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	28/07/2023 – 29/07/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (between Towers 57 and 62)
Scope Methodology	Desktop review of vegetation mapping for nominated area In field visual inspection by ecologists of the proposed tower location
Work Package ID	L5 Ecology – Pre-clearance surveys

Table 2 – Pre-Clearance Survey Details

Infrastructure Surveyed			
Tower Footprint		Centreline	\boxtimes
Break and Winch Site		Parking Areas	
Access Track (existing)		Access Track (new)	
Disturbance Area B	\boxtimes	Other	
Details of Other:			

Protected Matters

Item	Presence Identified		Quantum to	Comments
	Yes	No	Clear (Ha)	
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland ¹²				
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²			0.09 Ha	EPBC Act Threatened Ecological Community. Quantum excludes areas intersecting with Tower Footprints, Access Tracks and Access Points.
Weeping Myall Woodlands ¹²		\boxtimes		
Natural Grasslands of the Murray Valley Plains ¹²		\boxtimes		
Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions ²		\boxtimes		
Mallee Bird Community of the Murray Darling Depression Bioregion ²		\boxtimes		
Plains mallee box woodland of the Murray Darling Depression, Riverina and Naracoorte Coastal Plains bioregions ²		\boxtimes		

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Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²		
Habitat for A spear-grass (<i>austrostipa metatoris</i>) ²	\boxtimes	
Habitat for A spear-grass (<i>austrostipa</i> <i>wakoolica</i>) ²	\boxtimes	
Habitat for Mossgiel Daisy ¹²	\boxtimes	
Habitat for Sand-hill Spider Orchid ²	\boxtimes	
Habitat for A burr-daisy ²	\boxtimes	
Habitat for Winged Peppercross ¹	\boxtimes	
Habitat for Chariot Wheels ¹²	\boxtimes	
Habitat for Slender Darling Pea ¹²	\boxtimes	
Habitat for Yellow Swainson-pea ²	\boxtimes	
Habitat for Plains Wanderer ¹²	\boxtimes	
Habitat for Regent Parrot (eastern subspecies) ¹²	\boxtimes	
Habitat for Superb Parrot ¹²	\boxtimes	
Notes: 1 Protected matter listed within the Notification 2 Protected matter listed within the Revised Bic		

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

- 0.32 ha of endangered BC Act TEC Inland Grey Box Woodland in the Riverina, NSW South Western Slopes, Cobar Peneplain, Nandewar and Brigalow Belt South Bioregions identified within the 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 🗵	No 🗆	Comments: Habitat identified. Hollow- bearing trees and stick nests.
GPS coordinates and habitat trees recorded?	Yes 🛛	No 🗆	Comments: Waypoint ID 843 (Centreline) Waypoint ID 317B, 318B, 816-819, 844- 847 (Disturbance Area B)
Nest boxes required?	Yes ⊠	No 🗆	Comments:
Fauna spotter required to be present during clearing activities?	Yes 🛛	No 🗆	Comments:
Weeds			
Were any Weeds of National Significance or Priority Weeds identified?	Yes □	No 🖂	Details:
Environmental Exclusion Zones			

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Threatened Species Identified within Disturbance Area B?	Yes 🗆	No 🖂	Details:
Environmental exclusion zones required?	Yes 🛛	No 🗆	Details: EPBC and BC Act Threatened Ecological Communities, and Squirrel Glider (<i>Petaurus norfolcensis</i>) habitat.
Unexpected Finds			
Were any Unexpected Finds identified?	Yes 🗆	No 🖂	Details:
If yes, has the Environmental Manager been notified?	Yes □	No 🖂	Details:
Additional Comments		·	

- Exclusion zones to be installed prior to construction works commencing.
- Ecologist to be present for clearing activities.
- 0.32 ha of Squirrel Glider (Petaurus norfolcensis) habitat mapped within the impact area.
- Flame Robin (*Petroica phoenicea*) (vulnerable under the BC Act) observed flying through the survey area.
- Weeds to be managed in accordance with the Biosecurity Management Plan.
- Additional weed species: Slender Pigeon-grass (Setaria Parviflora), Paspalum (Paspalum dilataum), Flaxleaf Fleabane (Erigeron bonariensis), Wild Oat (Avena sp.), Spear Thistle (Cirsium vulgare), Sow Thistle (Sonchus oleraceus), Soursob (Oxalis pes-caprae), Small-flowered Mallow (Malva parviflora), Giant Nettle (Urtica dioica), Bathurst Burr (Xanthium spinosum), Barley Grass (Hordeum sp.), Paddy Melon (Cucumis myriocarpus), Hare's-foot Clover (Trifolium arvense var. arvense), Paterson's Curse (Echium plantagineum), Capeweed (Arctotheca calendula), Cat's-ear (Hypochaeris radicata), Variegated Thistle (Silybum marianum), Clustered Dock (Rumex conglomeratus).

