

**APPENDIX C**  
**UPDATED MITIGATION MEASURES**  
**TABLE**

**BOWMANS CREEK WIND FARM**  
Amendment Report



### MANAGEMENT AND MITIGATION SUMMARY

A summary of adaptive management and mitigation strategies that the Proponent will undertake during the construction, operation, maintenance and decommissioning of the Project is summarised in **Table C1**. It also indicates the section of this EIS, Submissions Report or the Amendment Report where additional detail is provided.

Written approval by DPIE or conditions of any development consent issued will take precedence over the commitments in **Table C1**.

**Table C1 Project Mitigation and Management Summary**

Ref	Commitment	Section in Submissions Report	Section in Amendment Report	Section in EIS
<b>DEVELOPMENT</b>				
1.	Construct, operate, maintain and decommission the Bowmans Creek Wind Farm generally in accordance with the 'Project Description'.	-	Appendix A	3
2.	Develop and utilise: <ul style="list-style-type: none"> <li>An Environmental Management System;</li> <li>Internal 'Land Disturbance Procedure' during the construction of the Project;</li> <li>A Construction Environmental Management Plan; and</li> <li>An Operations Environmental Management Plan.</li> </ul>	-	7.5.4	7.25
3.	Conduct monitoring as required by conditions of consent.	-	-	7
4.	Seek Agreements with Associated (host) Landholders and Neighbour Landholders where this EIS has predicted exceedances of relevant criteria.	-	2.4	2.4
5.	Implement a Neighbour Benefit Program.		2.4	2.4
6.	The three Crown lots identified in Section 4.4.8 of the EIS will not be impacted by the Project.	4.12	2.4	-
7.	During detailed design, consultation will occur with Crown Lands in relation to interactions with Crown Roads within the Project Boundary.	4.12	-	-
8.	Following approval, the Proponent will have further consultations with the relevant Councils and enter into a Deed of Agreement (or other) with each, over any proposed works within the local government road corridor.	4.9 & 4.10	-	-
9.	Subdivision of land within the Singleton Local Government Area (LGA) associated with the Project will be undertaken consistent with Clause 4.2A of the Singleton Local Environmental Plan.	4.9		
<b>STATUTORY</b>				
10.	Seek relevant approvals and post-approvals in accordance with Appendix B (Amendment Report).		Appendix B	4.6

Ref	Commitment	Section in Submissions Report	Section in Amendment Report	Section in EIS
<b>STAKEHOLDER ENGAGEMENT</b>				
11.	During detailed design, the Proponent will consult with the Lake Liddell Recreation Area Trust and the manager of the Lake Liddell Recreation Area to ensure the best placement of power poles in the vicinity of Trust managed land and to avoid the placement of power poles within Lot 2 DP 238862.	-	-	5.7
12.	Conduct ongoing stakeholder engagement during the Project generally in accordance with Section 5.7 of the EIS.	5.2	5	5.7
13.	During detailed design of the Project, the Proponent will consult with the owner of the Queensland-Hunter Gas Pipeline to resolve any interaction issues.	-	-	5.7
14.	Prior to construction, consult with Glencore in relation to the realignment of Hebden Road if not completed prior to construction.	-	-	5.7
15.	Consultation with TransGrid will occur to ensure: <ul style="list-style-type: none"> <li>Substations are constructed as per TransGrid's standards (if the substation is proposed to be transferred to TransGrid);</li> <li>Clause 5.3.4 of the National Electricity Rules is satisfied;</li> <li>The terms of ownership, maintenance and operation of the new substation/s are determined; and</li> <li>Finalisation of the connection to the TransGrid network via execution of a Connection Processes Agreement.</li> </ul>	4.18	-	-
<b>LANDSCAPE AND VISUAL</b>				
16.	Undertake the following management and mitigation measures: <ul style="list-style-type: none"> <li>Screening and other mitigation to Non-Associated dwellings as summarised in Table A2 of Appendix D1; and</li> <li>Conduct additional refinement and considerations during detailed design.</li> </ul>	-	6.1.3	7.1.4
17.	During the detail design process, the following will be undertaken where reasonable and feasible: <ul style="list-style-type: none"> <li>Refinement in the design and layout to assist in the mitigation of bulk and height of proposed structures; and</li> <li>A review of materials and colour finishes for selected components including the use of non-reflective finishes to structures.</li> </ul>	-	6.1.3	7.1.4

