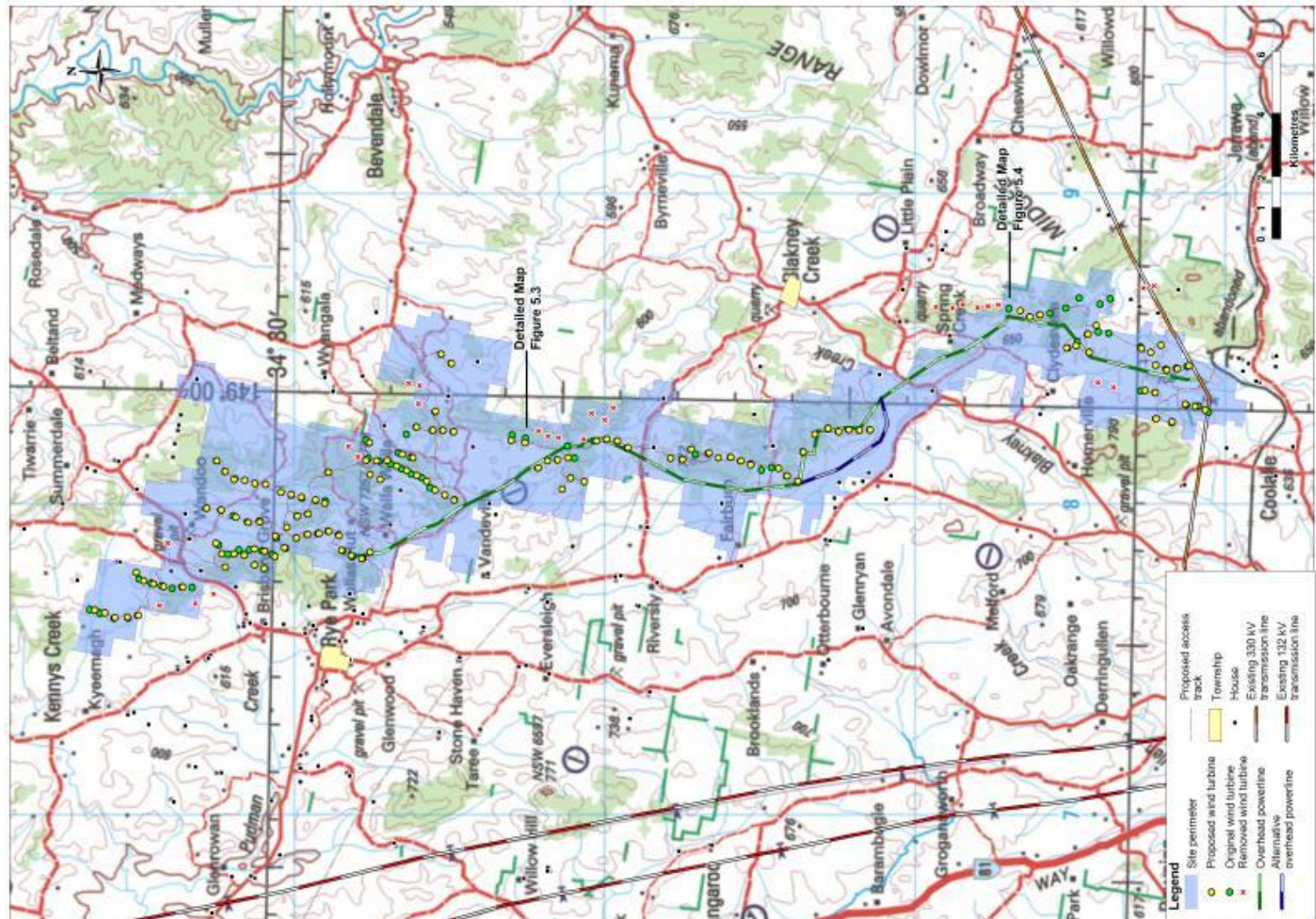
## Project Consultation – Key Activity and Timetable.....continued

Activity	Timing	Objectives	Stakeholders	Status
Pre DA lodgement finalisation and follow up	October / November 2012	Consider feedback and any final amendments required prior to lodging application	Involved and uninvolved landowners, CCC and consultants	<b>Completed</b>
Lodgement of EA with DP&I	November 2012	Submit EA	DP&I	<b>Completed</b>
<b>Community Open Day</b>	<b>December 2012</b>	<b>Inform community of EA lodgement and exhibition</b>	<b>Involved and uninvolved landowners, CCC, consultants and public</b>	<b>Pending</b>



