

Project Approval

Section 75J of the *Environmental Planning & Assessment Act 1979*

As delegate of the Minister for Planning and Infrastructure, under delegation in force from 1 October 2011, the Planning Assessment Commission of New South Wales (the Commission) approves the Project application referred to in Schedule A, subject to the conditions specified in Schedules B to H.

These conditions are required to:

- prevent, minimise, and/or offset adverse environmental impacts;
- set standards and performance measures for acceptable environmental performance;
- require regular monitoring and reporting; and
- provide for the ongoing environmental management of the Project.

Member of the Commission

Member of the Commission

Member of the Commission

Sydney

14 March 2014

The Department has prepared a consolidated version of the consent which is intended to include all modifications to the original determination instrument.

The consolidated version of the consent has been prepared by the Department with all due care. This consolidated version is intended to aid the consent holder by combining all consents relating to the original determination instrument but it does not relieve a consent holder of its obligation to be aware of and fully comply with all consent obligations as they are set out in the legal instruments, including the original determination instrument and all subsequent modification instruments.

SCHEDULE A

Application No.: MP 08_0252

Proponent: Flyers Creek Wind Farm Pty Ltd

Approval Authority: Minister for Planning & Infrastructure

Land: [The land defined in Appendix 1](#)

Project: The Flyers Creek Wind Farm including:

- construction and operation of a wind farm with up to **38** turbines and associated infrastructure including access tracks, local road infrastructure upgrades and electrical connections between the turbines (both underground cable and under and aboveground power lines);
- an on-site substation (inclusive of switch room, control room and auxiliary services building); **and**
- **[a 132 kilovolt transmission line and switching station to connect the project to the grid.](#)**

SUMMARY OF MODIFICATIONS

Application Number	Determination Date	Decider	Modification Description
MP08_0252-Mod-1	13 March 2015	Department (Executive Director)	Change in time frame permitted for satisfaction of the Deferred Commencement Conditions from 12 months to 18 months
MP08_0252-Mod-2	14 September 2015	Department (A/Executive Director)	Removal of approved transmission line from the wind farm substation to the electricity network from Flyers Creek Wind Farm
MP08_0252-Mod-3	30 November 2017	Department (Executive Director)	Reduction in the number of turbines from 42 to 38 and removal of associated land; an alternative alignment for the approved 33 kV overhead power line; and minor changes to access tracks and cabling
MP08_0252-Mod-4	22 August 2019	Independent Planning Commission	Increase to wind turbine envelope, reinstatement of 132kV power line and switching station to connect the wind farm to the electricity grid, and minor clarifications to project components
MP08_0252-Mod-5	15 October 2021	Department (Director)	Increase the maximum width of a section of the cleared easement corridor from 45m to 70m and minor realignment of the 132kV power line route.

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DEFINITIONS

Act, the	<i>Environmental Planning and Assessment Act 1979</i>
Ancillary facility	Temporary facility for construction, including for example an office and amenities compound, construction compound, batch plant (concrete or bitumen), materials storage compound, maintenance workshop, testing laboratory or material stockpile area
Ancillary infrastructure	All wind farm infrastructure with the exception of wind turbines, including but not limited to collector substations, switching stations, permanent offices and site compounds, underground and overhead electricity transmission lines, wind monitoring masts and internal roads
BC Act	<i>Biodiversity Conservation Act 2016</i>
BCA	Building Code of Australia
BCS	Biodiversity, Conservation and Science directorate in the Department
CASA	Civil Aviation Safety Authority
CCC	Community Consultative Committee
Conditions of Approval	Conditions contained in Schedules C to G inclusive
Construction	The construction of the project, including but not limited to the construction of wind turbines, ancillary infrastructure and road upgrades (excludes pre-construction minor works)
Councils	Blayney Shire Council and Cabonne Council
Curtilage	The land immediately surrounding a residence, including any closely located and associated buildings or structures, where domestic and/or recreational activities take place
Day	The period from 7am to 6pm on Monday to Saturday, and 8am to 6pm on Sundays and public holidays
dB(A)	Decibel (A-weighted scale)
DoI – L&W	Department of Industry – Lands and Water
Decommissioning	The deconstruction and removal of wind turbines and any associated above ground ancillary infrastructure
Department	Department of Planning, Industry and Environment
EA	<i>Flyers Creek Wind Farm Environmental Assessment</i> (Aurecon, May 2011) as amended by: <ul style="list-style-type: none"> (a) <i>Preferred Project Report</i> (prepared by Infigen Energy, dated May 2013) and associated Response to Submissions (prepared by Infigen Energy, dated May 2013) and Substation Plan (prepared by Infigen Energy, dated 17 July 2015); (b) <i>Modification Application 2</i> (prepared by Infigen Energy, dated 13 August 2015); and (c) <i>Modification Application 3</i> (prepared by Flyers Creek Wind Farm Pty Ltd, dated May 2017) and associated Response to Submissions (prepared by Flyers Creek Wind Farm Pty Ltd, dated August 2017) and Flyers Creek Wind Farm Pty Ltd's letter dated 30 October 2017; (d) the documents submitted in support of the fourth application to modify the approval, including the <i>Environmental Assessment</i> dated July 2018, the <i>Response to Submissions</i> dated October 2018 and the <i>Response to Submissions</i> addendums dated November 2018 and December 2018; and (e) modification application MP08_0252-Mod-5, the modification report titled 'Flyers Creek Wind Farm MP 08_0252 Minor Modification 5 Application Report' prepared by Flyers Creek Wind Farm Pty Limited and dated 9 July 2021, the memorandum titled "RE: Flyers Creek Wind Farm (MP 08_0252): Minor Modification 5 – response to request for additional information of 13th August 2021" prepared by Flyers Creek Wind Farm Pty Limited and dated 27 August 2021 and enclosures, the memorandum titled "RE: Flyers Creek Wind Farm (MP 08_0252): Minor Modification 5 – response to request for additional information of 7th September 2021" prepared by Flyers Creek Wind Farm Pty Limited and dated 10 September 2021, and the document titled "Biodiversity Development Assessment Report Flyers Creek Wind Farm 132kV power line September 2021" Revision Final v2.1, prepared by NGH Pty Ltd and dated 9 September 2021
EEC	Endangered ecological communities, as defined under the BC Act
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i>

EP&A Regulation	<i>Environmental Planning and Assessment Regulation 2000</i>
EPA	Environment Protection Authority
EPL	Environment Protection Licence under the Protection of the Environment Operations Act 1997
Evening	The period from 6pm to 10pm
Feasible	Feasible relates to engineering considerations and what is practical to build or implement
ha	Hectares
Heavy vehicle	As defined under the Heavy Vehicle National Law (NSW), but excluding light and medium rigid trucks and buses no more than 8 tonnes and with not more than 2 axles
Heritage Item	Means an item as defined under the <i>Heritage Act 1977</i>
Heritage NSW	Heritage NSW in the Department of Premier and Cabinet
Incident	A set of circumstances that: <ul style="list-style-type: none"> causes or threatens to cause material harm to the environment; and/or breaches or exceeds the limits or performance measures/criteria in this approval
Material harm to the environment	Is harm that: <ul style="list-style-type: none"> involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial; or results in actual or potential loss of property damage of an amount or amounts in aggregate, exceeding \$10,000 (such loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment)
Minimise	Implement all reasonable and feasible measures to reduce the impacts of the project
Minister, the	Minister for Planning, or delegate
Mitigation	Activities associated with reducing the impacts of the project
MW	Megawatt
Night	The period from 10pm to 7am on Monday to Saturday, and 8am on Sundays and NSW Public Holidays
Non-associated residence	Any residence on privately-owned land where the owner has not reached a commercial or in kind agreement with the Proponent in relation to the project. In some cases, this agreement will be restricted. First, it may only cover certain aspects of the project (such as the noise or visual impacts). In such cases, the residence is only associated for those aspects covered by the agreement, and remains a non-associated residence for all those aspects that are not covered by the agreement. Second, while the agreement may cover a certain aspect of the project (such as noise impacts), it may limit the extent of any such impact (by setting absolute noise levels at a residence, for instance). In these cases, the residence is only associated to the extent that the impact is covered by the agreement, and is considered to be non-associated for any impacts that exceed the limits specified in the agreement
NP&W Act	<i>National Parks and Wildlife Act 1974</i>
Operation	The operation of the project, but does not include commissioning trials of equipment or use of temporary facilities
Over-dimensional	Over-mass and/or over-size/length vehicles
POEO Act	<i>Protection of the Environment Operations Act 1997</i>
Pre-construction minor works	Includes the following activities: <ul style="list-style-type: none"> building/road dilapidation surveys; investigative drilling, excavation or salvage; minor clearing or translocation of native vegetation; establishing temporary site office (in locations meeting the criteria identified in the conditions of this consent) installation of environmental impact mitigation measures, fencing, enabling works, wind monitoring masts; and minor access roads and minor adjustments to services/utilities, etc.
Project	The development described in the EA
Proponent	Flyers Creek Wind Farm Pty Ltd, or any person who seeks to carry out the project approved under this approval
Public infrastructure	Linear and related infrastructure that provides services to the general public, such as roads, railways, water supply, drainage, sewerage, gas supply, electricity, telephone, telecommunications, etc.
Publicly available	Available for inspection by a member of the general public (for example available on an internet website)

Reasonable	Reasonable relates to the application of judgement in arriving at a decision, taking into account: mitigation benefits, cost of mitigation versus benefits provided, community views and the nature and extent of potential improvements
Rehabilitation	The restoration of land disturbed by the project to a good condition, to ensure it is safe, stable and non-polluting
Residence	Any dwelling in existence at the date of this approval (being 14 March 2014), or a dwelling that is either the subject of a project approval or a development application that was lodged but not yet determined at the date of this approval once a final occupation certificate has been issued for the dwelling
Registered Aboriginal Stakeholders	Aboriginal stakeholders identified as registered stakeholders in the EA
RFS	NSW Rural Fire Service
RMS	NSW Roads and Maritime Services
Planning Secretary	Secretary of the Department, or nominee
Sensitive Receiver	Any non associated residential dwelling or non associated receptor
Shadow flicker	The flickering effect caused by the intermittent shading of the sun by the rotating blades of the wind turbines
Site	The land defined in Appendix 1
Surveyor General	Surveyor General of New South Wales.
Temporary facilities	Temporary facilities used for the construction and/or decommissioning of the project, including but not limited to temporary site offices and compounds, concrete batching plants, materials storage compounds, maintenance workshops, testing laboratories or material stockpiles
VPA	Voluntary Planning Agreement
Wind turbine	Turbines used for the generation of electricity by wind, including the tower, blades and associated components
132 kV transmission line infrastructure	All infrastructure associated with the 132 kV transmission line and switching station located between the on-site substation and the Orange North to Cadia Mine transmission line.