Ref	Commitment	Section in Submissions Report	Section in Amendment Report	Section in EIS
18.	<p>During construction, where reasonable and feasible:</p> <ul style="list-style-type: none"> <li>Minimise tree removal and protect mature trees (consistent with Section 7.5 of the EIS);</li> <li>Avoid temporary light spill beyond the construction site where temporary lighting is required; and</li> <li>Progressively rehabilitate disturbed areas.</li> </ul>	-	6.1.3	7.1.4
19.	<p>During operations, where reasonable and feasible:</p> <ul style="list-style-type: none"> <li>Ongoing maintenance and repair of constructed elements;</li> <li>Replacement of damaged or missing constructed elements; and</li> <li>Long term maintenance (and replacement as necessary) of vegetation within the Project site to maintain visual filtering and screening of external views where appropriate.</li> </ul>	-	6.1.3	7.1.4
20.	<p>Measures to reduce visual impacts from obstacle lighting include:</p> <ul style="list-style-type: none"> <li>Reducing obstacle lighting intensity from medium (2000 candela) to low intensity (minimum 200 candela); and</li> <li>Establishing protocols that minimise the amount of time that the obstacle lights are energised.</li> </ul>		6.1.2	
<b>NOISE</b>				
21.	<p>Undertake noise management and mitigation measures during construction to meet relevant criteria in Section 7.2.4 of EIS:</p> <ul style="list-style-type: none"> <li>Restrict construction hours and days;</li> <li>Only undertake work outside these hours under strict conditions;</li> <li>Implement feasible and reasonable work practices outside of standard work hours;</li> <li>Consider dwelling when locating fixed noise sources;</li> <li>Implement acoustic screens or mounding to mitigation noise from fixed plant;</li> <li>Provide acoustic enclosures for site compressors and generators;</li> <li>Undertake active site management for plant and machines;</li> <li>Consider noise during equipment selection; and</li> <li>Conduct induction training including noise.</li> </ul>	-	6.2	7.2.4
22.	Traffic management measures will include access only via approved routes, delivered scheduled to be dispersed where practicable, and truck noise managed.	-	-	7.2.4
23.	A vibration monitoring program will be undertaken if blasting is undertaken, in accordance with the Assessing Vibration Guideline.	-	-	7.2.4

Ref	Commitment	Section in Submissions Report	Section in Amendment Report	Section in EIS
24.	A written Agreement will be sought with P22-1 prior to the commencement of construction. If an agreement with residence P22-1 cannot be sought, the Noise Bulletin criteria can be achieved by operating WTG T23 in a Sound Optimised Mode So2 at integer wind speeds of 9m/s.	-	6.2.2	7.2.4
25.	The final noise operating strategy will be determined during a pre-construction noise assessment which will consider the final WTG selection and layout, guaranteed sound power levels for the WTG, and final agreements with landowners.	-	-	7.2.4
26.	The procurement process includes a guarantee from the WTG manufacturer that the final WTG selection is free of excessive levels of tonality.	-	-	7.2.4
27.	Affected landholders will be provided the opportunity to request an Independent Review where there are perceived noise impacts.	4.8	-	-
28.	A compliance assessment methodology and noise compliance monitoring program will be developed after confirming the final noise operating strategy. If noise compliance monitoring indicates that noise from WTGs exceed the approved noise limits, the Proponent will identify reasonable and feasible noise mitigation and management measures to achieve compliance with the noise limits, including a timetable for implementation.	5.4.2	-	-
<b>AVIATION SAFETY</b>				
29.	"As constructed" details of WTGs; and wind monitoring tower coordinates and elevations will be provided promptly to ASA.	-	-	7.3.4
30.	Notifications to NOTAM will occur where obstacles are greater than 110 m AGL and crane operational details during construction.	-	-	7.3.4
31.	Notifications to local and regional aircraft operations will occur prior to construction and VFR transit routes.	-	-	7.3.4
32.	WTGs will be painted off-white/grey (unless otherwise agreed by the Secretary).	-	-	7.3.4
33.	Wind monitoring towers will be marked according to the requirements set out in MOS 139.	-	-	7.3.4
34.	Overhead transmission lines and/or supporting poles that are located where they could adversely affect aerial application operations will be identified in consultation with local aerial agriculture operators and marked in accordance with MOS 139.	-	-	7.3.4
35.	Micro-siting will occur generally within 100 m (except where noted in Section 7.9.4 of EIS).	-	-	3.3.2

