

# Chapter 5: Community Consultation and Project Evolution

**Community Consultation and Project Evolution**

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## 5. Community Consultation and Project Evolution

This chapter discusses the evolutionary process of the proposed Keyneton Wind Farm's turbine layout with respect to community's feedback, agency consultation and environmental/ cultural factors. Pacific Hydro has attempted to keep the community informed of the proposal since 2009 and has used various methods to communicate with the local community, including placing advertisements in local media, letter mail outs, wind farm site visits, community information sessions, information stands, brochures and fact sheets. The proposed Keyneton wind farm has been reduced from a maximum of 60 turbines to 42 as a direct result of community consultation and environmental/ cultural considerations.

### 5.1 2009 – 60 Turbine Layout

In mid 2009, Pacific Hydro prepared a preliminary layout comprising a total of 60 turbines, with 31 turbines sited in the northern section, five in the mid section and 24 turbines in the southern section (See Figure 5.1). This layout was designed based on the site's wind resource and with reference to the site's topography and neighbouring dwellings. Critically it also provided the basis for Pacific Hydro's initial consultation with the community and for more detailed investigations of the site by independent specialist consultants.

This layout was used during the initial consultation on the project. Consultation commenced in mid 2009 with a series of meetings with and briefings to Mid Murray and Barossa Councils and presentations to a number of other local groups including the Murray Darling Basin Natural Resources Management Board, Eastern Hills and Murray Plains Catchment Group Inc., Murraylands Regional Development Board, Mid Murray Local Action Planning Group and the Murraylands Tourism and Marketing Committee.

In early July Pacific Hydro wrote to neighbours providing them with information about the project (generally within 2km of proposed turbines) and offering to meet and/or provide more information about the project as required. On 22 July 2009, the proposed project was reported on the front page of the local Barossa Leader newspaper.

The first meeting with occupants of Keyneton Estate Road took place on 22nd July 2009. During this meeting Pacific Hydro introduced the attendees to the project and undertook to continue the consultation process and keep them informed of progress. Following this, and at their request, Pacific Hydro visited a number of resident's properties to discuss particular aspects of the project.

Where requested, neighbours were provided with wirelines<sup>1</sup> and photomontages to allow them a greater understanding of the potential visual impact at their residences. A site visit to Pacific Hydro's Challicum Hills Wind Farm in Victoria was also arranged for one of the closest families to the site.

Whilst the project was still in its preliminary development phase, this early consultation phase was valuable and influenced project design. Concern was expressed by some of the closest neighbours to the project about the potential visual and noise impacts on neighbouring properties. At that stage, dwellings along Keyneton Estate Road were the closest to the proposal, with an approximate separation of 1,000m from the closest turbine location to the closest dwelling. The potential impact on an equine breeding and training facility / business at this same property was also raised.

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<sup>1</sup> Bare ground virtual representation of the wind farm depicting the maximum number of turbines visible at a particular spot.

As a direct result of this initial feedback, Pacific Hydro determined to review the proposed layout prior to the various detailed on-site environmental assessments. In acknowledgment of the concern of these neighbours regarding potential or perceived amenity impacts, turbines were removed from the central part of the site closest to Keyneton Estate Road. Three (3) turbines in the mid section were deleted from the project and two (2) others relocated, reducing the overall maximum number of turbines from 60 to 57.

## **5.2 2010 – 57 Turbine Layout**

In late 2010, Pacific Hydro re-commenced contact with the neighbours that had been consulted in 2009. Contact, primarily by phone in the first instance, was also made with other surrounding residents. Whilst consultation was not limited by any particular distance, particular focus was also given at this stage to contacting residents within 2.5km of proposed turbines where there had been no prior contact or liaison. Wherever requested, regardless of their distance from turbines, Pacific Hydro visited neighbours to discuss a reduction in turbine numbers, layout changes and project more generally.

The 57 turbine layout was released in March 2011 comprising 31 turbines in the north and 26 in the south. In addition to the community feedback, the results of initial flora and fauna surveys, which had been undertaken in 2008-2009 also influenced this layout through the implementation of design measures to minimise impacts on remnant native vegetation and to adopt buffers around identified Wedge-tailed Eagle (WTE) nests. At this stage 300 metre buffers, as recommended by the independent ecologists - EBS Ecology, were adopted around WTE nests.