## Project Information – Layout Revisions

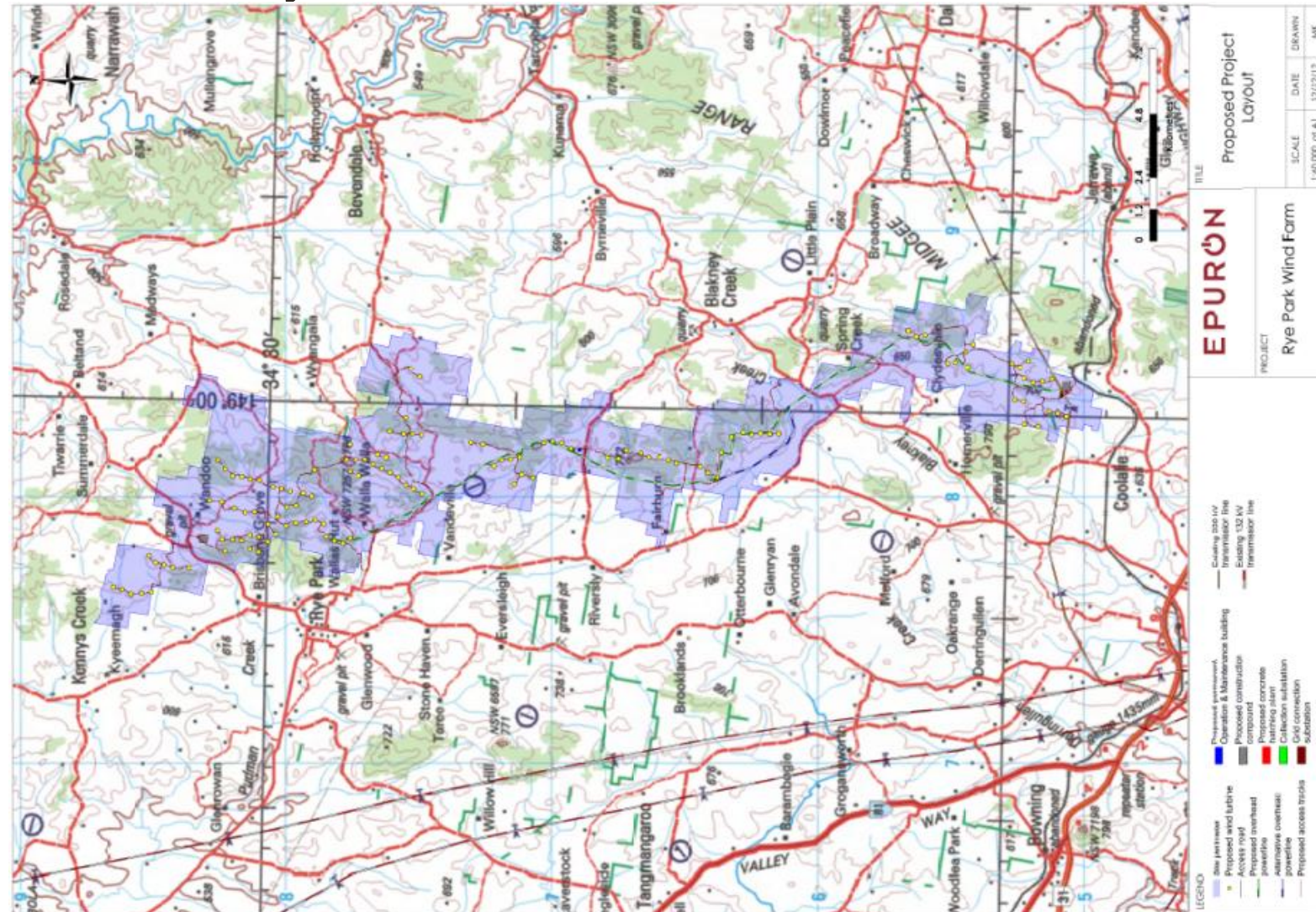
- Design of wind farm layout has been through a number of iterations to optimise
- Some turbines have been moved or removed to accommodate community feedback and or study findings