Ref	Commitment	Section in Submissions Report	Section in Amendment Report	Section in EIS
36.	Following detailed design and final location of WTGs, consult with land hosts of ALA 1 to address potential impacts on the aerodrome's circuit operations.	-	-	7.3.4
37.	For aerial agriculture impacts to ALAs, implement reasonable measures including: <ul style="list-style-type: none"> <li>Funding the cost difference between pre-development aerial agricultural activities and a suitable alternative; and/or</li> <li>Temporarily stopping WTGs during aerial agricultural activities.</li> </ul>	-	-	7.3.4
38.	To facilitate the flight planning of aerial application operators, details of the Project will be provided to landowners as well as engagement to develop relevant procedures.	-	-	7.3.4
39.	The EIS Aviation Risk Assessment will be reviewed and revised if necessary.	-	-	7.3.4
40.	The Proponent will continue to consult with CASA and DoD to ensure that any obstacle lighting of the wind turbines will be carried out in accordance with their requirements.	3.3 4.4 4.6 5.3.3	-	-
41.	Any planned change to the location of the WTGs will be reported to DoD as early as possible.	4.6	-	-
42.	Additional consultation with the NSW Rural Fire Service will be undertaken regarding the possibility of night aerial firefighting operations using night vision apparatus.	4.7	-	-
43.	Consideration of the following guidelines during the detailed design and construction of the overhead transmission lines: <ul style="list-style-type: none"> <li>AS 3891.1, Air navigation — Cables and their supporting structures — Marking and safety requirements, Part 1: Marking of overhead cables and supporting structures; and</li> <li>AS 3891.2, Air navigation — Cables and their supporting structures — Marking and safety requirements, Part 2: Low-level aviation operations.</li> </ul>	4.4	-	-
44.	As soon as construction commences, the proponent will complete a Vertical Obstacle Notification Form for tall structures and submit the completed form to: <a href="mailto:VOD@airservicesaustralia.com">VOD@airservicesaustralia.com</a> .	4.5 4.10	-	-
<b>TRAFFIC</b>				
45.	Schedule OSOM vehicular movements to meet the restrictions on the NEH and Hunter Expressway.	-	-	7.4.4

Ref	Commitment	Section in Submissions Report	Section in Amendment Report	Section in EIS
46.	<p>A Traffic Management Plan will be developed in consultation with relevant regulators which:</p> <ul style="list-style-type: none"> <li>• Minimises the traffic safety impacts of the development and disruptions to local road users;</li> <li>• Finalises the works required from the preliminary swept path analyses;</li> <li>• Excludes removal of two established trees on the eastern side of Scrumlo Road on the north of the dog leg corner;</li> <li>• Includes a drivers Code of Conduct;</li> <li>• Consider future projects such as M1 to Raymond Terrace and the Hexham Road Straight projects;</li> <li>• Includes access protocols to minimise disruption to the local community;</li> <li>• Describes proposed Stakeholder Engagement; and</li> <li>• Include a detailed program to monitor and report on the effectiveness of traffic measures.</li> </ul>	-	-	7.4.4
47.	During construction, operation and decommissioning, the Proponent will be responsible for the security and maintenance of internal access tracks on private property. Following decommissioning, internal access tracks will either be rehabilitated, where requested by the landowner, or remain for ongoing property access.	4.9	-	-
48.	Undertake road dilapidation reports at nominated times throughout the Project life, with maintenance works at the Proponent's cost.	4.9 4.16 5.6.1	-	-
49.	Decommissioning roads works will be carried out in consultation with Council to an agreed standard.	4.9 4.10	-	-
50.	Outside of Project construction, operation and decommissioning, the Proponent will not have liability for public road maintenance beyond the considerable Voluntary Planning Agreement to be entered into with each Council.	4.9 4.10	-	-
51.	The Site Access point at Scrumlo Road will be upgraded and sealed to Austroads standards.	4.10	-	-
52.	Appropriate approvals will be sought prior to any works within Crown Road reserves.	4.12	-	-
53.	Any changes to plans affecting classified (State) road network will be submitted to Roads and Maritime Services Division TfNSW for consideration and approval prior to the change.	4.16	-	-