At the point of releasing the 57 turbine layout, Pine Hut Road was being considered for over-dimensional vehicle access to the site's southern half from Cambrai to the east of the site. Whilst its use may be technically feasible, concern was expressed by residents about the potential environmental impacts. This route was subsequently rejected (prior to the initial community consultation sessions discussed below) due to the number of large mature eucalyptus trees adjacent to the roadside, creek crossings (with short steep grades) and the close presence of stone walls.

Consultation continued from December 2010 throughout 2011 (and is on-going at mid 2012 at the point of lodging the application). This has included several repeat discussions with residents, on-going correspondence and a number of meetings. In addition, a series of community consultation sessions (See Section 5.3 below) have been held. These were widely advertised in advance and conducted in June and September 2011. These sessions were well attended and from these, a larger number of people were added to Pacific Hydro's contact list to receive any project updates. The project contact list has been updated throughout all consultation and was also utilised for invitation to the Clements Gap bus tour and 2012 information sessions.

## **5.3 Community Consultation**

### **5.3.1 Community Consultation Sessions**

Public consultation sessions were held at the Keyneton Institute Hall (21 June 2011), Cambrai Institute Hall (22 June 2011) and Eden Valley Institute Hall (13 September 2011). The aim of these sessions was to provide the local community with an opportunity to view information about the proposed wind farm, ask questions of Pacific Hydro staff, make suggestions and raise any concerns they may have.

The Keyneton and Cambrai sessions were advertised as follows:

- ¼ page colour advertisement, in *Barossa Leader* and *Barossa and Light Herald* for 3 weeks / editions prior (Attachment 5.1)
- Mail-out invite to all property owners within 5km radius of proposed turbines (contact addresses provided by Mid Murray and Barossa Councils)
- Mail out invite to all Mid Murray and Barossa Councillors
- Mail out invite to various local and regional environmental and community groups
- Advertisements in Keyneton Primary School and Cambrai Area School newsletters, article in Eastern Hills and Murray Plains Catchment Group June newsletter and article in *Barossa Leader* and *Barossa and Light Herald* on 15/6/2011
- Posters/Flyers posted on notice boards at Keyneton Post Office, Cambrai Hotel, Cambrai General Store, Sedan Hotel, Sedan General Store, Eden Valley General Store and Angaston Post Office (left with manager for placement on notice board)
- Notice/link to advertisement on Mid-Murray Council website

The Eden Valley sessions was advertised as follows:

- ¼ page colour advertisement in *Barossa Leader* and *Barossa and Light Herald* for 3 weeks/ editions prior and the *Murray Valley Standard* for 2 weeks / standards prior
- Mail-out to all people on contact mailing list established through prior community consultation and two June 2011 community information sessions.
- Mail-out to Eden Valley Township and surrounds property owners – approx 3-5km surrounds (contact addresses provided by Barossa Council)
- Mail out invite to all Mid Murray and Barossa Councillors
- Mail out to various local and regional environmental and community groups
- Article in *Barossa Leader* and *Barossa and Light Herald* on 7/9/2011
- Notice/link to advertisement on Barossa Council website

At each of the sessions, information and maps relating to the proposal were on display, including the 57 turbine layout, seven photomontages representing the wind farm from a number of selected viewpoints from the surrounding area, and a series of posters (See Attachment 5.2) summarising the environmental assessment process and findings. A variety of information was also available for visitors to take with them including a Keyneton Wind Farm brochure, Frequently Asked Questions document and booklets on Pacific Hydro and its Sustainable Communities Fund. Information on the Development Assessment Commission (DAC) application, assessment and hearings process (sourced from DAC website) were also available. For people with particular

interest in specific topics, a large number of hard copy reports were also available for people to view on topics including climate change, greenhouse gas mitigation, energy systems / National Electricity Market, noise and alleged health impacts, property values and impacts on flora and fauna. At their request a number of the reports were sent to people after the consultation sessions.

