



Meeting Record

Project Name	Mid North Wind Farm	Meeting Date	2 August 2012
Meeting / Subject	Community Liaison Group	Recorded By	AP
	Meeting 5	Total Pages	8

Facilitator:	Georgina House (GH)	Aurecon
Members:	Abby Walker-Schwartz (AWS)	Waterloo Resident
	Cindy Nolan (CN)	Regional Development Australia
	Chris Mosey (CM)	Waterloo Landowner
	Colin Endean (CE)	ACF Climate Project, Transition Action Group
	David Clarke (DC)	Crystal Brook
	John Faint (JF)	Waterloo and District Concerned Citizens Group
	Heidi Hodge (HH)	Black Springs Resident
	Yvonne Cloke (YC)	Barossa Lower North Futures Inc
	Pip Edson (PE1)	Burra Regional Art Gallery
	Peter Edson (PE)	Burra Regional Tourism and Business Association
	Trevor White (TW)	Wind Farm Liaison Officer
Guests	Jezac Crowe (JC)	ElectraNet, Business Development Manager
TRUenergy	Michael Head (MH)	Project Development Manager, Business Development, OHS&E (Cathedral Rocks and Waterloo)
	Nicola Wojcik (NW)	Project Manager, Generation Projects, Operation and Construction
	Steve Brown (SB)	Head of Asset Services, Operations and Construction
Apologies	Andrew Allchurch (AA)	Gilbert Group CFS and Waterloo Landowner
	Cameron Garnsworthy (CG)	Senior Manager, Renewable Development
	Clint Purkiss (CP)	Project Development Manager
	Lisa Busch (LB)	New Member
	Geoff Brock (GB)	Honourable Member for Frome
	Lis Jones Ingman (LJI)	Burra
Minute Taker	Adam Pfitzner (AP)	Aurecon



Meeting Record

Item	Topic	Action By
1	Welcome and Apologies – Georgina House	
1.1	Welcome <ul style="list-style-type: none"> ● GH welcomed everyone to the fifth Mid North Wind Farm Community Liaison Group (CLG) Meeting. ● Introduction of Jezac Crowe, ElectraNet, Business Development Manager; Nicola Wojick, TRUenergy, Project Manager, Generation Projects, Operations and Construction; and Steve Brown, TRUenergy, Head of Asset Services, Operations and Construction (in charge of Waterloo processes) 	
1.2	Apologies <ul style="list-style-type: none"> ● Andrew Allchurch, Lisa Busch, Geoff Brock, Lis Jones Ingman 	
1.3	Agenda and Housekeeping <ul style="list-style-type: none"> ● Next meeting scheduled for second week of school holidays (4 October 2012) <ul style="list-style-type: none"> ○ Suggest changing it to the week after (11 October 2012) to avoid school holidays <ul style="list-style-type: none"> ▪ Motion carried ○ Determine interest of mini-bus tour around Waterloo Wind Farm and then hold the meeting at Waterloo Wind Farm Office with catering by Gally's <ul style="list-style-type: none"> ▪ Consensus received, motion carried ● All questions to be directed through the facilitator ● Thanks to Gally's for hosting this meeting. 	
2	Review Minutes of Previous Meeting <ul style="list-style-type: none"> ● Item 4, Page 12 – Peter Edson has discussed meeting dates of the Burra Regional Tourism and Business Association with Michael Head ● Item 5.1, Page 12 – Photography Consent Form – GH asked all to consider form and sign and provided at the end of the meeting ● Item 5.2, Page 12 – Draft Protocol – Members agreed to the protocol ● Item 5.3, Page 12 – Feedback Form – all to complete if desired ● Item 6, Page 12 – CFS – Suggested as an item at the October CLG Meeting (if CFS representative available) ● Item 7, Page 12 – GH to monitor attendance (ongoing) ● Members accepted the previous minutes as a true representation of the meeting 	
3	Overview of TRUenergy Mid North Wind Farm Projects –Michael Head <ul style="list-style-type: none"> ● MH thanked everyone for attending ● MH stated that he missed last meeting due to being in Melbourne (attending a training course) ● MH provided an update on Waterloo, Stony Gap, Waterloo 2 and Robertstown Projects. 	
3.1	Waterloo Wind Farm Update <ul style="list-style-type: none"> ● Civil remediation continuing as part of the ongoing operational commitments. ● 3 Site Tours from Local Government representatives and University of Adelaide tours planned for August. ● 1 OHSE Incident to report. Near Miss; vehicle passing machine without giving notice via UHF radio. No damage or injury. ● 1 turbine under-going unscheduled maintenance on a Transformer failure. ● DENR Autopsy Report for Wedge tailed Eagle received 3rd July. ● Cause of death inconclusive – could not be directly attributed to wind farm. ● On advice from DENR the report is not a public document, however we are happy to 	



