

SILVERTON WIND FARM (08_0022 MOD 2)

RESPONSE TO SUBMISSIONS

APPENDIX 3

SILVERTON WIND FARM MOD 2

CONSULTATION WITH THE COMMUNITY

Annette Holtham

From: Helena Orel
Sent: Thursday, 24 March 2016 5:47 PM
To: Adam Mackett
Subject: AGL Silvertown Wind Farm CCC Meeting Minutes, Presentation, Next CCC Meeting Date - Thursday 28 April 2016
Attachments: wind_farm_grant_announcement_-_22_march_2016.pdf; 20160225 - SCCC Meeting Presentation February 2016 FINAL.PDF; 20160225 - SCCC Meeting Minutes February 2016 DRAFT.DOCX; Silvertown Wind Farm CCC AGL Responses to Tabled Questions by HM - Copy.docx

Dear community

Please find attached the minutes and presentation for the 25 February 2016 CCC meeting. Let me know if you have any amendments to the minutes.

Below are links to reports as discussed in the meeting. Please let me know if you would like further information on any of these.

Silvertown Wind Farm Environmental Assessment

<https://www.agl.com.au/-/media/AGL/About-AGL/Documents/How-We-Source-Energy/Wind-Environment/Silvertown-Wind-Farm/Assessments-and-Reports/2012/environmental-assessment.pdf?la=en>

Silvertown Wind Farm Social Impact Assessment

<https://www.agl.com.au/~media/AGL/About%20AGL/Documents/How%20We%20Source%20Energy/Wind%20Environment/Silvertown%20Wind%20Farm/Assessments%20and%20Reports/2012/social-economic-impact-assessment.pdf>

Macarthur Wind Farm Infrasound and Low Frequency Noise Monitoring

https://www.agl.com.au/-/media/AGL/About-AGL/Documents/How-We-Source-Energy/Wind_Farms/Macarthur_2014_Update/130724_Resonate-Acoustics-MWF-infrasound-report.pdf?la=en

A number of questions were tabled at the February meeting by Helen Murray, please find the tabled questions and AGL's responses attached.

Also attached is a media article from the National Health and Medical Research Committee stating the Committee has awarded funding to further the research into wind farms and health.

Next CCC meeting

Due to requests from a CCC member for a meeting date change, we are proposing to hold the next CCC on Thursday 28 April 2016. Please let me know if this date is suitable for you?

Kind regards



Australian Government
National Health and Medical Research Council

22 March 2016

MEDIA RELEASE

NHMRC awards funding into wind farms and human health

The National Health and Medical Research Council (NHMRC) has awarded two grants totalling \$3.3 million to enrich the evidence-based understanding of the effects of wind farms on human health.

NHMRC CEO Professor Anne Kelso noted that further research is needed to explore the relationships between wind farms and human health.

“Existing research in this area is of poor quality and targeted funding is warranted to support high quality, independent research on this issue.

“To address this, we need well designed studies conducted by excellent researchers in Australian conditions.

“These grants directly support the Australian Government’s commitment to determine any actual or potential effects of wind farms,” Professor Kelso said.

NHMRC funded research at the Flinders University of South Australia will explore relationships between noise from wind farms and effects such as annoyances and reduced sleep and quality of life.

Research at the University of New South Wales will investigate the broader social and environmental circumstances that may influence the health of people living near wind farms.

The outcomes of this research will assist in developing policy and public health recommendations regarding wind turbine development and operations in Australia.

Professor Kelso said it was important to note that the funding will support only high quality, well designed research proposals.

“NHMRC supports only the most outstanding research. Each application for this funding underwent the same stringent independent review process we apply to all NHMRC grant applications,” Professor Kelso said.

These grants are awarded in response to the 2015 Targeted Call for Research into Wind Farms and Human Health, following the release of the *NHMRC Statement: Evidence on Wind Farms and Human Health*.

Information relating to the individual grants is available on the NHMRC website – nhmrc.gov.au

Contact: NHMRC Media Team (0422 008 512 or media@nhmrc.gov.au)

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GRANT HIGHLIGHTS

Associate Professor Peter Catcheside, Flinders University of South Australia

\$1,357,652

Good sleep is essential for normal daytime functioning and health. Wind farm noise includes audible and unusually low frequency sound components, including infrasound, which could potentially disturb sleep through chronic sleep disruption and/or insomnia. This project will, for the first time, directly evaluate the sleep and physiological disturbance characteristics of wind farm noise compared to traffic noise reproduced in a specialised and carefully controlled laboratory environment.

Professor Guy Marks, University of New South Wales

\$1,943,934

The human health impact of infrasound that comes from wind turbines has not been well researched. This project will assemble a team of researchers with a broad range of expertise to run a short term and longer term study to investigate whether exposure to infrasound causes health problems. The short term study will be laboratory-based and run for three one week periods. The longer term study will be community based and run for six months. Sleep quality, balance, mood, and cardiovascular health will all be measured.

