

## **APPENDIX B: AUDIT CHECKLIST**

## AUDIT CHECKLIST Cullerin Range wind farm MP 05\_0167

Date: 5 June 2012

Cond. No.	Requirement (Summary) Condition/Commitment (subdivide long conditions)	Compliance (Yes/No)	Comments/Observations/ Supporting documentation ( <i>Italics are auditor comments arising from the desk top review</i> )	Recommendation (Action required to address any identified non-compliances or observations)
4	The project is restricted to the commercial generation of not more than 30MW of electricity at the site throughout the life of the project.	Yes	<p><i>The Independent Environmental Audit prepared by Golder Associates, dated 16/11/11 states that the Annual Report Operational Year No. 1 confirms the project's capacity comprises 30MW.</i></p> <p><i>At the time of a site inspection by the Department of 5 June 2012, the limit was witnessed at 30MW.</i></p> <p>The Proponent stated that Cullerin has a maximum setpoint control set at 30MW hence the asset cannot achieve greater than this.</p> <p>Note the auditors observed the power levels during the site inspection which did not exceed 30MW</p>	
6	Nothing in this approval prevents the Proponent from combining reporting requirements under this approval with identical or similar reporting requirements for submission to another relevant party. Reporting requirements must only be combined with the prior agreement of the Director-General of Planning and the Director-General (or equivalent) of the other relevant party. <b>Note:</b> the purpose of Condition Nos 5 and 6 is to provide for minimisation of resource utilisation (particularly paper) associated with administration of this approval.	Yes	<p><i>The desk top audit indicated that no reporting requirements have been combined.</i></p> <p>This was confirmed by the Proponent during the audit.</p>	

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11	<p>If any wind turbine is not used for the generation of electricity for a continuous period of 12 months, it must be decommissioned unless otherwise agreed to by the Director-General.</p> <p>The Proponent must keep independently verified annual records of the use of wind turbines for electricity generation. These records must be provided to the Director- General upon request. The relevant wind turbine and any associated infrastructure is to be dismantled and removed from the site within 18 months from the date that the wind turbine was last used to generate electricity.</p>	Yes	<p><i>The Independent Environmental Audit dated 16/11/11 states no wind turbines have been out of use for a continuous period of 12 months.</i></p> <p>The Proponent advised the Department that no Turbine has had 12 months continuous downtime. Monthly reports from the turbine manufacturer and annual reports from Origin were available to support this advice.</p>	
13	<p><b>COMPLIANCE General</b></p> <p>The Proponent must be responsible for the works the subject of this approval and the environmental impacts that may result from those works, and must put in place an environmental management system governing the conduct of all persons on the site, including contractors, subcontractors and visitors.</p>	Yes	<p>An Environmental Management Plan for the Operational phase of the site has been prepared by the Proponent and has been approved by the NSW Department of Planning &amp; Infrastructure.</p> <p>The Proponent advised the Department that the plan is currently in the process of being reviewed to incorporate updates.</p>	

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22	<p>Prior to the commencement of operation, the Proponent must notify in writing, all owners of residential dwellings with views of a turbine(s) located within four kilometres of their dwellings. Any such owner may request the Proponent, no later than six months after commencement of operation, to investigate ways of minimising the visual impact of the project on their property. The Proponent must:</p> <p>a) within 14 days of receiving the request, commission a suitably qualified person whose appointment has been approved by the Director-General, to investigate reasonable and feasible measures to minimise the visual impacts of the project on the landowner's property using landscaping measures; and</p> <p>b) give the landowner a copy of the visual impact mitigation report within 14 days of receiving this report. If both parties agree on the measures that should be implemented to minimise the visual impact of the project, then the Proponent must implement those measures, to the satisfaction of the Director-General.</p> <p>If both parties disagree on such measures, then either party may refer the matter to the Director-General for resolution.</p>	Yes	<p><i>Copy of letter sent to residents re: visual impact and landscaping dated 30/4/2009</i></p> <p><i>Letter nominating Ms Alex Dalglish dated 15-6-2009</i></p> <p><i>Appointment of Ms Alex Dalglish approved 15-06-2009.</i></p> <p><i>The Pre-operations Compliance report received 22 June 2009 states that one request had been received.</i></p> <p><i>Independent Environmental Audit dated 16/11/11 states that a register of notifications is maintained by Origin. Tree planting undertaken, draft landscape plans prepared for properties and records of land owners acceptance of landscaping held with Origin. Signed records of acceptance of landowner of completed landscaping works are held by Origin. A copy of these records has been sighted by the Department.</i></p> <p>The Proponent advised that Department that landscaping was undertaken on 10 properties. Copies of the letters issued to residents and the landscape plans prepared were provided to the Department during the audit.</p> <p>The Proponent advised that following completion of landscape works, a site visit was undertaken by Origin to view the completed works and to seek acknowledgement from residents that the work have been completed to their satisfaction. Copies of the signed acknowledgement letters were provided to the Department during the audit.</p>	

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23	All landscaping permitted under this approval must be completed within twelve (12) months of the commencement of operation of the project.	Yes	<p><i>Independent Environmental Audit dated 16/11/11 states signed records of acceptance of landowner of completed landscaping works held by Origin. A copy of these records has been sighted by the Department.</i></p> <p>The majority of the landscape works were completed within 12 months of the commencement of operation of the project however some landscaping works took a little over 12 months to complete due to intentional delay in plantings.</p> <p>The Proponent advised the Department the delay in planting was recommended by their landscape architect to ensure plants were planted at the appropriate time to optimise the likelihood of their survival.</p>	<p>Landscape agreements were reached with property owners to ensure appropriate landscaping was provided.</p> <p>This would include planting relevant species at the correct time of the year to ensure their viability therefore while the landscaping works may not have been finalised within the 12 month period following commencement of operations, no action is warranted by the Department given the intent to provide the landscaping was in place along with landscaping plans agreed with property owners.</p>
27	Shadow flicker arising from the operation of the project must not exceed 30 hours/annum at any residence not associated with the project.	Yes	<p>The Proponent advised that shadow flicker does not exceed further than 500 metres from a turbine due to the design of the blades.</p> <p>During the audit site inspection and using aerial imagery it was observed that the majority of properties are located to the north of the farm and therefore would not receive shadow flicker. There are no properties located within 500 metres to the south of the farm.</p>	