Posters on display at the sessions included the following:

- *Proposed Keyneton Wind Farm* - an overview of project and its benefits
- *Overall Wind Farm Design* – further detail on turbine numbers, their dimensions and associated project infrastructure alongside a layout plan
- *Turbine Layout Evolution* – information of the design’s evolution since initial consultation in May 2009 and factors influencing design
- *Development Application Process* - overview of the development application process
- *Keyneton Wind Farm Development Steps* – diagrammatic overview of the development process of a wind farm from the initial installation of a monitoring mast to construction
- *Steps in wind farm development* – various chronological photos demonstrating the construction process of Pacific Hydro’s Challicum Hills Wind Farm
- *Environmental Assessments* – overview of the various environmental assessments being undertaken. Separate posters were displayed with more specific information on each of the following:
  - Native Vegetation
  - Birds and Bats:
  - Cultural Heritage
  - Landscape and Visual Assessment
  - Noise
- *Other Considerations* - including information on fire management, shadow flicker, aviation and telecommunication
- *Traffic and Transport* and map illustrating the *Preferred Access Routes*<sup>2</sup>
- *Photo-montages*, prepared by WAX Design and Brett Grimm Landscape Architects, from the following viewpoints:
  - Viewpoint 1 – North of Cambrai at the intersection of Ridley and Black Hill Roads
  - Viewpoint 2 – West of Sedan on Banks Road
  - Viewpoint 3 – Corner of Towitta and Chain Roads
  - Viewpoint 4 – South of the Henschke Winery on the Eden Valley – Moculta Road
  - Viewpoint 5 – Angaston-Sedan Road between Keyneton township and site
  - Viewpoint 6 – Intersection of Jutland Road and Rhine Park Road
  - Viewpoint 7 – Eden Valley Scenic Lookout

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<sup>2</sup> Note: At this stage all preferred routes approached from the west of the site, including access to the northern half of the site from Angaston via Angaston-Sedan Road. This preferred route to the northern half of the site has subsequently been revised to approach on Angaston-Sedan Road via Sedan to the east.

- *Zone of Theoretical Visual Influence mapping (ZTVIs)* – ZTVIs are a tool that illustrates the number of potentially visible turbines from areas surrounding the site. The ZTVIs use a 10m digital terrain model and assess the number of potentially visible turbines based upon topography. They provide a conservative estimate of the number of turbines that are potentially visible as the model does not account for existing screening in the landscape such as vegetation and existing built form. Two ZTVIs were displayed at the consultation sessions based on the following:
  - Potential visibility to the tip of the blade (at maximum 145.5m). This ZTVI calculates any turbine where any part of the turbine or blades may be visible based on topography
  - Potential visibility at hub height (nominally 95m). This ZTVI calculates any turbine where the hub or nacelle may be visible based on topography. The nominal hub height of 95m was also utilised for photomontages.

At each session Warwick Keates of Wax Design, who have undertaken the Landscape and Visual Character Assessment, attended. Warwick assisted with questions about the photomontages prepared by WAX Design. Of note, Warwick also invited each visitor to participate in a *cognitive mapping process*, which asked people to indicate locations, places or areas within the landscape that are important to them. The cognitive mapping process was subsequently utilised within the Landscape and Visual Character Assessment to assist the rating of the landscape's cultural significance (See Chapter 7 and Appendix E)

At the Eden Valley community consultation session, an additional wireline was prepared and "overlaid" over a geo-referenced picture from north eastern corner of the Eden Valley township. Whilst the project will not be visible from this location, the view from a prominent corner within the township was orientated towards the proposed development site and assisted to demonstrate the extent of screening by existing built form, vegetation and topography.

It is estimated that approximately 80-90 people attended at Keyneton, approximately 40 at Cambrai and 80-90 at Eden Valley. The Eden Valley consultation sessions was also attended by several members of the *Eastern Mount Lofty Landscape Guardians* group which formed shortly after the Keyneton and Cambrai sessions. The Landscape Guardians group conducted a protest, and distributed leaflets outside the Eden Valley Institute Hall.



Photo 5.1: Keyneton Institute Hall, 21 June 2011



Photo 5.2: Posters displaying information at the Cambrai Community Consultation Session, 22 June 2011

Concerns and queries at the sessions can be broadly categorised as follows:

- Landscape and visual impacts
- Noise, including infrasound and alleged health impacts
- Traffic management and temporary construction impacts
- Property value impacts

- Flora and Fauna
- Jobs and community benefits (including Pacific Hydro's Sustainable Communities Fund)
- The National Electricity Market – the role of wind amongst other energy generation options and climate change mitigation approaches
- Planning / Development application process

Feedback provided to Pacific Hydro at these sessions significantly informed and influenced Pacific Hydro's refined design and the subsequent reduction in numbers of turbines from 57 to 42. Significant feedback was also provided regarding proposed traffic / access routes to the site for over-dimensional (OD) vehicles. In particular, the use of Angaston–Sedan Road between Angaston and the site, which had been nominated as a preferred OD route was highlighted as a concern by many locals given its existing condition and narrow width in sections. Pacific Hydro subsequently re-engaged with the Transport SA (i.e. Department of Planning, Transport and Infrastructure), Mid Murray and Barossa Councils to assess alternate possible routes to site. This is discussed in more detail in Chapter 10, however in summary the preferred routes to site have been revised in consultation with Transport SA and both Councils. The revisions to the preferred OD routes now avoid the Angaston-Sedan Road between Angaston and the site.

