

Project EnergyConnect (NSW - Eastern Section) Ecology Pre-Clearance Survey Report



General information	
Item	Detail
Ecologist / Fauna Spotter(s) completing Pre-Clearance Survey	Name: Hannah Roberts Qualification: Ecologist(s)
Date of Pre-Clearance Survey	09/08/2025
Specific Pre-Clearance Survey location (Line No./ Tower / Span No.)	L5 Easement between Towers 71-73
Scope methodology	Desktop review of vegetation mapping for nominated area informed by previous in field visual inspections (across multiple dates) by ecologists for the proposed disturbance area(s).

Pre-clearance Survey details					
Infrastructure surveyed					
Tower footprint	<input checked="" type="checkbox"/>	Centreline	<input checked="" type="checkbox"/>		
Break and winch site, OPGW, EPZ, hurdle and/or crane pad site	<input checked="" type="checkbox"/>	Parking areas	<input checked="" type="checkbox"/>		
Access track (existing)	<input checked="" type="checkbox"/>	Access track (new)	<input checked="" type="checkbox"/>		
Disturbance Area B	<input checked="" type="checkbox"/>	Other	<input checked="" type="checkbox"/>		
Any other details:	Hazard trees				
Protected Matters					
Item	Presence identified		Quantum surveyed (Ha)	Quantum which will be disturbed (Ha)	Comments
	Yes	No			
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland ^{1,2}	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ^{1,2}	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Weeping Myall Woodlands ^{1,2}	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Natural Grasslands of the Murray Valley Plains ^{1,2}	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Habitat for Mossgiel Daisy ^{1,2}	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Habitat for Chariot Wheels ^{1,2}	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Habitat for Slender Darling Pea ^{1,2}	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Notes:					
1 Protected matter listed within the Notification of Approval EnergyConnect NSW – Eastern Section (EPBC 2020/8766)					
2 Protected matter listed within the Revised Biodiversity Development Assessment Report (August 2022)					

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Pre-clearance Survey details

Management measures required to avoid or minimise impacts to Protected Matters:

- 0.88 ha of Squirrel Glider (*Petaurus norfolcensis*) habitat mapped within Disturbance Area B.
- 0.88 ha of Small Scurf-pea (*Cullen parvum*) habitat mapped within Disturbance Area B.
- No additional mitigation measures required. Clearing works to be managed in accordance with the approved Biodiversity Management Plan.

Hollow Bearing / Habitat Trees

Habitat trees and habitat features identified & marked?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Comments: Habitat identified. Hollow-bearing trees and stick nests, and wombat burrows.
GPS coordinates and habitat trees recorded?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Comments: Waypoint ID 54-56, 444-446, 791-807, 806, 808-815, 305B-316B, 806A, 807A, (previously cleared or to be retained).
Nest boxes required?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Comments:
Fauna spotter required to be present during clearing activities?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Comments: Required for any additional tree removal.

Weeds

Were any Weeds of National Significance or Priority Weeds identified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Details: Silver-leafed Nightshade (<i>Solanum elaeagnifolium</i>)
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Environmental exclusion zones

Threatened Species Identified within Disturbance Area B?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Details: Spotted Harrier (<i>Circus assimilis</i>) and Grey-crowned Babbler (<i>Pomatostomus temporalis</i>) previously observed.
Environmental exclusion zones required?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details: Not required due to disturbance caused by prior clearing.

Unexpected Finds

Were any Unexpected Finds identified?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details:
If yes, has the Environmental Manager been notified?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details:

Additional comments:

- Ecologist required for any tree clearing activities.
- Vegetation removal has previously occurred within easement.
- Grey-crowned Babblers (*Pomatostomus temporalis*) (vulnerable under the BC Act) previously observed actively foraging in area.
- Spotted Harrier (*Circus assimilis*) (vulnerable under the BC Act) previously observed nesting in area.
- Weeds to be managed in accordance with the Biosecurity Management Plan.
- Additional weed species: Paspalum (*Paspalum dilatatum*), Flaxleaf Fleabane (*Erigeron bonariensis*), Horseweed (*Erigeron canadensis*), Spear Thistle (*Cirsium vulgare*), Bromus sp., Paterson's Curse (*Echium plantagineum*), Drain Flat-sedge (*Cyperus eragrostis*), Couch (*Cynodon dactylon*), Sow Thistle (*Sonchus oleraceus*), Erodium sp., Bathurst Burr (*Xanthium spinosum*), Trifolium sp., Black Nightshade (*Solanum nigrum*), Epilobium sp., Amaranthus sp., Rumex sp., Knotweed (*Polygonum aviculare*), Slender Pigeon-grass (*Setaria parviflora*), Wild Oat (*Avena* sp.), Soursob (*Oxalis pes-caprae*), Prickly Lettuce (*Lactuca serriola*), Small-flowered Mallow (*Malva parviflora*), Giant Nettle (*Urtica dioica*), Barley Grass (*Hordeum* sp.), Rye-grass (*Lolium* sp.), Lepidium sp., Witchgrass (*Panicum capillare*), Paddy Melon (*Cucumis myriocarpus*),

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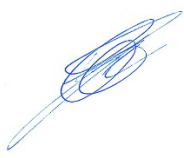


Pre-clearance Survey details

Twining Toadflax (*Kickxia elatine* subsp. *crinita*), Serrated Tussock (*Nasella trichotoma*), Galenia (*Galenia pupescens*), African Lovegrass (*Eragrostis curvula* complex).