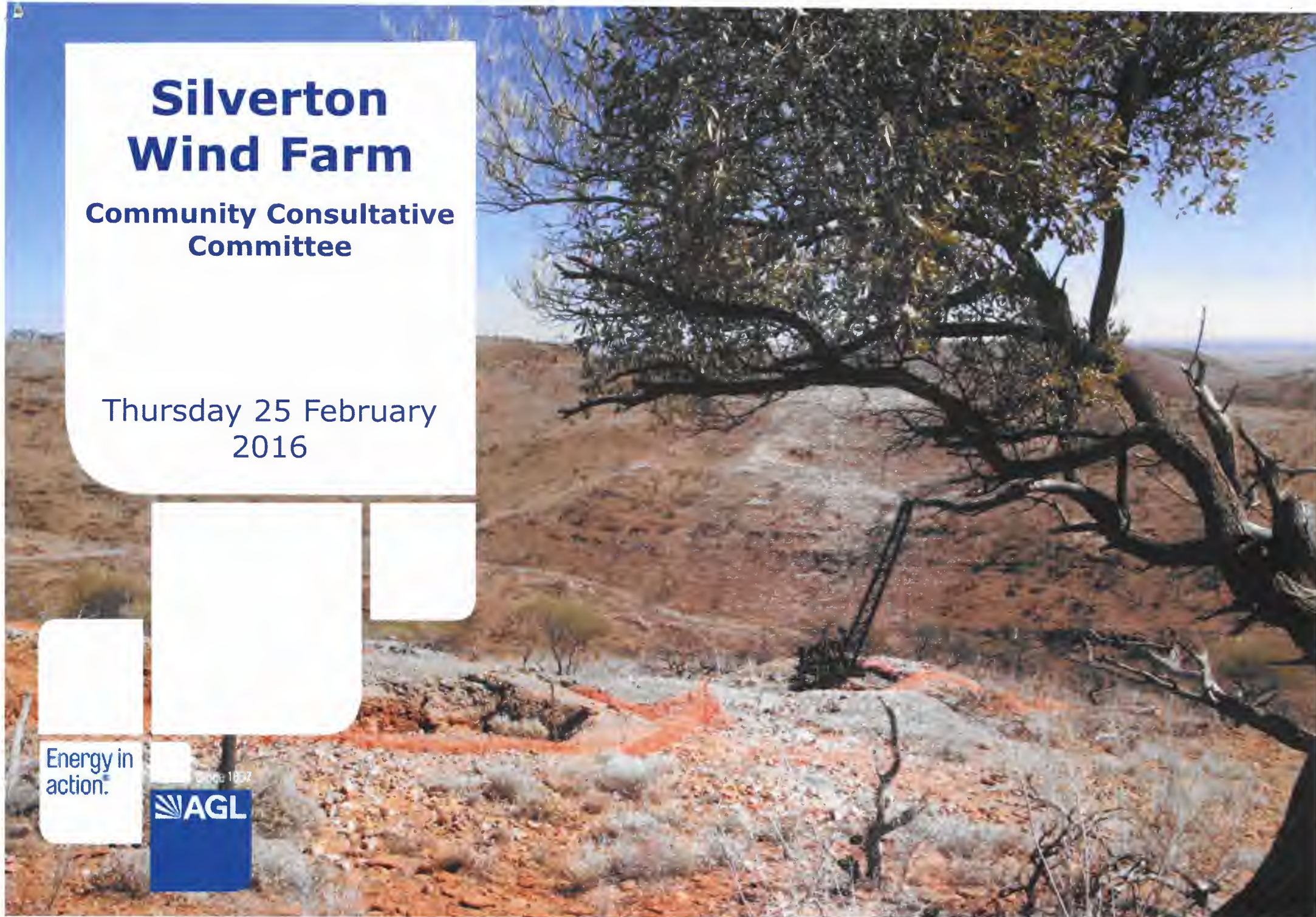
Silverton Wind Farm

Community Consultative
Committee

Thursday 25 February
2016

Energy in
action.

AGL



Agenda.

1. Welcome

Confirmation of July meeting minutes

Review previous meeting actions

2. Project status update

3. Other business

4. Next meeting and close



1. Review previous meeting actions.

	Action item	CCC Meeting	Status	Who
1	On behalf of CCC members, to remind media representatives about the protocols for interviewing and quoting CCC members when speaking to the media	October 2013	Ongoing	KE
5	AGL to send out hardcopies of the TMP when it becomes available	February 2014	Open	HO
6	Provide information on indigenous heritage survey work on the wind farm	February 2014	Open	NC
7	Continue contact and consultation with LALC	October 2014	Ongoing	HO
8	Follow up on the EPC tender submissions indigenous employment plans	October 2014	Open	NC
9	Draft letter from the CCC about the project and turbine setbacks to the Director General and the Minister for Planning	July 2015	Open	KE

2. Project status update, project manager changes.

- › As most of the development tasks are now complete, Adam Mackett will be the new project manager for Silverton Wind Farm
- › Adam has been with AGL for over seven years and project managed construction of Hallett wind farms and the Nyngan and Broken Hill solar power plants
- › Adam has been with AGL for over seven years and project managed construction of Hallett wind farms and the Nyngan and Broken Hill solar power plants

2. Project status update.

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- › Carry out hydrogeological survey on properties in March 2016
- › This hydrogeological survey work is 'work subject to the (current) project approval'
- › It is expected that this work will meet the requirements of the project approval
- › In addition to hydrogeological works, AGL is requesting a project extension
- › AGL has today submitted, a modification request (Modification 2) to the NSW Department of Planning and Environment, to extend the project approval by five years to 2021.

2. Project status update, next steps.

- Investigate Modification 3 to look at technical advances in turbine technology, water supply sourcing, etc.

2. AGL's Powering Australian Renewables Fund (PARF).

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- › AGL launched it's Powering Renewable Energy Fund
- › This fund aims to attract investors and to build up the fund to around \$3 billion from institutional investors to support 1,000 MW of mostly renewable energy power generation, including projects such as the Silverton Wind Farm
- › This fund is a big step forward and will provide AGL with more financial certainty around building renewable energy projects
- › The fund is to be established by mid 2016, with projects expected to commence in the following 12 to 24 months
- › Link below to short video explaining how the PARF works

<https://www.youtube.com/watch?v=MDsWxRvCiRk>

2. Project status update.

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STC and LGC prices since Jan 2012