Viewpoint 8 (as included in the Landscape Character and Visual Assessment Report) from the River Marne Campground, was not displayed at the community consultation sessions. The River Marne area including the riverbanks and floodplain to the immediate east of the escarpment and south-west of Cambrai was identified through the cognitive mapping process undertaken at the community consultation sessions as a focal point for recreation and its scenic and natural qualities. Viewpoint 8 was therefore subsequently assessed and included in the Landscape Character and Visual Assessment Report prepared by WAX Design and Brett Grimm Landscape Architects.

Pacific Hydro has continued liaison with and provided additional information to a number of local residents following feedback received at the sessions. Consultation is continuing with a number of people.

### **5.3.2 Clements Gap Wind Farm Tours**

At the June community information sessions, several people requested the opportunity to visit Pacific Hydro's operational Clements Gap Wind Farm. The Clements Gap Wind Farm opened in February 2010 and is Pacific Hydro's first operational project in South Australia.

Clements Gap Wind Farm is located in the State's mid north, approximately 8-9km north west of Redhill, 20km north east of Port Broughton and 20km south-west of Crystal Brook within the Port Pirie Regional Council and about three hours drive from Keyneton. Although the site differs from Keyneton in that it has very little vegetation and a flatter surrounding landscape, it was agreed that tours would provide a practical understanding of what an operating wind farm is like, both up close and at a range of different distances, particularly for people who have never visited a wind farm before. The Clements Gap Wind Farm has 27 turbines of 124m in height (i.e. 80m tower height and 44m blade length).

Subsequently, everyone on Pacific Hydro's contact list (including Keyneton neighbours, Mid Murray and Barossa Councillors, various local and regional environment and community groups) were invited to attend one of two bus tours to our Clements Gap Wind Farm. In total, 37 people attended the two tours, with 31 attending on 7 August 2011 and six on 14 August 2011. At both tours Pacific Hydro's Clements Gap Wind Farm Manager attended along with staff from Pacific Hydro's environment and planning team.

The tour commenced with lunch at the Redhill Bowling Club, approximately 8.7km from the nearest turbine at the Clements Gap Wind Farm. The tours then stopped underneath turbine 10 where the Wind Farm Manager provided an overview and answered queries about the project and operation of wind farm. Stops were then made at distances of approximately 1.5km, 3km and 6.4km from turbines. At each stop, people were able to step off the bus, look, listen and ask further questions. The sub-station and control room was also visited upon request on the 2nd of the tours on 14 August 2011.

A site visit / tour was also arranged on 20 November at the request of one family who were unable to attend the initial tours to Clements Gap. The Wind Farm Manager escorted this site visit.

### **5.3.3 Keyneton Site Visit**

During on-going consultation that followed the community consultation sessions, several people requested a visit to the subject site. As such a small group, including members of the Eastern Mount Lofty Ranges Landscape Guardians, was provided with a tour of the site on the afternoon of 11 September 2011. The group visited the site's two existing met masts which respectively provide a central and elevated outlook respectively over the northern and southern sections of the site.

## **5.4 2011 – 42 Turbine Layout**

Pacific Hydro announced its revised / reduced 42 turbine layout on 6 December 2011. This 42 turbine layout is the subject of this application. The revised layout consists of 22 turbines in the northern cluster and 20 turbines in the south. This revised layout was communicated to the local community as follows:

- Letter and new layout plan posted or emailed to all people on contact mailing list established through prior community consultation and the three community information sessions (at that stage approx 100 people)
- Mail out invite to all Mid Murray and Barossa Councillors
- Mail out invite to various local and regional environmental and community groups
- Media release posted on Pacific Hydro's website and provided to local media
- Articles in Barossa Leader and Barossa and Light Herald on 7/12/2011

Fifteen turbines were deleted from the 57 turbine layout (9 were deleted from the north and 6 deleted from the south). The following table summarises the rationale for each being deleted. Whilst the removal of a number of the turbines listed below was also influenced by other environmental and/or cultural heritage reasons or a variety of reasons, it was recognised that the deletion of these turbines would contribute to reduce project's visual complexity and prominence. For example the Mannum Aboriginal Community Association Inc requested the relocation of turbine 4 to provide a greater buffer from a natural spring of cultural heritage significance. However, rather than relocate, Pacific Hydro determined to delete the turbine recognising that this would also contribute to reducing the development's visual impact.

