

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Justine On and Dan Paje Qualification: Ecologists
Date of Pre-Clearance Survey	25/07/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (Towers 8 to 13)
Scope Methodology	Desktop review of vegetation mapping for nominated area In field visual inspection by ecologists of the proposed tower location
Work Package ID	Access Tracks (L5)

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 type="checkbox"/>	
Details of Other:				
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 type="checkbox"/>	<input checked="" type="checkbox"/>		
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
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"/>		
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"/>		

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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"/>		
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"> - 1.3 ha of critically endangered BC Act-listed '<i>White Box Yellow Box Blakely's Red Gum grassy woodland and derived native grassland</i>' habitat identified within impact area. - 0.18 ha of endangered BC Act-listed '<i>Inland Grey Box Woodland in the Riverina, NSW South Western Slopes, Cobar Penepplain, Nandewar and Brigalow Belt South Bioregions</i>' habitat identified within impact area. - 1.73 ha of Small Scurf-pea (<i>Cullen parvum</i>) habitat identified within impact area. - 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 nests identified	
GPS coordinates and habitat trees recorded?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Comments: Waypoint IDs: 15-17, 23, 770-771, 783-788	
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:	
Weeds				
Were any Weeds of National Significance or Priority Weeds identified?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Details:	

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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:
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 during clearing activities. - Exclusion zones to be installed prior to construction works. - Weeds to be managed in accordance with approved Biosecurity Management Plan. - Additional weed species: Flatweed (<i>Hypochaeris radicata</i>), Clover (<i>Trifolium spp</i>), Horehound (<i>Marrubium vulgare</i>), Dock species (<i>Rumex spp.</i>), Spear Thistle (<i>Cirsium vulgare</i>), Soursob (<i>Oxalis pes-caprae</i>), Flax-leaf Fleabane (<i>Erigeron bonariensis</i>), Fumitory (<i>Fumaria bastardii</i>), Stagger Weed (<i>Stachys arvensis</i>), Stinging Nettle (<i>Urtica urens</i>). 			

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Andrew Taylor
Signature	
Date	25/07/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	
Date	28/07/2023

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Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Andrew Taylor and Justine On Qualification: Ecologists
Date of Pre-Clearance Survey	22/07/23
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (Towers 13 to 24)
Scope Methodology	Desktop review of vegetation mapping for nominated area In field visual inspection by ecologists of the proposed tower location
Work Package ID	Access Tracks (L5)

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 type="checkbox"/>	
Details of Other:				
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"/>	0.36 ha	EPBC Act Threatened Ecological Community
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1.16 ha	EPBC Act Threatened Ecological Community
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"/>		
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"/>		

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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"/>		

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:

- 0.92 ha of the critically endangered BC Act TEC “White Box - Yellow Box - Blakely’s Red Gum grassy woodland and derived native grassland” mapped within impact area.
- 1.46 ha of the endangered BC Act TEC “Inland Grey Box Woodland in the Riverina, NSW South Western Slopes, Cobar Peneplain, Nandewar and Brigalow Belt South Bioregions” mapped within impact area.
- Exclusion zones to be installed to restrict access to protected matters outside the construction footprint.
- 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 and nests.
GPS coordinates and habitat trees recorded?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Comments: Waypoint IDs: 006B, 009B, 010B, 020B, 38-85B, 182B, 185B, 257-261B. 24, 359-369, 371-384, 386-389, 392-433.
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:

Weeds

Were any Weeds of National Significance or Priority Weeds identified?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Details: Blackberry (<i>Rubus fruticosus</i>)
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Environmental Exclusion Zones

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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:
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 during clearing activities. - Exclusion zone to be installed prior to construction works commencing. - Weeds to be managed in accordance with approved Biosecurity Management Plan. - Additional weed species: Stinging Nettle (<i>Urtica urens</i>), Spear Thistle (<i>Cirsium vulgare</i>), Flatweed (<i>Arctotheca calendula</i>, <i>Hypochaeris radicata</i>), Sheep Sorrel (<i>Acetosella vulgaris</i>), Clover (<i>Trifolium</i> spp.), Dock (<i>Rumex</i> sp.), Soursob (<i>Oxalis pes-caprae</i>). 			

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Justine On
Signature	
Date	25/07/23
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	
Date	28/07/2023

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Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Andrew Taylor and Catriona Chauval Qualification: Ecologists
Date of Pre-Clearance Survey	25/07/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (Towers 42 to 46)
Scope Methodology	Desktop review of vegetation mapping for nominated area In field visual inspection by ecologists of the proposed tower location
Work Package ID	Access Tracks (L5)

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 type="checkbox"/>	
Details of Other:				
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 type="checkbox"/>	<input checked="" type="checkbox"/>		
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
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"/>		
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"/>		

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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"/>		
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"> - 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	
GPS coordinates and habitat trees recorded?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Comments: Waypoint ID 277B	
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:	
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 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:	

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Additional Comments	
<ul style="list-style-type: none"> - Ecologist required during clearing activities. - Weeds to be managed in accordance with approved Biosecurity Management Plan. - Additional weed species: Flatweed (<i>Arctotheca calendula</i>, <i>Hypochaeris radicata</i>), Clover (<i>Trifolium</i> spp), Burr Medic (<i>Medicago polymorpha</i>). 	

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Andrew Taylor
Signature	
Date	25/07/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	
Date	28/07/2023