Ref	Commitment	Section in Submissions Report	Section in Amendment Report	Section in EIS
54.	<p>The TMP will be prepared in consideration of the following:</p> <ul style="list-style-type: none"> <li>Traffic arrangements and safety devices will not compromise site distances for turning traffic into or out of Hebden Road;</li> <li>Should any existing safety device/s require removal during the transportation of materials to the site, a suitable removable and temporary device/s will be used in its place. The temporary device is to be replaced with the permanent fixture during decommissioning;</li> <li>A suitably prequalified traffic signal contractor will be engaged to determine what temporary adjustment to traffic signals is required for each time a wide load is transported. The Proponent will consult with TfNSW Network Operations and Traffic Signal teams for agreement before implementation;</li> <li>Vehicles that will completely block classified and local road/s during turning manoeuvres, will require police escorts, a Traffic Control Plan (TCP) and a Road Occupancy Licence (ROL);</li> <li>Any damage to the State Road assets as a result of the project and the associated heavy vehicles will be "made good" by the Proponent;</li> <li>Any removable signs installed will be replaced with conventional signage posts during decommissioning, in consultation with TfNSW;</li> <li>The requirement to enter into a Works Authorisation Deed (WAD) with TfNSW.</li> </ul>	4.16	-	-
55.	School bus times will be avoided when scheduling the OSOM vehicles.	5.6.3	-	-
<b>BIODIVERSITY</b>				
56.	A Biodiversity Management Plan will be prepared in consultation with relevant regulators. This Plan will include a Vegetation Rehabilitation Management Plan and a Vehicle Strike Management Plan.	-	6.3.4	7.5.4
57.	<p>To reduce impacts to native vegetation and habitat:</p> <ul style="list-style-type: none"> <li>Clearly delineate clearing limits in a two-stage process;</li> <li>Undertake Pre-clearance surveys;</li> <li>Salvage habitat features;</li> <li>Conduct further threatened flora searches;</li> <li>Conduct weed management;</li> <li>Undertake erosion and sediment control;</li> <li>Implement controls to limit impacts due to vehicle strike; and</li> <li>Conduct detailed design surveys to adjust and minimise impacts to threatened fauna.</li> </ul>	-	6.3.4	7.5.4

Ref	Commitment	Section in Submissions Report	Section in Amendment Report	Section in EIS
58.	To offset the impacts from the Project: <ul style="list-style-type: none"> <li>Recalculate the Project biodiversity credits utilising additional survey effort and the final project layout including requisite credit calculations for any impacted threatened flora species; and</li> <li>Retire the credits in accordance with any conditions of consent.</li> </ul>	-	6.3.4	7.5.4
59.	A Bird and Bat Adaptive Management Plan will be prepared in consultation with relevant regulators.	-	6.3.4	7.5.4
<b>ABORIGINAL HERITAGE</b>				
60.	An Aboriginal and Cultural Heritage Management Plan (ACHMP) will be prepared in consultation with relevant regulators and Registered Aboriginal Parties (RAPs).	-	6.4.3	7.6.4
61.	All newly recorded Aboriginal sites will be registered with AHIMS.	-	6.4	7.6.4
62.	As part of the Project detailed design phase, avoid harm to certain Aboriginal sites where practical, particularly along the transmission line.	-	6.4.3	7.6.4
63.	Implement recommendations for the five sites including for either: if the site can be avoided during detailed design, or if the site is to be harmed as described in the approved ACHMP.	-	6.4.3	7.6.4
64.	Prior to construction commencing, assess the Disturbance Area within 200 m of Fish Hole Creek and any additional sites included in the ACHMP.	-		7.6.4
65.	Prior to any disturbance outside of the Survey Boundary further detailed archaeological and Aboriginal Heritage assessments will be undertaken.	4.2	6.4.3	
<b>HISTORIC HERITAGE</b>				
66.	Rock Lily Gully (HS01) will be fenced during construction and/or plantings conducted in consultation with the landowners.	-	6.5	7.7.4
67.	Hilliers Creek (HC01) site will be fenced during construction and avoided. No impacts will occur within 20 m of the transmission line and 10 m of the access tracks.	-	6.5	7.7.4
68.	The Local Environment Plan listed Item, Former Roman Catholic Church will not be impacted within the lot.	-	-	7.7.4
69.	Following detailed design, a Community-based Heritage Study will be undertaken that will document and archivally record any items held to be considered significant by the local community.	-	6.5	7.7.4
70.	No disturbance will occur within 100 m of Strathclyde House.	5.9.3	-	-
<b>ECONOMICS</b>				