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35	<p><b>Operation</b></p> <p>Subject to Condition No 36, the Proponent must design, operate and maintain the project to ensure that the equivalent noise level (LAeq (10 minute)) from the project at each of the residential receiver locations identified in Section 5 of the Noise Impact Assessment prepared by Heggies Australia, dated 30 May 2006 (Section 3.2 of EA Attachments) does not exceed:</p> <p>(a) 35 dB(A); or</p> <p>(b) the existing background noise level (LA90, (10 minute)) correlated to the integer wind speed at 10 metres height at the wind farm site by more than 5 dB(A), whichever is the greater, for each integer wind speed (measured at 10m height) from cut-in to rated power of the wind turbine generator. For the purpose of this condition, the background noise levels are to be based on the levels derived in accordance with Condition No 38.</p> <p>Note: The noise limits in this condition do not apply to project-involved receivers, as specified in Condition No 44.</p>	Yes	<p><i>Independent Environmental Audit dated 16/11/11 references a Heggies Assessment dated 16/11/2009 confirming compliance (at the time of the report).</i></p> <p><i>The Department directed additional noise monitoring to be conducted and subsequently a noise report was prepared Sonus Pty Ltd dated 26 March 2010 which confirmed compliance with the noise criteria.</i></p> <p>The project is in compliance with the prescribed noise limits - refer to the noise compliance report prepared by Renzo Tonin &amp; Associates Pty Ltd</p>	

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42	<p>In the event that the Noise Compliance Assessment indicates that noise from the wind turbines exceeds the noise limits contained in Condition No 35 and/or Condition Nos 36 and 39 as relevant, the Proponent must investigate and propose the mitigation and management measures that are available to achieve compliance with the noise limits.</p> <p>Details of the remedial measures and a timetable for implementation must be submitted to the Director-General for approval within such period as the Director-General may require. Remedial measures should include, in the first instance, all reasonable and feasible measures to reduce noise from the project. Once all reasonable and feasible source controls are exhausted, remedial measures may include offering building acoustic treatments and/or noise screening to affected residents, but may only be used to address noise limit exceedances at the absolute discretion of the relevant landowner /resident. The Proponent must also demonstrate that the relevant landowner/resident has been made fully aware of the noise and other implications of making any agreement.</p> <p>Note: If the wind turbine exceeds the noise limits, the Proponent must immediately reduce noise levels through a sector management approach. Further or alternative noise mitigation can then be investigated and incorporated as a project remedial measure.</p>	Yes	<p><i>The Independent Environmental Audit dated 16/11/11 stated that no mitigation is required.</i></p> <p>No mitigation measures have been required during the operational phase of the project.</p>	

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46	<p>Where reasonable and feasible, noise mitigation measures are to be provided by the Proponent for no more than one new dwelling, built on any vacant parcel of land legally existing at the date of this approval, upon which a residential dwelling would be permissible at the same date. Noise mitigation is to be provided if the noise level from the project at the approved location of the new residential dwelling is found to exceed the noise limits recommended in the SA Guidelines. The mitigation measures must ensure that the criteria specified in the SA Guidelines are met. This condition only applies to new dwellings for which a development application is lodged with the consent authority within five years of the date of commencement of operation.</p> <p>Note: The Proponent should liaise with the Council regularly to check the status of development applications that may be lodged involving new residential dwellings in the locality of the project site.</p>	Yes	<p>The proponent advised that no new dwellings have been constructed adjacent to the wind farm.</p> <p>Upper Lachlan Shire Council also confirmed that no new dwellings have been built.</p>	
48	<p>All heavy vehicles associated with the project arriving or departing from the site must use the Hume Highway, Lerida Road North and that portion of the Old Hume Highway (Cullerin Road) between Lerida Road North and the site access point to minimise truck movements along the Old Hume Highway through Breadalbane.</p>	Yes	<p><i>Independent Environmental Audit dated 16/11/11 states the pre-operations compliance report advised that vehicle movement plan permitted heavy vehicles only to use the Hume Highway.</i></p> <p>The proponent advised the Department that generally no heavy vehicles are required during the operations phase of the project. Any heavy vehicles that are required access and depart the site via Lerida Road North and New Hume Highway in accordance with the approval.</p>	



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50	<p>Prior to the commencement of construction (and decommissioning), the Proponent must undertake unsealed shoulder widening for the right turn lane on the Hume Highway into Lerida Road North and for the left turn lane on the Hume Highway into Lerida Road North. Design plans of the widening, including the geometric road design and pavement design, must be submitted to the RTA for approval. Following completion of the construction works (and decommissioning), the Proponent must rehabilitate the shoulders to the satisfaction of the RTA.</p>	Yes	<p><i>Addressed in pre-construction compliance report received 18-06-2008</i></p> <p><i>Email received stating that this was not required and achieved through pruning completed by the RTA 31-03-2009</i></p> <p>The Proponent advised that initially Taurus/Epuron believed widening of the road would be required to move vehicles from the Hume Highway. However during pre-construction it was observed that this was not required for the transportation of the wind farm components and existing road dimensions were satisfactory. The Proponent also advised that no widening will be required at the decommissioning stage of the project.</p>	
57	<p>The Proponent must prepare road dilapidation reports, in consultation with Council, for the construction (and decommissioning) route where it traverses Lerida Road North and part of Cullerin Road and old Sydney Road. These reports must be prepared prior to the commencement of construction (and decommissioning) and after construction (and decommissioning) is complete. Copies of the reports must be provided to the Council. Any damage resulting from the construction (or decommissioning) traffic, except that resulting from normal wear and tear, must be repaired at the Proponent's cost. Alternatively, the Proponent may negotiate an alternative arrangement for road damage with the Council.</p>	Yes	<p><i>Independent Environmental Audit dated 16/11/11 states that the pre-operations compliance report advised that Catcon met with council on 29/5/08 and a pre-construction road dilapidation report was prepared.</i></p> <p>The Proponent advised that a search of their records indicated that no post construction dilapidation report was conducted.</p> <p>The Proponent also advised that the civil contractor did carry out minor remediation works to site roads 12 months after commercial operations began.</p> <p>Recorded as an <b>Observation</b> as no time frame for compliance is specified in the condition.</p>	<p>A post construction road dilapidation report for the route where it traverses Lerida Road North and part of Cullerin Road and Old Sydney Road, prepared in consultation with Council, is to be provided within three months of the date of this report.</p>

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60	<p><b>Ground Stability</b>  The Proponent must conduct detailed geotechnical investigations such as core samples in the area of the proposed turbines to determine ground stability and soundness of the strata <b>taking into account the potential for any mine shafts</b>. Details of the geotechnical investigations, including an assessment of ground stability to allow safe construction of the project and demonstration that the wind turbines will have no adverse effect on groundwater/aquifers, must be included as part of the CEMP.</p> <p><b>Note:</b> <i>There is a potential for old mines possibly located in this area to contaminate groundwater. As part of the geotechnical investigations, the Proponent will be expected to address this potential.</i></p>	No	<p><i>Independent Environmental Audit dated 16/11/11 states the pre-operations compliance report advised that geotechnical investigations were completed on 29 February 2008 by Coffeys and report included in the CEMP.</i></p> <p><i>The Pre-operations Compliance report received 22 June 2009 stated that no old mines were identified.</i></p> <p><i>During a meeting with residents as part of this audit, the Department was advised of at least one former (gold) mine being located on, or adjoining, one of the host sites.</i></p> <p><i>The Coffey's geotechnical report (dated 29 February 2008) does not appear to account for any potential mines in the area or provide an assessment to demonstrate that the wind turbines will have no adverse effect on groundwater/aquifers.</i></p> <p>The Proponent advised that no further geo-tech reports have been conducted. The Proponent did note that the highlighted mine shaft is located 150 metres east of Turbine 1 and has been backfilled and was not considered a risk from a geo-tech perspective.</p>	<p>The Proponent must provide certification from a geotechnical engineer addressing the requirements of this condition (ground stability, soundness of the strata and that there is no adverse effect on groundwater/aquifers within one month of the date of this report.</p>