**Table 5.1: Primary Reason(s) for Turbine Deletion**

Deleted Turbine No. (with reference to 57 turbine layout)	Primary reason(s) for deletion
3	<ul style="list-style-type: none"> <li>- Within 1000m of Peregrine Falcon Nest identified by EBS</li> <li>- Identified by WAX Design as more visually prominent and adds to visual complexity at the northern edge of the site</li> </ul>
4	<ul style="list-style-type: none"> <li>- Proximity to natural spring (high cultural heritage significance)</li> </ul>
9	<ul style="list-style-type: none"> <li>- Within 1000m of Peregrine Falcon Nest identified by EBS</li> </ul>
14	<ul style="list-style-type: none"> <li>- Identified by WAX Design as more visually prominent upon escarpment and from east / Murray Plains</li> <li>- Potential to entail difficult construction associated with topography</li> </ul>
17	<ul style="list-style-type: none"> <li>- Within Vegetation Association 4 (South Australian Blue Gum / Peppermint Box Open Woodland over exotic grassland)</li> <li>- Within preferred bat habitat</li> </ul>
25	<ul style="list-style-type: none"> <li>- Within or in close proximity to Vegetation Association 9 (South Australian Blue Gum / River Red Gum over exotic grassland)</li> <li>- Area has high cultural heritage sensitivity</li> <li>- Preferred bat habitat</li> <li>- Closest turbine and more visually prominent to Graetz Town and Keyneton</li> </ul>
27	<ul style="list-style-type: none"> <li>- Highlighted in consultation as visually prominent, particularly view from ridge / Angaston-Sedan Road over Murray Plains when heading east. Would also be more visually prominent in views west from the Murray Plains</li> </ul>
30	<ul style="list-style-type: none"> <li>- Identified by WAX Design as more visually prominent as out-lying turbine on project's northern cluster</li> <li>- In response to concerns about visual impact / amenity from some residents of Keyneton Estate Road. Deletion increase distance to closest turbine</li> </ul>
31	<ul style="list-style-type: none"> <li>- Identified by WAX Design as more visually prominent as out-lying turbine on project's northern cluster</li> <li>- In response to concerns about visual impact / amenity from some residents of Keyneton Estate Road. Deletion increases distance to closest turbine.</li> </ul>
32	<ul style="list-style-type: none"> <li>- In response to concerns about visual impact / amenity from some residents of Keyneton Estate Road. Deletion increases distance</li> </ul>

Deleted Turbine No. (with reference to 57 turbine layout)	Primary reason(s) for deletion
	<p>to closest turbine.</p> <ul style="list-style-type: none"> <li>- Within Vegetation Association 4 (South Australian Blue Gum / Peppermint Box Open Woodland over exotic grassland)</li> <li>- Within preferred bat habitat</li> </ul>
33	<ul style="list-style-type: none"> <li>- In response to concerns about visual impact / amenity from some residents of Keyneton Estate Road. Deletion increases distance to closest turbine.</li> <li>- Within Vegetation Association 4 (South Australian Blue Gum / Peppermint Box Open Woodland over exotic grassland)</li> <li>- Within preferred bat habitat</li> </ul>
36	<ul style="list-style-type: none"> <li>- Revised siting of turbines 34 and 35 (to avoid preferred bat habitat) and 41 (to increase distance from escarpment edge and possible visibility from Pine Hut Road and Murray Plains) resulted in sufficient spacing between turbines</li> </ul>
50	<ul style="list-style-type: none"> <li>- Highlighted in consultation as visually prominent as most easterly turbine and more visually prominent in views west from Murray Plains. Would also contribute to greater visibility from Marne River and elevated area to the east such as Viewpoint 7 (the Eden Valley Lookout)</li> <li>- Turbine significantly contributed to complexity / layering of turbines when viewed from east or west</li> </ul>
56	<ul style="list-style-type: none"> <li>- Identified by WAX Design as more visually prominent as out-lying turbines on project's southern edge and higher impact on character of Marne River and elevated area to the east such as Viewpoint 7 (the Eden Valley Lookout)</li> <li>- Also in response to concerns about visual impact / amenity from the south and west and some locals concerned about the visual impacts on the Marne River to the south-east</li> </ul>
57	<ul style="list-style-type: none"> <li>- Identified by WAX Design as more visually prominent as out-lying turbines on project's southern edge and higher impact on character of Marne River</li> <li>- Also in response to concerns about visual impact / amenity from the south and west and some locals concerned about the visual impacts on the Marne River to the south-east</li> </ul>