Ref	Commitment	Section in Submissions Report	Section in Amendment Report	Section in EIS
71.	<ul style="list-style-type: none"> <li>Employ regional residents where practicable;</li> <li>Participate, as appropriate, in business group meetings, events or programs in the regional community;</li> <li>Purchase local non-labour inputs to production, preferentially where local producers can be cost and quality competitive, to support local industries;</li> <li>Design the Project infrastructure so that the continued agricultural productivity of the Associated Landholdings is maintained to the maximum extent practicable; and</li> <li>Enter into a VPA with the Singleton, Muswellbrook and Upper Hunter Councils for the provision of social infrastructure, commensurable with the Project's impacts.</li> </ul>	-	-	7.8.4
<b>TELECOMMUNICATIONS</b>				
72.	A pre-construction TV survey will be undertaken at a sample of dwellings out to 5 km from the closest WTG to establish a benchmark of TV reception to compare with any potential interference during operations.	-	-	7.9.4
73.	Should TV reception of the two main stations be impacted by WTGs located in the direction of the main TV stations (confirmed through the benchmarking above), the VAST Satellite service will be investigated and implemented by the Proponent in consultation with the affected dwelling.	-	-	7.9.4
74.	<p>During Project detailed design consideration will be given to micro-siting T70 and T6g to achieve the required clearance zone for the impacted link. If this cannot be achieved, consultation with RFS will occur to relocate its 400 MHz communications equipment.</p> <p>If this cannot be resolved to RFS's satisfaction, T70 will either not be constructed or the link may be rerouted via the installation of a repeater station.</p> <p>T6g may also be relocated in consideration of this constraint during micro-siting (by around 160 m).</p> <p>Should this be required, additional due diligence inspections will be conducted as part of the 'Land Disturbance Procedure' to ensure unacceptable impacts to archaeology and ecology do not occur.</p>	-	-	7.9.4
75.	Any disruption to Council and emergency service VHF radio communications resulting from the Project will be rectified.	4.9 4.10	-	-
<b>BUSHFIRE</b>				
76.	Controls will be implemented to minimise the risk of bushfire being ignited due to the Project.	-	-	7.10.4
77.	A Bushfire Management Plan will be developed in consultation with the relevant emergency services and regulatory authorities.	-	-	7.10.4

Ref	Commitment	Section in Submissions Report	Section in Amendment Report	Section in EIS
78.	<p>Relevant bushfire protection measure for proposed developments on bushfire prone land will be implemented including:</p> <ul style="list-style-type: none"> <li>• The provision of clear separation of buildings and bush fire hazards in the form of fuel reduced APZ;</li> <li>• Construction standards and design;</li> <li>• Appropriate access standards for residents, fire fighters, emergency service workers and those involved in evacuation; and</li> <li>• Adequate water supply and pressure;</li> <li>• Emergency management arrangements for fire protection and/or evacuation; and</li> <li>• Suitable landscaping, to limit fire spreading to a building.</li> </ul>	-	-	7.10.4
79.	A Bushfire Management Plan will be developed in consultation with the NSW Rural Fire Service Hunter Valley Fire Control Centre.	4.13	-	-
80.	A 20,000 litre water supply (tank) fitted with a 65mm storz fitting will be located at each substation compound within the required Asset Protection Zone.	4.7	-	-
<b>BLADE THROW</b>				
81.	<p>The risk of blade throw will be effectively managed by reducing the likelihood of a component failure through:</p> <ul style="list-style-type: none"> <li>• International safety and structural integrity standards that govern the manufacture of WTG components;</li> <li>• Ongoing monitoring of structural integrity, through both automated systems and manual inspections;</li> <li>• Routine maintenance of WTG components;</li> <li>• Immediate replacement or repair of components that exhibit signs of damage or excessive wear; and</li> <li>• Operational controls that enable the rotors to be slowed down (or fully stopped) during extreme wind conditions.</li> </ul>	-	-	7.11.3
82.	As the risk of blade or ice throw within 175 m of the proposed WTGs cannot be completely eliminated, the residual risk will be managed through administrative controls to be developed in consultation with host landowners.	-	-	7.11.3
<b>GREENHOUSE GAS</b>				