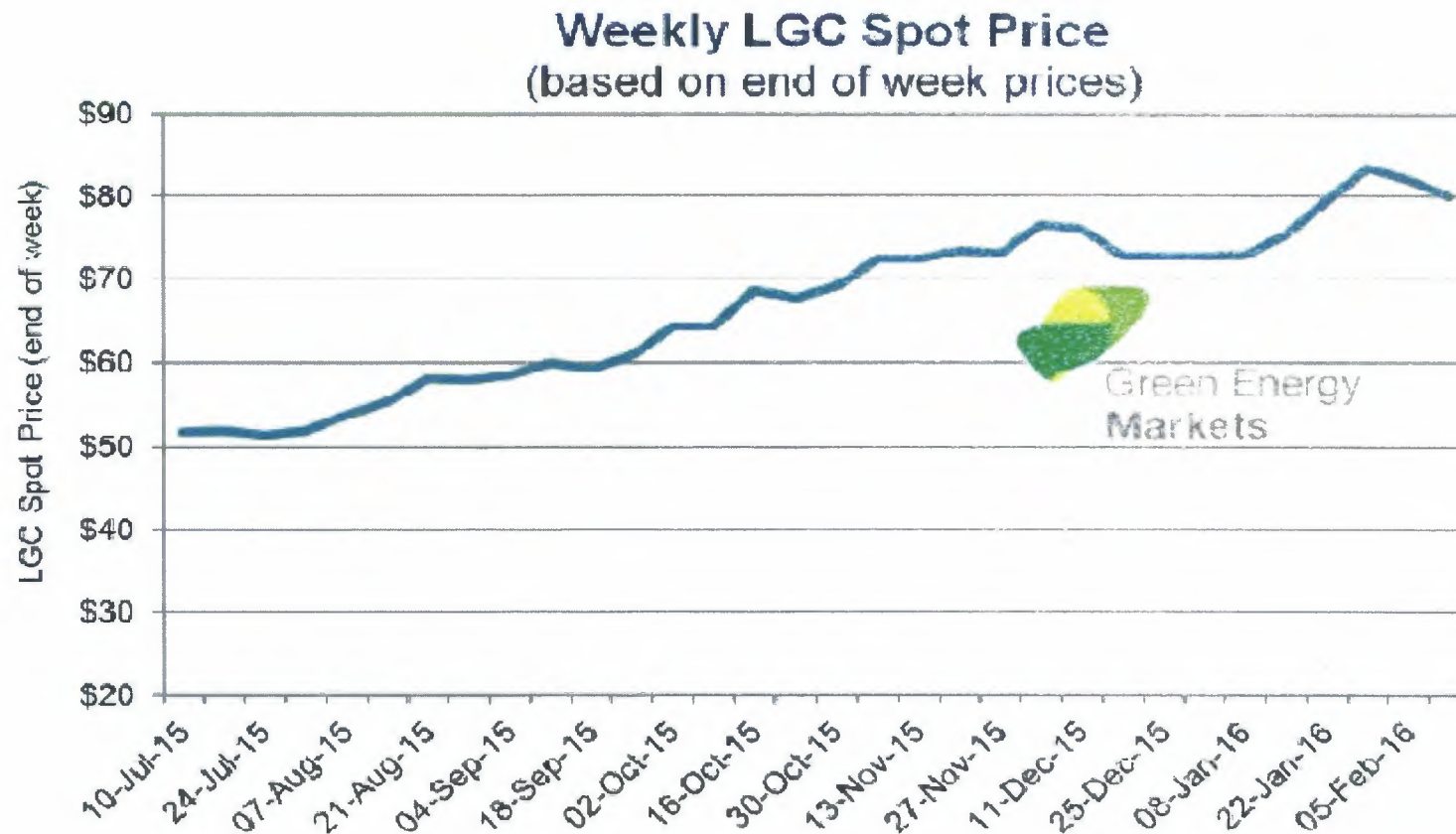
Wholesale spot prices at end of week



- STC prices stable over last 12 mths
- LGC prices extremely volatile (policy/politically driven)



Project status update.



Post RET review (June 2015)

2. Project status update, where we are at now.

Project stage	Progress	Activity examples
Development	Almost complete	Traffic management plan, hydrological survey, review requirements in Modification Permit 3
Engineering investigations	About to start	Assessing market conditions and developing business case (tender process) before presenting to the PARF for approval
Project approval - by the Powering Australia Renewable Energy Fund	Following stage above	
Construction	Depends on approval from the PARF	

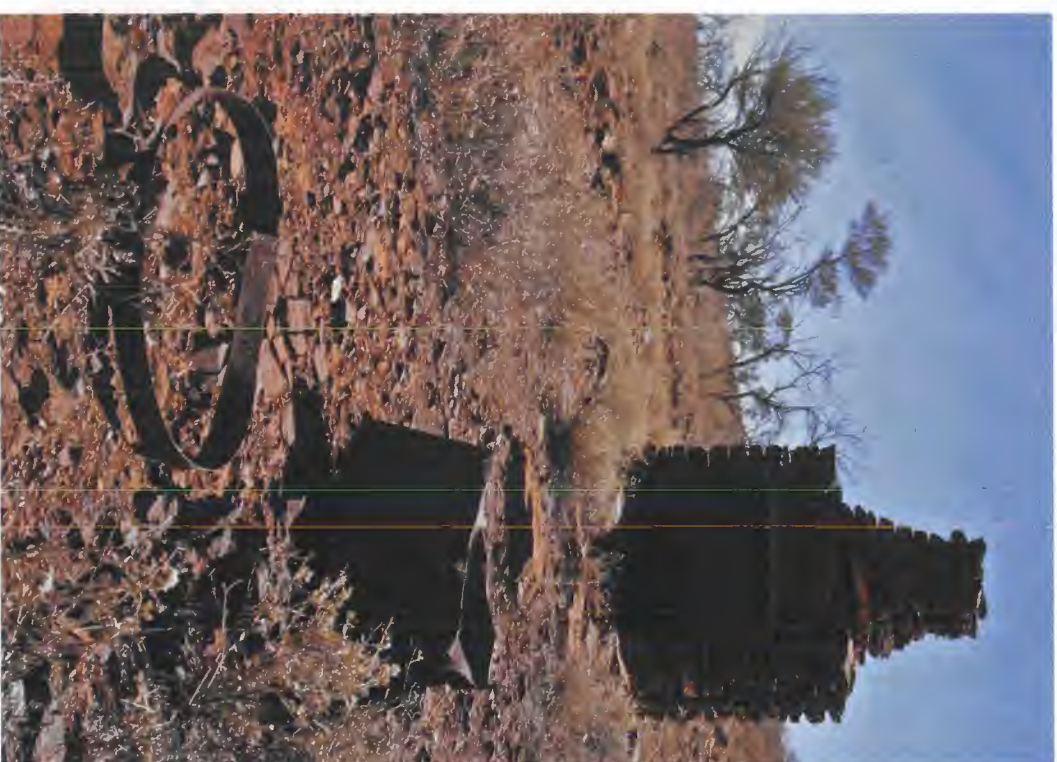
5. Other business.

- › Broken Hill Solar Plant Community Open Day – Sunday 10 April 2016
- › Questions from group and observers?



6. Next meeting and close.

- > Next meeting:
 - > Date
 - > Time
 - > Location



Project:	Silverton Wind Farm
Meeting No:	16
Date:	Thursday 25 December 2016
Venue and Time:	Silverton Youth Hall 6pm – 8pm
Document:	Meeting minutes and actions
Chair/Facilitator:	Kath Elliott (KE)
Minutes:	Helena (HO), AGL
AGL representatives:	Neil Cooke (NC) Manager, Project Management Office Helena Orel (HO) Community Stakeholder Engagement Manager Adam Mackett (AGM) Manager, Project Management Office
Committee Members	Helen Murray, local resident
	Cynthia Langford, Purnamoota Station
	John Taplin, Secretary Silverton Village Committee
	Phillip Blore, Belmont Station
	Albert Woodroffe, Silverton Committee, Horizon Galleries
	Peter Price Silverton Village Committee / Silverton Hotel
	Shaun Barker, Crown Lands
Guests	
Apologies	Steve Radford, Consolidated Mining and Civil
	Ray O'Donnell, Broken Hill Local Aboriginal Land Council
	Naomi Schmidt, Eldee Station
	Kevin White, Historic Daydream Mine
	Dave Gallagher, Councillor Broken Hill City Council
	Tatjana Zelenkova, Chamber of Commerce
	Cameron Koch, Silver City Minerals
	Rod Grenfell, local resident
Community observers in attendance:	Approximately 18