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62	<p><b>Flora and Fauna</b> The Proponent must design, construct, operate and maintain the project in a manner that avoids damage to or loss of the orchid, <i>Diurus aequalis</i> and its habitat.</p>	Yes	<p><i>Independent Environmental Audit dated 16/11/11 states the pre-operation compliance report noted the habitat recorded in the EA would be avoided and further investigations completed on 14 May 2008 did not record additional areas of habitat.</i></p> <p>Access to the turbines and the switchyard is via the constructed access tracks only as noted during the site audit by the Department and confirmed by the Proponent.</p> <p>Recorded as an <b>Observation</b> that habitat area be identified.</p>	<p>It is recommended that the area of habitat be identified for reference in the next revision of the Environmental Management Plan.</p>

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63	<p>The Proponent must make a financial contribution of \$1500.00 to the NSW Wildlife Information and Rescue Service (WIRES) for each death of a wedge-tailed eagle that has reasonably been attributed to the carrying out of the project. The financial contribution must be paid by the Proponent within one month of the Proponent becoming aware of the death. The contribution must be adjusted to take account of any increase in the Consumer Price Index over time, commencing at the March 2007 quarter.</p>	Yes	<p><i>3 payments made to WIRES as of 11 Oct 2010.</i></p> <p><i>Letter dated 25-08-2010 details bird strikes involving 3 eagles.</i></p> <p><i>Independent Environmental Audit dated 16/11/11 states that 4 donations had been made including one on 13/11/2009 totally \$1625.32.</i></p> <p><i>Bird and Bat adaptive Monitoring Program to run for 2 years into operation. The program states that "Mortality inspections and reporting are to be undertaken for the life of the Cullerin Wind Farm development" and that "Carcass searches may be extended beyond the two year period if predetermined thresholds are exceeded".</i></p> <p>While two years of operation was July 2011, the Proponent advised the Department that carcass searches will continue to be undertaken at the site.</p> <p>The Proponent also advised the Department that two rounds of bat monitoring are also planned for Financial year 2013.</p>	

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65	<p><b>Hazards and Risk</b>  <b><i>Bundling and Spill Management</i></b>  The Proponent must store and handle all dangerous goods (as defined by the Australian Dangerous Goods Code) and combustible liquids, strictly in accordance with:</p> <p>(a) all relevant Australian Standards;  (b) a minimum bund volume requirement of 110% of the volume of the largest single stored volume within the bund; and  (c) the EPA's Environment Protection Manual Technical Bulletin <i>Bundling and Spill Management</i>. In the event of an inconsistency between the requirements listed from (a) to (c) above, the most stringent requirement shall prevail to the extent of the inconsistency.</p>	Yes	<p><i>Independent Environmental Audit dated 16/11/11 states the pre-operation compliance report included details of a dedicated chemical storage shed. This audit stated that less than 10 litres of oil is stored on site and that the transformers containing oil are contained within a bunded area.</i></p> <p>The Proponent confirmed that less than 10 litres of chemicals are stored on site that those stored chemicals are appropriately bunded</p>	
69	<p>In the event that aerial weed control and/or fertiliser application is restricted due to the location of the wind turbine generators, the Proponent must fully fund the cost difference between aerial weed spraying/fertiliser application and a reasonable alternative, unless otherwise agreed by the Director-General.</p>	Yes	<p><i>Independent Environmental Audit dated 16/11/11 states that the wind farm had not had any impact on aerial weed control or fertiliser applications.</i></p> <p>The Proponent advised the Department that no requests have been made to fund the difference between aerial weed spraying/fertiliser application and a reasonable alternative arising as a result of the operation of the wind farm.</p>	

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70	<p><b><i>Bushfire Risk</i></b>  <b>Throughout the life of the project</b>, the Proponent must regularly consult with the local Rural Fire Service (RFS) to ensure that the local RFS is familiar with the project, including the construction timetable and the final location of all infrastructure on the site. The Proponent must comply with any reasonable request of the local RFS to reduce the risk of bushfire and to enable fast access in emergencies.</p>	Yes	<p><i>Independent Environmental Audit dated 16/11/11 states that Origin advised regular correspondence with Crookwell RFS is undertaken and that RFS and other emergency groups are invited to site on a regular basis.</i></p> <p>The Proponent advised that both the RFS and Police rescue attended the site in 2011. The RFS attended early in 2011 and police rescue attended October 2011 to participate in a Emergency Rescue training exercises.</p> <p>It was noted by the Proponent that access to the site for emergency services is via a weak link in the chain and locks securing the site, which is strong enough to provide security but easily able to be broken in the event of an emergency.</p>	

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72	<p>As part of the Construction and Operation EMPs in Condition Nos 95 and 98 , the Proponent must prepare, in consultation with the local RFS, a <b>Bushfire Risk Management Plan</b> based on the guidelines <i>Planning for Bushfire Protection</i> (RFS, 2001 or its latest edition). The sub plan must include:</p> <p>(a) details of the bushfire hazards and risks associated with the project;</p> <p>(b) mitigation measures including contingency plans;</p> <p>(c) procedures and programs for liaison and regular drills with the local RFS; and</p> <p>(d) procedures for regular fire prevention inspections by the local RFS and implementation of any recommendations.</p>	Yes	<p><i>Independent audit (29/11/11) identified a partial non-compliance as actions within the Bushfire Risk Management Plan had not yet been implemented</i></p> <p><i>Bush fire management Plan received 29/7/2009</i></p> <p>The Proponent advised they are working with their consultant to finalise the operation Bushfire Risk Management Plan, which needs to be undertaken in consultation with landholders and the regional fire service. It is observed that the management plan was 'in preparation' at the time of the independent report in 2011.</p> <p>The only outstanding action is the provision of a &gt;10,000 litre storage tank for fire fighting purposes. The Proposed stated this will be procured once approval from the landowner has been secured. Expected timeframe to be by the end of September before bush fire season. CRWF has a fire trailer stored onsite which forms part of the response to bush fires (<i>this was sighted by the auditors during the site inspection</i>).</p>	<p>It is required that:</p> <ul style="list-style-type: none"> <li>the Proponent ensures that a storage tank for fire fighting purposes (with a capacity greater than 10,000 litres) is installed prior to bush fire season for 2012/2013; and</li> <li>the operational Bushfire Risk Management Plan be finalised within 3 months from the date of this audit report.</li> </ul>
79	<p><b>Radio Communication</b></p> <p>In the event that any issue with radio communication service links (installed before construction of the project) arise as a result of the project (such as obstruction of transmission paths), the Proponent must consult with the operator and undertake appropriate remedial measures to rectify any issue. Such measures may include:</p> <p>(a) modification to or relocation of the existing antennae;</p> <p>(b) installation of a directional antennae; and/ or</p> <p>(c) installation of an amplifier to boost the signal strength.</p>	Yes	<p><i>Independent Environmental Audit dated 16/11/11 states that no radio communication issues have been identified.</i></p> <p>The Proponent advised the Department that no issues have been identified during the operation of the wind farm.</p>	

