

Meeting Record

Project Name	Mid North Wind Farm	Meeting Date	5 September 2013
Meeting / Subject	Community Liaison Group	Recorded By	AP
	Meeting 11	Total Pages	7

Facilitator:	Georgina House (GH)	Aurecon
Members:	Colin Endean (CE)	ACF Climate Project, Transition Action Group
	Garry Fieldhouse (GF)	Gally's
	Kelly-Anne Saffin (KAS)	Regional Development Australia Yorke and Mid North
	Lis Jones Ingham (LJI)	Burra
	Sally Fieldhouse (SF)	Gally's
Guests and Observers:	Hon Dan van Holst Pellekaan	Honourable Member for Stuart
	Cr Sue Wurst (SW)	Councillor, Clare and Gilbert Valleys Council
	Kerry Ward (KW)	Member NRM Group
	Steve Symons (SSy)	Pallisade and Northleaf Representative
EnergyAustralia:	Mike Clee (MC)	SA Operations Manager
	Mike de Vink (MV)	Senior Project Manager
	Agata Millington (AM)	Community Relations Communications Adviser
	Jonathan Carboon (JC)	Principal Engineer Wind Energy
Apologies:	Hon Geoff Brock	Honourable Member for Frome
	Des Menz (DM)	Burra
	Cindy Nolan (CN)	Clare
	David Clarke (DC)	Crystal Brook
	Heidi Hodge (HH)	Black Springs Resident
	Trevor White (TW)	Wind Farm Liaison Officer
	Clint Purkiss (CP)	Project Development Manager, EA
Minute Taker	Adam Pfitzner (AP)	Aurecon

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Item	Topic	Action By
1.	Welcome and Apologies – Georgina House	
1.1.	<p>Welcome</p> <ul style="list-style-type: none"> ● GH welcomed members and guests to the 11th Mid North Wind Farm Community Liaison Group (CLG) Meeting. ● GH gave a special welcome to first time attendees and guests of this evening's meeting, including: <ul style="list-style-type: none"> ○ Hon Dan van Holst Pellekaan, Member for Stuart ○ Kerry Ward, Member NRM Board ○ Agata Millington, Community Relations Communications Adviser, EA ○ Jonathan Carboon, Principal Engineer Wind Energy, EA 	
1.2.	<p>Apologies</p> <ul style="list-style-type: none"> ● Apologies received from: <ul style="list-style-type: none"> ○ Hon Geoff Brock, Member for Frome ○ Des Menz (working in Victoria at least till the end of this year) ○ Heidi Hodge ○ Cindy Nolan ○ Trevor White ○ David Clarke ○ Clint Purkiss, EA ● Apologies were noted. 	
1.3.	<p>Agenda and Housekeeping</p> <ul style="list-style-type: none"> ● GH outlined today's agenda, which includes: <ul style="list-style-type: none"> ○ EnergyAustralia Update. ○ Brainstorming Session around a Grant Opportunity (Significant Environmental Benefit Grant). ● GH advised that the next CLG meeting will be held on Thursday 7th November 2013. 	
2.	<ul style="list-style-type: none"> ● Review Minutes of Previous Meeting – Georgina House ● Actions arising from the minutes: <ul style="list-style-type: none"> ○ Page 2 – Item 3 – MC to review stakeholder database and send letter to key stakeholders and community re: new contact details <ul style="list-style-type: none"> ▪ MC reported this action has been completed ○ Page 7 – Item 6 - Grant Opportunity (Significant Environmental Benefit Grant) <ul style="list-style-type: none"> ▪ GH informed this action is covered in today's agenda ○ Page 7 – Tem 7 – MC update on EPA Report and Findings when available <ul style="list-style-type: none"> ▪ MC informed this action is covered in the Waterloo Wind Farm update ○ Page 7 – Item 8 – Provide reference to Michael Head <ul style="list-style-type: none"> ▪ GH reported this action has been completed ● GH asked if any comments or questions regarding the minutes. ● Several members asked for an update on the CSIRO Study and workshop that Dr Nina Hall had programmed. ● AM informed members that the CSIRO study had been deferred awaiting the outcome of the Stony Gap Wind Farm Development Application. ● Members accepted the 4 July 2013 Minutes as a true representation of the meeting. 	
3.	Overview of EnergyAustralia Mid North Wind Farm Projects – Mike Clee and Jonathan Carboon	
3.1	<p>Waterloo Wind Farm Update</p> <ul style="list-style-type: none"> ● MC provided an update on Waterloo Wind Farm. ● MC advised that August was the highest ever generation the Wind Farm has produced. 	