Meeting Minutes



Item	Action
<p>1. Welcome</p> <p>KE opened the meeting at 6.00pm and welcomed the group, members of the Silverton Community Consultative Committee, observers and media representatives. KE noted apologies, made introductions to Kathryn Lamond, AGL's Media Manager and Adam Mackett, AGL's Construction Manager. KE gave an overview of the agenda.</p> <p>KE noted that representatives from the media were present and reiterated that community members when speaking with the media were to only speak on their own behalf as previously agreed with the CCC group.</p> <p>There were apologies from CCC members:</p> <ul style="list-style-type: none"> - Naomi Shmidt - Kevin White - Ray O'Donnell - Steve Radford - Tatjana Zelenkova - Dave Gallagher - Cameron Koch <p>KE provided an overview of the agenda.</p> <p>The minutes from the July 2015 meeting were discussed. The minutes were accepted as correct.</p> <p>Action 9 regarding the Silverton Village Committee to write to the Minister for Planning and Environment has been ongoing for some time, however, it was agreed to keep the action on the list.</p>	
<p>1.New project manager</p> <p><i>Please see slide 4</i></p> <p>Adam Mackett introduced himself to the group as the new project manager for Silverton Wind Farm and noted his background in wind farm and the Broken Hill and Nyngan solar plant construction. AGM noted that his role would focus more on getting the project ready for construction. AGM explained that as most of the development tasks had been completed, Neil Cooke would be moving onto the AGL Coopers Gap Wind Farm Development Proposal in Queensland.</p>	

2. Project status

Please see slides 5 – 10

NC gave an overview of the project status and that the recent political, economic and environmental changes. Noting that now that the Renewable Energy Target is now in place after a long wait, the outcomes of the Paris climate summit, which has increased momentum in the renewables sector.

NC went through AGL's recently announced Powering Australian Renewables Fund (PARF) and how AGL was expecting that to be funding with AGL putting in \$200M and that AGL is seeking other investors to fund the \$2B – \$3B fund so that renewable energy projects can be funded. Of which, one of these could be the Silverton Wind Farm project, however there was still a lot to be considered before a decision to go to construction could be made.

Based on the PARF now being established and that renewable energy projects were looking more likely to be built NC explained that AGL was about to carry out hydrogeological testing on the wind farm site next week, and that this is likely to be considered construction work under the current planning permit. However, as a back up AGL had today also put in a modification request (Modification #2) to the Department of Planning and Environment to extend the project permit.

Q1. Are you looking for water with the hydrogeological work?

A1. NC answered that yes the hydrogeological drilling which will start on 15 March includes putting 10cm bores down to about 25 metres to assess the water conditions around the site.

Q2. Where is the water for the project going to come from?

A2. NC answered that not only will the modification request (Modification request 3) include increased rotor diameter, it will also require confirmation of ground water conditions and locations. The idea being to not disturb the ground water or have the concrete foundations affected by ground water.

AGM noted that one way to access water for construction which was done for the Hallett Wind Farm construction is to put down bores. This worked at Hallett.

General comments from the group were about the fact that Silverton and Broken Hill are on level 3 water restrictions and that the water situation for the area is only going to get worse. Members of the group reiterated that this very important for AGL to understand the water situation.

Q2. Is the project going to include Stages 1, 2 and 3 as per the original wind farm design?

A2. NC explained that the line capacity between Mildura and Broken Hill had changed and consequently, should the Silverton Wind Farm go to construction, it would be in the order of up to 200MW, therefore the Stage 2 and 3 would not be needed.

Q3. Where are the turbines closest to Silverton located?

A3. NC explained that as per the earlier turbine location discussions, the three closest turbines to Silverton are 4.6km, 5.6km, 5.8km, and that AGL is looking at technology changes in turbines and blade diameters. NC noted that AGL understands the community's position on turbine setbacks and is trying hard to make this possible. Past construction tenderers have been asked to find ways to accommodate the communities' requests on turbine setbacks.

Q4. Wouldn't technology improvements mean that blades should be smaller?

A4. AGM explained that bigger blades mean that the turbines would capture more wind, which could mean that there could possibly be less turbines required than expected. AGM said that bigger blades doesn't mean more wind farm noise is created.

Q5. How is siltation from the construction work be managed?

A5. AGM explained that there are methods in construction that manage and prevent siltation and soil movement. A Construction Environment Management Plan (CEMP) would detail this activity.

Q6. How will AGL prevent siltation of UMBERUMBERKA Reservoir? Will AGL put a bond in escrow for this should AGL create further issues for the already heavily silted up reservoir?

A6. AGM replied that he understood the siltation and had been to the reservoir and observed the problem. He experienced the issues of siltation at the Broken Hill solar plant when there was a deluge of rain and has experience in putting in place siltation mitigation measures.

AGM outlined that on the wind farm there would be a number of siltation mitigation measures including good engineering design, construction techniques, silt fences, rip rap(crushed basalt) as well as conversations with the landholders to get a comprehensive understanding of the way in which water behaves

Some group comments were made around the problem with government departments developing the approval documents don't actually talk to the local people to get their insights into local environmental conditions, so for example, they might not be fully aware of water conditions in extremely dry areas.

Q7. Will AGL guarantee that people won't get sick from wind farms?

A7. HO explained that to date there is no credible evidence (scientific or otherwise) that wind turbines create physical ailments. However, it has been shown that if people are particularly anxious about something, that this can manifest itself in physical ailments. HO noted there were some people who are neighbours of the AGL Macarthur Wind Farm who believe they are ill because of wind farms. However, these people have not been able to provide demonstrable evidence to support these claims. HO noted that Mr Gare from SA had said under parliamentary privilege that he was affected by the sound of wind turbines, however Mr Gare, as a turbine host has a good number of turbines on his property and had

AGM to provide more information on the project's Environmental Impact Statement and a summary of silt and erosion control.

HO to send the Macarthur Wind Farm infrasound monitoring report link.

signed an agreement to the effect that he understood that noise was generated by wind turbines and had in fact requested more turbines of AGL. HO noted that the National Health and Medical Research Committee is committed to carry out more medical research into wind turbines and that AGL supports this research.

Post meeting note:

AGM talked about the way turbine blades respond to wind and that the background wind noise would often exceed the turbine noise. AGM mentioned the infrasound study that AGL's independent acoustic consultants carried out for Macarthur Wind Farm, which could be shared with the Silverton community.

A CCC member commented that he wanted compensation for the Silverton community for the wind farm and would investigating ways to do this.

Note: Helen Murray tabled five questions. See questions tabled in the attached document and responses at the end of these minutes.

AGM presented graphs on the market and talked about changes in the economic environment which led to AGL's decision to set up the PARF.