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Madeleine Cicchelli
Signature	
Date	29/07/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	£
Date	09.08.2023

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	27/07/2023 - 28/07/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (between Towers 63 and 76)
Scope Methodology	Desktop review of vegetation mapping for nominated area In field visual inspection by ecologists of the proposed tower location
Work Package ID	L5 Ecology – Pre-clearance surveys

Table 2 – Pre-Clearance Survey Details

Infrastructure Surveyed					
Tower Footprint				\boxtimes	
Break and Winch Site		Pa	king Areas		
Access Track (existing)		Ac	cess Track (new)	
Disturbance Area B		Oth	ner		
Details of Other:					
Protected Matters					
ltem	Presence	Identified		Comments	
	Yes	No	Clear (Ha)		
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland ¹²					
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²		\boxtimes			
Weeping Myall Woodlands ¹²		\boxtimes			
Natural Grasslands of the Murray Valley Plains ¹²		\boxtimes			
Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions ²		\boxtimes			
Mallee Bird Community of the Murray Darling Depression Bioregion ²		\boxtimes			
Plains mallee box woodland of the Murray Darling Depression, Riverina and Naracoorte Coastal Plains bioregions ²					
Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²					
Habitat for A spear-grass (<i>austrostipa metatoris</i>) ²		\boxtimes			

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Habitat for A spear-grass (<i>austrostipa wakoolica</i>) ²					
Habitat for Mossgiel Daisy ¹²		\boxtimes			
Habitat for Sand-hill Spider Orchid ²		\boxtimes			
Habitat for A burr-daisy ²		\boxtimes			
Habitat for Winged Peppercross ¹		\boxtimes			
Habitat for Chariot Wheels ¹²		\boxtimes			
Habitat for Slender Darling Pea ¹²		\boxtimes			
Habitat for Yellow Swainson-pea ²		\boxtimes			
Habitat for Plains Wanderer ¹²		\boxtimes			
Habitat for Regent Parrot (eastern subspecies) ¹²					
Habitat for Superb Parrot ¹²		\boxtimes			
Notes: 1 Protected matter listed within the Notification of 2 Protected matter listed within the Revised Bioo					
Management measures required to avo	oid or minim	nise impa	cts to Protected Matters:		
 0.05 ha of Endangered BC Act TEC Inland Grey Box Woodland in the Riverina, NSW South Western Slopes, Cobar Peneplain, Nandewar and Brigalow Belt South Bioregions identified within the 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 🛛	No 🗆	Comments: Habitat identified. Hollow- bearing trees, stick nests, and wombat burrows.		
GPS coordinates and habitat trees recorded?	Yes 🛛	No 🗆	Comments: Waypoint ID 445, 446, 807 (Centreline)		
			Waypoint ID 54-56, 444, 304B-316B, 806, 808-815 (Disturbance Area B)		
Nest boxes required?	Yes 🖂	No 🗆	Comments:		
Fauna spotter required to be present during clearing activities?	Yes 🛛	No 🗆	Comments:		
Weeds					
Were any Weeds of National Significance or Priority Weeds identified?	Yes 🗆	No 🗵	Details:		
Environmental Exclusion Zones					
Threatened Species Identified within Disturbance Area B?	Yes ⊠	No 🗆	Details: Grey-crowned Babbler (<i>Pomatostomus temporalis</i>)		

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Environmental exclusion zones required?	Yes 🛛	No 🗆	Details: BC Act TEC, Squirrel Glider (<i>Petaurus norfolcensis</i>), and Small Scurf- pea (<i>Cullen</i> parvum) habitat	
Unexpected Finds				
Were any Unexpected Finds identified?	Yes 🗆	No 🖂	Details:	
If yes, has the Environmental Manager been notified?	Yes 🗆	No 🖂	Details:	
 Additional Comments Exclusion zones to be installed prior to construction works commencing. 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. 0.88 ha of Squirrel Glider (<i>Petaurus norfolcensis</i>) habitat mapped within the impact area. 0.88 ha of Small Scurf-pea (<i>Cullen parvum</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. Weeds to be managed in accordance with the Biosecurity Management Plan. Additional weed species: Slender Pigeon-grass (<i>Setaria Parviflora</i>), Paspalum (<i>Paspalum dilataum</i>), Flaxleaf Fleabane (<i>Erigeron bonariensis</i>), Wild Oat (<i>Avena</i> sp.), Spear Thistle (<i>Cirsium vulgare</i>), Sow Thistle (<i>Sonchus oleraceus</i>), Drain Flat-sedge (<i>Cyperus eragrostis</i>), Soursob (<i>Oxalis pes-caprae</i>), Black Nightshade (<i>Solanum nigrum</i>), Prickly Lettuce (<i>Lactuca serriola</i>), Small-flowered Mallow (<i>Malva parviflora</i>), Giant Nettle (<i>Urtica dioica</i>), Bathurst Burr (<i>Xanthium spinosum</i>), Barley Grass (<i>Hordeum</i> sp.), Rye-grass (<i>Lolium</i> sp.), <i>Lepidium</i> sp., Witchgrass (<i>Panicum capillare</i>), Paddy 				