In addition to the reduction in turbine numbers and changes to the preferred over-dimensional traffic routes discussed above, a number of other modifications of the proposal have occurred since the initial community consultation sessions and in response to community feedback:

- Deletion of the substation proposed with the southern cluster. Pacific Hydro initiated further electrical investigations and design, engaging the services of Consolidated Power Projects Australia Pty Ltd (CPP). Following this work, Pacific Hydro has committed to a single substation with a 33kv/275kV grid connection allowing deletion of the previously proposed southern substation (as shown in Figure 5.2).
- The remaining (northern) substation has been relocated approximately 400-500m further north in order to reduce its visibility from Angaston-Sedan Road. The location now proposed is also lower lying and thus will assist reducing its visibility from surrounding areas.
- The electrical connection of the two clusters is primarily by overhead line. However as the request of a neighbour, a small section (approximately 690m) is to be underground where it passes in closer proximity to the site boundary.
- A commitment that the access track between the northern and southern clusters will not be used by over-dimensional vehicles except to the extent required to construct the overhead line between clusters.

## **5.5 Community Information Stands**

Following the project's re-design and a reduction in the number of turbines, a number of drop-in community information sessions / stands were scheduled as follows:

- 23 January 2012– Barossa Council Offices, Nuriootpa 12:30pm-5pm
- 25 January 2012 - Cambrai Community Library, 9:30am-2pm
- 14 March 2012 – Nuriootpa Foodlands forecourt, 10am – 3pm
- 8 May 2012 - Cambrai Community Library 10am – 3pm

Each of the sessions was advertised in advance with a ¼ page colour advertisement in the *Barossa Leader* and the *Barossa and Light Herald*, accompanied with a media release and direct email or mail notification to Pacific Hydro's project contact list.

These information sessions were smaller in scale than the earlier community consultation sessions. Two Pacific Hydro staff were present to provide information on the design changes, in particular the reduced 42 turbine layout and updated information on the preferred traffic routes to site. These sessions also provided another opportunity for those that did not the initial community consultation sessions or those with follow-up questions.

Each of the information stands was attended through-out by members of the Eastern Mount Lofty Landscape Guardians group that are opposing the proposed wind farm. Pacific Hydro staff have had on-going dialogue with several members of this Landscape Guardians group.

## **5.6 Agency Consultation**

The following table provides an overview of the consultation undertaken with various statutory agencies, local and regional organisations.

Table 5.2: Summary of Stakeholder Engagement

Organisation	Dates Contacted	Comments
<b>State Government</b>		
<b>Department of Transport, Planning and Infrastructure (DTPI)</b>	<p>Sponsorship letter 13/4/2010</p> <p>Meetings 21/12/2010</p> <p>Scoping Document provided 6/5/11</p> <p>Further meetings 21/6/11, 13/9/11, 2/12/11 and 21/5/12</p>	<p>Pacific Hydro met with representatives from the Office of Major Projects and Infrastructure (OMPI) of the Department of Planning and Local Government (formerly part of the Department of Transport, Energy and Infrastructure (DTEI) on 21/12/2010 to provide a project update (i.e. 57 turbine layout) and discussion planning process. Subsequent meeting were held on 21/6/11, 13/9/11, 2/12/11 and 21/5/12.</p> <p>The 13/9/11 meeting was also attended by Renewables SA representatives.</p> <p>Further consultation (i.e. by phone and email) has occurred across 2011-2012.</p>
<b>Renewables SA</b>	Meeting 13/9/11	Renewables SA representatives attended meeting with DTPI and Pacific Hydro.
<b>Environmental Protection Agency (EPA)</b>	Meeting 1/6/11	Along with acoustic consultant VIPAC, Pacific Hydro met with the SA EPA on 1/6/11 to discuss the EPA guidelines and project assessment requirements.
<b>Native Vegetation Council (NVC)</b>	Meeting 11/5/11	Pacific Hydro met a NVC representative on 11/5/11 to introduce the project and associated native vegetation controls.
<b>Murray Darling Basin Natural Resources Management Board</b>	Presentation 20/8/09	Presentation to the NRM Board on 20/8/09.