Q8. How would this affect the construction of Silverton Wind Farm?

A8. AGM explained that the PARF aims to provide funds for renewable energy projects and that other external investors, perhaps two or three others would invest into the fund, as well as AGL using the Broken Hill and Nyngan Solar Plants as 'seed' money for the fund and the solar plants are not being sold, but are being used as equity in the fund. The PARF is an unlisted fund for major investors. AGM commented that the wind farm would be good for Silverton overall and something to be proud of with the region potentially becoming a renewable energy hub with the solar plants and wind farm in place.

Q9. Will the government funding component of the solar plants also go into the PARF?

A9. AGM responded that this funding would be separated out that AGL's money would be used as the seed money.

There was disagreement from one or two members of the group on the wind farm being good for Silverton overall. One said as a farmer he would not benefit compared to business operators in Silverton.

KE advised that there was a social impact statement for the wind farm and this would provide more information on the benefits and impacts of the project. NC noted this had been updated in 2014. KE suggested there could be further discussion about the economic and social benefits at the next meeting.

HO and AGM discussed the community fund which becomes available during construction and operations. HO noted organisations and groups around Australia, including Broken Hill benefiting from AGL's community funds such as schools, Lifeline, day care centres, sporting groups, organisations for people with disabilities and many others.

Q10. Will the Silverton Wind Farm community fund be available only to Silverton Village projects?

A10. KE said that at previous meetings this had been discussed and that the Silverton community would be able to determine how the fund would operate.

HO noted that is probably time to review the draft community fund guidelines for Silverton, now that there is more progress on the project.

It was suggested that this could be done at the next CCC meeting.

HO to send the group a link to the Social Impact Statement.

<p>Q11. Is it possible to review the CCC membership as some people who are down as members are not attending and are not putting in apologies.</p> <p>A11. HO said now is likely to be a good time due to the progress of the project to review membership.</p> <p>Q 12 Now that AGL has asked for an extension, where does the project go from here?</p> <p>A12. NC advised that the Department of Planning and Environment would review the application in light of the hydrogeological investigation work about to get underway.</p> <p>Q13. Does the Department ever knock back requests for extensions and permits?</p> <p>A13. NC advised that does happen from time to time.</p> <p>Q14. Will the extension be open to public consultation?</p> <p>A14. AGM advised he wasn't sure.</p> <p><i>Post meeting note:</i></p> <p>HO advised the Silverton CCC group that the project extension request is open to public comment and emailed the link to the Department of Planning and Environment. In addition 35 copies of the document was mailed by Express Post to a CCC member so she could distribute to any community members who don't have access to a computer.</p> <p>The Department of Planing and Environment also agreed to accept submissions from community members until COB Thursday 24 March 2016.</p>	<p>HO to add CCC membership renewals to next CCC meeting agenda.</p> <p>HO to check on public consultation availability of the project extension request.</p>
<p>3. Other business</p> <p>No other business was raised</p>	
<p>4. Next meeting and close</p> <p>There was discussion amongst the group about the next meeting date, it was then agreed to meet 14 April or at another date to be agreed with the CCC.</p> <p>The next meeting will be held on Thursday, 28 April 2016 from 6pm to 8pm at the Silverton Youth Hall.</p> <p>Meeting closed at 7.45pm</p>	

Action Item	CCC meeting	Status	Who
Speak to the media on behalf of the members before CCC meetings on the protocols of interviewing and quoting members in articles.	October 2013	Ongoing	KE
Send out hard copies of TMP once it has been uploaded on the website.	March 2014	Open	HO
Draft letter from the CCC to the Director-General	October 2014	Open	KE
Provide information on indigenous heritage survey work on the wind farm	October 2014	Open	NC
Follow up on the EPC tender submissions indigenous employment plans	October 2014	Open	HO
Draft letter from the CCC about the project and turbine setbacks to the Director General and the Minister for Planning	July 2015	Open	KE

**AGL responses to questions tabled by Helen Murray at Silverton Wind Farm
Community Consultative Committee Thursday 25 February 2016**

Author:

Helena Orel

Community Stakeholder Engagement Manager

Question 1

AGL's environmental management controls will ensure that the Umberumberka Reservoir is not contaminated during construction

Question 2

AGL has regularly distributed letters either via CCC members or by AGL representatives, to Silverton residents informing the occupants of the upcoming CCC meetings and inviting them to attend as observers.

Question 3

AGL has no knowledge of any involvement of NSW ministers Ian McDonald and Tony Kelley in the Silverton Wind Farm.

Question 5

The health and wellbeing of the communities in which AGL operates remains a priority for AGL.

In February 2014, Australia's medical and scientific research body, the National Health and Medical Research Council, published a study titled *Evidence on Wind Farms and Human Health* which concludes "there is no reliable or consistent evidence that proximity to wind farms or wind farm noise directly causes health effects." The Australian Medical Association has concluded that "The infrasound and low-frequency sound generated by modern wind farms in Australia is well below the level where known health effects occur."

The Victorian Department of Health have also released a report on wind turbines and infrasound, which found no evidence to support claims of illness caused by wind farms. The South Australian Environmental Protection Agency has also

released a report on wind turbines and infrasound which also found no evidence to support claims of illness caused by wind turbines.

To ensure compliance with the noise permit and to ensure the comfort of our workers, neighbours and communities, we have carried out extensive noise monitoring at various locations around the largest wind farm in the southern hemisphere - Macarthur Wind Farm, in south west Victoria. Over 40,000 hours of data has been captured.

Independent infrasound monitoring at Macarthur Wind Farm also confirms that there has been no change in infrasound levels from before the turbines started to current operations today.

The National Health and Medical Research Council has recently awarded further funding for research into wind farms and health. AGL supports this research.

Statement request – CCC meeting frequency

The CCC meeting timing and frequency has always been determined in consultation with CCC members throughout the Silverton Wind Farm's consultation process. AGL will continue to work collaboratively with the CCC group and will hold meetings as frequently as requested by the CCC group majority.



Annette Holtham

From: Helena Orel
Sent: Sunday, 20 March 2016 8:26 AM
To: Helen
Subject: RE: Update: Submissions can be made through to 24 March 2016 FW: AGL: Update on Silverton Wind Farm modification application submission.

Hi Helen

Thanks for the update. I understand that Express Post is not guaranteed overnight to many, many areas in Australia now. It is the times we live in.

However, thank you very much for your efforts to help your community. Please let me know which particular addresses in Silverton do not have access to computers and I would be more than happy to arrange for a drop a letter off at those properties.