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80	<p><b>ENVIRONMENTAL MONITORING AND AUDITING Bird and Bat Monitoring</b></p> <p>Birds and bats must be monitored in accordance with the Bird and Bat Adaptive Management Program proposed under Condition No 99(a).</p>	Yes	<p><i>Letter requesting amendment to monitoring schedule dated 28-10-2009.</i></p> <p><i>Dept response agreeing to revised schedule 29-10-2009/</i></p> <p><i>Bird and Bat adaptive first 12 month monitoring report received 2/3/11 - the second Bird and Bat monitoring report was received 30 January 2012.</i></p> <p><i>The second monitoring report prepared by nghenvironmental identified two items that warranted additional monitoring and management:</i></p> <p><i>a. population level impacts to the Wedge Tail Eagle; and</i></p> <p><i>b. White-striped Freetail Bat.</i></p> <p><i>In addition, the report also indicated that due to evidence of Powerful Owl feather scatter, that the use of the site by the species needed to be addressed. Specific recommendations were provided.</i></p> <p>The Proponent advised that the monitoring results from the schedule are being used to inform and adapt future monitoring work on site. Some of the main adaptive changes have included:</p> <ul style="list-style-type: none"> <li>• Opportunistic roaming surveys to focus on Wedge Tailed Eagles</li> <li>• Adapted bat surveys to focus on White Striped free-tailed bats</li> </ul> <p>The Proponent also advised that along with birds and bats continuing to be monitored as per the adaptive management plan, monthly carcass searches continue to be undertaken. The Proponent informed the Department that the next Bird and Bat report is due to be submitted on 30 November 2012.</p>	<p>The OEMP should be updated to reflect the recommendations of the Bird and Bat Adaptive Management Monitoring Report prepared by nghenvironmental, dated 30 January 2012.</p>



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81	<p><b>Noise Monitoring – Operation</b> Noise compliance monitoring must be conducted in accordance with the Noise Management Plan under Condition No 99(b), or as directed by the Director-General in response to noise complaints.</p>	Yes	<p><i>Independent Environmental Audit dated 16/11/11 states this is compliant and that the DG has not directed any additional monitoring.</i></p> <p>The Proponent advised that required noise monitoring was conducted in accordance with the Noise Management Plan.</p> <p>The Director-General has not directed any additional noise monitoring to be conducted during the operational phase of the project.</p>	
88	<p><b>COMMUNITY INFORMATION AND CONSULTATION</b> Subject to confidentiality, the Proponent must make all documents required under this approval publicly available on request</p>	Yes	<p><i>Independent Environmental Audit dated 16/11/11 states that requests from students have been received and all requests past onto the Community Liaison Officer.</i></p> <p>The Proponent advised the Department that Origin have responded to numerous requests from the general public and wherever possible provided all information requested.</p> <p>The Proponent also advised that some requests were made with timeframes that were unachievable in which case the applicant was advised Origin could not meet the timeframe provided.</p>	<p>To ensure transparency with the project and to promote public awareness of the operational phase of the project it is recommended that the Proponent make certain information publicly available on its website such as:</p> <ul style="list-style-type: none"> <li>a) a copy of the projects statutory approvals;</li> <li>b) a copy of the current environmental management strategy and associated plans and programs;</li> <li>c) a summary of any monitoring results required for the project, which have been reported in accordance with the various plans and programs approved;</li> <li>d) a copy of the projects Annual Reports;</li> <li>e) a copy of any Independent Environmental Audit reports.</li> </ul>

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90	<p><b>Complaints Management System</b></p> <p>Prior to the commencement of construction, the Proponent must ensure that the following are available for community complaints:</p> <p>(a) a 24-hour telephone number on which complaints about the project may be registered;</p> <p>(b) a postal address to which written complaints may be sent; and</p> <p>(c) an email address to which electronic complaints may be transmitted.</p> <p>The telephone number, the postal address and the e-mail address must be advertised in a newspaper circulating in the locality on at least one occasion prior to the commencement of construction <b><u>and at six-monthly intervals thereafter.</u></b> These details must also be provided on the Proponent's internet site. The telephone number, the postal address and the email address must be maintained throughout the life of the Project.</p>	Yes	<p><i>Contact information on the Proponent's website includes:</i></p> <p><i>Amanda Robinson</i>  <i>Community Relations Advisor</i>  <i>Phone: 0429 155 037 or 1800 677 315</i>  <i>Address: Cullerin Range Wind Farm</i>  <i>RMB Lerida Road North</i>  <i>Cullerin NSW 2581</i>  <i>Email: <a href="mailto:amanda.robinson@originenergy.com.au">amanda.robinson@originenergy.com.au</a></i></p> <p><i>In addition, the Department accessed The Voice (a local Community Newsletter) which included contact details for Cullerin Wind Farm in the April 2012 edition – refer:</i></p> <p><i><a href="http://upperlachlan.local-e.nsw.gov.au/images/documents/upperlachlan/Council/PublicDocs/the%20voice%20feb%202012.pdf">http://upperlachlan.local-e.nsw.gov.au/images/documents/upperlachlan/Council/PublicDocs/the%20voice%20feb%202012.pdf</a>.</i></p> <p><i>Previous editions were sighted by the auditor during the audit.</i></p> <p><i>The Proponent advised that after the project entered operation phase, Origin's contribution to the publication changed format and became dedicated to not-for-profit community groups.</i></p> <p><i>The Proponent advised the Department that the April 2012 edition is the last in which the Origin page will feature in The Voice. Future notices will be put in the Gunning Lions Noticeboard, a free publication distributed widely in the area.</i></p>	