Organisation	Dates Contacted	Comments
<b>(MDBNRMB)</b>	Meeting 10/5/11  Exchanged correspondence 13/9/11 and 27/9/11	Pacific Hydro met a MDBNRMB representative on 10/5/11.  MDBNRMB's correspondence of 27/9/11 drew attention to the site's erodible soils and the need for <i>"erosion control measures to manage surface water and soil movements to reduce risk of rill and gully erosion, soil loss and silting of drainage lines and dams.</i>  <i>It is recommended control methods which allow to collect, pond and disperse slowly down the landscape are implemented."</i>
<b>Local Government</b>		
<b>Mid Murray Council</b>	Presentation to Councillors 9/7/09  Meetings with Development Services' staff 6/8/09, 11/11/10, 23/3/11 and 23/2/12  Scoping Document provided 8/6/11  Presentation to full Council 9/5/11	Pacific Hydro presented to Councillors on 9/7/09.  Meetings with Council's Development Services' staff were conducted on 6/8/09, 11/11/10, 23/3/11 and 23/2/12.  A 2 <sup>nd</sup> presentation was provided to a Council meeting on 9/5/11.  Additional on-going consultation continued throughout 2011-2 via phone, email and at the community consultation and information sessions which several Councillors and Council staff attended.
<b>Barossa Council</b>	Meetings with Environmental Services' staff 19/8/09, 23/3/11 and 23/2/12	Meetings with Council's Environmental Services' staff were conducted on 19/8/09, and 23/3/11.

Organisation	Dates Contacted	Comments
	<p>Presentation to Councillors 1/6/11</p> <p>Scoping Document provided 10/6/11</p> <p>Presentation to full Council 9/5/11</p>	<p>A presentation was provided to a Council meeting on 1/6/11.</p> <p>Additional on-going consultation has also occurred throughout 2011-2 via phone, email and regarding the community consultation and information sessions.</p>
<b>Traditional Land Owner</b>		
<p><b>Peramangk Traditional Owners / Mannum Aboriginal Community Association Inc (MACAI)</b></p>	<p>Meeting 11/10/10</p>	<p>Pacific Hydro met with the MACAI to introduce Pacific Hydro, the proposed project and discuss cultural heritage survey and management requirements.</p> <p>Further consultation (by phone) was undertaken during January and February 2011 regarding a Heritage Survey agreement.</p> <p>Site Surveys were conducted by MACAI and consultants ACHM from 18 – 20/4/2011. A cultural heritage assessment was subsequently completed by ACHM in consultation with MACAI and is provided as Appendix F.</p>
<b>Environmental Groups</b>		
<p><b>Eastern Hills &amp; Murray Plains Catchment Management Group (EHMPCMG)</b></p>	<p>Meeting 10/5/11</p>	<p>Project information provided for article in EHMPCMG's quarterly newsletter (September 2009 edition).</p> <p>Pacific Hydro met with staff on 10//5/11 to further discuss the project. An article was placed in EHMPCMG's June 2011 quarter newsletter.</p>

Organisation	Dates Contacted	Comments
		<p>Additional on-going consultation has also occurred throughout 2011-2012 via phone, email and at the community consultation and information sessions.</p>
<p><b>Mid Murray Local Action Planning (LAP) Committee</b></p>	<p>Presentation 9/7/09</p> <p>Meetings 10/5/11 and 24/1/12</p>	<p>Presentation to the Mid Murray LAP in July 2009.</p> <p>Pacific Hydro met with a Mid Murray LAP representative on 10/5/11 and again 24/1/12.</p> <p>Additional on-going consultation has also occurred throughout 2011-2 via phone and email. The Mid-Murray LAP has identified its previous experience and capability monitoring bats. There is an opportunity, if the project is approved, to engage the Mid Murray LAP to undertake any bat monitoring requirements associated with the project.</p>
<p><b>Other Local and Regional Groups</b></p>		
<p><b>Keyneton Progress Association</b></p>	<p>Presentation 9/7/09</p> <p>Meeting on 7/5/12</p>	<p>Presentation to Keyneton Progress Association on 9/7/09.</p> <p>An update was provided in a meeting on 7/5/12.</p>
<p><b>Sedan Progress Association</b></p>	<p>Liaison on 8/5/12</p>	<p>Pacific Hydro met a representative of the Sedan Progress Association at the Cambrai information session on 8/5/12.</p>
<p><b>Sedan Rural Community Access</b></p>	<p>Presentation 9/7/09</p>	<p>Presentation to the Sedan Rural Community Access Service Inc on</p>