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Pre-clearance Approval	
Ecologist	
Name	Hannah Roberts
Signature	
Date	09/08/2025
Elecnor	
Name	Willem Venter
Position	Deputy Environmental Manager
Signature	
Date	11.10.2025

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Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Hannah Roberts and Scott Rolph Qualification: Ecologists
Date of Pre-Clearance Survey	10/10/2025
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (between Towers 150 to 153)
Scope Methodology	Desktop review of vegetation mapping for nominated area informed by previous in field visual inspections (across multiple dates) by ecologists for the proposed disturbance area(s).
Work Package ID	L5 Ecology – Pre-clearance surveys

Table 2 – Pre-Clearance Survey Details


Infrastructure Surveyed				
Tower Footprint	<input type="checkbox"/>	Centreline		<input checked="" type="checkbox"/>
Break and Winch Site	<input type="checkbox"/>	Parking Areas		<input type="checkbox"/>
Access Track (existing)	<input type="checkbox"/>	Access Track (new)		<input type="checkbox"/>
Disturbance Area B	<input checked="" type="checkbox"/>	Other		<input checked="" type="checkbox"/>
Details of Other:	Hazard trees			
Protected Matters				
Item	Presence Identified		Quantum to Clear (Ha)	Comments
	Yes	No		
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland ¹²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8.18 Ha	EPBC Act TEC. Quantum calculated for Disturbance Area B only from Tower 150 to Tower 153 (does not include areas which intersect with Access Points, Access Tracks, or Tower Footprints).
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3.68 Ha	EPBC Act TEC. Quantum calculated for Disturbance Area B only from Tower 150 to Tower 153 (does not include areas which intersect with Access Points, Access Tracks, or Tower Footprints).
Weeping Myall Woodlands ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Natural Grasslands of the Murray Valley Plains ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Mallee Bird Community of the Murray Darling Depression Bioregion ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

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Plains mallee box woodland of the Murray Darling Depression, Riverina and Naracoorte Coastal Plains bioregions ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for A spear-grass (<i>austrostipa metatoris</i>) ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for A spear-grass (<i>austrostipa wakoolica</i>) ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Mossgiel Daisy ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Sand-hill Spider Orchid ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for A burr-daisy ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Winged Peppercross ¹	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Chariot Wheels ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Slender Darling Pea ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Yellow Swainson-pea ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Plains Wanderer ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Regent Parrot (eastern subspecies) ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Superb Parrot ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
<p>Notes:</p> <p>1 Protected matter listed within the Notification of Approval EnergyConnect NSW – Eastern Section (EPBC 2020/8766)</p> <p>2 Protected matter listed within the Revised Biodiversity Development Assessment Report (August 2022)</p>				
<p>Management measures required to avoid or minimise impacts to Protected Matters:</p> <ul style="list-style-type: none"> - 8.18Ha of the critically endangered BC Act TEC <i>White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grasslands</i> to be removed. - 3.68Ha of the endangered BC Act TEC <i>Grey Box (Eucalyptus microcarpa) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia</i> to be removed. - Exclusion zones to be installed to restrict access to protected matters outside the construction footprint. - Ecologist to be present during clearing activities. - No additional mitigation measures required. Clearing works to be completed in accordance with the approved Biodiversity Management Plan. 				
Hollow Bearing / Habitat Trees				
Habitat trees and habitat features identified & marked?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Comments: Habitat identified. Hollow bearing trees, stick and mud nests.	
GPS coordinates and habitat trees recorded?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	<p>Comments:</p> <p>Waypoint ID01-ID04, 109, 111, 129B-161B, 540-600 (previously cleared or to be retained).</p> <p>EnspecID 3484, 3525-3527, 3529, 3645, 3650, 3725, 3835, 3837, 3839, 4083 (to be cleared or retained).</p>	

Nest boxes required?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Comments:
Fauna spotter required to be present during clearing activities?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Comments: Required for any additional tree removal.
Weeds			
Were any Weeds of National Significance or Priority Weeds identified?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details:
Environmental Exclusion Zones			
Threatened Species Identified within Disturbance Area B?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details:
Environmental exclusion zones required?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Details: Not required due to disturbance caused by prior clearing.
Unexpected Finds			
Were any Unexpected Finds identified?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details:
If yes, has the Environmental Manager been notified?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details:
Additional Comments			
<ul style="list-style-type: none"> Ecologist required for any further tree clearing activities. Vegetation removal has previously occurred within easement. Relocate fallen logs into TEC outside of construction footprint. To be retained for fauna habitat. 11.76Ha of Squirrel Glider (<i>Petaurus norfolcensis</i>) habitat to be removed. Weeds to be managed in accordance with approved Biosecurity Management Plan. Additional weed species: Canadian Fleabane (<i>Erigeron canadensis</i>), Flaxleaf Fleabane (<i>Conyza bonariensis</i>), Black Nightshade (<i>Solanum nigrum</i>), Horehound (<i>Marrubium vulgare</i>), Spear Thistle (<i>Cirsium vulgare</i>), Dandelion (<i>Taraxacum</i> sp.), <i>Paspalum</i> sp., and Drain Flat-sedge (<i>Cyperus eragrostis</i>). 			

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	6 months
Name	Hannah Roberts
Signature	
Date	10/10/2025
SecureEnergy	

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Name	Willem Venter
Position	Deputy Environmental Manager
Signature	
Date	11.10.2025

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