

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Madeleine Cicchelli and Andrew Taylor Qualification: Ecologists
Date of Pre-Clearance Survey	25/08/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (between Towers 205-236)
Scope Methodology	Desktop review of vegetation mapping for nominated area In field visual inspection by ecologists of the proposed disturbance area.
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 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"/>	0.05 Ha	EPBC Act Threatened Ecological Community. (Quantum calculated for Disturbance Area A only, does not include areas that intersect with Tower Footprints, Access Tracks or Access Points)
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 checked="" type="checkbox"/>	<input type="checkbox"/>	7.32 Ha	EPBC Act Threatened Ecological Community. (Quantum calculated for Disturbance Area A only, does not include areas that intersect with Tower Footprints, Access Tracks or Access Points)

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"/>		
Habitat for A spear-grass (<i>austrostipa wakoolica</i>) ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Mossgiel Daisy ¹²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2.71 Ha	Mapped vegetation. (Quantum calculated for Disturbance Area A only, does not include areas that intersect with Tower Footprints, Access Tracks or Access Points)
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 checked="" type="checkbox"/>	<input type="checkbox"/>	4.77 Ha to be cleared	Mapped vegetation. (Quantum calculated for Disturbance Area A only, does not include areas that intersect with Tower Footprints, Access Tracks or Access Points)
Habitat for Yellow Swainson-pea ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Plains Wanderer ¹²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0 Ha to be cleared	Mapped habitat is identified within the project boundary, however due to construction methodology this habitat will not be impacted.
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)				
<p>Management measures required to avoid or minimise impacts to Protected Matters:</p> <ul style="list-style-type: none"> - Total of 0.16 Ha of critically endangered BC Act TEC <i>White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland</i> identified within the impact area. - Total of 0.04 Ha of endangered BC Act TEC <i>Inland Grey Box Woodland in the Riverina, NSW South Western Slopes, Cobar Peneplain, Nandewar and Brigalow Belt South Bioregions</i> identified within the impact area. - Exclusion zones to be installed to restrict access to protected matters outside the construction footprint. 				

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<ul style="list-style-type: none"> - 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. - 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 217, 218, 226, 234, 235, 252, 253, 293, 294 (Centreline) Waypoint ID 219, 220, 222, 224, 225, 227-229, 231-233, 237-251, 285, 288-292, 295, 296 (Disturbance Area B)
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: Pre-inspection of 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 type="checkbox"/>	Details: African Boxthorn (<i>Lycium ferocissimum</i>)
Environmental Exclusion Zones			
Threatened Species Identified within Disturbance Area B?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Details: White-fronted Chat (<i>Epthianura albifrons</i>) and Grey-crowned Babbler (<i>Pomatostomus temporalis</i>)
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			
<ul style="list-style-type: none"> - Hollow bearing logs identified within Disturbance Area B. Recommend hollow bearing logs be retained and moved outside of construction footprint for future utilisation by fauna. - Ecologist to be present for clearing activities (including clearance of grassland areas). - Footprint is within Special Biodiversity Zone. - Squirrel Glider (<i>Petaurus norfolcensis</i>) habitat mapped within the impact area. - Lanky Button (<i>Leptorhynchus orientalis</i>) habitat mapped within the impact area. - Flock of Grey-crowned Babblers (<i>Pomatostomus temporalis</i>) (vulnerable under the BC Act) observed moving through the canopy, and actively foraging. - White-fronted Chat (<i>Epthianura albifrons</i>) (vulnerable under the BC Act) observed actively foraging in ground habitat. - Black Falcon (<i>Falco subniger</i>) (vulnerable under the BC Act) observed flying overhead. 			

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- Weeds to be managed in accordance with the Biosecurity Management Plan.
- Additional weed species: Fleabane (*Erigeron bonariensis*), Spear Thistle (*Cirsium vulgare*), Black Nightshade (*Solanum nigrum*), Bathurst Burr (*Xanthium spinosum*), Paddy Melon (*Cucumis myriocarpus*), Paterson’s Curse (*Echium plantagineum*), Common Dock (*Rumex* sp.), Galvanized Burr (*Sclerolaena birchii*), Horehound (*Marrubium vulgare*), Canadian Fleabane (*Erigeron canadensis*).

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Andrew Taylor
Signature	
Date	22/10/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	
Date	23.10.2023

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Madeleine Cicchelli, Scott Rolph, Arthur Nemet, Willem Magney Qualification: Ecologists
Date of Pre-Clearance Survey	30/07/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (between Towers 236 to 278)
Scope Methodology	Desktop review of vegetation mapping for nominated area In field visual inspection by ecologists of the proposed disturbance area.
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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	0.13 Ha	EPBC Act Threatened Ecological Community (Quantum calculated for Disturbance Area A only, does not include areas that intersect with Tower Footprints, Access Tracks or Access Points)
Natural Grasslands of the Murray Valley Plains ¹²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	20.58 Ha	EPBC Act Threatened Ecological Community (Quantum calculated for Disturbance Area A only, does not include areas that intersect with Tower Footprints, Access Tracks or Access Points)