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	<ul style="list-style-type: none"> ● On the 19th July an electrical fault occurred on one of the 33kV cable terminations to the incoming circuit breaker. Repairs were performed with replacement of nine 33kV cable terminations, and testing of adjacent cables. Electrical testing of the 33kV/132kV Transformer was also performed as a precautionary measure, with re-energisation and return to service achieved on the 26th July. ● Change out of 10 Turbine Gearboxes was completed on the 26th July. ● On the 9th August an electrical fault occurred on 'A' section (7 Turbines). An underground cable joiner failed 1.2 kilometres from the main switch room. Return to service achieved on the 18th August. <ul style="list-style-type: none"> ○ AM questioned how long it took to discover the fault? ○ MC replied by stating approximately five (5) days. MC continued to explain that there is a join every 600 metres (over a span of approximately 30 kilometres of cable). MC concluded to say that the fault did not raise any danger for public safety. ● Hosted 2 site tours: <ul style="list-style-type: none"> ○ Barossa Valley Probus Club, approx. 40 members, ○ Adelaide University approx. 70 students. ● EPA monitoring of noise including infrasound in the vicinity of Waterloo wind farm commenced 8th April and concluded on the 17th June. EnergyAustralia as requested by the EPA agreed to and cooperated with the program by shutting down the wind farm as determined by the EPA. All recorded statistics and production data has been passed onto the EPA for analysis and correlation with their shutdown program. The official report is expected to be issued by the EPA in September / October 2013. ● The Waterloo Township Information Signage proposal has gained Council approval with erection expected to commence in early October. Signage to be erected outside Waterloo Hall. Est. cost approx. \$20k which includes the structure and signage. <ul style="list-style-type: none"> ○ A question was raised as to the cost price of the Information Signage? <ul style="list-style-type: none"> ▪ MC stated that the cost includes the construction of a structure / shelter as well as the signage. The structure will measure approximately 11.5m x 7.5m. ● CE asked whether the cable failures are routine (happen often)? <ul style="list-style-type: none"> ○ MC stated that he has heard of other cases (on other Wind Farms) where it has occurred and that he believes the standards need to be reviewed. MC concluded that during operation of the Wind Farm, the cables experience high temperatures, and are cooled down rapidly once the operation ceases (causing high fluctuations in the cable temperature, leading to these failures). 	
3.2	<p>Proposed Waterloo 2 Wind Farm Update</p> <ul style="list-style-type: none"> ● JC provided an update on the Waterloo 2 Wind Farm Development Application. ● Development Plan Consent given on the 14th June 2013. ● Due to one onerous condition a variation application was lodged in July and approved in August 2013. The old wording was found to be mandating a fixture in a Development Plan Consent and also legally unsuitable to be implemented. ● New permit conditions do not stipulate the turbine type, make or model. <ul style="list-style-type: none"> ○ JC added that turbines change and improve over time. ● Monitoring Equipment installed on Wed 28th August <ul style="list-style-type: none"> ○ SODAR – Sonic Sound Based Wind Speed Measurement Device. Powered by solar panels. ● JC indicated that the next steps for Waterloo 2 include: <ul style="list-style-type: none"> ○ Discussion with Turbine manufacturers ○ Internal discussion and approvals process once the economics of the project are fully understood against market pricing ○ Engagement with ElectraNet once turbine selected ○ Full detailed engineering design and production of all management plans ○ Application for Building Works Consent ● A CLG member asked in what way had technology advanced over the years? ● And whether advancements make the wind turbines more effective or quieter? <ul style="list-style-type: none"> ○ JC indicated that he has a short presentation on wind turbine 	