SCHEDULE B - DEFERRED COMMENCEMENT CONDITIONS

Deleted.

FOR INFORMATION ONLY

SCHEDULE C – ADMINISTRATIVE CONDITIONS

OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT

- C1. In addition to meeting the specific environmental performance criteria established under this approval, the Proponent must implement all reasonable and feasible measures to prevent and/or minimise any material harm to the environment that may result from the construction, operation, or decommissioning of the Project.

TERMS OF APPROVAL

- C2. The Proponent shall carry out the Project:
- (a) generally in accordance with the EA; and
 - (b) in accordance with the conditions of this approval.

Note: The general layout of the project is depicted in Figure 1-1 in Appendix 1.

- C3. In the event of an inconsistency between the documents referred to in condition C2, the most recent document shall prevail to the extent of any inconsistency. However, the conditions of this approval shall prevail to the extent of any inconsistency.
- C4. The Proponent shall comply with any reasonable requirement/s of the **Planning Secretary** arising from the Department's assessment of:
- any strategies, plans, programs, reviews, audit correspondence that are submitted in accordance with the requirements of this approval;
 - any report, reviews or audits commissioned by the Department regarding compliance with this approval; and
 - the implementation of any actions or measures contained in these documents.

LIMITS OF APPROVAL

- C5. This project approval shall lapse five years after the date on which it was granted, unless works the subject of this approval have physically commenced before this time.
- C6. The Proponent may install up to 38 wind turbines.

Note: To identify the approved wind turbine locations, see Figure 1-1 and corresponding GPS coordinates in Appendix 1.

- C7. The Proponent may micro-site the wind turbines and ancillary infrastructure without further approval provided:
- (i) no wind turbine is moved more than 100 metres from the relevant GPS coordinates in Appendix 1;
 - (ii) **turbines 1 and 9** are not moved closer to the residences "Hillvue" and "Cooramilla" from the relevant GPS coordinates in Appendix 1 respectively;
 - (iii) the revised location of the wind turbine is at least 50 metres from existing hollow-bearing trees; or where the approved turbine location is already within 50 metres of existing hollow-bearing trees, the revised location of the turbine is not moved any closer to existing hollow-bearing trees; and
 - (iv) the revised location of the wind turbine and/or ancillary infrastructure would not result in any non-compliance with the conditions of this approval.

- C8. If any wind turbine is not used for the generation of electricity for a continuous period of 12 months, it shall be decommissioned by the Proponent, unless otherwise agreed by the **Planning Secretary**. The Proponent shall keep independently-verified annual records of the use of wind turbines for electricity generation. Copies of these records shall be provided to the **Planning Secretary** upon request. The relevant wind turbine and any associated infrastructure is to be dismantled and removed from the site by the Proponent within 18 months from the date that the wind turbine was last used to generate electricity.

FINAL LAYOUT PLANS

- C9. Prior to the commencement of construction, the Proponent must submit detailed plans of the final layout of the Project to the **Planning Secretary**, including:
- (a) details on the micro-siting of any wind turbines and/or ancillary infrastructure; and
 - (b) the GPS coordinates of the final wind turbine locations.

Note: If the construction of the Project is to be staged, then the provision of these plans may be staged.

NOTIFICATION TO DEPARTMENT

- C10. Prior to the commencement of the construction, operation and/or decommissioning of the Project or the cessation of operations, the Proponent must notify the Department in writing of the date of commencement or cessation.

If the construction, operation and/or decommissioning of the Project is to be staged, then the Proponent must:

- (a) notify the Department in writing prior to the commencement of the relevant stage, and clearly identify the development that would be carried out during the relevant stage; and
- (b) inform the local community and the Community Consultation Committee (CCC) about the proposed staging plans.

STRUCTURAL ADEQUACY

- C11. The Proponent must ensure that:

- (a) the wind turbines are constructed in accordance with the relevant standards, including the structural design requirements of *IEC 61400-1 Wind turbines – Part 1: Design Requirements* (or equivalent); and
- (b) all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the BCA.

Notes:

- Under Part 4A of the EP&A Act, the Proponent is required to obtain construction and occupation certificates for the proposed building works.
- Part 8 of the EP&A Regulation sets out the requirements for the certification of the project.

DEMOLITION

- C12. The Proponent must ensure that all demolition work on site is carried out in accordance with *AS 2601-2001: The Demolition of Structures*, or its latest version.

PROTECTION OF PUBLIC INFRASTRUCTURE

C13. Unless the Proponent and the applicable authority agree otherwise, the Proponent must:

- (a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the Project; and
- (b) relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the Project.

This condition does not apply to the upgrade and maintenance of the road network, which is expressly provided for in the conditions of this approval.

OPERATION OF PLANT AND EQUIPMENT

C14. The Proponent must ensure that all plant and equipment used on site, or in connection with the Project, is:

- (a) maintained in a proper and efficient condition; and
- (b) operated in a proper and efficient manner.

UPDATING & STAGING OF STRATEGIES, PLANS OR PROGRAMS

C15. With the approval of the **Planning Secretary**, the Proponent may submit any strategy, plan or program required by this approval on a progressive basis.

To ensure the strategies, plans or programs under the conditions of this approval are updated on a regular basis, the Proponent may at any time submit revised strategies, plans or programs to the **Planning Secretary** for approval.

With the agreement of the **Planning Secretary**, the Proponent may prepare any revised strategy, plan or program without undertaking consultation with all the parties referred to under the relevant condition of this approval.

Notes:

- While any strategy, plan or program may be submitted on a progressive basis, the Proponent must ensure that all development being carried out on site is covered by suitable strategies, plans or programs at all times.
- If the submission of any strategy, plan or program is to be staged, then the relevant strategy, plan or program must clearly describe the specific stage to which the strategy, plan or program applies, the relationship of this stage to any future critical stages, and the trigger for updating the strategy, plan or program.

PLANNING AGREEMENT

C16. From the date of the commencement of construction, unless the **Planning Secretary** agrees otherwise, the Proponent must implement the VPA executed with Blayney Shire Council on 22 October 2015.

SCHEDULE D – ENVIRONMENTAL PERFORMANCE

BIODIVERSITY

Restrictions on Clearing and Habitat Impacts

D1. The Proponent must:

- (a) ensure that no more than 4.03 ha of EEC is cleared for the project, unless the **Planning Secretary** agrees otherwise; and
- (b) minimise the clearing of native woodland vegetation, scattered paddock trees and fauna habitat (including rocky outcrops) within the approved disturbance footprint.

D2. Tree trunks and major branches from cleared trees should be used, to the fullest extent practicable, to enhance habitat (coarse woody debris) in rehabilitated areas or in derived native grassland (either in offset areas or areas adjoining impacted areas) and details included in the Construction Flora and Fauna Management Plan required by condition **F21(f)**.

D3. No more than 26 hollow bearing trees shall be removed for the project, unless the **Planning Secretary** agrees otherwise.

Bird and Bat Monitoring and Management

D4. Prior to the commencement of **operations**, the Proponent shall, in consultation with the **BCS**, prepare and submit for the approval of the **Planning Secretary** a **Bird and Bat Adaptive Management Program**, which takes into account bird / bat monitoring methods identified in the current editions of *AusWEA Best Practice Guidelines for the Implementation of Wind Energy Projects in Australia* and *Wind Farm and Birds: Interim Standards for Risk Assessment*. The Program shall be prepared and implemented by a suitably qualified expert, approved by the **Planning Secretary**. The Program shall incorporate Monitoring, and a Decision Matrix that clearly sets out how the Proponent will respond to the outcomes of monitoring. It shall:

- (a) incorporate an ongoing role for the suitably qualified expert;
- (b) set out monitoring requirements in order to assess the impact of the Project on bird and bat populations, including details on survey locations, parameters to be measured, frequency of surveys and analyses and reporting. The monitoring program shall be capable of detecting any changes to the population of birds and / or bats that can reasonably be attributed to the operation of the Project, that is, data may be required to be collected prior to the commencement of construction;
- (c) incorporate a decision making framework that sets out specific actions and when they may be required to be implemented to reduce any impacts on bird and bat populations that have been identified as a result of the monitoring;
- (d) identify 'at risk' bird and bat groups (inclusive of the Superb Parrot), seasons, and / or areas within the Project site which may attract high levels of mortality and include monthly mortality assessments and periodic local population census' and bird utilisation surveys;
- (e) identify potential mitigation measures and implementation strategies in order to reduce impacts on birds and bats such as minimising the availability of raptor perches, swift carcass removal, pest control including rabbits, use of deterrents, and sector management including switching off turbines that are predicted to or have had an unacceptable impact on bird / bat mortality at certain times; and
- (f) identify matters to be addressed in periodic reports in relation to the outcomes of monitoring, the application of the decision making framework, the mitigation

measures identified, progress with the implementation of such measures, and their success.

The Reports referred to under part (f) shall be submitted to the **Planning Secretary** and **BCS** on an annual basis for the first five years of operation and every two years thereafter (unless otherwise agreed to by the **Planning Secretary**), and shall be prepared within two months of the end of the reporting period. The **Planning Secretary** may, at the request of the Proponent at anytime, vary the reporting requirement or period by notice in writing to the Proponent.

The Proponent is required to implement feasible and reasonable mitigation measures as identified under part (e) where the need for further action is identified through the Bird and Bat Adaptive Management Program, or as otherwise agreed with the **Planning Secretary**.

Biodiversity Offset Package

D5. Prior to the commencement of construction, unless the **Planning Secretary agrees otherwise, the Proponent must:**

- (a) update the baseline mapping of the vegetation and key habitat within the final disturbance area; and
- (b) calculate the biodiversity offset credit liabilities for the project in accordance with the *Biodiversity Assessment Methodology* under the *NSW Biodiversity Offsets Scheme*,
in consultation with **BCS**, and to the satisfaction of the **Planning Secretary**.

D6. Within 2 years of the commencement of construction, unless the **Planning Secretary agrees otherwise, the Proponent must retire the required biodiversity credits, to the satisfaction of **BCS**.**

The retirement of the credits must be carried out in accordance with the *NSW Biodiversity Offsets Scheme*, and can be achieved by:

- (a) acquiring or retiring 'biodiversity credits' within the meaning of the *Biodiversity Conservation Act 2016*;
- (b) making payments to the Biodiversity Conservation Fund; or
- (c) funding a biodiversity conservation action that benefits the entity impacted and is listed in the ancillary rules of the biodiversity offset scheme.

WATER QUALITY AND HYDROLOGY

D7. Except as may be provided by an EPL, the Project shall be constructed and operated to comply with section 120 of the *Protection of the Environment Operations Act 1997*, which prohibits the pollution of waters.