Ecologist 3 months Pre-clearance Assessment Timeframe for Nominated Works Name Madeleine Cicchelli Signature -00 Date 28/07/2023 SecureEnergy Name Glenn Hayden Position Senior Environmental Advisor Signature Þ 09.08.2023 Date

Table 3 – Pre-Clearance Approval

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Madeleine Cicchelli, Andrew Taylor, Estelle Kayler-Thomson, Phillip Panagiotaros
	Qualification: Ecologists
Date of Pre-Clearance Survey	03/08/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (between Towers 76 to 86)
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		Centreline	\boxtimes
Break and Winch Site	\boxtimes	Parking Areas	
Access Track (existing)		Access Track (new)	
Disturbance Area B	\boxtimes	Other	
Details of Other:			

Protected Matters

Item	Presence	esence Identified Quantum		Comments
	Yes	No	Clear (Ha)	
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland ¹²				
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²			0.44 Ha	EPBC Act Threatened Ecological Community. (Quantum calculated for Disturbance Area B only, does not included areas which intersect with Towers, Access Tracks and Access Points)
Weeping Myall Woodlands ¹²		\boxtimes		
Natural Grasslands of the Murray Valley Plains ¹²		\boxtimes		
Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions ²		\boxtimes		
Mallee Bird Community of the Murray Darling Depression Bioregion ²		\boxtimes		



Plains mallee box woodland of the Murray Darling Depression, Riverina and		\boxtimes		
Naracoorte Coastal Plains bioregions ²				
Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²				
Habitat for A spear-grass (<i>austrostipa metatoris</i>) ²				
Habitat for A spear-grass (<i>austrostipa wakoolica</i>) ²				
Habitat for Mossgiel Daisy ¹²				
Habitat for Sand-hill Spider Orchid ²				
Habitat for A burr-daisy ²		\boxtimes		
Habitat for Winged Peppercross ¹				
Habitat for Chariot Wheels ¹²				
Habitat for Slender Darling Pea ¹²				
Habitat for Yellow Swainson-pea ²				
Habitat for Plains Wanderer ¹²				
Habitat for Regent Parrot (eastern subspecies) ¹²				
Habitat for Superb Parrot ¹² Notes:	\boxtimes		0.07 Ha	Mapped habitat.

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:

0.51Ha of endangered BC Act TEC Inland Grey Box Woodland in the Riverina, NSW South Western Slopes, Cobar Peneplain, Nandewar and Brigalow Belt South Bioregions identified within the 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 🛛	No 🗆	Comments: Habitat identified. Hollow- bearing trees, stick nests, and mud nests.
GPS coordinates and habitat trees recorded?	Yes ⊠	No 🗆	Comments: Waypoint ID 40, 338B, 344B, 345B, 351B (Centreline) Waypoint ID 36, 37, 39, 41-44, 886, 887, 339B-343B, 346B-350B, 352B, 353B
			(Disturbance Area B)
Nest boxes required?	Yes ⊠	No 🗆	Comments:
Fauna spotter required to be present during clearing activities?	Yes 🛛	No 🗆	Comments:
Weeds			
Were any Weeds of National Significance or Priority Weeds identified?	Yes □	No 🛛	Details:

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Environmental Exclusion Zones			
Threatened Species Identified within Disturbance Area B?	Yes 🗆	No 🖂	Details:
Environmental exclusion zones required?	Yes ⊠	No 🗆	Details: EPBC and BC Act Threatened Ecological Communities.
Unexpected Finds			
Were any Unexpected Finds identified?	Yes 🗆	No 🖂	Details:
If yes, has the Environmental Manager been notified?	Yes 🗆	No 🖂	Details:
Additional Comments			