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	<p>technology and said he would come back to this question later in the presentation.</p> <ul style="list-style-type: none"> ● GH questioned how many landowners were involved in the Waterloo 2 project? <ul style="list-style-type: none"> ○ JC confirmed that two (2) land owners are involved and that one (1) of the land owners is currently participating in the existing Waterloo project. 	
3.3	<p>Proposed Stony Gap Wind Farm Update</p> <ul style="list-style-type: none"> ● JC provided an update on the Stony Gap Wind Farm Development Application. ● Process of mediation with Joinders has not been successful to date, therefore hearing process has been instigated in ERD Court. ● EA awaiting particular matters (outline of argument from Joinders due 26 September). ● Next ERD Court date 3 October to outline timeframe and scope of argument for the court case. ● Once DA status is understood the processes around grid connection and the EPBC determination will be re-initiated. <ul style="list-style-type: none"> ○ AM stated that this is part of the reason for why the CSIRO study has been delayed. ● GH suggested that if the Court Hearing date is set on the 3 October, a decision may not be made until the new year. <ul style="list-style-type: none"> ○ JC agreed that this is a likely scenario. ● CE asked how the delay (of approximately 1 year) fits into competing developments? <ul style="list-style-type: none"> ○ JC suggested that the purpose of the project is to meet the Federal Energy Targets, which forms a basis of why EnergyAustralia undertakes the project, rather than other wind farms stopping the project from going ahead. ● A member questioned whether the area receives good transmission? ● JC confirmed that the site has good access to the transmission network. ● GH mentioned that she was of the understanding that the site is a very good wind resource. ● JC confirmed the site as an excellent wind resource. ● A member queried whether the delay (of Stony Gap) is a setback? <ul style="list-style-type: none"> ○ JC indicated it is a setback. ● An additional question was raised as to whether there are any benefits associated with the project taking longer? <ul style="list-style-type: none"> ○ JC indicated that that it would have been better to have the Wind Farm operational at an earlier time, due to the exchange rate. However, technology advancements continually occur and this may be a benefit for taking longer. ● CE questioned whether the exchange rate would be a significant difference? <ul style="list-style-type: none"> ○ JC indicated that the exchange rate has been historically good to date. 	
3.4	<p>Technical Information about Wind Turbines</p> <ul style="list-style-type: none"> ● JC provided some technical information about wind turbines. ● JC indicated that Wind Energy has been present for many years/decades, even centuries, going back to the old wind mills (typically used as pumps to retrieve water and milling grain). ● JC explain the technical details of how a modern wind turbine works, referring to diagrams in his presentation. ● JC explained the difference between the various models of modern wind turbines. For example, the Vestas V90-3.0MW (which are used on the Waterloo Wind Farm), and the Vestas V100-2.0MW and the Siemens 2.3 MW-113 as a comparative model. ● JC discussed the blade technology and outlined some of the complexities, particularly with transportation to site. ● CE asked whether the blades are manufactured locally or whether they are imported? <ul style="list-style-type: none"> ○ JC indicated that the blades are imported and stated that all turbines are imported. 	

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4.	<p>CLG Initiative: Significant Environmental Benefit Grant - Georgina House and Kelly-Anne Saffin</p> <ul style="list-style-type: none"> ● GH introduced the opportunity to seek funding through the Significant Environmental Benefit Grant. ● The CLG has been collecting suggestions and initiatives identified at meetings and placing them in a register. ● The register is grouped into four themes: <ul style="list-style-type: none"> ○ Community ○ Environment ○ Economy ○ Communications ● CLG Members have indicated a willingness to participate in and achieve a community project. ● Opportunity exists to apply for a grant called the “Significant Environmental Benefit Grant” (SEB). ● Grant money is available through the Native Vegetation Fund. ● The Waterloo Wind Farm proponent (now EnergyAustralia) contributed significantly to this fund at the time of receiving planning approval. ● The SEB supports funding for biodiversity projects that will assist in the landscape scale conservation, restoration and management of native vegetation across NRM Regions. ● The next round of funding opens on 1 February 2014. ● The Burra Gorge and Tothill Ranges area offers a potential area of focus. ● The Burra Gorge and Tothill Ranges Opportunity offers opportunity to create connections with: <ul style="list-style-type: none"> ○ Burra Township ○ Burra Gorge ○ Tothill Ranges / North Mount Lofty Ranges ○ Waterloo and Waterloo 2 Wind Farm ○ The potential Stony Gap Wind Farm ○ Biodiversity conservation, restoration and management ○ Protection of rare and endangered habitat and species ○ Recreation, tourism and economic development ○ Interpretation of European and Aboriginal cultural heritage ○ Land management and landscape amenity ● Projects must address Native Vegetation Council priorities and be consistent with NRM plan strategies and priorities. ● Native Vegetation Council Priorities include: <ul style="list-style-type: none"> ○ Protection and re-establishment of native vegetation ○ Landscape restoration ○ Delivery of significant environmental benefits that off-set vegetation clearance ○ No species loss. ● NRM Strategies and Priorities include: <ul style="list-style-type: none"> ○ Increased protection and preservation of Aboriginal culture ○ Public recreation and tourism areas are valued and managed sustainably ○ Native ecosystem extent increased and condition improved ○ Increased community appreciation of native ecosystems and species ○ No species or ecosystem moves to a higher risk category and 50% of species move to a lower risk category ○ Improved soil and land condition 	