Kind regards

Helena

From: Helen [mailto:helbar19@bigpond.com]
Sent: Friday, 18 March 2016 10:49 AM
To: Helena Orel <HOrel@agl.com.au>
Subject: RE: Update: Submissions can be made through to 24 March 2016 FW: AGL: Update on Silverton Wind Farm modification application submission.

Hello Helena,

I have just sent an update of this email to everyone, which you will also receive. As pointed out in the group email, the post office staff informed me that there is no guaranteed overnight Express Post to Broken Hill anymore and we will be lucky if the documents arrive today. I will check again today. As stated in my previous email, I will do what I can to help those residents without computer access to lodge a submission if they desire, but I am truly disappointed in this whole situation.

In the last few years, members of AGL staff have come to Broken Hill for the St Pat's races and recovery day at Silverton. If yourself or any other AGL staff members are to be here this year, it would be appreciated if you / they could pick up the hard copies of the extension request documents and deliver them, as should have been done in the first place, to each household / business in Silverton. This is Silverton's busiest weekend on the tourism calendar and this situation is not giving people adequate opportunity to lodge submissions.

Regards

Helena Murray

From: Helena Orel [mailto:HOrel@agl.com.au]
Sent: Tuesday, 15 March 2016 5:23 PM
To: 'purnamoota@optusnet.com.au'; 'helbar19@bigpond.com'; 'silvertonhotel@bigpond.com'; 'daydreammine@greancom.com.au'; 'johntaplin5@bigpond.com'; 'judithblore@westnet.com.au'; 'artspace@bigpond.com'; 'Cameron.Koch@silvercityminerals.com.au'; 'waterrats66@bigpond.com'; 'council@brokenhill.nsw.gov.au'; 'execofficer@bhchamberofcommerce.com.au'; 'eldeestation@bigpond.com'; 'tiff.brown@lands.nsw.gov.au'; 'steve@conmc.net.au'; 'ray_bhlalc@iinet.net.au'; 'andrew.bell@lands.nsw.gov.au'; 'evol.grenfell@gmail.com'; 'greglawrence09@hotmail.com'; 'laweng@bigpond.com'; 'judithblore@westnet.com.au'; 'jablore19@bigpond.com'; shaun.barker@crowland.nsw.gov.au

Cc: kath@kathelliott.com.au; Adam Mackett; Neil Cooke

Subject: Update: Submissions can be made through to 24 March 2016 FW: AGL: Update on Silverton Wind Farm modification application submission.

Hello everyone

Due to it being brought to our attention that some members of the Silverton community don't have access to computers, therefore they possibly might not be aware that AGL has made a project modification extension request, the Department of Planning and Environment today confirmed that submissions on the extension request can be made through to COB Thursday 24 March 2016.

For your information I've attached a copy of the modification request application that AGL put forward and AGL's declaration of political donations disclosure statement as well, which is part of the submission requirements.

I have mailed via Express Post 30 copies of the same attachments to Helen Murray, should anyone wish to collect a hard copy.

The minutes from the February CCC will follow shortly.

Kind regards

Helena Orel

Community Stakeholder Engagement Manager
Stakeholder Relations

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T: 02 9921 2306

E: horel@agl.com.au



From: Helena Orel

Sent: Monday, 7 March 2016 6:01 PM

To: 'purnamoota@optusnet.com.au' <purnamoota@optusnet.com.au>;
'helbar19@bigpond.com' <helbar19@bigpond.com>;
'silvertonhotel@bigpond.com' <silvertonhotel@bigpond.com>;
'daydreammine@greancom.com.au' <daydreammine@greancom.com.au>;
'johntaplin5@bigpond.com' <johntaplin5@bigpond.com>;
'judithblore@westnet.com.au' <judithblore@westnet.com.au>;
'artspace@bigpond.com' <artspace@bigpond.com>;
'Cameron.Koch@silvercityminerals.com.au'
<Cameron.Koch@silvercityminerals.com.au>;

'waterrats66@bigpond.com' <waterrats66@bigpond.com>; 'council@brokenhill.nsw.gov.au'
<council@brokenhill.nsw.gov.au>; 'execofficer@bhchamberofcommerce.com.au'
<execofficer@bhchamberofcommerce.com.au>; 'eldeestation@bigpond.com' <eldeestation@bigpond.com>;
'tiff.brown@lands.nsw.gov.au' <tiff.brown@lands.nsw.gov.au>; 'steve@conmc.net.au' <steve@conmc.net.au>;
'ray_bhlalc@iinet.net.au' <ray_bhlalc@iinet.net.au>; 'andrew.bell@lands.nsw.gov.au'
<andrew.bell@lands.nsw.gov.au>; 'evol.grenfell@gmail.com' <evol.grenfell@gmail.com>;
'greglawrence09@hotmail.com' <greglawrence09@hotmail.com>; 'laweng@bigpond.com'
<laweng@bigpond.com>; 'judithblore@westnet.com.au' <judithblore@westnet.com.au>; 'jablore19@bigpond.com'
<jablore19@bigpond.com>; 'shaun.barker@crowland.nsw.gov.au' <shaun.barker@crowland.nsw.gov.au>

Cc: Adam Mackett <AMackett@agl.com.au>

Subject: AGL: Update on Silverton Wind Farm modification application submission

Dear community

For your information, the modification application for the Silverton Wind Farm Modification 2 is now on public exhibition until Friday 18 March 2016.

If you would like to view the application or make a submission, you can find the application on the Department of Planning website www.majorprojects.planning.nsw.gov.au

Kind regards

Helena Orel

Community Stakeholder Engagement Manager
Stakeholder Relations

M: 0419 705 798

T: 02 9921 2306

E: horel@agl.com.au



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and may contain information that is confidential or privileged.
If you receive this email in error please notify the sender and
delete the email immediately.

Annette Holtham

From: Helena Orel
Sent: Tuesday, 15 March 2016 5:53 PM
To: 'purnamoota@optusnet.com.au'; 'helbar19@bigpond.com'; 'silvertonhotel@bigpond.com'; 'daydreammine@greanco.com.au'; 'johntaplin5@bigpond.com'; 'judithblore@westnet.com.au'; 'artspace@bigpond.com'; 'Cameron.Koch@silvercityminerals.com.au'; 'waterrats66@bigpond.com'; 'council@brokenhill.nsw.gov.au'; 'execofficer@bhchamberofcommerce.com.au'; 'eldeestation@bigpond.com'; 'tiff.brown@lands.nsw.gov.au'; 'steve@conmc.net.au'; 'ray_bhlalc@inet.net.au'; 'andrew.bell@lands.nsw.gov.au'; 'evol.grenfell@gmail.com'; 'greglawrence09@hotmail.com'; 'laweng@bigpond.com'; 'judithblore@westnet.com.au'; 'jablore19@bigpond.com'; shaun.barker@crowland.nsw.gov.au
Cc: kath@kathelliott.com.au; Adam Mackett; Neil Cooke
Subject: Update: Submissions can be made through to 24 March 2016 FW: AGL: Update on Silverton Wind Farm modification application submission.
Attachments: 2016Feb25 - Silverton WF Mod 2_FINAL.PDF; Silverton political donations disclosure statement_signed_FINAL.PDF

Hello everyone

Due to it being brought to our attention that some members of the Silverton community don't have access to computers, therefore they possibly might not be aware that AGL has made a project modification extension request, the Department of Planning and Environment today confirmed that submissions on the extension request can be made through to COB Thursday 24 March 2016.

