

**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	26/08/2025
Specific Pre-Clearance Survey location (Line No./ Tower / Span No.)	L5 Easement between Towers 256-259
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 type="checkbox"/>		
Any other details:	NB: Includes easement between Tower 256-259, but does not include Tower 256 footprint.				
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 checked="" type="checkbox"/>	<input type="checkbox"/>	1.2	0.13 (mapped within easement)	EPBC Act Threatened Ecological Community
Natural Grasslands of the Murray Valley Plains ^{1,2}	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12.95	3.17 (mapped within easement)	EPBC Act Threatened Ecological Community
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 checked="" type="checkbox"/>	<input type="checkbox"/>	12.28	1.21 (mapped)	Mapped habitat and vegetation

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Pre-clearance Survey details			
			within easement)
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)			
Management measures required to avoid or minimise impacts to Protected Matters:			
<ul style="list-style-type: none"> - 0.13 Ha of endangered BC Act-listed TEC 'Myall woodland in the Darling Riverine Plains, Brigalow Belt South, Cobar Penepplain, Murray - Darling Depression, Riverina and NSW South Western Slopes bioregions - Endangered' mapped within easement. - During clearing an ecologist shall be on site at all times to monitor activities within special biodiversity protection zones as per Biodiversity Management Plan. Ecologist is not required for ground clearing in PCT 0 areas. - Exclusion zones to be installed to restrict access to protected matters outside the construction footprint. - 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 type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
GPS coordinates and habitat trees recorded?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
Nest boxes required?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
Fauna spotter required to be present during clearing activities?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Comments: Pre-inspection of grassland recommended before any ground disturbance.
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 checked="" type="checkbox"/>	No <input type="checkbox"/>	Details: Slender Darling pea (<i>Swainsonia murrayana</i>) previously observed. Grey-crowned Babbler (<i>Pomatostomus temporalis</i>) previously observed nearby.
Environmental exclusion zones required?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Details: EPBC and BC Act Threatened Ecological Communities and threatened species habitat.
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:			


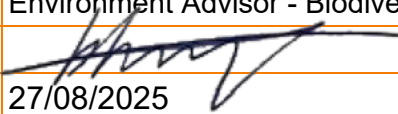
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Pre-clearance Survey details

- Exclusion zones to be installed prior to construction works commencing.
- Ecologist required for any ground clearing activities in TEC habitat (including clearance of grassland areas).
- Ecologist is not required for ground clearing in PCT 0 areas.
- Weeds to be managed in accordance with the Biosecurity Management Plan.
- Additional weeds: Flaxleaf Fleabane (*Erigeron bonariensis*), Paterson's Curse (*Echium plantagineum*), Spear Thistle (*Cirsium vulgare*), Horehound (*Marrubium vulgare*), Horseweed (*Erigeron canadensis*), Bathurst Burr (*Xanthium spinosum*), Black Nightshade (*Solanum nigrum*), Paddy Melon (*Cucumis myriocarpus*), Curled Dock (*Rumex crispus*), *Oxalis* sp., *Physalis hederifolia*.

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Pre-clearance Approval	
Ecologist	
Name	Hannah Roberts
Signature	
Date	26/08/2025
Elecnor	
Name	Keeley Hartzler
Position	Environment Advisor - Biodiversity
Signature	
Date	27/08/2025

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General information	
Item	Detail
Ecologist / Fauna Spotter(s) completing Pre-Clearance Survey	Name: Hannah Roberts Qualification: Ecologist(s)
Date of Pre-Clearance Survey	26/08/2025
Specific Pre-Clearance Survey location (Line No./ Tower / Span No.)	L5 Easement between Towers 269-284
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 type="checkbox"/>		
Any other details:					
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 checked="" type="checkbox"/>	<input type="checkbox"/>	93.78	21.28 (mapped within easement)	EPBC Act Threatened Ecological Community
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 checked="" type="checkbox"/>	<input type="checkbox"/>	30.28	5.90 (mapped within easement)	Mapped habitat and vegetation

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Pre-clearance Survey details

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)

