

Impact	Objective	Mitigation tasks	By	Timing	Auditing	Criteria
23 Mod	Loss of biodiversity value Minimise impact	<p>Power poles and overhead powerlines would be designed to be bird-safe using measures such as flags or marker balls, large wire size, wire insulator, wire and conductor spacing</p> <p>Bird and Bat Monitoring Program</p> <ul style="list-style-type: none"> Pre-construction surveying would be undertaken to assist in managing bird and bat impacts (Powerful Owl would be a key species in this Pre-construction surveying). Results would be incorporated into the ongoing monitoring program A monitoring program would be designed to document mortalities, remove carcasses and assess the effectiveness of controls in accordance with Section 9.3.1 <p>If mortalities exceed a pre-determined threshold (set out in the monitoring program) additional mitigation measures would be considered, such as diversion structures, turning off turbines at critical times, further habitat modification and enhancement of off-site habitats</p> <p>Disturbed ground would be stabilised and rehabilitated following works</p>	Ecological consultant	Designed prior to operation Implemented during operation	DoP DECC	Minimise bird and bat collisions
26 Mod	Loss of biodiversity value	Disturbed ground would be stabilised and rehabilitated following works	The Proponent	After decommissioning	DoP DECC	Rapid rehabilitation of disturbed areas
31 (mod)	Creation of hazard	The Proponent would notify known users of the Crookwell and Ashwell Ausstrips of the location of the wind turbines. The Proponent, with assistance from its specialist aviation consultant would assist the aerodrome operator and/or local aircraft operators to develop or amend procedures for safe operations on or within the vicinity of the aerodrome, taking into account the location of the turbine.	The Proponent	Prior to construction	DoP	Direct notification of users
36 (mod)	Deterioration of signal strength	<p>Television and radio broadcast services</p> <ul style="list-style-type: none"> Prior to the erection of any wind turbine generators on the site, the Proponent will undertake an assessment of the existing quality of the television/radio transmission available at a representative sample of residential dwellings located within five kilometres of a wind turbine The Proponent will undertake further assessment of television/radio reception following commencement of operation to determine any loss in television signal In the event that television interference (TVI) is experienced by 	The Proponent	At the commencement of operation	DoP	No detected deterioration in signal strength, post mitigation

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		<p>existing receivers in the vicinity of the wind farm, the source and nature of the interference would be investigated by the Proponent</p> <ul style="list-style-type: none"> Should investigations determine that the cause of the interference can be reasonably attributable to the wind farm, the Proponent would put in place mitigation measures at each of the affected receivers in consultation and agreement with the landowners. <p>Specific mitigation measures may include:</p> <ul style="list-style-type: none"> Modification to, or replacement of receiving antenna Provision of a land line between the affected receiver and an antenna located in an area of favourable reception Improvement of the existing antenna system Installation of a digital set top box or 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 the Proponents cost 				
139. Impact on future rural subdivisions	Minimise risks	<p>Future Rural Subdivisions</p> <p>The Proponent will provide reasonable and feasible noise mitigation measures to achieve a noise criterion (LA_{eq} (10-minute)) of 30dB(A) inside bedrooms (as outlined in the Guidelines for Community Noise (WHO, 1999) for no more than one dwelling on each parcel of land that:</p> <ul style="list-style-type: none"> Is not associated with the project; Was lawfully in existence at the date of the approval; Was lawfully permitted to be developed for the purpose of a residential dwelling at the date of the approval; Is or was the subject of a valid construction certificate for a residential dwelling, lodged with the consent or a certifying authority within three years of the date of approval; and Would, but for the requirements of this condition, experience noise contributions from the project at the approved location of the residential dwelling in excess of the noise limits recommended in the SA EPA guidelines. 	The Proponent	Operation	DoP	Minimise impacts

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140. Impact on local water supplies	Comply with water authority	<ul style="list-style-type: none"> No ground water would be sourced without relevant permits being sought. 	The Proponent	Prior to construction	CEMP	Relevant approvals obtained
141. Impact on groundwater	Minimise risks	<ul style="list-style-type: none"> Undertake geotechnical investigations to ensure that the project would have no material adverse effect on groundwater/aquifers as a result of blasting activities. 	The Proponent	Detailed design phase	CEMP	No detectable impact on groundwater
142. Loss of biodiversity value	Avoid or minimise impact	<ul style="list-style-type: none"> <i>During the detailed design phase, a copy of the plans of the final infrastructure layout (including all turbines, hard stand areas, buildings, tracks, power lines and associated infrastructure) would be provided to DoP to demonstrate the achievement of biodiversity SoCs in the EA.</i> 	Ecological consultant	Prior to construction	DoP	Minimise direct biodiversity impact
143. Loss of biodiversity value	Avoid or minimise impact	<ul style="list-style-type: none"> Additional targeted surveying (utilising 'Spider hole' pitfall traps) would be carried in works area likely to be impacted by GUR-08 infrastructure to establish if the Grassland Earless Dragon utilises this habitat at Gurundah. If it is identified as occurring, turbine infrastructure would be relocated to avoid this habitat and a buffer of at least 2.5 metres maintained. 	Ecological consultant	Prior to construction	DoP DECC	Minimise direct biodiversity impact
144. Safety and asset protection	Minimise risks	<ul style="list-style-type: none"> If haulage is proposed on routes that have not been assessed as part of the EA, assessment would be undertaken, in consultation with the Department of Planning, the roads authority and Council, prior to its inclusion in the haulage route. This would be completed as part of the Construction Environmental Management Plan. 	The Proponent	During construction	CEMP	Minimise impacts on road users