For your information I've attached a copy of the modification request application that AGL put forward and AGL's declaration of political donations disclosure statement as well, which is part of the submission requirements.

I have mailed via Express Post 30 copies of the same attachments to Helen Murray, should anyone wish to collect a hard copy.

The minutes from the February CCC will follow shortly.

Kind regards

Helena Orel

Community Stakeholder Engagement Manager
Stakeholder Relations

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From: Helena Orel

Sent: Monday, 7 March 2016 6:01 PM

To: 'purnamoota@optusnet.com.au' <purnamoota@optusnet.com.au>; 'helbar19@bigpond.com' <helbar19@bigpond.com>; 'silvertonhotel@bigpond.com' <silvertonhotel@bigpond.com>; 'daydreammine@greanco.com.au' <daydreammine@greanco.com.au>; 'johntaplin5@bigpond.com' <johntaplin5@bigpond.com>; 'judithblore@westnet.com.au' <judithblore@westnet.com.au>; 'artspace@bigpond.com' <artspace@bigpond.com>; 'Cameron.Koch@silvercityminerals.com.au' <Cameron.Koch@silvercityminerals.com.au>;

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<andrew.bell@lands.nsw.gov.au>; 'evol.grenfell@gmail.com' <evol.grenfell@gmail.com>;
'greglawrence09@hotmail.com' <greglawrence09@hotmail.com>; 'laweng@bigpond.com'
<laweng@bigpond.com>; 'judithblore@westnet.com.au' <judithblore@westnet.com.au>; 'jablore19@bigpond.com'
<jablore19@bigpond.com>; 'shaun.barker@crowland.nsw.gov.au' <shaun.barker@crowland.nsw.gov.au>
Cc: Adam Mackett <AMackett@agl.com.au>

Subject: AGL: Update on Silverton Wind Farm modification application submission

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Sent: Monday, 7 March 2016 6:01 PM
To: 'purnamoota@optusnet.com.au'; 'helbar19@bigpond.com';
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shaun.barker@crownland.nsw.gov.au
Cc: Adam Mackett
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Project:	Silverton Wind Farm
Meeting No:	15
Date:	Thursday 2 July 2015
Venue and Time:	Silverton Youth Hall 6pm – 7pm
Document:	Meeting minutes and actions
Chair/Facilitator:	Kath Elliott (KE)
Minutes:	Helena Orel (HO), AGL
AGL representatives:	Neil Cooke (NC) Manager, Power Development Helena Orel (HO) Community Stakeholder Engagement Manager
Committee Members	Helen Murray, local resident
	Cynthia Langford, Purnamoota Station
	John Taplin, Secretary Silverton Village Committee
	Phillip Blore, Belmont Station
	Marion Browne, Councillor Broken Hill City Council
	Albert Woodroffe, Silverton Committee, Horizon Galleries
Guests	
Apologies	Steve Radford, Consolidated Mining and Civil
	Ray O'Donnell, Broken Hill Local Aboriginal Land Council
	Naomi Schmidt, Eldee Station
	Kevin White, Historic Daydream Mine
	Peter Price, Silverton Committee/ Silverton Hotel
	Rod Grenfell, local resident
	Tatjana Zelenkova, Chamber of Commerce
	Tiff Brown, Department of Primary Industries, Catchments & Lands
	Dave Gallagher, Councillor Broken Hill City Council
	Cameron Koch, Silver City Minerals
	Rod Grenfell, local resident
Community observers in attendance:	One

Item	Action
<p>1. Welcome</p> <p>Kath Elliott (KE) opened the meeting at 6:00pm and welcomed members of the Silverton Community Consultative Committee (SCCC), observers in attendance.</p> <p>KE noted the following apologies from CCC members:</p> <ul style="list-style-type: none"> - Naomi Shmidt - Ray O'Donnell - Steve Radford - Peter Price - Tatjana Zelenkova - Tiff Brown - Dave Gallagher - Cameron Koch - Rod Grenfell <p>KE provided an overview of the agenda.</p> <p>The minutes from the 23rd October 2014 meeting were discussed. The minutes were accepted as correct.</p> <p>Q1. HM asked that should the CCC make any submissions to the Director General and the Minister for Planning, would AGL be included in that submission, as AGL are part of the CCC, noting that AGL also has a vested interest in the development?</p> <p>A1. HO responded that as AGL is the proponent, that AGL wouldn't contribute to the submission.</p> <p>Q2. Are the project tenders now out of date due to the ongoing delays and the time it's taking to reach a conclusion in going ahead with the project?</p> <p>A2. NC responded that yes as they were documents with dates, they are out of date and relevant documents would need to be resubmitted.</p>	
<p>2. Actions from previous meetings</p> <p>Action 1: Remind media representatives present about protocols for interviewing and quoting CCC members</p> <p>This action did not apply at this meeting as there were no media representatives present.</p> <p>Action 5: AGL to send out hardcopies of the TMP when it becomes available.</p> <p>TMP was distributed at the last meeting and is on AGL's website.</p> <p>Action 6: NC to provide information on indigenous heritage survey work on the wind farm.</p> <p>Action 7: AGL to continue contact and consultation with BH LALC</p> <p>HO has been meeting with and continuing communication with, and liaising with the LALC.</p> <p>Action 8: Follow up on the EPC tender submissions indigenous employment plans.</p> <p>Action 9: Draft letter from the CCC about the project and turbine setbacks to the Director-General and Minister for Planning.</p>	<p>Ongoing</p> <p>Closed</p> <p>NC Open</p> <p>HO Ongoing</p> <p>NC Open</p> <p>KE Open</p>

2. Project status update

Neil Cooke (NC) provided an overview of the project status.

Please refer to presentation slides 4 - 5

NC explained the recent developments with the Renewable Energy Target (RET) being revised down from 41,000 gigawatt hours to 33,000 gigawatt hours by 2020.

Neil noted that there are many elements for AGL to consider before it can make a final decision on the Silverton wind farm development proposal, including: legislation for the new RET which was passed on 23 June 2015. AGL is now reviewing the impact of the new RET, the oversupply of electricity in the National Electricity Market, and large scale renewable certificate value and AGL's portfolio position.