Meeting Record

Item	Topic	Action By
3.2	<p>discuss the findings and processes.</p> <p>Stony Gap Wind Farm Update</p> <ul style="list-style-type: none"> ● Stony Gap Development Approval Refused - 1st August 2012. ● We are currently reviewing our options. ● We will make an announcement in due course. <p>Q: Did they give adequate reason why they refused the (Stony Gap) application? A (MH): Council have 5 days to offer report. We will wait for their report.</p> <p>Q: When will TRUenergy be likely to make a decision? A (MH): Probably in the next week or two.</p> <p>JF: Concerned about potential of disturbances of Wedge Tailed Eagles in relation to the continuing work on site, given nesting at this time A (MH): TRUenergy has an internal policy to manage construction around birds</p> <ul style="list-style-type: none"> ● 10 nests have been identified (1 nest has since fallen and broken of natural causes) ● Now 9 nests ● MH observes from distance ● MH monitors nests for activity ● If any activities are proposed, TRUenergy sets up an exclusion zone and restricts vehicle speed and does not allow people to alight from vehicles <p>Q (AWS): Are exclusion zones imposed on landowners? A (MH): We cannot enforce the exclusion zone on landowners, but they do apply to crews and staff associated with the wind farm operations.</p> <p>Q (HH): Does DAP represent Council? (speak on Council's behalf) A (TW): A panel (DAP) consists of 7 or 5 (normally 7) members with a mix of elected and independent members. The Presiding Member is independent. DAP members are to assess development applications against the relevant provisions of the Development Plan and make the decision accordingly.</p> <p>Q (HH): If the DAP is overturned, how will TRUenergy ever do effective community engagement if the wind farm goes ahead? A (MH): We will always engage the community, regardless of the outcome. We will continue to engage the community through the life of Waterloo and Stony Gap Projects. TRUenergy wants to remain an active member of the community.</p>	
3.3	<p>Waterloo Wind Farm 2 Update</p> <ul style="list-style-type: none"> ● Development Application Lodged with Clare and Gilbert Valleys Council on 6th July 2012. Planning fees = approx. \$50,000. ● EPBC Referral lodged on 5th of July 2012. ● Initial notification from EPBC is that the action is NOT a controlled action under the Act, subject to conditions. ● Awaiting comment by State Government Departments. ● Notification of adjacent Landholders expected August/September. ● Category 2 Development based on current policy and legislation. ● Expect DAP Hearing in late 2012. Once public notification opens, Development Application will go on website. 	



Meeting Record

Item	Topic	Action By
3.4	<p>Q (JF): Was there a fee for Waterloo Stage 1? A (MH): A fee of \$196,000 was paid to Council for the assessment of Waterloo 1 (response provided by MH following the meeting).</p> <p>Robertstown Monitoring Mast Update</p> <ul style="list-style-type: none"> • Two (2) extra years have been received, this will provide a lot more understanding of wind. 	
4	<p>Making the switch to renewables: Integrating wind energy into SA's electricity system and impact for consumers</p> <ul style="list-style-type: none"> • GH introduced Jezac Crowe (JC) from ElectraNet • ElectraNet transmit power from generators (like power stations and wind farms) to ETSA who distribute power to homes, offices and industries • ElectraNet owns and manages the South Australian transmission HV Network in the National Electricity Market (NEM) • ElectraNet is the principal transmission network service provider for South Australia • Its asset book value is approximately \$AUS1.7b • Growing to 290 staff • Privately owned • Network costs drivers <ul style="list-style-type: none"> ○ Increasing levels of capital works to meet growing demand and replace ageing assets ○ Higher rates of return due to increase in debt premiums following GFC ○ Higher input costs as commodities market recovers from GFC ○ Changes in reliability standards • Transmission network is the 'backbone' of the power system and is important to the economy and reliability of electricity supply <ul style="list-style-type: none"> ○ Connects power stations to major load centres ○ Connects SA to the NEM ○ Facilitates competition in the energy market ○ Reduces amount of spare generation capacity that must be provided to ensure reliable supply ○ South Australia has 54% of the nations installed wind capacity (up from 51% 12 months ago) with only ~8% of national population • SA has the highest proportional contribution by wind energy to state demand in Australia • Wind Generation comprises ~25% of installed generation in SA • SA has surpassed 1.1GW of installed capacity with the addition of North Brown Hill and Waterloo wind farms during 10/11 • On 20 June 2011 a record 993.7MW of wind capacity was generated – requiring output of 93% of generation capacity • On 5 February 2012, a record of wind generation as a % of the days energy was set at 60.56% • In 2010, wind energy contributed ~17% of the total energy supplied • In 2011, wind energy contributed ~23% of the total energy supplied <ul style="list-style-type: none"> ○ SA Government. has a target of 20% by 2014 ○ 33% by 2020, well above national 20% target • The share of total generated energy supplied by wind in SA is projected to rise to 34% by 2019 • Significant potential for further development 	