D8. Waterway crossings shall be designed and constructed in consultation with **Dol – L&W and DPI (Fisheries) and consistent with DPI (Fisheries) guidelines, *Policy and Guidelines for Fish Friendly Waterway Crossings* (2004) and *Why Do Fish Need to Cross the Road? Fish Passage Requirements for Waterway Crossings* (2004) and *Guidelines for Controlled Activity on Waterfront Land* (NSW Office of Water, 2012), or their latest version.**

NOISE

- D9. Any overhead transmission line associated with the Project shall be designed, constructed and operated to minimise the generation of corona and aeolian noise as far as feasible and reasonable at nearest existing sensitive receivers.

HAZARDS AND RISK

- D10. Dangerous goods, as defined by the Australian Dangerous Goods Code, shall be stored and handled strictly in accordance with:
- (a) all relevant Australian Standards;
 - (b) for liquids, a minimum bund volume requirement of 110% of the volume of the largest single stored volume within the bund; and
 - (c) the Environment Protection Manual for Authorised Officers: Bunding and Spill Management, technical bulletin (Environment Protection Authority, 1997).
- 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.

Aviation Obstacles and Hazards

- D11. Prior to the commencement of construction, the Proponent shall consult with:
- (a) aerodrome operators that have an aerodrome located within 30 kilometres of the boundaries of the site, to determine any impact on Obstacle Limitation Surfaces at such aerodromes;
 - (b) AirServices Australia, to determine potential impacts on instrument approach procedures at aerodromes, navigational aids, communications and surveillance facilities, inclusive of the redesign of the Non-Directional Beacon Approach (if required);
 - (c) Aerial Agriculture Association Australia, to determine potential hazards to aerial application and related operations; and
 - (d) Rural Fire Service, to determine potential hazards to the aerial fighting of fires.
- Feasible and reasonable mitigation measures for each of the potential impacts and hazards identified, shall be determined in consultation with the respective groups identified in this condition, prior to the commencement of construction.
- D12. Prior to the construction of any wind turbine or wind monitoring mast, the Proponent must provide the following information to CASA and Airservices Australia (together the authorities):**
- (a) co-ordinates in latitude and longitude of each wind turbine and mast;**
 - (b) the final height of each wind turbine and mast in Australian Height Datum;**
 - (c) ground level at the base of each wind turbine and mast in Australian Height Datum;**
 - (d) confirmation of compliance with any OLS; and**
 - (e) details of any proposed aviation hazard lighting.**
- D12A. Within 30 days of the installation of any wind turbine or mast, the Proponent must:**
- (a) provide confirmation to the authorities that the information that was previously provided remains accurate; or**
 - (b) update the information previously provided.**
- D13. Should increases to the costs of aerial agricultural spraying on any non-associated property surrounding the site be attributable to the operation of the Project, the Proponent shall fully fund to the affected landowner, the reasonable cost difference between pre-construction aerial agricultural spraying and the increased cost, as agreed between the relevant parties.

Radio Communication

D14. Prior to the commencement of construction, the Proponent shall:

- (a) consult with the NSW Government Telecommunications Authority and other registered communications licensees (including emergency services) to ensure that risks to these services are minimised as far as feasible and reasonable. This may include the installation of additional radio sites or services to ensure coverage of radio communications are not degraded;
- (b) in the event that any disruptions to radio communication service links (installed before construction of the Project) arise as a result of the Project, the Proponent shall undertake appropriate remedial measures in consultation with the NSW Government Telecommunications Authority and relevant licensee to rectify any issue, including arranging the deployment of temporary measures in order to maintain effective coverage whilst more permanent measures are effected, within three months of the problem being identified, and at the expense of the Proponent;
- (c) consider remedial measures, including:
 - i. modification to or relocation of the existing antennae;
 - ii. installation and maintenance of additional radio sites or services;
 - iii. installation of a directional antennae; and / or
 - iv. installation of an amplifier to boost the signal strength.

Bushfire Risk

- D15. The Proponent shall ensure that all Project components on site are designed, constructed and operated to minimise ignition risks, provide for asset protection consistent with relevant RFS design guidelines (*Planning for Bushfire Protection 2006* and *Standards for Asset Protection Zones*) and provide for necessary emergency management including appropriate fire-fighting equipment and water supplies on site to respond to a bush fire.
- D16. The Proponent shall ensure that the substation and any other new buildings shall be constructed to comply with the Australian Standard AS3959-2009 *Construction of buildings in bushfire-prone areas*.
- D17. A 10 metre Asset Protection Zone (APZ) shall be provided around the proposed turbines, substation and control building to the standard of an Inner Protection Area (IPA) as outlined within section 4.1.3 and Appendix 5 of *Planning for Bushfire Protection 2006* and *Standards for Asset Protection Zones*.**
- D18. Sufficient water storage (determined in consultation with the Canobolas Zone Rural Fire Service) shall be provided for fire fighting purposes.
- D19. Throughout the operational life of the Project, the Proponent shall regularly consult with the Canobolas Zone Rural Fire Service about details of the Project, including the construction timetable and the final location of all infrastructure on the site. The Proponent shall comply with any reasonable request of the Canobolas Zone Rural Fire Service to reduce the risk of bushfire and to enable fast access in emergencies.

VISUAL AMENITY

Views

- D20. For a period of 5 years from the commencement of construction of any wind turbine, the owner of any non-associated residence within 4 km of any wind turbine may ask the Proponent to implement visual impact mitigation measures on their land to minimise the visual impacts of the project on their residence (including its curtilage).**

Upon receiving such a written request from the owner of these residences, the Proponent must implement appropriate mitigation measures (such as landscaping and vegetation screening) in consultation with the owner.

These mitigation measures must be reasonable and feasible, aimed at reducing the visibility of the wind turbines from the residence and its curtilage, and commensurate with the level of visual impact on the residence.

All mitigation measures must be implemented within 12 months of receiving the written request, unless the **Planning Secretary** agrees otherwise.

If the Proponent and the owner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the **Planning Secretary** for resolution.

Notes:

- To avoid any doubt, mitigation measures are not required to be implemented to reduce the visibility of wind turbines from any other locations on the property other than the residence and its curtilage.*
- The identification of appropriate visual impact mitigation measures will be more effective following the construction of the wind turbines. While owners may ask for the implementation of visual impact mitigation measures shortly after the commencement of the erection of the turbine, they should consider the merits of delaying this request until the relevant wind turbines are visible from their residence.*

D21. Landscaping works to reduce the visual impact of the Project shall generally comprise of indigenous and locally occurring species.

Visual Appearance

D22. The Proponent must:

- (a) minimise the off-site visual impacts of the project;
- (b) ensure the wind turbines are:
 - painted off white/grey, unless otherwise agreed by the **Planning Secretary**; and
 - finished with a surface treatment that minimises the potential for glare and reflection;
- (c) ensure the visual appearance of all ancillary infrastructure (including paint colours) blends in as far as possible with the surrounding landscape; and
- (d) not mount any advertising signs or logos on wind turbines or ancillary infrastructure.

Shadow Flicker

D23. Shadow flicker from the Project must not exceed 30 hours / annum at any **non-associated** residence.

Substation

D24. The substation and associated facility site shall be designed and constructed to minimise visual intrusion to the nearest sensitive receivers as far as feasible and reasonable including appropriate external finishes to minimise glare or reflection, landscape planting to screen views and external lighting requirements in accordance with condition **D25**.

Switching Station

D24A. Prior to the commencement of the construction of the switching station, the Proponent must submit a copy of the final layout plan for the switching station to the **Planning Secretary for approval. This plan must outline the proposed measures to minimise the visual impacts of the switching station on any non-associated residences in the vicinity of the switching station, including retaining existing vegetation buffers in and adjoining the forest to screen views of the switching station or planting additional screening around the switching station.**

The Proponent must not construct the switching station before this plan has been approved by the Planning Secretary.

Night Lighting

- D25. With the exception of aviation hazard lighting implemented in accordance with the requirements of this condition, no external lighting other than low intensity security night lighting is permitted on site unless otherwise agreed or directed by the **Planning Secretary**, or required by **CASA**.

Prior to the commencement of construction, the Proponent shall consult with **CASA** on the need for aviation hazard lighting in relation to the wind turbines. **The Proponent shall ensure any aviation hazard lighting installed utilises an aircraft detection lighting system unless otherwise agreed by CASA.**

Design and Landscape Plan

- D26. A **Design and Landscaping Plan** shall be prepared to outline measures to ensure appropriate development and maintenance of landscaping on the site to achieve adequate landscape buffers and address the visual impacts arising from the Project, including turbines, site access roads and associated above ground infrastructure, as far as is feasible and reasonable.

The Plan shall be prepared by a qualified landscape architect and where relevant meet any requirements of **the Councils**. The Plan shall include design treatments for the turbines and ancillary infrastructure, including, but not necessarily limited to:

- (a) landscape elements and built elements, including proposed treatments, finishes and materials of exposed surfaces (including colour specifications);
- (b) lighting;
- (c) a schedule of species to be used in landscaping;
- (d) details of the timing and progressive implementation of landscape works; and
- (e) procedures and methods to monitor and maintain landscaped areas.

The Plan shall be submitted for the approval of the **Planning Secretary** prior to the commencement of **construction**, unless otherwise agreed by the **Planning Secretary**.

UTILITIES AND SERVICES

- D27. Utilities, services and other infrastructure potentially affected by construction and operation shall be identified prior to **the commencement of relevant construction works** to determine requirements for access to, diversion, protection, and / or support. Consultation with the relevant owner and / or provider of services that are likely to be affected by the Project shall be undertaken to make suitable arrangements for access to, diversion, protection, and / or support of the affected infrastructure as required. The cost of any such arrangements shall be borne by the Proponent.

WASTE MANAGEMENT

- D28. The Proponent shall not cause, permit or allow any waste generated outside the site to be received at the site for storage, treatment, processing, reprocessing, or disposal on the site, except as expressly permitted by a licence under the *Protection of the Environment Operations Act 1997*, if such a licence is required in relation to that waste.
- D29. The Proponent shall maximise the reuse and / or recycling of waste materials generated on site by the Project, to minimise the need for treatment or disposal of those materials outside the site.
- D30. The Proponent shall ensure that no green waste associated with the Project is burnt on site during the life of the Project.

- D31. The Proponent shall ensure that all liquid and / or non-liquid waste generated on the site is assessed and classified in accordance with *Waste Classification Guidelines* (DECC, 2008), or any future guideline that may supersede that document, and where removed from the site is only directed to a waste management facility lawfully permitted to accept the materials.

PROPERTY IMPACTS

Crown Land

- D32. Prior to the commencement of construction of the Project, the Proponent shall consult with and comply with the requirements of the **Dol – L&W** in relation to any Crown land affected by the Project to enable the lawful use of that land by the Project.

Trigonometric Reserves

- D33. Disturbance to Trigonometric Reserves shall be avoided during the life of the Project, unless otherwise approved by the Surveyor General and the relevant licence under the *Crown Lands Act 1989* is obtained by the Proponent.