Q2. Will 33,000 gigawatts be enough for the wind farm to go ahead?

A2. NC answered that AGL still doesn't know enough yet about how the new RET will affect the project decision and that AGL will continue to review its position on this.

NC reiterated that there are number of steps for AGL to go through, so that it can make a decision on the project. One of which includes reviewing its project strategy and that is likely to be under consideration to the end of 2015.

Q3. How does the new RET affect power plants?

A3. NC noted that three coal fired power plants have recently closed down or have announced they are about to close down, but it's still not clear what effect this has on energy supply / demand and renewable energy projects.

NC talked about two wind farm projects that had just announced they would go ahead through to construction, now that the RET had been finalised.

There was extensive and vigorous group discussion about the project's ongoing delays. The committee reiterated their ongoing frustration and disappointment caused by how long it is taking AGL to make a decision on the project and the apparent lack of consideration by AGL's decision makers about the community; and the impact this project is having on them.

A4. Will we get an answer either way by the end of the year if the project is going ahead or not?

Q4. NC advised that the expectation is that there will be an answer by the end of 2015.

Q5. Will AGL be applying for a project extension as the second extension is due to expire 16 May 2016?

A5. NC advised there are no plans to apply for a project extension.

2. Select Senate Inquiry Into Wind Turbines

Please refer to presentation slide 6

HO gave an overview of the outcomes of the recent senate inquiry into wind turbines and their regulatory governance as well as economic impacts.

AGL participated in the inquiry and made a submission and senior management presented at a public hearing in Canberra. Two interim reports were released, one of which was a dissenting report. The key points included 11 recommendations. The interim report can be viewed at:

http://www.aph.gov.au/Parliamentary_Business/Committees/Senate/Wind_Turbines/Wind_Turbines/Interim_Report

At the same time the interim report was released, Greg Hunt Minister for Environment wrote to government and crossbenchers, in an effort to get the revised RET passed. Minister Hunt committed to:

- Responding to the findings of the select committee
- Advancing the science of wind farm monitoring
- Establishing a wind farm commissioner/ombudsman to resolve complaints
- Publishing on the commissioner's website wind farm locations, approvals, large scale generation certificate data and operational information.

Post meeting note: a final report has now been released from the Senate Inquiry. The final 11 recommendations from the inquiry are on page 15 (XV).

http://www.aph.gov.au/Parliamentary_Business/Committees/Senate/Wind_Turbines/Wind_Turbines/Final_Report

3. AGL's green house gas policy, Neil Cooke

Please refer to presentation slide 8

NC gave an overview on AGL's greenhouse gas policy which had recently been announced by Andy Vesey, AGL's new CEO. Key points included:

- AGL will continue to provide the market with safe, reliable, affordable and sustainable energy options
- AGL will not build, finance or acquire new conventional coal-fired power stations in Australia (i.e. without carbon capture storage)
- AGL will not extend the operating life of any of its existing coal-fired power stations
- By 2050, AGL will close all existing coal-fired power stations in its portfolio
- AGL will improve the greenhouse gas efficiency of our operations, and those in which we have an influence
- AGL will continue to invest in new renewable and near-zero emission technologies

<ul style="list-style-type: none"> • AGL will make available innovative and cost-effective solutions for our customers such as distributed renewable generation, battery storage, and demand management solutions • AGL will incorporate a forecast of future carbon pricing into all generation capital expenditure decisions • AGL will continue to be an advocate for effective long-term government policy to reduce Australia's emissions in a manner that is consistent with the long-term interests of consumers and investors. <p>Comments</p> <p>Q6. How will shutting down coal fired power plants affect jobs, as there aren't many jobs generated by renewable energy?</p> <p>A6. HO discussed that renewable energy projects do create a lot of jobs in the construction stage, but tend to create less jobs for their operating stage.</p>	
<p>4. Other business</p> <p>No other business was raised</p>	
<p>5. Next meeting and close</p> <p>The group agreed to meet at the end of 2015 (between 6pm-8pm) as it is expected that AGL will have an outcome on the project decision. It was agreed that this could be in December, despite it being close to Christmas. Alternatively the next meeting could be early in 2016.</p> <p>Meeting closed at 7.30pm</p>	

Action Item	CCC meeting	Status	Who
Speak to the media on behalf of the members before CCC meetings on the protocols of interviewing and quoting members in articles.	October 2013	Ongoing	KE
Provide contact details of the Director General and Minister for Planning for PP for the Silverton Village Committee to write about the project and turbine setbacks on behalf of the village.	March 2014	Closed	HO
Draft letter from the CCC about the project and turbine setbacks to the Director-General and Minister for Planning.	October 2014	Open	KE
Provide information on indigenous heritage survey work on the wind farm.	October 2014	Open	NC
Continue contact and consultation with LALC.	October 2014	Closed	HO
Follow up on the EPC tender submissions indigenous employment plans	October 2014	Open	NC

**Silverton Wind Farm Community Consultative Committee
Meeting 16**

Thursday, 25 February 2016: 6pm – 7.15pm

Silverton Youth Hall, Silverton

Agenda

Time	Item	Who
6:00 pm	1. Welcome <ul style="list-style-type: none">- Overview of meeting agenda- Welcome guests- Confirmation of meeting minutes- Review actions from previous meeting	Kath Elliott, Facilitator
6.15pm	2. Project status update <ul style="list-style-type: none">- Introduce new project manager- Project extension- Next steps	Neil Cooke, AGL Project Manager
7.00pm	3. Other business	Kath Elliott, Facilitator
7.15pm	4. Next meeting and close	All

Annette Holtham

From: Helena Orel
Sent: Friday, 29 January 2016 1:36 PM
To: 'purnamoota@optusnet.com.au'; 'helbar19@bigpond.com';
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'judithblore@westnet.com.au'; 'jablore19@bigpond.com'
Cc: Neil Cooke; kath@kathelliott.com.au; Adam Mackett
Subject: Silverton Wind Farm CCC meeting - Thursday 25 February 2016
Attachments: 150702 - SCCC Meeting Minutes July 2015 FINAL.PDF; 20160225 - SCCC Meeting Agenda February 2016 FINAL.PDF

Dear community

I hope you had an enjoyable Christmas and new year break.

Further to our CCC discussion last July, we would like to hold our first CCC for 2016 on Thursday 25 February to provide a project update. The meeting will be at the Silverton Youth Hall from 6pm – 7.15pm.

Looking forward to seeing you all in February.

Kind regards

Helena Orel

Community Stakeholder Engagement Manager
Stakeholder Relations

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