Meeting Record

Item	Topic	Action By
	<ul style="list-style-type: none"> ○ Mid North and South East ○ Eyre Peninsula Green Grid Study (2,000+ MW) ● Currently capacity for total wind connections of approx. 2,300MW ● Beyond this will require transmission investment <p>Q: Does ElectraNet transmit power to Kangaroo Island? A (JC): No, Kangaroo Island is connected by ETSA.</p> <p>Q: Is there one or two connections to New South Wales and Victoria? A (JC): There are two interstate connections, one via Robertstown and one via the South East. The more interconnected the network is, the greater the reliability.</p> <p>Q. Does the network have any reserve capacity? A (JC). 1150MW (Mega Watts) currently installed on network, is capable of increasing to 2300MW (double current capacity).</p> <p>Q: Is it remotely feasible to get High Voltage lines to Kangaroo Island? A (JC): For it to be feasible, it must be the cheapest/best option. High Voltage would be a significant cost, therefore not feasible to go to Kangaroo Island at this stage.</p> <p>Q: Will we ever interconnect to Western Australia? A (JC): Unlikely in the foreseeable future. At some point we will re-build infrastructure between Port Augusta and Port Lincoln.</p> <p>Q: How large would a solar farm need to be to go into the ElectraNet network? A (JC): Connecting Low Voltage (ETSA) is cheaper than High Voltage (ElectraNet).</p> <ul style="list-style-type: none"> ● 20-50 MW is capable of going through either High Voltage (ElectraNet) or Low Voltage (ETSA). There are rules that determine who is the best to connect with. <p>Q: Is less power being used, due to solar panels on residential houses? A (JC): Many factors influence the amount of power that is used:</p> <ul style="list-style-type: none"> ● The GFC (Global Financial Crisis); ● Solar photovoltaic cells; ● More efficient goods; ● Switching equipment off when not in use (behavioural awareness); ● We have only scratched the surface of home based behaviour; and ● Last few years we observed a whole lot of change in usage. <ul style="list-style-type: none"> ● JC also expanded by saying: South Australia is not utilising the interconnector back to Victoria as much (anymore) due to a change in South Australian behaviour. Reliance on coal is dropping in South Australia. Carbon usage per person is dropping, due to more reliance on wind and individual behaviour. <p>Q: Is there the ability to cope with wind (intermittent behaviour)? A (JC): It is a balancing act. If the wind drops, it requires other generation to fill the gap (typically gas or interconnector). South Australia is a great wind source.</p> <p>Q: Can you (GH) send the PowerPoint with the minutes? A (JC): Yes, not a problem.</p>	



Meeting Record

Item	Topic	Action By
	<p>Q. If we consider the situation that occurred with the India Grid (went 'black'). Is the same situation capable of happening here (South Australia)? A (JC). It can be a cascading failure. If South Australia went 'black', it could take approximately 6-8 hours to bring back online.</p> <p>Q (GH). ElectraNet rolled out reinforcement of Adelaide CBD? A (JC). We would need to balance costs, whether it is an outright cost or a cost for later on.</p> <p>(GH) Thanked MH and JC for the presentations and advised of the supper break.</p>	
	<p>SUPPER BREAK</p>	
<p>5</p> <p>5.1</p>	<p>Other Business</p> <p><i>Further discussion of potential community initiatives and opportunities consider at the previous meeting</i></p> <p><u>Potential Community Initiatives</u></p> <ul style="list-style-type: none"> • (GH) Members revisited and added to the main topic from the last meeting where members discussed community initiatives. Opportunities discussed including: <ol style="list-style-type: none"> 1. Mid North Engineering Academy (MNEA) providing education and training opportunities 2. Potential future Mid North Agricultural Academy providing education and training opportunities 3. Transport initiatives to enable people to access training and work experience 4. Local community initiatives perhaps via a Community Fund (e.g. Waterloo Township Signage and Public Toilets) 5. Volunteers to join the local Ambulance Service (Burra and Riverton) 6. Potential University in the Mid North. There is a long term goal for a Flinders University Campus to be located at Burra. Hoping to attract city people to regional areas, looking at setting up a 'shop front'. TRUenergy could play a role. 7. Potential retail offer for local community providing lower electricity charges <p><u>Retail Offer</u></p> <p>Q: One member indicated from research that they had found that TRUenergy are the most expensive retailer. A/Q (SB): How did you find this information? Did you phone the call centre to determine the costs? A: Yes, I did phone the call centre.</p> <ul style="list-style-type: none"> • NW: Discussions with the retail department are ongoing to see if a better retail offer might be possible for the local community. The approval of the Stony Gap Wind Farm would have helped. TRUenergy will continue to follow-up. • To be raised in the next meeting. • (NW and SB): Raised the "One Big Switch" initiative/campaign • (SB) The "One Big Switch" is run by a group who want cheaper prices. It is an inexpensive way to gain a mass of customers. • (YC): You are able to "Google it" and register that way. 	