Mineral Resources

- D34. Prior to the commencement of relevant construction works, the Proponent shall consult with the **Division of Resources & Geoscience** and holders of mineral, mining and exploration titles or tenements, with respect to measures to be applied during construction and operation of the Project so as to minimise the potential for any sterilisation of resources on the tenement.

SCHEDULE E – COMMUNITY INFORMATION, REPORTING AND AUDITING

COMMUNITY INFORMATION, CONSULTATION AND INVOLVEMENT

Community Consultative Committee

- E1. From the commencement of construction, the Proponent must operate a CCC for the Project to the satisfaction of the **Planning Secretary**, in accordance with the *Community Consultative Committee Guidelines for State Significant Projects (2016)*, or its latest version.

Complaints and Enquiries Procedure

- E2. Prior to the commencement of construction, or as otherwise agreed by the **Planning Secretary**, the Proponent shall ensure that the following are available for community enquiries and complaints for the life of the Project (including construction and operation) or as otherwise agreed by the **Planning Secretary**:
- (a) a 24 hour telephone number(s) on which complaints and enquiries about the Project may be registered;
 - (b) a postal address to which written complaints and enquires may be sent;
 - (c) an email address to which electronic complaints and enquiries may be transmitted; and
 - (d) a complaints management and mediation system for complaints unable to be resolved, inclusive of a mechanism for complaints to be directed to the Department where the issue cannot be resolved by the Proponent and/or through mediation.

The telephone number, the postal address and the email address shall be published in newspaper(s) circulating in the local area prior to the commencement of construction and prior to the commencement of operation. This information shall also be provided on the website (or dedicated pages) required by this Approval.

- E3. Prior to the commencement of construction, or as otherwise agreed by the **Planning Secretary**, the Proponent shall prepare and implement a **Complaints Management System** consistent with *AS 4269: Complaints Handling* and maintain the System for the life of the Project.
- Information on all complaints received, including the means by which they were addressed and whether resolution was reached, with or without mediation, shall be maintained in a complaints register and included in the construction compliance reports required by this Approval. The information contained within the System shall be made available to the **Planning Secretary** on request.

Provision of Electronic Information

- E4. Prior to the commencement of construction, or as otherwise agreed by the **Planning Secretary**, the Proponent shall establish and maintain a new website, or dedicated pages within an existing website, for the provision of electronic information associated with the Project, for the life of the Project. The Proponent shall, subject to confidentiality, publish and maintain up-to-date information on the website or dedicated pages including, but not necessarily limited to:
- (a) information on the current implementation status of the Project;
 - (b) a copy of the documents referred to under condition C2 of this Approval, and any documentation supporting modifications to this Approval that may be granted;
 - (c) a copy of this Approval and any future modification to this Approval;
 - (d) a copy of each relevant environmental approval / consent, licence or permit required and obtained in relation to the Project;
 - (e) a copy of each current strategy, plan, program or other document required under this Approval;

- (f) the outcomes of compliance tracking in accordance with condition E5 of this Approval; and
- (g) details of contact point(s) to which community complaints and enquiries may be directed, including a telephone number, a postal address and an email address.

COMPLIANCE MONITORING AND TRACKING

Compliance Tracking Program

- E5. The Proponent shall develop and implement a **Compliance Tracking Program** to track compliance with the requirements of this Approval. The Program shall be submitted to the **Planning Secretary** for approval prior to the commencement of construction and operate for the life of the Project. The Program shall include, but not necessarily be limited to:
- (a) provisions for the notification of the **Planning Secretary** prior to the commencement of construction and prior to the commencement of operation of the Project (including prior to each stage, where works are being staged);
 - (b) provisions for periodic review of the compliance status of the Project against the requirements of this Approval;
 - (c) provisions for periodic reporting of compliance status to the **Planning Secretary**, including a Pre-Construction Compliance Report, during construction reporting, and a Pre-Operation Compliance Report;
 - (d) a program for independent environmental auditing in accordance with ISO 19011:2003 - Guidelines for Quality and / or Environmental Management Systems Auditing;
 - (e) mechanisms for recording environmental incidents during construction, and actions taken in response to those incidents;
 - (f) provisions for reporting environmental incidents to the **Planning Secretary** and relevant public authorities (including Blayney Shire Council) during construction and for the life of the Project;
 - (g) procedures for rectifying any non-compliance identified during environmental auditing, and review of compliance or incident management; and
 - (h) provisions for ensuring all employees, contractors and sub-contractors are aware of, and comply with, the conditions of this Approval relevant to their respective activities.

Incident Notification

- E6. The Department must be notified in writing to compliance@planning.nsw.gov.au immediately after the Proponent becomes aware of the incident. The notification must identify the project, including the project application number and the name of the project, and set out the location and nature of the incident.

Non-Compliance Notification

- E7. The Department must be notified in writing to compliance@planning.nsw.gov.au within 7 days after the Proponent becomes aware of any non-compliance with the conditions of this approval. The notification must identify the project and the application number for it, set out the condition of approval that the project is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been done, or will be undertaken, to address the non-compliance.

AUDITING

- E8. Within 1 year of the commencement of construction, and every 3 years thereafter, unless the **Planning Secretary** directs otherwise, the Proponent must commission

and pay the full cost of an Independent Environmental Audit of the project. This audit must:

- (a1) be prepared in accordance with the relevant *Independent Audit Post Approval Requirements* (DPE 2018, or its latest versions);
- (a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the **Planning Secretary**;
- (b) include consultation with the relevant agencies;
- (c) assess the environmental performance of the project and whether it complies with the relevant requirements in this approval;
- (d) review the adequacy of any approved strategy, plan or program required under the abovementioned approval; and
- (e) recommend measures or actions to improve the environmental performance of the project, and/or any strategy, plan or program required under this approval.

Notes:

- *This audit team must be led by a suitably qualified auditor and/or experts in any other fields specified by the **Planning Secretary**.*
- *The Department's Independent Audit Guideline for State Significant Development provides an audit and reporting framework for the independent audit that will guide compliance with this condition.*

E9. Within 3 months of commissioning this audit, or as otherwise agreed by the **Planning Secretary**, the Proponent must submit a copy of the audit report to the **Planning Secretary**, together with its response to any recommendations contained in the audit report and a timetable for the implementation of these recommendations as required.

E10. The Proponent must implement these recommendations to the satisfaction of the **Planning Secretary**.

Revision of Strategies, Plans and Programs

E11. Within 3 years of the commencement of the operation of the project, or within 3 months of the submission of an:

- (a) incident report under condition E6;
 - (b) audit under condition E8; or
 - (c) any modification to the conditions of this approval,
- the Proponent shall review, and if necessary revise, the strategies, plans and programs required under this approval to the satisfaction of the **Planning Secretary**.

Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the project.

SCHEDULE F – **CONSTRUCTION ENVIRONMENTAL MANAGEMENT**

DUST GENERATION

- F1. The Project shall be constructed in a manner that minimises dust emissions from the site, including wind-blown and traffic-generated dust and tracking of material onto public roads. All Project related activities on the site shall be undertaken with the objective of preventing visible emissions of dust from the site. Should such visible dust emissions occur at any time, the Proponent shall identify and implement all feasible and reasonable dust mitigation measures, including cessation of relevant works as appropriate such that emissions of visible dust cease.

HERITAGE

- F2. In undertaking the Project, impacts to heritage, shall to the greatest extent practicable, be avoided and minimised. Where impacts as assessed in the EA are unavoidable, works shall be undertaken in accordance with the strategy outlined in the Construction Heritage Management Plan required by condition **F21(e)**.

NOISE AND VIBRATION

Construction Hours

- F3. **Unless the Planning Secretary agrees otherwise**, construction activities associated with the Project shall be undertaken during the following standard construction hours:
- (a) 7:00am to 6:00pm Mondays to Fridays;
 - (b) 8:00am to 1:00pm Saturdays; and
 - (c) at no time on Sundays or public holidays.
- F4. Construction works outside of the standard construction hours identified in condition F3 may be undertaken in the following circumstances:
- (a) construction works that generate noise that is:
 - (i) no more than 5 dB(A) above rating background level at any residence in accordance with the *Interim Construction Noise Guideline* (DECC, 2009); and
 - (ii) no more than the noise management levels specified in Table 3 of the *Interim Construction Noise Guideline* (DECC, 2009) at other sensitive receivers; or
 - (b) for the delivery of materials required outside these hours by the NSW Police Force or other authorities for safety reasons; or
 - (c) where it is required in an emergency to avoid the loss of lives, property and / or to prevent environmental harm; or
 - (d) works approved through an EPL; or
 - (e) works as approved through the out-of-hours work protocol outlined in the Construction Noise and Vibration Management Plan required under condition F21(b).
- F5. Except as expressly permitted by the EPL, activities resulting in impulsive or tonal noise emission (such as rock breaking, rock hammering, pile driving) shall only be undertaken:
- (a) between the hours of 8:00 am to 5:00 pm Monday to Friday;
 - (b) between the hours of 8:00 am to 1:00 pm Saturday; and
 - (c) in continuous blocks not exceeding three hours each with a minimum respite from those activities and works of not less than one hour between each block.

For the purposes of this condition 'continuous' includes any period during which there is less than a one hour respite between ceasing and recommencing any of the work the subject of this condition.

Construction Noise and Vibration

- F6. The Project shall be constructed with the aim of achieving the construction noise management levels detailed in the *Interim Construction Noise Guideline* (DECC, 2009). All feasible and reasonable noise mitigation measures shall be implemented and any activities that could exceed the construction noise management levels shall be identified and managed in accordance with the Construction Noise and Vibration Management Plan required under condition F21(b).

Note: The Interim Construction Noise Guideline identifies 'particularly annoying' activities that require the addition of 5dB(A) to the predicted level before comparing to the construction noise management levels.

- F7. The Project shall be constructed with the aim of achieving the following construction vibration goals:
- (a) for structural damage, the vibration limits set out in the German Standard *DIN 4150-3: Structural Vibration - effects of vibration on structures*; and
 - (b) for human exposure, the acceptable vibration values set out in the *Environmental Noise Management Assessing Vibration: A Technical Guideline* (DEC, 2006).
- F8. Airblast overpressure generated by blasting associated with the Project shall not exceed the criteria specified in Table 1 when measured at the most affected residence or other sensitive receiver.

Table 1- Airblast overpressure criteria

Airblast overpressure (dB(Lin Peak))	Allowable exceedance
115	5% of total number of blasts over a 12 month period
120	0%

- F9. Ground vibration generated by blasting associated with the Project shall not exceed the criteria specified in Table 2 when measured at the most affected residence or other sensitive receiver.

Table 2 – Peak particle velocity criteria

Receiver	Peak particle velocity (mm/s)	Allowable exceedance
Residence on privately owned land	5	5% of total number of blasts over a 12 month period
	10	0%
Historic heritage item	3	0%

PROPERTY IMPACTS

- F10. Access to private property shall be maintained during construction unless otherwise agreed with the affected property owner in advance. Access that is physically affected by the Project shall be reinstated by the Proponent to at least an equivalent standard, in consultation with the affected property owner.
- F11. Any damage caused to property as a result of the Project shall be rectified or the property owner compensated, within a reasonable timeframe, with the costs borne by the Proponent.