## Project Information – EA Layout

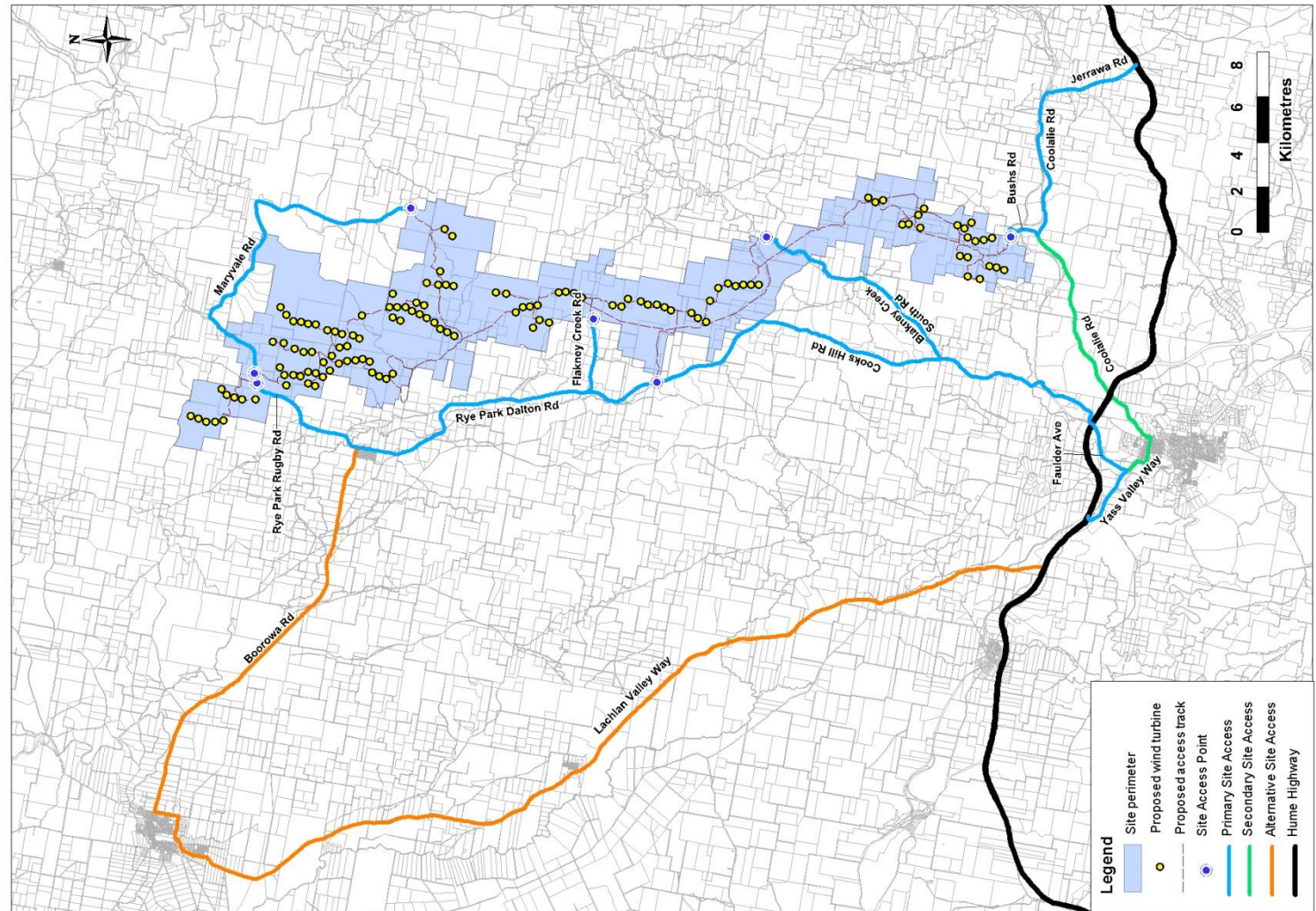
- Layout accommodates 126 turbines
- Includes associated infrastructure such as;
  - Substations
  - Overhead powerlines
  - Access roads
  - Maintenance facilities
  - Permanent wind monitoring mast
  - Temporary construction facilities