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91	<p>The Proponent must record details of all complaints received through the means listed under Condition No 90 of this approval in an up-to-date Complaints Register. The Register must record, but not necessarily be limited to:</p> <p>(a) the date and time, where relevant, of the complaint;</p> <p>(b) the means by which the complaint was made (eg. telephone, mail or email);</p> <p>(c) any personal details of the complainant that were provided, or if no details were provided, a note to that effect;</p> <p>(d) the nature of the complaint;</p> <p>(e) any action(s) taken by the Proponent in relation to the complaint, including any follow-up contact with the complainant; and</p> <p>(f) if no action was taken by the Proponent in relation to the complaint, the reason(s) why no action was taken.</p> <p>The Complaints Register must be made available for inspection by the Director-General upon request.</p>	Yes	<p><i>Independent Environmental Audit dated 16/11/11 states that a register is maintained and meets this condition.</i></p> <p>The Proponent advised the Department that two complaints have been received, both in 2011. The complaints these were addressed by following the CRWF complaints handling procedure whereby complaints are recorded on both the CRWF Stakeholder Engagement Log and the Origin Collective Intelligence System (OCIS). Both complaints have now been addressed as outlined below.</p> <ol style="list-style-type: none"> <li>1. Noise. The Proponent advised that in liaison with the complainant a number of mitigation options were devised and the most suitable agreed to by both parties and which are currently being implemented.</li> <li>2. TV reception. The Proponent advised options for improved reception were recommended by the TV technician and presented to the complainant. The complainant chose their preferred option, to which Origin agreed and which has subsequently been implemented.</li> </ol> <p>In addition to the two complaints received, the Proponent advised that during the Departments engagement with a landowner as part of the wind farm audit, an additional concern was raised. Although the concern was not a formal complaint, the Proponent advised Origin will follow it through to a satisfactory outcome for the party involved.</p>	

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92	<p><b>Community Information Plan</b> Prior to the commencement of construction, the Proponent must prepare and implement a <b>Community Information Plan</b> which sets out the community communications and consultation processes to be undertaken during construction and operation of the project. The Plan must include but not be limited to:</p> <p>(a) procedures to inform the local community of planned investigations and construction activities;</p> <p>(b) procedures to inform the relevant community of construction traffic routes and any potential disruptions to traffic flows and amenity impacts; and</p> <p>(c) procedures to consult with local landowners with regard to construction traffic to ensure the safety of livestock and to limit disruption to livestock movements;</p> <p>(d) procedures to inform the community where work has been approved to be undertaken outside the normal Construction hours, in particular noisy activities;</p> <p>(e) procedures to inform and consult with those landowners who are eligible for landscaping on their property as determined under Condition No 22 of this approval; and</p> <p>(f) procedures to notify relevant landowners of the process available to review potential impacts on radio and television transmission.</p>	Yes	<p><i>A Stakeholder Communications &amp; Management Plan OE-CUL-PA-PLN-0002 dated 8/7/08 was prepared.</i></p> <p><i>The Independent Environmental Audit dated 16/11/11 states that this plan was updated in May 2010.</i></p> <p>The Proponent advised the Department that the Community Information Plan, which is contained within the Environmental Management Plan, has recently been revised to better reflect the needs of an 'operating' asset.</p>	

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93	<p><b>Community Enhancement Program</b></p> <p>Prior to the commencement of construction, the Proponent shall prepare and submit for the approval of the Director-General, a Community Enhancement Program (CEP) to fund (or provide in kind) community infrastructure and services in the locality of the project.</p> <p>The Proponent must pay a contribution of \$25,000 each year commencing upon commissioning of the project to the end of its life. The contribution must be adjusted to take account of any increase in the Consumer Price Index over time, commencing at the September, 2006 quarter.</p> <p>In preparing the Program, the Proponent shall consult with the Upper Lachlan Council and local community representatives.</p>	Yes	<p><i>Letter from Council 21-04-2008 re funding for Breadalbane Community Centre and park.</i></p> <p><i>Letter dated 13 Oct 2008 indicates that \$325000 for the first 13 years of operation has been given to Council to be held in Trust. The funds were allocated to be spent on the Breadalbane Community Centre and Park.</i></p> <p><i>In addition to the requirement of this condition a letter from the Proponent dated 10/12/2009 states that \$100,000 is available for the period 2009-2013</i></p> <p><i>The money is allocated through a community enhancement committee consisting of Origin, Upper Lachlan Mayor, a land owner and 2 community members.</i></p> <p><i>The Independent Environmental Audit dated 16/11/11 states that \$33,000 had been spent during 2011.</i></p> <p>The Proponent advised the Department that a comprehensive Community Investment Plan has been prepared which outlines the procedure for distribution of funds and the charter of the group responsible for distributing the funds. This document is to be considered by the responsible group at its meeting in August 2012. The Proponent that if approved, it would be the procedural guide going forward.</p> <p>Note: the auditors visited the Breadalbane Community Centre and Park during the site inspection for the audit</p>	

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94	<p><b>ENVIRONMENTAL MANAGEMENT</b>  <b>Environmental Representative</b>  Prior to the commencement of Construction of the project, the Proponent must nominate a suitably qualified and experienced Environmental Representative(s) whose appointment requires prior approval of the Director-General. The Proponent must employ or engage the Environmental Representative(s) throughout the life of the development. The Environmental Representative must be:</p> <p>(a) the primary contact point in relation to the environmental performance of the project;  (b) responsible for all Management Plans and Monitoring Programs required under this approval;  (c) responsible for considering and advising on matters specified in the conditions of this approval, and all other licences and approvals related to the environmental performance and impacts of the project;  (d) responsible for receiving and responding to complaints in accordance with Condition No 91 of this approval; and  (e) given the authority and independence to require reasonable steps be taken to avoid or minimise unintended or adverse environmental impacts, and failing the effectiveness of such steps, to recommend to the Director-General that relevant actions be ceased immediately should an adverse impact on the environment be likely to occur. The Proponent must notify and seek the approval of the Director-General of any changes to that appointment that may occur from time to time.</p>	Yes	<p><i>ER – Erwin Budde nominated 15/04/2008</i>  <i>ER – Erwin Budde approved 30/04/2008</i>  <i>Change of ER from Erwin Budde to Zi Ying Koh request received 06/07/11.</i>  <i>The Pre-operations Compliance report received 22 June 2009 states that the ER has been involved in all complaint resolutions.</i></p> <p>The Proponent advised that all external enquiries initially go through the Community Relations Advisor. This provides for more efficient monitoring and tracking of progress on issues/requests and greater awareness of common issues.</p> <p>The Proponent confirmed the ER provides advice on matters relating to the environmental performance of the project.</p>	

