

## APPENDIX 19

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### **Communications Responses**

Letter from Sima Salahifar, Capacity Planner, Telstra Corporation

Email from Kate Mills, Property Manager, Broadcast Australia

Email from John Chadd, Project Manager Automation, SCADA and Communications,  
Endeavour Energy

Email from Bruce Kerr, Senior Technical Specialist, Optus



6<sup>th</sup> June 2011

**Telstra Operations**

Forecasting and Area Planning NSW

4/52-54 Railway Pde  
BURWOOD, N.S.W, 2134

**Telephone** (02) 8576 9857

**Facsimile** (02) 9218 3827

sima.salahifar@team.telstra.com

Edward Mounsey  
45 Hunter Street  
Newcastle, N.S.W, 2300

**Re: PROPOSED CRUDINE RIDGE WIND FARM**

Dear Mr. Mounsey,

In response to your email dated 25<sup>th</sup> of May 2011, a desk top study was undertaken of the area and nearby telecommunications infrastructure.

Based on the provided information relating to the proposed Crudine Ridge wind farm located midway between Bathurst and Mudgee, results of rayline analyses investigation reveals that there is no potential for undue interference from the proposed wind farm on or around the Telstra communication infrastructure.

Telstra has no objection to development application in relation to the proposed wind farm subject to Crudine Ridge Wind Farm Pty Ltd confirming its agreement to the conditions and matters set out in this letter.

Wind Prospect CWP Pty Ltd on behalf of Crudine Ridge wind farm Pty Ltd needs to notify Telstra if there are any changes to the Wind Farm design. Approval granted by Telstra is only based on the information provided at this time.

Telstra will require the protection of/relocation of its fixed telecommunications infrastructure that may be impacted by activities on this site. To minimise risk of liability due to any damage, the DialBeforeYouDig 1100 Inquiry number should be contacted to obtain location of Telstra plant before commencement of construction work.

For future correspondence and enquiries regarding this matter, please contact the undersigned on 02 8576 9857.

Yours faithfully,



Sima Salahifar  
Capacity Planner

## Ed Mounsey

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**From:** Kate Mills [Kate.Mills@BroadcastAustralia.com.au]  
**Sent:** Tuesday, 9 August 2011 3:19 PM  
**To:** Ed Mounsey  
**Cc:** Gary Chao  
**Subject:** PROPOSED CRUDINE RIDGE WIND FARM, NSW [COMMUNICATIONS, BOM and RFS ORGANISATIONS]

Dear Ed,

Thank you for your update email dated 4 August 2011 regarding Wind Prospect's proposed wind farm development near Pyramul, New South Wales.

As you are aware, Broadcast Australia (BA) builds/operates broadcast sites for the transmission of services for SBS and ABC Television and Radio. BA's closest sites to the proposed wind farm are at:

- Endicotts Hill, Mudgee (BA Site Id: 2083) – approx. 35kms north of the proposed wind farm;
- Mt Cumbermelon, Kandos (BA Site Id: 2049) – approx. 25kms east of the proposed wind farm; and
- Mt Panorama, Bathurst (BA Site Ids: 2078 & 2170) - approx. 45kms South of the proposed wind farm.

BA is not opposed in principal to the installation of wind farms as it recognises the great importance and benefits of the construction of alternative green energy sources. However it is well documented that wind turbine generators (WTGs) can actually create interference into analogue television depending on various factors such as proximity of transmit/receive antennas to the wind farm. This interference which manifests itself as an annoying flickering or ghosting effect on the TV screen can be caused by reflections off the WTG support structure and/or the actual rotation of the blades.

BA has undertaken a brief analysis of the proposal and while we are not able to guarantee that no interference problems will occur for residents of the area, the chance of ghosting effects seems very remote due to the location of our sites in relation to the viewing audience and the proposed wind farm location. While we don't anticipate any impact upon our services, **we do recommend that Wind Prospect engage an engineering consultancy firm to undertake a detailed study as part of your Environmental Impact Study investigations.**

Thanks for notifying us of this proposal and please keep us informed of progress. Please contact me if you need any further information in relation to the above.

Regards,

**Kate Mills**

Property Manager

9 Thynne Street Bruce ACT 2617

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[www.broadcastaustralia.com.au](http://www.broadcastaustralia.com.au)



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## Siobhan Isherwood

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**Subject:** FW: PROPOSED CRUDINE RIDGE WIND FARM, NSW  
**Attachments:** 110213\_CRWF Preliminary EA\_Final\_EM.PDF; CRU\_80m90mPlanningLayout.csv;  
CRU\_100mPlusPlanningLayout.csv

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**From:** John Chadd [<mailto:John.Chadd@endeavourenergy.com.au>]

**Sent:** Wednesday, 24 August 2011 10:25 AM

**To:** Siobhan Isherwood

**Cc:** Bob Linton; Geoff Woods; Peter Stimson (Country Energy)

**Subject:** FW: PROPOSED CRUDINE RIDGE WIND FARM, NSW

Siobhan,

Thank you for your information re the Wind Farm at Pyramul, it has been passed to me to review.

The wind farm in the location you indicate does not present risk to the existing Endeavour Energy radio network.

If you have not already done so, you should contact Essential Energy, Peter Stimson (02) 6883-4417, Peter is the Communications Manager. The location is in Essential Energy franchise area..

Regards

**John Chadd**

Project Manager Automation

SCADA and Communications

D: 61 2 9853 4396

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E: [john.chadd@endeavourenergy.com.au](mailto:john.chadd@endeavourenergy.com.au)

[www.endeavourenergy.com.au](http://www.endeavourenergy.com.au)



## Siobhan Isherwood

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**From:** Bruce Kerr [Bruce.Kerr@optus.com.au]  
**Sent:** Tuesday, 20 September 2011 11:21 AM  
**To:** Siobhan Isherwood  
**Cc:** Ed Mounsey  
**Subject:** RE: PROPOSED CRUDINE RIDGE WIND FARM, NSW

Hi Siobhan,

Sorry for the delay in confirming. This has now been reviewed by Optus' Mobile Engineering and Transmission Engineering departments.

I can confirm that no impact is expected to Optus' existing or currently planned infrastructure.

Regards,  
Bruce

**Bruce Kerr**

Snr Technical Specialist | Radio Access Engineering - SA/WA | Networks | Optus

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