Meeting Record

Item	Topic	Action By
	<p><u>Transport Initiatives</u></p> <ul style="list-style-type: none"> ● (YC) We need to consider transport for young people so they have the opportunity to participate in training and other programs. A feasibility was done, and I (YC) have access to the results. We need to identify key partners. <p>Q. (YC): Is anyone from this group interested in a partnership? We need to bring the partners together and develop a sustainable solution.</p> <ul style="list-style-type: none"> ● SB: TRUenergy are interested in working with Yvonne ● YC: We need to bring together the correct people and not make it dependant on one company. <p><u>Review of Potential Community Initiatives</u></p> <ul style="list-style-type: none"> ● GH: The final meeting of the year will be held in December. It will be a 'half meeting' consisting of a celebration and we will touch back on these ideas and discuss any progress. <p>5.2 Photography Consent Form</p> <ul style="list-style-type: none"> ● GH: Reminder to review and sign the photography consent form and return it back to myself. <p>5.3 Draft protocol for unannounced visitors and role of observers</p> <ul style="list-style-type: none"> ● The group agreed with the proposed protocol. <p>5.4 Minute Taker</p> <ul style="list-style-type: none"> ● (GH) Introduced Adam Pfitzner who will be filling in for Mel Pinding during her absence. <p>5.5 CFS Pagers and Network</p> <p>(CM): On behalf of the CFS (Country Fire Service), I would like to clear up the claims that the pagers and network for the UHF were not working due to wind farm interference. These technologies were not working well prior to the operation of the wind farms and therefore the wind farms are not the reason.</p> <p>5.6 Wave Action Generation</p> <p>(TW) Trevor gave another example of a renewable energy project and the comparison of power generation with a wind farm.</p> <ul style="list-style-type: none"> ● \$7,000,000 grant for "Oceanlinx", which is a wave action generator located approximately 4 kilometres off from Port MacDonnell. Their website is www.oceanlinx.com ● It generates 1 MW of electricity per hour, whilst a wind farm generates 1100MW per hour. 	
6	<p>Topics for the next meeting</p> <ul style="list-style-type: none"> ● The topics for the next meeting will include: <ul style="list-style-type: none"> ○ Site Tour of Waterloo Wind Farm ○ CFS Presentation (subject to availability) 	
7	<p>Questions and Answers</p> <ul style="list-style-type: none"> ● Taken throughout meeting 	
8	<p>Next Meeting and Close</p>	



Meeting Record

Item	Topic	Action By
	<p>Q: When is the next meeting? A (GH): The next meeting will be held at the Waterloo Wind Farm on Thursday, 11 October 2012.</p> <p>Q: Is it possible to begin the meeting earlier? (due to meeting on site and plan to undertake the site tour in daylight hours). A (GH): Up to the group to decide. Some prefer 4.00pm and others 4.30pm. Consensus agreed to 4.00pm start. A flyer will be issued to reflect the change in meeting date, time and location.</p> <ul style="list-style-type: none">● GH thanked all for their attendance● Minutes of this meeting will be distributed to all for review/comment and once finalised will be placed on the TRUenergy website● Next CLG Meeting – Thursday 11 October, 2012 – 4.00-6.30pm at Waterloo Wind Farm● Meeting Closed	

Attachments include:

- Agenda for CLG Meeting #6 and location details for Waterloo Wind Farm
- ElectraNet Presentation by Jezac Crowe

Georgina House Contact Details:

Georgina.house@arecongroup.com Ph: 08 8237 9600. Mobile: 0414 454 105. Fax: 08 8237 9778.

Postal Address: Georgina House, Aurecon, 55 Grenfell Street, Adelaide SA 5000.