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	<ul style="list-style-type: none"> ○ Land affected by land degradation processes is reduced. ● A member raised the concern as to what would happen if the Stony Gap proposal does not go ahead? <ul style="list-style-type: none"> ○ GH indicated that it is not considered to be an issue and that this process will help offset the Waterloo projects. ● Everyone participated in an exercise of brainstorming ideas and sorting into common themes ● It was agreed that ideas developed at the meeting should be circulated, in their raw form, to all members (present and absent from the meeting) for review and that opportunity be provided to add to or identify new opportunities. ● Hon Dan van Holst Pellekaan stressed the importance of the proposal addressing the key SEB criteria. ● AM asked Dan whether he would assist the group with the application? <ul style="list-style-type: none"> ○ Dan indicated that he would be happy to assist further. He added that it would be beneficial to provide a link between schools and native vegetation and agriculture to fill a current gap in this area. ● GH mentioned that the Hon Geoff Brock had also offered his support to the initiative. ● AM queried how will the CLG engage the wider community? <ul style="list-style-type: none"> ○ KAS recommended that the next step would be to form a working group and involve other key stakeholders within the region to assist scope the potential SEB initiative. ○ KAS indicated she was prepared to coordinate the forming of the working group and SF indicated that she would like to join the working group. ○ Other CLG members and guests with an interest in the SEB may wish to join the working group or contribute further at the next CLG meeting (November 2013). ○ EnergyAustralia indicated they would like to be involved in the working group. ○ It was also mentioned that it would be ideal if the wind farm landholders were interested in progressing the initiative further as well. 	<p>GH to type up ideas generated at the meeting and circulate to all members for review, value adding and adding of new ideas.</p> <p>KAS to form a working group involving various key stakeholders to scope and progress the SEB initiative</p> <p>CLG members and guests with an interest in the SEB are welcome to contact Kelly-Anne Saffin or Georgina House for further information.</p>
SUPPER BREAK		
8.	<p>Other Business – All</p> <ul style="list-style-type: none"> ● HH (apology) asked GH to convey to the CLG her disappointment at not having Michael Head on the EA team given the important role he provided for community liaison and the need for a good understanding of rural community engagement. She will write to EA to outline her opinions. ● CN (apology) asked GH to raise her concern for the lack of rental properties currently available in Clare (particularly the premium market) and high rent prices being asked. She has heard, through a local agent, that the lack of supply of residential houses and the increased rental prices are a result of “a wind farm” development. <ul style="list-style-type: none"> ○ The group discussed the issue further ○ KAS mentioned that the wind farm is likely to be the Snowtown-Clements Gap Wind Farm ○ EA confirmed it is not a result of the Waterloo or Stony Gap projects. ○ Another member mentioned that Clare always has a demand and supply issue with rental properties. 	
9.	<p>Topics for Future Meetings - All</p> <ul style="list-style-type: none"> ● EPA Noise Report (if the report is available) ● CSIRO Report Update (if any advancement is made in the interim) 	

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	<ul style="list-style-type: none"> Update on the SEB Grant concept 	
10.	<p>Next Meeting and Close –Georgina House</p> <ul style="list-style-type: none"> GH thanked all for their attendance. Minutes of this meeting will be distributed to all for review. One week will be provided for members to review draft minutes and provide any feedback to Georgina House. Once finalised, the minutes will be placed on the EnergyAustralia Website and circulated to other key stakeholders. Next CLG Meeting – Thursday 7 November 2013 – 4.30pm to 6.30pm at Gally's. <ul style="list-style-type: none"> CE will be an apology at the next meeting, as he is away for the first two (2) weeks of November and last week of October. Some discussion occurred about changing the meeting date but a good alternative date could not be found. It was agreed to leave the date as previously arranged. <p>Meeting Closed.</p>	GH

Attachments include:

- Agenda for CLG Meeting #12 (Thursday 7 November 2013)
- SEB Brainstorming Ideas

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