SOIL, WATER QUALITY AND HYDROLOGY

Construction Soil and Water Management

- F12. Soil and water management measures consistent with *Managing Urban Stormwater - Soils and Construction Vols 1 and 2, 4th Edition* (Landcom, 2004), or its latest version, shall be employed during the construction of the Project to minimise soil erosion and the discharge of sediment and other pollutants to land and / or waters.
- F13. Where available, and of appropriate chemical and biological quality, stormwater, recycled water or other water sources shall be used in preference to potable water for construction activities, including concrete mixing and dust control.
- F14. Construction activities within 40 metres of any watercourses, shall be consistent with the *Controlled Activity Guidelines* (NSW Office of Water, 2012) including, but not limited to, 'In-stream Works', 'Outlet Structures', 'Riparian Corridors', 'Vegetation Management Plans', and 'Watercourse Crossings', or any guidelines which supersede these documents.

TRAFFIC AND TRANSPORT

Designated Heavy and Over-Dimensional Vehicle Routes

- F15. Unless otherwise agreed by the **Planning Secretary**, prior to the commencement of construction, the Proponent must commission an independent, qualified person(s) to identify the proposed transport routes for all heavy and over-dimensional vehicle access to and from the site and agree on these routes in writing with the relevant road authority.

Note: These routes will form part of the haulage route to be surveyed as required by condition F16.

Road Upgrades

- F15A. Unless otherwise agreed by the **Planning Secretary**, the Proponent must:

- (a) prior to the commencement of construction, in consultation with the relevant roads authority, prepare a report with specific details of the public road works required to facilitate the safe access of construction vehicles to the site (including any over-size and/or over-mass general construction vehicles), excluding any wider works required to facilitate delivery of the over-size and over-mass wind turbine components. The report must also detail public road works and traffic management that must be undertaken during the construction phase as part of the ongoing construction works (as agreed with the relevant roads authority). Where improvements or changes to the proposed route are required as identified in the report as having to be completed prior to the commencement of construction, the Proponent must implement these to the satisfaction of the relevant roads authority, prior to the commencement of construction and at the full expense of the Proponent; and
- (b) prior to the commencement of any over-mass or over-dimensional vehicles accessing the site specifically for the delivery of wind turbine components, in consultation with the relevant roads authority, submit a report to the Department detailing specific public road works that must be completed prior to the delivery of the wind turbine components. Where improvements are required, the Proponent must implement these to the satisfaction of the relevant roads authority, prior to the delivery of the wind turbine components to site and at the full expense of the Proponent.

If there is a dispute about the road upgrades to be implemented, or the implementation of these upgrades, then either the Proponent or the relevant roads authority, may refer the matter to the **Planning Secretary** for resolution.

Road Dilapidation Report

- F16. **Prior to the commencement of construction**, the Proponent shall undertake a **Road Dilapidation Report** of sealed roads on the haulage route(s) within the Blayney Local Government Area. The Report shall assess the current condition of the road(s) and describe mechanisms to restore any damage that may result due to traffic and transport related to the construction of the Project. **The Report must be undertaken using a method agreed to by the relevant roads authority and** submitted to the relevant road authority for review prior to the commencement of haulage.

Road Repair

- F17. The Proponent shall repair all damage to sealed roads during construction. Measures undertaken to restore or reinstate roads affected by the Project shall be undertaken in accordance with the reasonable requirements of the relevant road authority (including timing requirements), and at the full expense of the Proponent. Within three months of completion of construction:
- (a) the Proponent shall undertake gravel re-sheeting to a minimum depth of **100** mm on all gravel roads used for access during construction. Works shall be completed in accordance with Roads and Maritime Services Specification M220; and
 - (b) a Report shall be prepared to assess any damage to sealed roads that may have resulted from the construction of the Project (including mechanisms to restore any damage) and submitted to the relevant road authority for review.

ANCILLARY FACILITIES

- F18. Unless otherwise approved by the **Planning Secretary**, the location of Ancillary Facilities shall:
- (a) be located more than 50 metres from a waterway;
 - (b) be located within or adjacent to the Project;
 - (c) have ready access to the road network;
 - (d) be located to minimise the need for heavy vehicles to travel through residential areas;
 - (e) be sited on relatively level land;
 - (f) be separated from nearest residences by at least 200 metres;
 - (g) not require vegetation clearing beyond that already required by the Project;
 - (h) not impact on heritage sites (including areas of archaeological sensitivity) beyond those already impacted by the Project;
 - (i) not unreasonably affect the land use of adjacent properties;
 - (j) be above the 20 ARI flood level unless a contingency plan to manage flooding is prepared and implemented; and
 - (k) provide sufficient area for the storage of raw materials to minimise, to the greatest extent practical, the number of deliveries required outside standard construction hours.

The location of the Ancillary Facilities shall be identified in the Construction Environmental Management Plan required under condition F20 and include consideration of the above criteria. Where the above criteria cannot be met for any proposed Ancillary Facility, the Proponent shall demonstrate to the satisfaction of the **Planning Secretary** that there will be no significant adverse impact from that facility's construction or operation. Such assessment(s) can be submitted separately or as part of the Construction Environmental Management Plan.

- F19. All construction ancillary facility sites shall be rehabilitated to at least their pre-construction condition, unless otherwise agreed by the affected landowner.

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

F20. Prior to the commencement of construction, or as otherwise agreed by the **Planning Secretary**, the Proponent shall prepare and implement (following approval) a **Construction Environmental Management Plan** for the Project. The Plan shall outline the environmental management practices and procedures that are to be followed during construction, and shall be prepared in consultation with the relevant government agencies (including **the Councils**). The Plan shall include, but not necessarily be limited to:

- (a) a description of activities to be undertaken during construction of the Project (including staging and scheduling);
- (b) statutory and other obligations that the Proponent is required to fulfil during construction, including approvals / consents, consultations and agreements required from authorities and other stakeholders under key legislation and policies;
- (c) a description of the roles and responsibilities for relevant employees involved in the construction of the Project, including relevant training and induction provisions for ensuring that employees, including contractors and sub-contractors are aware of their environmental and compliance obligations under these Conditions of Approval;
- (d) an environmental risk analysis to identify the key environmental performance issues associated with the construction phase; and
- (e) details of how environmental performance would be managed and monitored to meet acceptable outcomes, including what actions will be taken to address identified potential adverse environmental impacts (including any impacts arising from the staging of the construction of the Project). In particular, the following environmental performance issues shall be addressed in the Plan:
 - i. compounds and ancillary facilities management;
 - ii. noise and vibration;
 - iii. traffic and access;
 - iv. soil and water quality and spoil management;
 - v. air quality and dust management;
 - vi. management of Aboriginal and non-Aboriginal heritage;
 - vii. soil contamination, hazardous material and waste management;
 - viii. management of ecological impacts; and
 - ix. hazard and risk management.

The Plan shall be submitted for the approval of the **Planning Secretary** no later than one month prior to the commencement of construction, or as otherwise agreed by the **Planning Secretary**. The Plan may be prepared in stages, however, construction works for each stage shall not commence until written approval has been received from the **Planning Secretary**.

The approval of a Construction Environmental Management Plan does not relieve the Proponent of any requirement associated with this Approval. If there is an inconsistency with an approved Construction Environmental Management Plan and the conditions of this Approval, the requirements of this Approval prevail.

F21. As part of the Construction Environmental Management Plan for the Project required under condition **F20** the Proponent shall prepare and implement:

- (a) a **Construction Compound and Ancillary Facilities Management Plan** to detail the management of construction ancillary facilities associated with the Project. The Plan shall include but not be limited to:
 - i. a description of the facility, its components and the surrounding environment;
 - ii. details of the activities to be carried out at each facility, including the hours of use and the storage of dangerous and hazardous goods;
 - iii. an assessment against the locational criteria outlined in condition F18;

- iv. details of the mitigation and management procedures specific to the facility that would be implemented to minimise environmental and amenity impacts, and an assessment of the adequacy of the mitigation or offsetting measures;
 - v. identification of the timing for the completion of activities at the facility and how the site will be decommissioned (including any necessary rehabilitation); and
 - vi. mechanisms for the monitoring, review and amendment of this Plan.
- (b) a **Construction Noise and Vibration Management Plan** to detail how construction noise and vibration impacts will be minimised and managed. The Plan shall be consistent with the guidelines contained in the *Interim Construction Noise Guidelines* (DECC, 2009) and shall include, but not be limited to:
- i. identification of sensitive receivers and relevant construction noise and vibration goals applicable to the Project stipulated in this approval;
 - ii. details of construction activities and an indicative schedule for construction works, including the identification of key noise and / or vibration generating construction activities (based on representative construction scenarios, including at ancillary facilities) that have the potential to generate noise and / or vibration impacts on surrounding sensitive receivers;
 - iii. identification of feasible and reasonable measures proposed to be implemented to minimise and manage construction noise and vibration impacts (including construction traffic noise impacts);
 - iv. procedures and mitigation measures to ensure relevant vibration and blasting criteria are achieved, including a suitable blast program, applicable buffer distances for vibration intensive works, use of low-vibration generating equipment / vibration dampeners or alternative construction methodology, and pre- and post- construction dilapidation surveys of sensitive structures where blasting and / or vibration is likely to result in damage to buildings and structures (including surveys being undertaken immediately following a monitored exceedance of the criteria);
 - v. a description of how the effectiveness of these actions and measures would be monitored during the proposed works, clearly indicating how often this monitoring would be conducted, the locations where monitoring would take place, how the results of this monitoring would be recorded and reported, and, if any exceedance is detected, how any non-compliance would be rectified; and
 - vi. mechanisms for the monitoring, review and amendment of this Plan.
- (c) a **Construction Traffic and Access Management Plan** to manage construction traffic and access impacts of the Project. The Plan shall be developed in consultation with the relevant road authority and shall include, but not necessarily be limited:
- i. identification of construction traffic routes and construction traffic volumes (including heavy vehicle / spoil haulage / material haulage) on these routes;
 - ii. details of vehicle movements for construction sites and site compounds including parking, dedicated vehicle turning areas, and ingress and egress points;
 - iii. identification of construction impacts that could result in disruption of traffic, public transport (inclusive of school buses), pedestrian and cycle access, property access, including details of oversize load movements;
 - iv. details of management measures to minimise traffic impacts, including temporary road work traffic control measures, onsite vehicle queuing and parking areas and management measures to minimise peak time congestion (including on school buses), and measures to ensure safe pedestrian and cycle access;
 - v. a response plan which sets out a proposed response to any traffic, construction or other incident; and
 - vi. mechanisms for the monitoring, review and amendment of this Plan.