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98	<p><b>Operation Environmental Management Plan (OEMP)</b>  The Proponent must prepare and implement an <b>Operation Environmental Management Plan</b> in accordance with the Department's publication entitled <i>Guideline for the Preparation of Environmental Management Plans</i> (2004) or its latest revision. The Plan must include, but not necessarily be limited to:</p> <p>(a) identification of all statutory and other obligations that the Proponent is required to fulfil in relation to the operation of the development, including all consents, licences, approvals and consultations;</p> <p>(b) a management organisational chart identifying the roles and responsibilities for all relevant employees involved in the operation of the project;</p> <p>(c) overall environmental policies and principles to be applied to the operation of the project;</p> <p>(d) standards and performance measures to be applied to the project, and means by which environmental performance can be periodically reviewed and improved, where appropriate;</p>	Yes	<p><i>Letter dated 25/8/10 advising of change to OEMP review date to now be after the AEMR has been completed.</i></p> <p><i>Final OEMP dated 29-07-2009:-</i></p> <p><i>CoA 19 Pre-Operation Compliance Report, CoA 21 Landscaping requirements, CoA 38 Background Noise measurement Plan, CoA 39 Noise Assessment, CoA 40 Noise Compliance Assessment, CoA 98 Operational Environmental Management Plan, CoA 99a) Bird and Bat Adaptive Management Programme approved by Dept 11/08/2009.</i></p> <p>The Proponent advised the Department that the non-routine checklist has not been useful so it is intended that non-routine work will be managed through a work method statement in the revised Environmental Management Plan.</p>	

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	<p>(e) management policies to ensure that environmental performance goals are met and to comply with the conditions of this approval;</p> <p>(f) the Management Plans listed under Condition No 99 of this approval; and</p> <p>(g) the environmental monitoring requirements outlined under Condition Nos 80 and 81.</p> <p>The Plan must be submitted for the approval of the Director-General no later than one month prior to the commencement of Operation of the project or within such period as otherwise agreed by the Director-General. Operation must not commence until written approval has been received from the Director-General. Upon receipt of the Director- General's approval, the Proponent must supply a copy of the OEMP to the Council as soon as practicable.</p>		<p><b><u>Bird and Bat Monitoring CoA 80 -</u></b></p> <p><i>Letter requesting amendment to monitoring schedule dated 28-10-2009</i></p> <p><i>Dept response agreeing to revised schedule 29-10-2009</i></p> <p><i>Bird and Bat adaptive first 12 month monitoring report received 2/3/11</i></p> <p><b><u>Noise Monitoring CoA 81</u></b></p> <p><i>Independent Environmental Audit dated 16/11/11 states this is compliant and that the DG has not directed any additional monitoring.</i></p> <p><i>Noise compliance assessment completed on 16/11/2009</i></p> <p><i>The Director-General has not directed any additional noise monitoring since the last noise reports were submitted on 19 August 2010.</i></p> <p><i>In reference to the OEMP, the noise monitoring plan was to complete noise monitoring at all relevant locations to fulfil the requirements of all the noise conditions within the approval. There is provision in the OEMP for further noise monitoring to be triggered in the event of a noise complaint.</i></p> <p><i>However none of the complaints to date have warranted the need to undertake further noise monitoring.</i></p>	



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99	<p>As part of the OEMP, the Proponent must prepare and implement the following Management Plans and Programs:</p> <p>(a) a <b>Bird and Bat Adaptive Management Program</b>, which takes account of bird/bat monitoring methods identified in the current editions of AusWEA <i>Best Practice Guidelines for the Implementation of Wind Energy Projects in Australia</i> and <i>Assessing the Impacts of Windfarms on Birds - Protocols and Data Set Standards</i>.</p> <p>The Program must be undertaken by a suitably qualified expert, approved by the Director-General. The Program must incorporate Monitoring, and a Decision Matrix that clearly sets out how the Proponent will respond to the outcomes of monitoring. It must:</p> <p>i) incorporate an ongoing role for the suitably qualified expert;</p> <p>ii) identify 'at risk' bird and bat groups and include monthly censuses of their movements;</p> <p>iii) set out monitoring requirements. The requirements must account for natural and human changes to the surrounding environment that might influence bird and/or bat behaviour such as changes in land use practices, and significant changes in water levels in nearby water bodies;</p> <p>iv) incorporate a decision making framework that sets out specific actions and when it may be required to reduce identified impacts on birds and bats;</p> <p>v) set out available mitigation measures;</p> <p>vi) incorporate reporting requirements on outcomes of monitoring;</p> <ul style="list-style-type: none"> <li>• outcomes of monitoring;</li> <li>• application of the decision making framework;</li> <li>• need for mitigation measures;</li> <li>• progress with implementation of such measures; and</li> <li>• effectiveness of the mitigation measures.</li> </ul>	Yes	<p>12-11-2009 – nomination of NGHenvironmental for bird and bat adaptive Management Program team.</p> <p>13/1/09 – the Department approved NGH environmental as team to undertake Bird and Bat Adaptive Management Program.</p> <p><i>Bird and Bat Adaptive Management Programme approved by Dept 11/08/2009.</i></p> <p><i>Correspondence email from Origin 29-10-2009 and Department response 30/10/2009 regarding requirements for reporting and payment of money re: wedge-tailed eagle deaths.</i></p> <p><i>99a)vi) – first 6 months of monitoring report received 15 July 2010, Bird and Bat Adaptive Management Monitoring Report – Report on Wedge-tailed Eagle Mortality September 2010.</i></p> <p><i>Request for extension to first year monitoring report due to Christmas break – dated 13/12/10.</i></p> <p><i>Correspondence on changes to adaptive monitoring program received from the Proponent dated 15 December 2010.</i></p> <p><i>The request was approved by the Department in correspondence of 16/12/10.</i></p> <p><i>The Bird and Bat monitoring report for the project for the first 12 months was received <u>2/3/2011</u> and the second Bird and Bat monitoring report was received 30 January 2012.</i></p>	<p>The OEMP should be updated to reflect the recommendations of the Bird and Bat Adaptive Management Monitoring Report prepared by nghenvironmental, dated 30 January 2012.</p>

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	<p>Reports must be prepared on an annual basis, from the commencement of Operation, and must be prepared within 2 months of the end of the reporting period and be provided to the Director-General. The Director- General may vary the reporting requirement or period by notice in writing to the Proponent;</p> <p>vii) identify any necessary mitigation measures and implementation strategy.</p> <p>The Proponent is required to implement reasonable and feasible mitigation measures where the need for further action is identified through the Bird and Bat Adaptive Management Program.</p>		<p><i>The second monitoring report prepared by nghenvironmental identified two items that warranted additional monitoring and management:</i></p> <p><i>c. population level impacts to the Wedge Tail Eagle; and</i></p> <p><i>d. White-striped Freetail Bat.</i></p> <p><i>In addition, the report also indicated that due to evidence of Powerful Owl feather scatter, that the use of the site by the species needed to be addressed. Specific recommendations were provided.</i></p> <p>The Proponent advised the Department that the next Bird and Bat report is due to be submitted on 30 November 2012.</p>	