Ref	Commitment	Section in Submissions Report	Section in Amendment Report	Section in EIS
83.	<p>Appropriate measures will be implemented during the construction phase to reduce emissions, such as:</p> <ul style="list-style-type: none"> <li>• Selection of fuel and energy efficient equipment and vehicles;</li> <li>• Routine maintenance of equipment and vehicle to optimise efficiency; and</li> <li>• Sourcing equipment and materials from local suppliers (where practicable) to reduce delivery distances.</li> </ul>	-	-	7.13.3
<b>AIR QUALITY</b>				
84.	<p>Implement measures to reduce visible dust emissions during:</p> <ul style="list-style-type: none"> <li>• Construction: minimise active surface area, progressive rehabilitation, stockpile management, speed restrictions, manage activities in unfavourable weather conditions, undertake regular inspections, and minimise dust emissions from exposed areas by application of water and/or dust suppressants; and</li> <li>• Operations: application of water and dust suppressants, speed restrictions on unsealed areas, limiting maintenance in unfavourable weather and regular inspections.</li> </ul>	-	-	7.14.3
<b>WATER RESOURCES</b>				
85.	Implement erosion and sediment controls.	-	-	7.15.3
86.	Retain erosion and sediment controls for the operational phase, where required.	-	-	7.15.3
87.	Potential areas of flooding will be considered during detailed design.			7.15
88.	Creek crossings for cables and access tracks will be confirmed during detailed design if “controlled activities” (as under Section 91 of the WM Act) and if so, undertaken in accordance with the ‘Guidelines for Controlled Activities on Waterfront Land’.	-	-	7.15.3
89.	The Project will not involve any taking of water via landholder dams or bores except as described in accordance with Section 4.4.7 of the EIS.	5.17.1 5.17.2	-	4.4.7
90.	“Why do Fish Need to Cross the Road? Fish Passage Requirements for Waterway Crossings” (DPI, 2003) will be considered during detailed design of access track crossings.	4.14	-	-
91.	During construction and operation, approvals and payment of relevant council fees for taking of water from Council water supply will be met by the contractor supplying the water.	4.9	-	-
<b>AGRICULTURE AND SOILS</b>				

Ref	Commitment	Section in Submissions Report	Section in Amendment Report	Section in EIS
92.	<p>Minimise impacts on surrounding agricultural activities will be minimised through:</p> <ul style="list-style-type: none"> <li>• Water will be sourced from host farm dams or off-site to avoid impacts on landowners' supplies;</li> <li>• Fencing to exclude livestock from operational areas; and</li> <li>• Weed and feral animal controls undertaken in consultation with landowners.</li> </ul>	-	-	7.16.3
93.	A soil survey of the final disturbance area will be undertaken prior to construction to identify steep gradients and erodible soils present, establish baseline conditions for future rehabilitation, define topsoil and other soil resources for future use in rehabilitation.	-	-	7.16.3
94.	Associated Landholder Agreements will include a condition that the Proponent rehabilitate the land.	-	-	7.16.3
95.	Excavated soil will be reused as soon as practicable. If soils cannot be reused in a timely manner, it will be stockpiled and temporarily rehabilitated.	-	-	7.16.3
96.	Controls to reduce potential Biosecurity impacts will be implemented to minimise the risk. These will be implemented in consultation with the landholder and relevant regulators (where statutorily required).	-	-	7.16.3
97.	Vegetation removed to facilitate the Project will be stockpiled and disposed of in consultation with the landholder (except as stipulated).	-	-	7.16.3
98.	Disturbed areas that are not required for ongoing operations will be progressively rehabilitated.	-	-	7.5.4
99.	<p>During decommissioning:</p> <ul style="list-style-type: none"> <li>• The land occupied by operational infrastructure will be rehabilitated and generally restored to its pre-disturbance class in consultation with the landowner; and</li> <li>• A regular rehabilitation monitoring program will be undertaken for at least 2 years following decommissioning.</li> </ul>	-	-	7.16.3
100.	The underground portion of the transmission line that is on land mapped as Biophysical Strategic Agricultural land (BSAL) will be installed at a minimum depth of 800 mm.	4.11	-	-
101.	Infrastructure on land mapped as Class 5 land and the underground portion of the transmission line on land mapped as Class 3 land will either be buried at a depth greater than 500mm or removed during decommissioning.	4.11	-	-