- (d) a **Construction Soil and Water Quality Management Plan** to manage surface and groundwater impacts during construction of the Project. The plan shall be developed in consultation with **Dol – L&W** and Blayney Shire Council and include, but not necessarily be limited to:
- i. details of construction activities and their locations, which have the potential to impact on water courses, storage facilities, stormwater flows, and groundwater;
 - ii. surface water and ground water impact assessment criteria consistent with *Australian and New Zealand Environment Conservation Council (ANZECC) guidelines*;
 - iii. management measures to be used to minimise surface and groundwater impacts, including details of how spoil and fill material required by the Project will be sourced, handled, stockpiled, reused and managed, erosion and sediment control measures, and the consideration of flood events;
 - iv. management measures for contaminated material and a contingency plan to be implemented in the case of unanticipated discovery of contaminated material during construction;
 - v. a description of how the effectiveness of these actions and measures would be monitored during the proposed works, clearly indicating how often this monitoring would be undertaken, the locations where monitoring would take place, how the results of the monitoring would be recorded and reported, and, if any exceedance of the criteria is detected how any non-compliance can be rectified; and
 - vi. mechanisms for the monitoring, review and amendment of this Plan.
- (e) a **Construction Heritage Management Plan** to detail how construction impacts on Aboriginal and Historic heritage will be minimised and managed. The Plan shall be developed in consultation with the **Heritage NSW** and registered Aboriginal stakeholders (for Aboriginal heritage), and include, but not necessarily be limited to:
- i. in relation to Aboriginal Heritage:
 - details of further investigation and identification of Aboriginal cultural heritage sites within the Project area;
 - details of management measures to be carried out in relation to Aboriginal heritage, including a detailed methodology and strategies for protection, monitoring, and conservation, of sites and items associated with the Project;
 - procedures for dealing with previously unidentified Aboriginal objects (excluding human remains) including cessation of works in the vicinity, assessment of the significance of the item(s) and determination of appropriate mitigation measures including when works can re-commence by a suitably qualified archaeologist in consultation with the Department, **Heritage NSW** and registered Aboriginal stakeholders, and assessment of the consistency of any new Aboriginal heritage impacts against the approved impacts of the Project, and registering of the new site in the **Heritage NSW's** Aboriginal Heritage Information Management System (AHIMS) register;
 - procedures for dealing with human remains, including cessation of works in the vicinity and notification of the Department, NSW Police Force, **Heritage NSW** and registered Aboriginal stakeholders and not recommencing any works in the area unless authorised by the Department and / or the NSW Police Force;
 - heritage training and induction processes for construction personnel (including procedures for keeping records of inductions) and obligations under the conditions of this Approval and *National Parks and Wildlife Act 1974* (where relevant) including site identification, protection and conservation of Aboriginal cultural heritage;
 - procedures for ongoing Aboriginal consultation and involvement for the duration of the Project, and ensure that the Orange Local Aboriginal Land

- Council (administrator) and Wiradjuri Traditional Owners Central West Corporation is kept informed of the process; and
- mechanisms for the monitoring, review and amendment of this plan.
- ii. in relation to Historic Heritage:
- identification of heritage items directly and indirectly affected by the Project;
 - details of management measures to be implemented to prevent and minimise impacts on heritage items (including further heritage investigations, archival recordings and / or measures to protect unaffected sites during construction works in the vicinity);
 - procedures for dealing with previously unidentified heritage objects (including cessation of works in the vicinity), assessment of the significance of the item(s) and determination of appropriate mitigation measures including when works can recommence by a suitably qualified and experienced archaeologist in consultation with the **Heritage NSW** and the Department, and assessment of the consistency of any new heritage impacts against the approved impacts of the Project;
 - heritage training and induction processes for construction personnel (including procedures for keeping records of inductions and obligations under the *Heritage Act 1977* and these conditions) including site identification, protection and conservation of non-Aboriginal cultural heritage; and
 - mechanisms for the monitoring, review and amendment of this plan.
- (f) a **Construction Flora and Fauna Management Plan** to detail how construction impacts on ecology will be minimised and managed. The Plan shall be developed in consultation with the **BCS** and shall include, but not necessarily be limited to:
- i. **plans and tables for impacted and adjoining areas showing vegetation communities (identified to Plant Community Type); watercourses; remnant vegetation (including scattered trees); important flora and fauna habitat areas; locations where threatened species, populations or ecological communities have been recorded; including pre-clearing surveys to confirm the location, description of condition, status, numbers, area (hectares) of threatened flora and fauna species and associated habitat features;**
 - ii. **procedures for minimising the extent of vegetation clearing and replacement of any fauna habitat;**
 - iii. the identification of areas to be cleared and details of management measures (such as fencing, clearing procedures, removal and relocation of fauna during clearing, habitat tree management and construction worker education) to avoid any residual habitat damage or loss and to minimise or eliminate time lags between the removal and subsequent replacement of habitat;
 - iv. rehabilitation details, including identification of flora species and sources, and measures for the management and maintenance of rehabilitated areas;
 - v. weed management measures focusing on early identification of invasive weeds and effective management controls;
 - vi. a description of how the effectiveness of these actions and measures would be monitored, clearly indicating how often this monitoring would be undertaken, the locations where monitoring would take place, how the results of the monitoring would be recorded and reported and, if any exceedance of the criteria is detected, how any non-compliance can be rectified;
 - vii. a procedure for dealing with unexpected EEC / threatened species identified during construction, including cessation of work and notification of the **BCS** and the Department, determination of appropriate mitigation measures in consultation with the **BCS** (including relevant re-location measures) and updating of ecological monitoring and / or biodiversity offset requirements; and

- viii. mechanism for the monitoring, review and amendment of this Plan.
- (g) a **Construction Air Quality Management Plan** to detail how construction impacts on air quality will be minimised and managed. The Plan shall include, but not necessarily be limited to:
- i. the identification of potential sources of dust;
 - ii. dust management objectives;
 - iii. mitigation measures to be implemented, including measures during weather conditions where high dust level episodes are probable (such as strong winds in dry weather);
 - iv. a monitoring program to assess compliance with the identified objectives; and
 - v. mechanisms for the monitoring, review and amendment of this Plan.
- (h) a **Bushfire Management Plan** to detail measures to prevent fires during the construction phase. **This Plan shall be developed in consultation with the Forestry Corporation NSW and shall include:**
- i. work involving risk of ignition that should not be carried out during a total fire ban;
 - ii. availability of fire suppression equipment;
 - iii. storage and maintenance of fuels and other flammable materials; and
 - iv. notification of the Canobolas Zone Rural Fire Service Fire Control Centre for works proposed to be carried out during high fire danger periods to ensure weather conditions are appropriate.

SCHEDULE G – **OPERATION ENVIRONMENTAL MANAGEMENT**

HAZARD AND RISK

Bushfire Risk

- G1. Throughout the operational life of the Project, the Proponent shall regularly consult with the Canobolas Zone Rural Fire Service to ensure its familiarity with the Project. The Proponent shall comply with any reasonable request of the Canobolas Zone Rural Fire Service to reduce the risk of bushfire and to enable fast access in emergencies.

Safety Management System

- G2. At least two months prior to the commencement of commissioning, the Proponent shall prepare a report outlining a comprehensive **Safety Management System**, covering all on-site systems relevant to ensuring the safe operation of the Project. The System shall clearly specify all safety related procedures, responsibilities and policies, along with details of mechanisms for ensuring adherence to the procedures. Records shall be kept at the site and shall be available for inspection by the Department upon request. The Safety Management System shall be developed in accordance with the *Department's Hazardous Industry Planning Advisory Paper No. 9, 'Safety Management'*, and should include:
- (a) procedures and programs for the maintenance and testing of the safety related equipment to ensure its integrity over the life of the Project; and
 - (b) an outline of a documented procedure for the management of change.

Television, Radio and Telephone/Internet Interference

- G3. Prior to the commencement of commissioning of the Project, the Proponent shall undertake an assessment of the existing quality of the television, radio and telephone/internet transmission available at a representative sample of receivers located within five kilometres of any wind turbine.
- G4. In the event of a complaint from a receptor located within five kilometres of a wind turbine regarding television / radio / telephone / internet transmission during the operation of the Project, the Proponent shall investigate the quality of transmission at the receptor compared with the pre-commissioning assessment and where any transmission problems can be reasonably attributable to the Project, rectify the problems as soon as possible and within three months of the receipt of the complaint, through the implementation of measures including:
- (a) modification to or replacement of receiving antenna;
 - (b) installation and maintenance of a parasitic antenna system;
 - (c) provision of a land line between the affected receptor and an antenna located in an area of favourable reception; and / or
 - (d) other feasible measures.

If interference cannot be overcome by the measures outlined in (a) to (d), the Proponent shall negotiate with the impacted landowner(s) about installing and maintaining a satellite receiving antenna. The Proponent shall be responsible for all costs associated with any such mitigation measures.

REHABILITATION AND REVEGETATION

G5. Deleted.

G6. Deleted

NOISE

Operational Noise Criteria – Wind Turbines

- G7. The Proponent must ensure that the noise generated by the operation of wind turbines does not exceed the relevant criteria in Table 3 at any non-associated residence.

Table 3: Noise criteria dB(A)

Residence	Criteria (dB(A)) Referenced to Hub Height (85m AGL) Wind Speed (m/s)										
	3 or less	4	5	6	7	8	9	10	11	12	13
R010, R011, R012, R013, R014, R046, R048, R057, R071, R072, R074, R095, R102	35	35	36	37	38	39	40	41	42	43	44
R023, R024, R025, R043, R055, R090, R108	35	35	35	35	36	37	38	39	40	40	41
R027, R044	35	35	35	35	35	36	38	39	40	41	42
R056, R077, R078, R099	35	35	35	35	35	35	36	37	38	40	41
R089	35	35	35	35	37	39	40	42	43	43	43
All other residences not associated with the project and wind speeds > 12m/s	The higher of 35 dB(A) or the existing background noise level plus 5 dB(A)										

Note: To identify the residences referred to in Table 3, see the applicable figure in Appendix 2.

Noise generated by the operation of the wind turbines is to be measured in accordance with the relevant requirements of the Department's *Wind Energy: Noise Assessment Bulletin* (2016) (or its latest version) and the provisions in Appendix 2. If this guideline is replaced by an equivalent NSW guideline, then the noise generated is to be measured in accordance with the requirements in the NSW guideline.

However, these criteria do not apply if the Proponent has an agreement with the relevant owner/s of these residences to generate higher noise levels, and the Proponent has advised the Department in writing of the terms of this agreement.

Operational Noise Criteria - Ancillary Infrastructure

- G8. The Proponent must ensure that the noise generated by the operation of ancillary infrastructure does not exceed 35 dB(A) $L_{Aeq}(15 \text{ minute})$ at any residence not associated with the project.