## Project Information – Access Routes

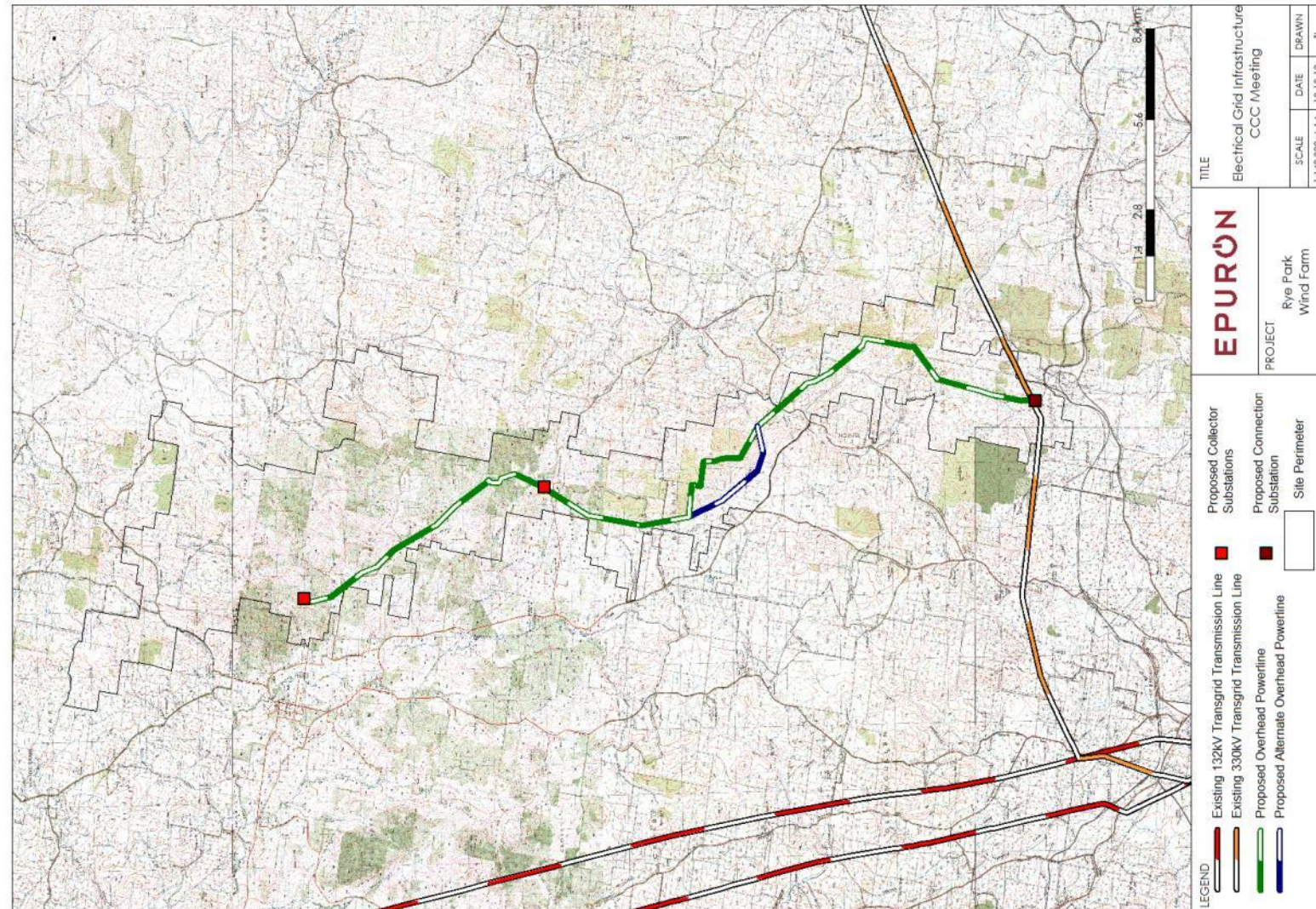
- Primary site access (light blue)
- Alternative site access (orange)
- Secondary site access (green)
- Site access points (dark blue dots)
- Wind farm internal access tracks (purple)
- Hume Highway (black)





## Project Information – Electrical Infrastructure

- Wind farm connects to existing Transgrid 330kV transmission line
- New powerline up to 330kV running up wind farm site
- New 330kV connection substation at existing transmission line
- New collection substations on wind farm