Ref	Commitment	Section in Submissions Report	Section in Amendment Report	Section in EIS
<b>WASTE</b>				
102.	The principles of “reduce, reuse, recycle” will be applied wherever practicable to minimise waste generation generally as described in Table 49 of the EIS and incorporated into a Waste Management Plan.	-	-	7.17.3
<b>ELECTRO MAGNETIC FIELDS</b>				
103.	The risk of exposure to EMFs will be minimised through siting of infrastructure and the implementation of best practice design standards for electrical equipment.	-	-	7.18.3
104.	No further commitments contemplated.	-	-	
<b>HAZARDOUS MATERIALS</b>				
105.	Detonators and explosives may be required during construction for blasting of bedrock and will be transported to the site as required, rather than stored in bulk.	-	-	7.2
<b>SHADOW FLICKER</b>				
106.	<p>If shadow flicker is found to be a nuisance at a particular Non-Associated residence:</p> <ul style="list-style-type: none"> <li>At a known location, a physical screen will be placed between the location and the wind turbines.</li> </ul> <p>Additional trees or other vegetation will be used to accomplish this; and/or</p> <ul style="list-style-type: none"> <li>Conditions will be pre-programmed into the control system so that individual wind turbines automatically shut down whenever these conditions are present.</li> </ul>	-	-	7.21.4
107.	Shadow flicker effects on motorists will be monitored following commissioning and any remedial measures to address concerns would be developed in consultation with TfNSW and DPIE.	-	-	7.21.4
<b>DECOMMISSIONING</b>				
108.	A Decommissioning and Rehabilitation Plan will be prepared in consultation with Associated Landholders prior to the cessation of operations.	-	-	7.22
<b>SOCIAL</b>				
109.	<p>Develop a Recruitment Strategy document prior to the commencement of construction which seeks to:</p> <ul style="list-style-type: none"> <li>Prioritise local supply, where relevant services and skills are available;</li> <li>Provide apprenticeship and/or traineeship opportunities; and</li> <li>Endeavour to source employees with appropriate skills from within the MSC, SC and UHSC to support the Project.</li> </ul>	-	-	7.23

Ref	Commitment	Section in Submissions Report	Section in Amendment Report	Section in EIS
110.	Continued consultation through: <ul style="list-style-type: none"> <li>• Support the continued operation of the CCC;</li> <li>• Provision of regular community updates to residents on issues of interest;</li> <li>• A complaints and response framework;</li> <li>• Create opportunities to engage further with residents; and</li> <li>• Reproduce and supply photomontages for any updates to Project layout.</li> </ul>	-	-	5.7
111.	Establish a 'Community Fund' in the form of a VPA with each of the Muswellbrook, Singleton, and Upper Hunter Councils which mitigates any residual socio-economic impacts identified in this EIS commensurate with impacts.	-	-	3.1
112.	The Proponent's Neighbour Benefit Program is to be extended to share the benefits of the Project with landholders within 3 – 5 km of the closest proposed WTG where no other commercial agreements are reached. The Neighbour Benefit Program will consist of an electricity grant/rebate offer.	2.2.2	2.4	-