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 checked="" type="checkbox"/>	<input type="checkbox"/>	0.90 Ha	EPBC Act Threatened Ecological Community (Quantum calculated for Disturbance Area A only, does not include areas that intersect with Tower Footprints, Access Tracks or Access Points)
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 checked="" type="checkbox"/>	<input type="checkbox"/>	0.02 Ha	Mapped vegetation (Quantum calculated for Disturbance Area A only, does not include areas that intersect with Tower Footprints, Access Tracks or Access Points)
Habitat for Chariot Wheels ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Slender Darling Pea ¹²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	13.35 Ha	Mapped vegetation (Quantum calculated for Disturbance Area A only, does not include areas that intersect with Tower Footprints, Access Tracks or Access Points)
Habitat for Yellow Swainson-pea ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Plains Wanderer ¹²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0 Ha to be cleared	Mapped habitat is identified within the project boundary, however due to construction methodology this habitat will not be impacted.
Habitat for Regent Parrot (eastern subspecies) ¹²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Superb Parrot ¹²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.71 Ha	Mapped habitat (Quantum calculated for Disturbance Area A only, does not include areas that intersect with Tower Footprints, Access Tracks or Access Points)

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:

- Total of 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' identified within the impact area.
- 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.
- Exclusion zones to be installed to restrict access to protected matters outside the construction footprint.
- During clearing an ecologist shall be on site at all times to monitor activities within special biodiversity protection zones as per Biodiversity Management Plan.
- 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 337B (Centreline) Waypoint ID 848, 852, 853 (Disturbance Area B)
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: Pre-inspection of 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 type="checkbox"/>	Details: African Boxthorn (<i>Lycium ferocissimum</i>)
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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:

Additional Comments

- Footprint is within Special Biodiversity Zone.
- Ecologist to be present for clearing activities (including clearance of grassland areas).
- Weeds to be managed in accordance with the Biosecurity Management Plan.
- Additional weed species: Spear Thistle (*Cirsium vulgare*), Sow Thistle (*Sonchus oleraceus*), Small-flowered Mallow (*Malva parviflora*), Bathurst Burr (*Xanthium spinosum*), Paterson's Curse (*Echium plantagineum*), Capeweed (*Arctotheca calendula*), Dock (*Rumex* sp.), Paspalum (*Paspalum dilatatum*), Horehound (*Marrubium vulgare*), Galvanised Burr (*Sclerolaena birchii*).

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Andrew Taylor
Signature	
Date	22/10/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	
Date	23.10.2023

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Justine On and Catriona Chauval Qualification: Ecologists
Date of Pre-Clearance Survey	12/08/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B + Centreline (Towers 278-285)
Scope Methodology	Desktop review of vegetation mapping for nominated area In field visual inspection by ecologists of the proposed disturbance area
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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	3.57 Ha	EPBC Act Threatened Ecological Community (Quantum calculated for Disturbance Area A only, does not include areas that intersect with Tower Footprints, Access Tracks or Access Points)
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"/>		

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Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0.25 Ha	EPBC Act Threatened Ecological Community (Quantum calculated for Disturbance Area A only, does not include areas that intersect with Tower Footprints, Access Tracks or Access Points)
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 checked="" type="checkbox"/>	<input type="checkbox"/>	0.31 Ha	Mapped Habitat (Quantum calculated for Disturbance Area A only, does not include areas that intersect with Tower Footprints, Access Tracks or Access Points)
Habitat for Yellow Swainson-pea ²	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Habitat for Plains Wanderer ¹²	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0 ha to be cleared	Mapped habitat is identified within the project boundary, however due to the construction methodology this habitat will not be impacted.
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"> – Exclusion zones to be installed to restrict access to protected matters outside the construction footprint. – 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 – Slender Darling Pea (<i>Swainsona murrayana</i>), listed as Vulnerable under the EPBC & BC Act, presence confirmed in areas previously recorded near the alignment. A large population of plants were recorded approximately 70m northwest from Disturbance Area B. Approximately 200+ individual plants recorded in flower. – 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: Suitable habitat including stick nests recorded.
GPS coordinates and habitat trees recorded?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Comments: Waypoint ID: 962-965, 449B-451B.
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 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 type="checkbox"/>	Details: African Boxthorn (<i>Lycium ferocissimum</i>), Silver-leaf Nightshade (<i>Solanum elaeagnifolium</i>)
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:
Additional Comments			
<ul style="list-style-type: none"> – Footprint is within Special Biodiversity Zone. – Ecologist to be present for clearing activities (including clearance of grassland areas). – Weeds to be managed in accordance with Biosecurity Management Plan. – Additional weeds: Horehound (<i>Marrubium vulgare</i>), Galvanised Burr (<i>Sclerolaena birchii</i>), Paterson's Curse (<i>Echium plantagineum</i>), Bathurst Burr (<i>Xanthium spinosum</i>), Burr medic (<i>Medicago polymorpha</i>), Black Nightshade (<i>Solanum nigrum</i>), Dock (<i>Rumex</i> sp.) and Small-flowered Mallow (<i>Malva parviflora</i>) 			

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Andrew Taylor
Signature	
Date	22/10/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	
Date	23.10.2023

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Madeleine Cicchelli Qualification: Ecologists
Date of Pre-Clearance Survey	06/09/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (between Towers 285 to 288)
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 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"/>		

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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 Mossiel 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 checked="" type="checkbox"/>	<input type="checkbox"/>	0.07 Ha	Mapped habitat is identified within the project boundary, impacts to be managed and reduced as much as possible.
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:

- Exclusion zones to be installed to restrict access to protected matters outside the construction footprint.
- 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.
- 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 also 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:
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Environmental Exclusion Zones

Once printed this document becomes uncontrolled. Refer to Secure Energy Intranet for controlled copy

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: 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			
<ul style="list-style-type: none"> - Ecologist to be present for clearing activities (including clearance of grassland areas). - Weeds to be managed in accordance with the Biosecurity Management Plan. - Additional weed species: Galvanised Burr (<i>Sclerolaena birchii</i>). 			

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Madeleine Cicchelli
Signature	
Date	10/09/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	
Date	07.10.2023