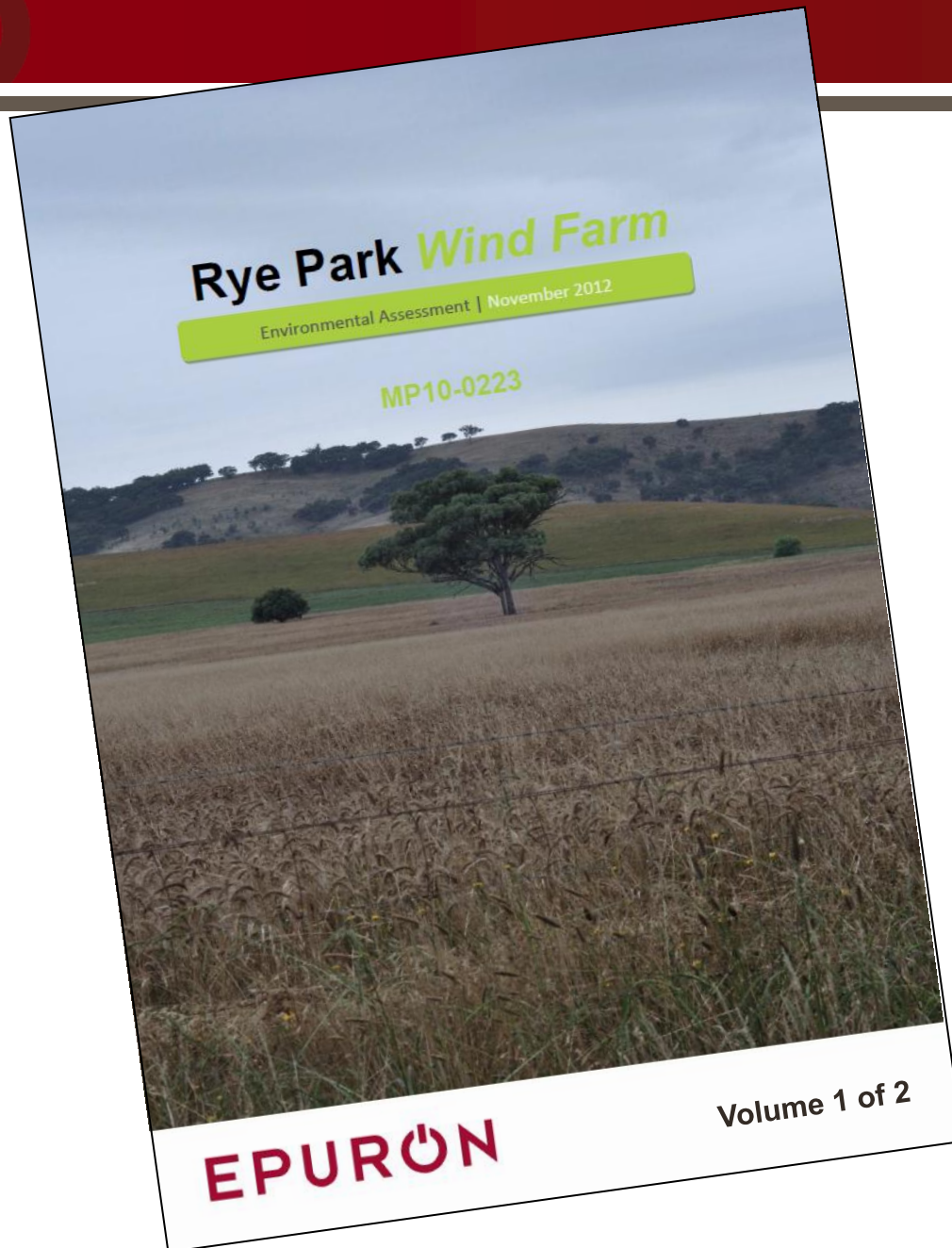


## Next Steps and Timing

- DPI review of submitted EA - December / January
- Newsletter No 7 - January / February
- Community Open Day - February / March
- Public exhibition of EA - Dates to be confirmed by DPI
- Next CCC meeting - TBC (around March / April 2013)

## Communication and Feedback Channels Available

- Consultation is a two-way-street and we're always listening.
- Feedback and suggestions are important to us and help design the project.
- Available communication channels include;
  - Epuron corporate website: [www.epuron.com.au](http://www.epuron.com.au)
  - Rye Park project website: [www.ryeparkwindfarm.com.au](http://www.ryeparkwindfarm.com.au)
  - Mailing address: Rye Park Wind Farm  
Level 11, 75 Miller Street  
North Sydney...NSW...2060
  - Phone: 02 8456 7400
  - Fax: 02 9922 6645
  - Email: [ryepark@epuron.com.au](mailto:ryepark@epuron.com.au)
  - Senior Project Manager: Brian Hall  
[b.hall@epuron.com.au](mailto:b.hall@epuron.com.au)
  - Meetings Arranged by appointment



**Thank you for your participation in the project during 2012 and merry Christmas.**