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

- 1.96 of critically endangered EPBC Act-listed TEC 'Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains - Critically Endangered' mapped within easement.
- Small Scurf-pea (*Cullen parvum*) habitat mapped within the impact area.
- Superb Parrot (*Polytelis swainsonii*) habitat mapped within the impact area.
- Plains Wanderer habitat identified within the project boundary, however due to construction methodology will not be impacted.
- All works within mapped Plains Wanderer habitat are to be undertaken in accordance with the Plains Wanderer Protocol and in consultation with the project ecologist.
- During clearing an ecologist shall be on site at all times to monitor activities within special biodiversity protection zones as per Biodiversity Management Plan. Ecologist is not required for ground clearing in PCT 0 areas.
- Exclusion zones to be installed to restrict access to protected matters outside the construction footprint.
- 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.
GPS coordinates and habitat trees recorded?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Comments: Waypoint ID 297, 299, 449B-453B, 962-965 (previously removed 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. Pre-inspection of grassland, HBTs and Plains Wanderer habitat in adjoining grassland recommended before any ground disturbance.

Weeds

Were any Weeds of National Significance or Priority Weeds identified?	Yes <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	Details: African Boxthorn (<i>Lycium ferocissimum</i>) and Silverleaf Nightshade (<i>Solanum elaeagnifolium</i>) previously observed.
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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: EPBC and BC Act Threatened Ecological Communities and threatened species habitat.

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:

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Pre-clearance Survey details

Additional comments:

- Exclusion zones to be installed prior to construction works commencing.
- Ecologist required for any tree removal, and ground clearing activities in TEC habitat (including clearance of grassland areas).
- Ecologist is not required for ground clearing in PCT 0 areas.
- Weeds to be managed in accordance with the Biosecurity Management Plan.
- Additional weeds: Canadian Fleabane (*Erigeron canadensis*), Galvanised Burr (*Sclerolaena birchii*), Horehound (*Marrubium vulgare*), Black Nightshade (*Solanum nigrum*), Wild Oat (*Avena* sp.), Flatweed (*Hypochaeris radicata*), *Lepidium* sp., Paterson's Curse (*Echium plantagineum*), Flaxleaf Fleabane (*Erigeron bonariensis*), Horseweed (*Erigeron canadensis*), Bathurst Burr (*Xanthium spinosum*), Spear Thistle (*Cirsium vulgare*), Small-flowered Mallow (*Malva parviflora*), Burr Medic (*Medicago polymorpha*), Dock (*Rumex* sp.).

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Date	26/08/2025
Elecnor	
Name	Keeley Hartzler
Position	Environment Advisor - Biodiversity
Signature	
Date	27 / 08 / 2025

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Date of Pre-Clearance Survey	26/08/2025
Specific Pre-Clearance Survey location (Line No./ Tower / Span No.)	L5 Easement between Towers 292-294
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 type="checkbox"/>		
Any other details:					
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)					
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Pre-clearance Survey details

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

- 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 type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
GPS coordinates and habitat trees recorded?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
Nest boxes required?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
Fauna spotter required to be present during clearing activities?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:

Weeds

Were any Weeds of National Significance or Priority Weeds identified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Details: African Boxthorn (<i>Lycium ferocissimum</i>) previously observed.
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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 type="checkbox"/>	No <input checked="" type="checkbox"/>	Details:

Unexpected Finds


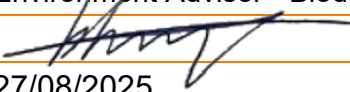
Were any Unexpected Finds identified?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details:
If yes, has the Environmental Manager been notified?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details:

Additional comments:

- Ecologist not required during clearing activities.
- Weeds to be managed in accordance with the Biosecurity Management Plan.
- Additional weeds: Bathurst Burr (*Xanthium spinosum*), Galvanised Burr (*Sclerolaena birchii*), Canadian Fleabane (*Erigeron canadensis*).

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Ecologist	
Name	Hannah Roberts
Signature	
Date	26/08/2025
Elecnor	
Name	Keeley Hartzler
Position	Environment Advisor - Biodiversity
Signature	
Date	27/08/2025

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