<p>(b) a <b>Noise Management Plan</b> to outline measures to minimise noise emissions from the project. The Plan must include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> <li>i) details of procedures to ensure ongoing compliance with the operational noise limits specified in Condition No 35 and/or Condition Nos 36, 37 and 39 as they apply to identified receptors. This should include identification of monitoring requirements; and</li> <li>ii) procedures and corrective actions to be undertaken if non-compliance is detected.</li> </ul>		<p><i>A Noise Management Plan was included as part of the Final OEMP dated 29-07-2009.</i></p> <p>The Proponent advised the Department that the level of noise generation has reduced during the operational phase from that of construction noise.</p>	
<p>(c) a <b>Water Management Plan</b> to outline measures to control and manage surface water and stormwater associated with the operation of the project. The Plan must address the requirements of the Council, should there be any. The Plan must include, but not necessarily be limited to:</p> <p><b>surface water, flooding, erosion and sedimentation management</b></p> <ul style="list-style-type: none"> <li>i) measures to be implemented to minimise the potential for erosion from the site during the operation of the project and measures to maintain all erosion mitigating works; and</li> <li>ii) measures to rehabilitate erosion-affected areas and areas subjected to excavation (including tree and shrub species) and implementation.</li> </ul> <p><b>stormwater management</b></p> <ul style="list-style-type: none"> <li>i) description of the proposed stormwater control infrastructure, including details of its maintenance.</li> </ul>		<p><i>A Water Management Plan was included as part of Final OEMP dated 29-07-2009.</i></p> <p>The Proponent advised the Department that minor mitigation works were carried out after 12 months of operation to ensure water is directed appropriately to minimise erosion.</p> <p>The works related to the management of onsite access tracks to ensure surface water runoff is via predetermined routes.</p>	

<p>(d) a <b>Landscape Management Plan</b> to outline measures for maintenance of landscaping on the site. The On-Site Landscape Plan shall be prepared by a landscape architect and meet the requirements of Council, should there be any. The Plan must include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> <li>i) details of landscaping to be undertaken at the site. These must identify the locations for planting, screening species to be used and how the wind turbines will be screened;</li> <li>ii) maximisation of use of flora species that are native to the locality and with low maintenance requirements in landscaping the site;</li> <li>iii) a program for the removal of weeds introduced or spread as a result of the development at the site;</li> <li>iv) a program for maintenance of all landscaped areas on the site to ensure these areas are kept in a tidy, healthy state</li> </ul>		<p><i>Landscape Management Plan included as part of Final OEMP dated 29-07-2009</i></p> <p>The Proponent advised the Department that revegetation was carried out over two separate occasions.</p> <p>The Proponent also advised that the Landscape Management Plan and Bushfire Risk Management Plan are currently in the process of being reviewed to ensure that a sensible approach is taken in managing the different environmental aspects on site.</p> <p>The Proponent also noted that stock now have access to grazing across the majority of the site.</p>	
<p>(e) a <b>Waste Management Plan</b> to outline measures to manage and minimise waste generated during operation of the development. The Plan must include, but not necessarily be limited to:</p> <ul style="list-style-type: none"> <li>i) identification of the types and quantities of waste that would be generated during operation;</li> <li>ii) description of measures and actions to be taken to minimise waste generated during operation; and</li> <li>iii) description of how waste would be handled and stored during operation, and reused, recycled, and if necessary, appropriately treated and disposed of in accordance with the EPA Guidelines <i>Assessment, Classification and Management of Liquid and Non-Liquid Wastes</i>.</li> </ul>		<p><i>The Waste Management Plan is included as part of the Final OEMP dated 29-07-2009</i></p> <p>The Proponent advised that waste production from the site is minimal however what waste there is, is managed as per the Waste Management Plan.</p>	

<p><b>101</b></p>	<p><b>ENVIRONMENTAL REPORTING</b>  <b>Incident Reporting</b>  The Proponent must notify the Director-General and any relevant Government authority of any incident with actual or potential significant off-site impacts on people or the biophysical environment as soon as practicable after the occurrence of the incident ("initial notification"). The Proponent must provide written details ("written report") of the incident to the Director-General and any relevant Government authority within seven days of the date on which the incident occurred.</p>	<p>Yes</p>	<p><i>Independent Environmental Audit dated 16/11/11 states that both the CEMP and OEMP include procedures for incident management and that a register of incidents and complaints is maintained by Origin.</i></p> <p><i>The audit also notes that while notifications to the Department have occurred, these incidents did not meet the requirement of Condition 101 (in that they were not reportable incidents).</i></p> <p>Three bird strike incidents have been notified to the date of the audit. The "incidents" were reported due to the high level of interested associated with eagles.</p> <p>None of the incidents were considered to have significant off-site impacts and the Director-General did not require any additional measures to be implemented as a result of these notifications.</p>	
<p><b>102</b></p>	<p>The Proponent must meet the requirements of the Director-General to address the cause or impact of any incident, as it relates to this approval, reported in accordance with Condition No 101 of this approval, within such period as the Director-General may require.</p>	<p>Yes</p>	<p>The Director-General did not require any additional measures to be implemented as a result of the notifications.</p>	

103	<p><b>Annual Reporting</b></p> <p>The Proponent must prepare and submit to the Director-General, an <b>Annual Environmental Management Report</b> (AEMR) throughout the life of the project, or as otherwise required by the Director-General. The AEMR must review the performance of the project against the Operation Environmental Management Plan, the conditions of this approval and other licences and approvals relating to the project. The AEMR must include, but not necessarily be limited to:</p> <p>(a) details of compliance with the conditions of this approval;</p> <p>(b) a copy of the Complaints Register (referred to in Condition No 91) for the preceding twelve-month period (exclusive of personal details), and details of how these complaints were addressed and resolved;</p> <p>(c) a comparison of the environmental impacts and performance of the project against the environmental impacts and performance predicted in those documents listed under Condition 2 of this approval;</p> <p>(d) results of all environmental monitoring required under this approval and others, including interpretations and discussion by a suitably qualified person;</p> <p>(e) a list of all occasions in the preceding twelve-month period when environmental performance goals for the project have not been achieved, indicating the reason for failure to meet the goals and the action taken to prevent recurrence of that type of incident;</p> <p>(f) identification of trends in monitoring data over the life of the project to date;</p> <p>(g) a list of variations obtained to approvals applicable to the project and to the site during the preceding twelve-month period; and;</p> <p>(h) environmental management targets and strategies for the following twelve-month period, taking into account identified trends in monitoring results.</p>	Yes	<p><i>AEMR submitted on 30/9/11 for period 01/07/2010 to 30/06/2011</i></p> <p><i>AEMR submitted on 29/11/10 for financial year period 01/07/2009 – 30/06/2010</i></p> <p>The 2010 AEMR detailed 2 complaints:- one about noise and one about TV reception.</p> <p>The Proponent was requested to clarify the complaints and advised:</p> <ul style="list-style-type: none"> <li>Noise – in liaison with the complainant, a number of mitigation options were devised and the most suitable agreed to by both parties with mitigation measures currently being implemented.</li> <li>TV reception - Options for improved reception were recommended by the TV technician and presented to the complainant. The complainant chose their preferred option, to which Origin agreed and which was subsequently implement.</li> </ul> <p>The Proponent advised the Department that during the audit process one landowner contacted origin to advise of issues with TV reception which the complainant believed may not be due to the operation of the wind farm. Notwithstanding this, Origin agreed to investigate the matter further on behalf of the landowner. The Proponent advised that a technician has been engaged to review this issue.</p>	
2	<p><b>Statement of Commitments</b></p> <p>The Proponent must carry out the project generally in accordance with.....<b>Statement of Commitments</b> outlined in Chapter 9.2 of Volume 1 of the Environmental Assessment (see below)</p>	Yes		