Organisation	Dates Contacted	Comments
<b>Service Inc</b>		9/7/09.
<b>Regional Development Australia (RDA) - Murraylands</b>	Presentation 9/7/09 Meetings 24/3/11 and 2/12/11	Presentation to the Murraylands RDA in July 2009.  Meetings on 24/3/11 and 2/12/11 allowed Pacific Hydro to provide an update of the project's progress.  Information on economic and employment opportunities were provided by email on 22/2/12.
<b>Regional Development Australia (RDA) - Barossa</b>	Meetings 25/7/11 and 24/1/12  Presentation 10/8/11	Meeting on 25/7/11 to introduce Pacific Hydro and the project. A presentation to the RDA's Sustainable Futures Committee was provided on 10/8/11. A subsequent meeting on 24/1/12 allowed Pacific Hydro to provide an update of the project's progress.  Information on economic and employment opportunities were provided by email on 22/2/12
<b>Murraylands Tourism and Marketing Committee</b>	Presentation 7/9/09	Presentation to the Sedan Rural Community Access Service Inc on 9/7/09.
<b>Barossa Grape &amp; Wine Association Incorporated</b>	Meeting 22/6/11 and 24/1/12	Pacific Hydro met with the BGWA on 22/6/11 and 24/1/12
<b>Heritage</b>		
<b>Dry Stone Walls Association of Australia (DSWAA)</b>	Phone Discussion 21/4/11	Following correspondence from the DSWAA, Pacific Hydro consulted with DSWAA on 21/4/11 by phone and

Organisation	Dates Contacted	Comments
	<p>Meeting 10/5/11</p> <p>Phone Discussion with Ian Cameron (experienced South Australian based "waller") 24/1/12</p>	<p>subsequently met with a DSWAA member on 10/5/11 and at the community consultation sessions.</p> <p>Following the direction of the DSWAA, Pacific Hydro spoke with South Australian based "waller" Ian Cameron, understood to be Australia's most experienced. Pacific Hydro propose to engage an experienced "waller" for any re-construction works required.</p>
<b>Country Fire Service (CFS)</b>		
<b>CFS Region 3 (includes Keyneton)</b>	Meeting 10/5/11	Pacific Hydro met with Regional Commander, Region 3 Headquarters to discuss fire management procedures, fuel load management. It was recommended that a formal response from CFS's Statutory Planning unit at Mt Barker.
<b>CFS State Coordination Centre</b>	Phone Discussions 1/2/12	Pacific Hydro spoke with the CFS State Co-ordination Centre regarding the CFS's draft guidelines for wind farms (yet to be released although broadly understood to be consistent with the Victorian CFA Guidelines).
<b>CFS - Statutory Planning</b>	<p>Phone Discussion 6/2/12</p> <p>Letter (seeking formal response 8/3/12)</p>	Following a further discussion on 6/2/12, Pacific Hydro has sought a formal response from the CFS (letter dated 8/3/12). In an email of 11 May 2012, the CFS confirmed that it has been working on a response to DPTI regarding wind farms state wide (with respect the interim Development Plan Amendment). No specific comments or objections with respect the Keyneton proposal were raised.

In addition to the consultation with various agencies and organisations outlined above, consultation was undertaken with various telecommunications licence holders with the region. This consultation is further detailed in Chapter 11.

Pacific Hydro also consulted with the following aviation stakeholders regarding the project and any potential impacts on aviation safety and navigational radar:

- Royal Australian Air Force (RAAF) – Aeronautical Information Service
- Department of Defence (DoD)
- Aerial Agricultural Association of Australia
- Air Services Australia
- Civil Aviation Safety Authority

Aviation considerations are discussed further in Chapter 11.