Noise generated by the operation of ancillary infrastructure is to be measured in accordance with the relevant requirements of the *NSW Industrial Noise Policy* (or its equivalent).

Operational Noise Monitoring

- G9. Within 3 months of the commencement of operations (or the commencement of operation of a cluster of turbines, if the project is to be staged), unless otherwise agreed by the **Planning Secretary**, the Proponent must:**
- (a) undertake noise monitoring to determine whether the project is complying with the relevant conditions of this approval; and
 - (b) submit a copy of the monitoring results to the Department and the EPA.
- G10. The Proponent must undertake further noise monitoring of the project if required by the **Planning Secretary**.**

OPERATIONAL ENVIRONMENTAL MANAGEMENT PLAN

- G11. Prior to the commencement of operation, or as otherwise agreed by the **Planning Secretary**, the Proponent shall prepare and implement (following approval) an **Operation Environmental Management Plan** for the Project. The Plan shall outline the environmental management practices and procedures that are to be followed during operation, and shall be prepared in consultation with relevant agencies and in accordance with the *Guideline for the Preparation of Environmental Management Plans* (Department of Infrastructure, Planning and Natural Resources, 2004). The Plan shall include, but not necessarily be limited to:**
- (a) a description of activities to be undertaken during operation of the Project (including staging and scheduling);
 - (b) statutory and other obligations that the Proponent is required to fulfil during operation, including approval / consents, consultations and agreements required from authorities and other stakeholders under key legislation and policies;
 - (c) overall environmental policies, guidelines and principles to be applied to the operation of the Project;
 - (d) a description of the roles and responsibilities for relevant employees involved in the operation of the Project, including relevant training and induction provisions for ensuring that employees are aware of their environmental and compliance obligations under these Conditions of Approval;
 - (e) an environmental risk analysis to identify the key environmental performance issues associated with the operation phase of the Project; and
 - (f) details of how environmental performance would be managed and monitored to meet acceptable outcomes, including what actions will be taken to address identified potential adverse environmental impacts, including those safeguards and mitigation measures detailed in the EA (and any impacts arising from the staging of the construction of the Project).

The Plan shall be submitted for the approval of the **Planning Secretary** no later than one month prior to the commencement of operation, or as otherwise agreed by the **Planning Secretary**. Operation shall not commence until written approval has been received from the **Planning Secretary**. Upon receipt of the **Planning Secretary's** approval, the Proponent shall make the Plan publicly available as soon as practicable.

Note: The approval of an Operation Environmental Management Plan does not relieve the Proponent of any other requirement associated with this Project Approval. If there is an inconsistency with an approved Operation Environmental Management Plan and the conditions of this Project Approval, the requirements of this Project Approval prevail.

- G12. As part of the Operation Environmental Management Plan required under condition **G11**, the Proponent shall prepare and implement a Bushfire Management Plan to detail measures to prevent fires during the operational phase including:**
- (a) work involving risk of ignition that should not be carried out during a total fire ban;
 - (b) availability of fire suppression equipment;
 - (c) storage and maintenance of fuels and other flammable materials;

- (d) notification of the Canobolas Zone Rural Fire Service Fire Control Centre for works proposed to be carried out during high fire danger periods to ensure weather conditions are appropriate; and
- (e) managing operations to assist bush fire fighting in the vicinity of the wind farm (e.g potentially switching off turbines).

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SCHEDULE H – ADDITIONAL PROCEDURES

DECOMMISSIONING

- H1. Within 18 months of the cessation of operations, unless the **Planning Secretary** agrees otherwise, the Proponent shall rehabilitate the site to the satisfaction of the **Planning Secretary**. This rehabilitation must comply with the objectives in Table 4.

Table 4: Rehabilitation Objectives

<i>Feature</i>	<i>Objective</i>
Project site (as a whole)	<ul style="list-style-type: none"> • Safe, stable and non-polluting • Minimise the visual impact of any above ground ancillary infrastructure agreed to be retained for an alternative use as far as is reasonable and feasible
Revegetation	<ul style="list-style-type: none"> • Restore native vegetation generally as identified in the EA
Above ground wind turbine infrastructure (excluding wind turbine pads)	<ul style="list-style-type: none"> • To be decommissioned and removed, unless the Planning Secretary agrees otherwise
Wind turbine pads	<ul style="list-style-type: none"> • To be covered with soil and/or rock and revegetated
Above ground ancillary infrastructure	<ul style="list-style-type: none"> • To be decommissioned and removed, unless an agreed alternative use is identified to the satisfaction of the Planning Secretary
Internal access roads	<ul style="list-style-type: none"> • To be decommissioned and removed, unless an agreed alternative use is identified to the satisfaction of the Planning Secretary
Land use	<ul style="list-style-type: none"> • Restore or maintain land capability as described in the EA
Community	<ul style="list-style-type: none"> • Ensure public safety

Progressive Rehabilitation

- H2. The Proponent must:

- (a) rehabilitate all areas of the site not proposed for future disturbance progressively, that is, as soon as reasonably practicable following construction or decommissioning;
- (b) minimise the total area exposed at any time; and
- (c) employ interim rehabilitation strategies to minimise dust generation, soil erosion and weed incursion on parts of the site that cannot yet be permanently rehabilitated.

- H3. Prior to the cessation of operations, the Proponent shall prepare a detailed Decommissioning Plan for the Project to the satisfaction of the **Planning Secretary**. This plan must outline the detailed measures that would be implemented to achieve the objectives in Table 4 above.

- H4. Unless otherwise agreed by the **Planning Secretary**, the Proponent shall commission an independent, qualified person or team to undertake the following in consultation with the relevant road authority:
- (a) prior to the commencement of decommissioning, review the proposed route and existing access provisions to the **Project** to determine whether the route and existing provisions allow for safe access of decommissioning vehicles associated with the Project (including appropriate site distances and provisions for over-mass or over-dimensional transport and safety with other road users). Where improvements or changes to the proposed route are required, the Proponent shall implement these in

- consultation with the relevant road authority, prior to the commencement of decommissioning and at the full expense of the Proponent; and
- (b) assess all roads proposed to be used for over-mass and / or over-dimensional transport (including intersections, bridges, culverts and other road features) prior to the commencement of decommissioning to determine whether the existing road condition can accommodate the proposed over-mass and / or over-dimensional haulage. Where improvements are required, the Proponent shall implement these in consultation with the relevant road authority, prior to the commencement of decommissioning and at the full expense of the Proponent.

Upon determining the haulage route(s) for decommissioning vehicles associated with the Project, and prior to decommissioning, undertake a **Road Dilapidation Report**. The Report shall assess the current condition of the road(s) and describe mechanisms to restore any damage that may result due to traffic and transport related to the decommissioning of the Project. The Report shall be submitted to the relevant road authority for review prior to the commencement of haulage.

Within three months of completion of decommissioning, a subsequent Report shall be prepared to assess any damage that may have resulted from the construction of the Project (including mechanisms to restore any damage) and submitted to relevant road authority for review.

Measures undertaken to restore or reinstate roads affected by the Project shall be undertaken in accordance with the reasonable requirements of the relevant road authority (including timing requirements), and at the full expense of the Proponent.

- H5. Prior to the commencement of decommissioning, or as otherwise agreed by the **Planning Secretary**, the Proponent shall prepare and implement (following approval) a **Decommissioning Environmental Management Plan** for the Project. The Plan shall include, but not necessarily be limited to:
- (a) a description of activities to be undertaken during decommissioning of the Project (including staging and scheduling);
 - (b) statutory and other obligations the Proponent is required to fulfil during decommissioning, including approval / consents, consultations and agreements required from authorities and other stakeholders under key legislation and policies;
 - (c) a description of the roles and responsibilities for relevant employees involved in the decommissioning of the Project, including relevant training and induction provisions for ensuring that employees, including contractors and sub-contractors are aware of their environmental and compliance obligations under these Conditions of Approval;
 - (d) an environmental risk analysis to identify the key environmental performance issues associated with the decommissioning phase; and
 - (e) details of how environmental performance will be managed and monitored to meet acceptable outcomes, including what actions will be taken to address identified potential adverse environmental impacts (including any impacts arising from the staging of the decommissioning of the Project). The Plan shall be submitted for the approval of the **Planning Secretary** no later than one month prior to the commencement of decommissioning, or as otherwise agreed by the **Planning Secretary**.
-

APPENDIX 1
SCHEDULE OF LAND & PROJECT LAYOUT

Landowner	Lot	DP
1	75	750358
2	8	750358
	52	750358
	2	1191462
3	1	927568
	78	750359
	10	750359
	60	750359
	61	750359
	62	750359
	1	1078747
	2	1078747
4	202	750359
	204	750359
5	163	750358
	427	1067009
	69	750358
	425	1067009
	426	1067009
6	201	750359
7	6	1031238
8	66	750359
	72	750359
	208	750359
	2	1089147
	3	1089147
	1	1089162
	94	750358
	95	750358
	96	750358
	911	1208037

Landowner	Lot	DP
	910	1208037
9	12	1063204
	6	550053
	50	750358
	53	750358
	76	750358
10	62	750358
	181	750358
	180	750358
	10	750358
	1	1191442
	2	1191442
11	533	749105
	1	1071270
12	83	750359
13	162	750358
14	161	750358
	5	1031238
15	67	750358
16	1	519767
	2	519767
	206	750359
	841	1130733
	1	396680
	1	1079963
	101	750359
	117	750359
	118	750359
	119	750359
	120	750359
	1	1202277
	1	1217226
17	63	750358

Landowner	Lot	DP
18	103	1040753
	22	1078095
	21	1078095
	8	1040755
	7	1040755
	1	101186
19	101	881593
	Flyers Creek watercourse	
	Enclosure Permit 20108	
	Enclosure Permit 20112	
20	Easement within Lot 2, DP 1028980 and Lot 40, DP 7505768	

Note: The project site will also be taken to include any crown land, and any road reserves, contained within the project site, including any land required for the construction of the 132 kV transmission line.