SoC2	<p>Areas 8, 9, 10 and 17 (refer to Figure 7.1) were identified as being exposed to moderate to high visual impact. Houses in these areas with a direct view of the site (from the house or outdoor entertaining area) could be highly impacted. Mitigation will centre on liaison with residences in these areas to help reduce the visual impact.</p> <ul style="list-style-type: none"> <li>• Screening by way of tree planting will be offered to all residences within 2km of a turbine (also expected to address potential for blade glint).</li> <li>• Screening will be provided to other residences in areas 8, 9, 10 and 17 which have high visual impact, at their request (also expected to address potential for blade glint).</li> </ul>		<p><i>The Landscaping Plan was approved as part of the OEMP.</i></p> <p>The Proponent advised the Department that the offer for plantings to mitigate visual impacts was extended to all residents within a 4 km radius in addition to those indicated under the Statement of Commitments (areas 8, 9, 10 &amp; 17).</p>	
SoC3	<ul style="list-style-type: none"> <li>• Locate infrastructure in areas that minimise removal of native vegetation and maximise the potential for screening by onsite vegetation and landforms.</li> <li>• Plant additional screening (native) vegetation to minimise the view of substation and control building</li> </ul>		<p>The Proponent advised that no additional screening vegetation had been planted around the substation and control building due to the level of existing mature vegetation which effectively screens the facility.</p> <p>The auditors noted the substation was relatively remote from public places and would not be readily visible and therefore additional landscaping to minimise views does not appear required.</p>	
SoC5	<p>Taurus have committed to shutting down relevant turbines during all periods of shadow flicker at residences within 1km of turbine (Springvale).</p>		<p><i>Independent Environmental Audit dated 16/11/11 states no properties would experience shadow flicker as they are further than 500m south and no complaints have been registered.</i></p> <p>The Proponent advised that no complaints of shadow flicker have been received within 1 km of a turbine.</p>	
SoC 9	<p>Accessible and independent educational material will be disseminated to the public about the impacts of wind farms. Using Upper Lachlan Shire Council records, information will be mailed to residences within 10km of the site</p>		<p>The Proponent advised the Department that prior to commissioning Origin carried out educational presentations to various schools within the Upper Lachlan Shire Council area which included providing educational material.</p> <p>During the operational phase, Origin has hosted a number of school and community group visits.</p>	<p>The Proponents commitment also required a mail out to residences within 10 km's of the site. The Proponent is to complete the educational program to address this commitment within six months of the date of this report.</p>
SoC 11	<p>Liaise with local industry representatives to maximise the use of local contractors and manufacturing facilities in the construction phase of the project.</p>		<p>The Proponent advised the Department that local companies were/ and still are, used for labour and services wherever possible.</p>	

SoC 17	<ul style="list-style-type: none"> <li>• Rabbits should be controlled on the turbine ridges, carrion should be removed from the site as quickly as possible, and young lambs should not graze on the turbine ridges.</li> <li>• Dams / wet depressions on the main ridge line will be filled to remove the potential to attract microbats, waterbirds and prey for raptors under the turbines. Alternative watering points will be constructed in consultation with affected property owners. (This is only required on properties involved in the project and therefore lease agreements are considered sufficient to compensate for this action).</li> </ul>		<p><i>The six monthly construction compliance report stated that a turkey nest dam was constructed near the site compound.</i></p> <p>The Proponent advised these measures are managed by landowners.</p>	
SoC 19	<ul style="list-style-type: none"> <li>• Liaison with involved landowners to restrict stock access to the construction zones during the period of construction.</li> <li>• Liaison with involved landowners to explore the possibility of enhancing the native component of the understorey in pasture production. This could be incorporated into the site restoration plan which will dictate protocols for the rehabilitation of areas disturbed during construction.</li> <li>• Signage should be placed on local roads within 1km of turbines to warn horse riders of the risks due to sudden start-up of turbines and shadow flicker.</li> </ul>		<p>The Proponent advised that signage may only be placed with approval of the Lachlan Shire Council.</p> <p>Origin advised numerous attempts were made in 2010 to engage with the Lachlan Shire Council to clarify the due process required. However, attempts to install signage were ceased, following a lack of response.</p>	<p>It is recommended the Proponent continue to engage with Lachlan Shire Council to implement appropriate signage within 1 km of a turbine to warn horse riders.</p>
SoC 27	<ul style="list-style-type: none"> <li>• Use of equipment complying with the Electromagnetic Emission Standard, AS/NZS 4251.2:1999.</li> <li>• Monitoring post construction of houses within 5km of the wind farm to determine any loss in television signal strength.</li> <li>• In the event that TVI is experienced by existing receivers within 5km of the wind farm, the source and nature of the interference will be investigated by Taurus Energy. Should investigations determine that the cause of the interference is due to the wind farm, Taurus Energy will put in place mitigation measures at each of the effected receivers in consultation and agreement with the landowners. Mitigation measures may include: <ul style="list-style-type: none"> <li>○ Modification to or replacement of receiving antenna;</li> <li>○ Provision of a land line between the effected receiver and an antenna located in an area of favourable reception;</li> <li>○ Improvement of the existing antenna system; or</li> <li>○ In the event that interference cannot be overcome by other means, negotiating an arrangement for the installation and maintenance of a satellite receiving antenna at Taurus Energy's cost.</li> </ul> </li> </ul>	Compliant	<p>A copy of an Electromagnetic interference report prepared by SKM was reviewed by the Department. The report indicated the area is subject to poor reception.</p> <p>Measures proposed by the Proponent upon receipt of complaints appear to be addressing concerns as they are raised.</p>	
SoC 38	<ul style="list-style-type: none"> <li>• Appropriate substation design criteria of Country Energy will be adhered to.</li> <li>• Onsite, underground cabling will be used where practicable to reduce the electric component of EMFs.</li> <li>• The turbines, substation and transmission lines will be located as far as practicable from residences (to reduce the potential for both chronic and acute exposure) of the electric and magnetic component of EMFs.</li> </ul>		<p>The Proponent advised the Department that the cabling has been located underground and EMF has not been identified as a cause for concern with neighbouring residents.</p>	



<b>SoC 39</b>	If shadow flicker is found to be a nuisance to residents or motorists, conditions will be pre-programmed into the control system and individual wind turbines automatically shut down whenever these conditions are present.	Compliant	The Proponent advised the Department that shadow flicker has not been raised as a nuisance issue by motorists or residents.	
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