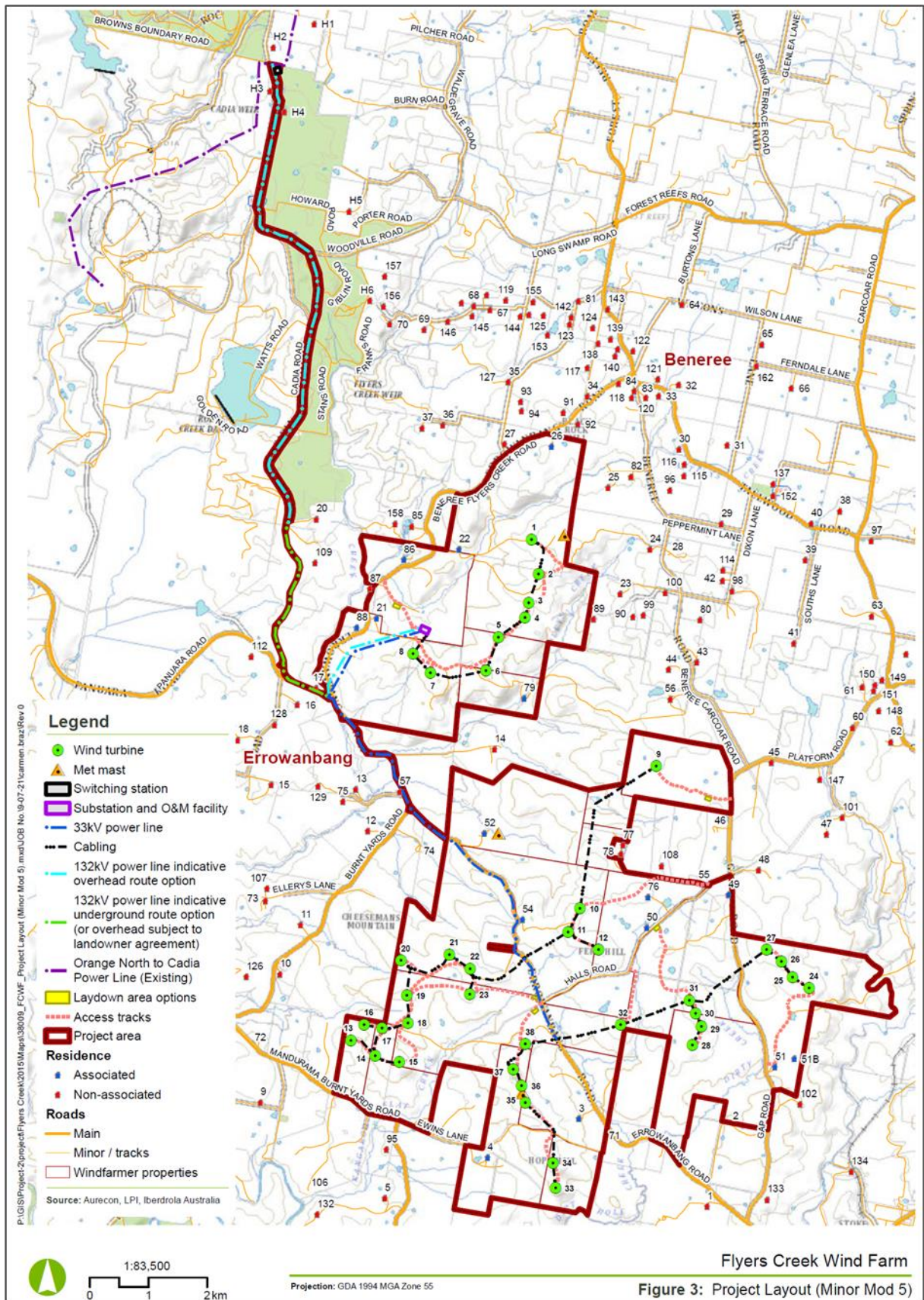


Figure 1-1: Project layout

Table 1-1: GPS Coordinates of turbines

Wind Turbine		MGA Coordinates		Latitude & Longitude	
Ref Number	Superseded Wind Turbine Ref Number (Refer to MP 08_0252 Mod-3)	Easting (m)	Northing (m)	Latitude	Longitude
1	3	692487	6290959	-33° 30' 13"	149° 4' 20"
2	5	692610	6290375	-33° 30' 32"	149° 4' 26"
3	6	692438	6289879	-33° 30' 48"	149° 4' 19"
4	7	692375	6289621	-33° 30' 57"	149° 4' 16"
5	8	691922	6289293	-33° 31' 7"	149° 3' 58"
6	9	691710	6288716	-33° 31' 26"	149° 3' 50"
8	10	690463	6289008	-33° 31' 18"	149° 3' 4"
7	11	690764	6288686	-33° 31' 28"	149° 3' 14"
9	15	694616	6287092	-33° 32' 17"	149° 5' 45"
10	18	693315	6284663	-33° 33' 37"	149° 4' 55"
11	19	693106	6284262	-33° 33' 50"	149° 4' 48"
12	20	693633	6283962	-33° 33' 59"	149° 5' 10"
13	29	689403	6282413	-33° 34' 52"	149° 2' 28"
14	30	689820	6282149	-33° 35' 1"	149° 2' 42"
15	31	690231	6282050	-33° 35' 3"	149° ° 3' 0"
16	28	689635	6282686	-33° 34' 43"	149° 2' 35"
17	27	689933	6282625	-33° 34' 45"	149° 2' 49"
18	26	690381	6282714	-33° 34' 42"	149° 3' 4"
19	25	690357	6283178	-33° 34' 27"	149° 3' 4"
20	24	690258	6283778	-33° 34' 7"	149° 3' 0"
21	21	691091	6283878	-33° 34' 4"	149° 3' 32"
22	22	691440	6283635	-33° 34' 11"	149° 3' 47"
23	23	691436	6283205	-33° 34' 25"	149° 3' 47"
24	46	697221	6283308	-33° 34' 18"	149° 7' 30"
25	45	696940	6283488	-33° 34' 12"	149° 7' 19"
26	44	696745	6283761	-33° 34' 4"	149° 7' 12"
27	43	696494	6283966	-33° 33' 57"	149° 7' 1"
28	42	695229	6282331	-33° 34' 51"	149° 6' 14"
29	41	695383	6282655	-33° 34' 40"	149° 6' 18"
30	40	695285	6282880	-33° 34' 33"	149° 6' 14"
31	39	695178	6283099	-33° 34' 26"	149° 6' 11"
32	38	694007	6282678	-33° 34' 41"	149° 5' 24"
33	37	692897	6279893	-33° 36' 12"	149° 4' 44"
34	36	692852	6280328	-33° 35' 58"	149° 4' 41"
35	35	692379	6281358	-33° 35' 25"	149° 4' 23"
36	34	692320	6281639	-33° 35' 15"	149° 4' 19"
37	33	692173	6281920	-33° 35' 6"	149° 4' 16"
38	32	692382	6282353	-33° 34' 52"	149° 4' 23"

APPENDIX 2

NOISE COMPLIANCE ASSESSMENT

Applicable Meteorological Conditions – Wind Turbines

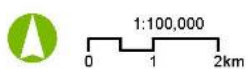
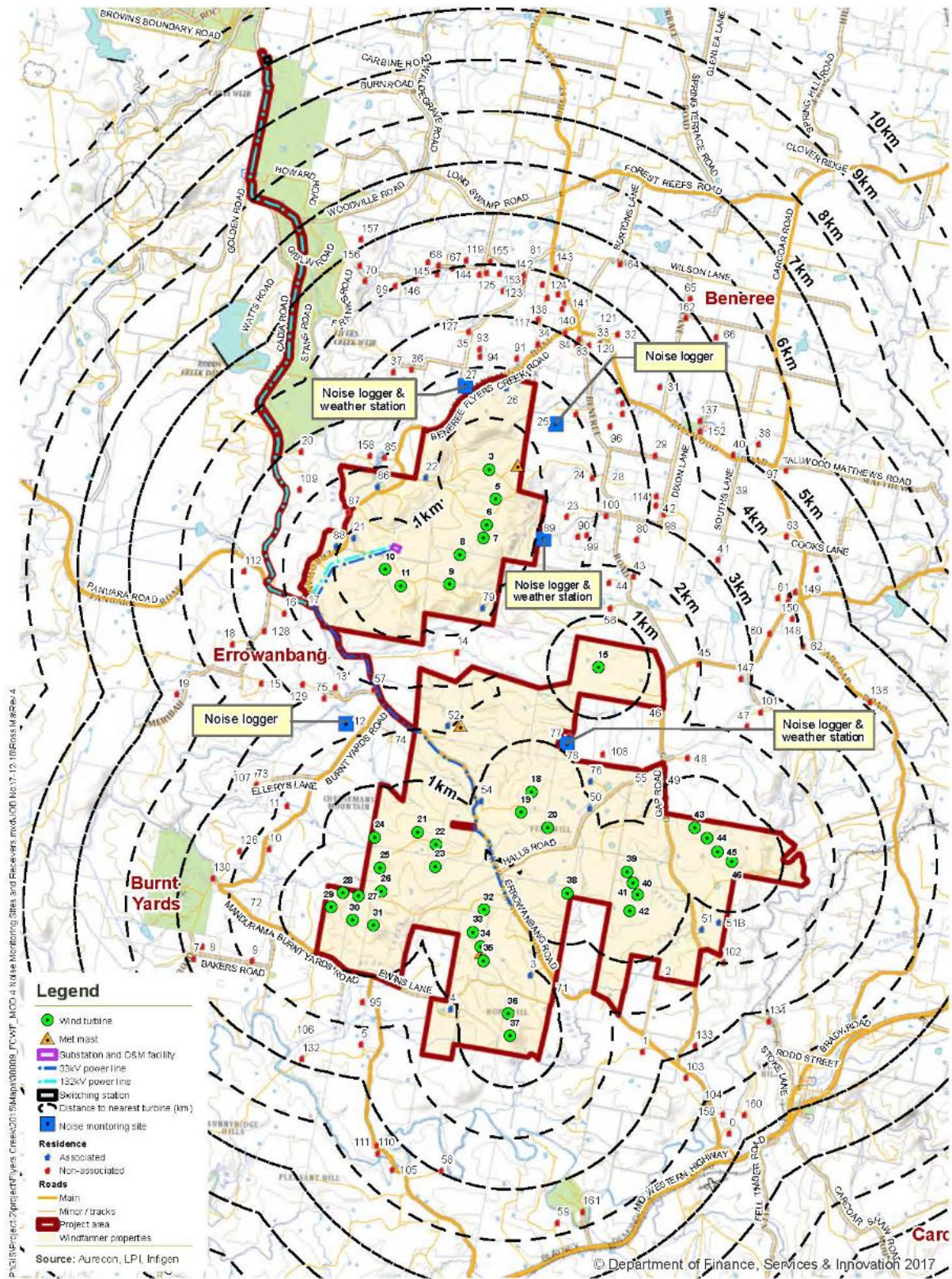
The noise criteria in Table 3 of the conditions are to apply under all meteorological conditions.

Applicable Meteorological Conditions – Other Facilities

The noise criteria in Condition G7 are to apply under all meteorological conditions except the following:

- a) wind speeds greater than 3 m/s at 10 m above ground level; or
- b) temperature inversion conditions between 1.5 °C and 3°C/100m and wind speeds greater than 2 m/s at 10 m above ground level; or
- c) temperature inversion conditions greater than 3°C/100m.

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Projection: GDA 1994 MGA Zone 55

Flyers Creek Wind Farm

MOD 4 Figure 3: Noise Monitoring Sites and Receivers

Figure 2-1: Noise monitoring sites and receiver locations (not to be used to identify turbine locations)