- Exclusion zones to be installed prior to construction works commencing.
- 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.
- 0.49Ha of Squirrel Glider (*Petaurus norfolcensis*) habitat mapped within the impact area.
- Unidentified Pea species (Swainsona sp.) identified within plantation area, recommend re-inspection during flowering period to confirm to species level.
- Weeds to be managed in accordance with the Biosecurity Management Plan.
- Additional weed species: Flaxleaf Fleabane (Erigeron bonariensis), Spear Thistle (Cirsium vulgare), Sow Thistle (Sonchus oleraceus), Small-flowered Mallow (Malva parviflora), Small Nettle (Urtica urens), Bathurst Burr (Xanthium spinosum), Paterson's Curse (Echium plantagineum), Capeweed (Arctotheca calendula), Rye-grass (Lolium sp.), Sisymbrium sp., Onion Weed (Asphodelus fistulosus), Wild Oat (Avena sp.), Curled Dock (Rumex crispus), Galvanized Burr (Sclerolaena birchii).

Ecologist Pre-clearance Assessment 3 months Timeframe for Nominated Works Name Madeleine Cicchelli Signature $\rightarrow \square$ Date 03/08/2023 SecureEnergy Name Glenn Hayden Position Senior Environmental Advisor Signature Date 09.08.2023

Table 3 – Pre-Clearance Approval

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Madeleine Cicchelli, Andrew Taylor, Estelle Kayler-Thomson Qualification: Ecologists
Date of Pre-Clearance Survey	08/08/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (between Towers 86 to 90)
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		Centreline	\boxtimes
Break and Winch Site		Parking Areas	
Access Track (existing)		Access Track (new)	
Disturbance Area B	\boxtimes	Other	
Details of Other:			

Protected Matters

Item	Presence Identified		Quantum to	Comments
	Yes	No	Clear (Ha)	
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland ¹²				
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²				
Weeping Myall Woodlands ¹²		\boxtimes		
Natural Grasslands of the Murray Valley Plains ¹²		\boxtimes		
Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions ²		\boxtimes		
Mallee Bird Community of the Murray Darling Depression Bioregion ²		\boxtimes		
Plains mallee box woodland of the Murray Darling Depression, Riverina and Naracoorte Coastal Plains bioregions ²				
Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²				

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Habitat for A spear-grass (<i>austrostipa metatoris</i>) ²	\boxtimes	
Habitat for A spear-grass (<i>austrostipa wakoolica</i>) ²	\boxtimes	
Habitat for Mossgiel Daisy ¹²	\boxtimes	
Habitat for Sand-hill Spider Orchid ²	\boxtimes	
Habitat for A burr-daisy ²	\boxtimes	
Habitat for Winged Peppercross ¹	\boxtimes	
Habitat for Chariot Wheels ¹²	\boxtimes	
Habitat for Slender Darling Pea ¹²	\boxtimes	
Habitat for Yellow Swainson-pea ²	\boxtimes	
Habitat for Plains Wanderer ¹²	\boxtimes	
Habitat for Regent Parrot (eastern subspecies) ¹²	\boxtimes	
Habitat for Superb Parrot ¹²	\boxtimes	
Notes:		

Protected matter listed within the Notification of Approval EnergyConnect NSW – Eastern Section (EPBC 2020/8766)
 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.
- 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 🛛	No 🗆	Comments: Habitat identified. Hollow- bearing trees and stick nests.
GPS coordinates and habitat trees recorded?	Yes 🛛	No 🗆	Comments: Waypoint ID 46, 50 (Centreline)
			Waypoint ID 920-923 (Disturbance Area B)
Nest boxes required?	Yes 🖂	No 🗆	Comments:
Fauna spotter required to be present during clearing activities?	Yes 🖂	No 🗆	Comments:
Weeds			
Were any Weeds of National Significance or Priority Weeds identified?	Yes 🖂	No 🗆	Details: Silver-leaf Nightshade (Solanum elaeagnifolium).
Environmental Exclusion Zones			
Threatened Species Identified within Disturbance Area B?	Yes 🗆	No 🖂	Details:
Environmental exclusion zones required?	Yes 🛛	No 🗆	Details: Cultural Heritage site (PAD40).
	1	1	

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Unexpected Finds					
Were any Unexpected Finds identified?	Yes 🗆	No 🖂	Details:		
If yes, has the Environmental Manager been notified?	Yes 🗆	No 🖂	Details:		
Additional Comments					
 Hollow bearing logs identified within and moved outside of construction Ecologist to be present for clearing 1.78Ha of Squirrel Glider (<i>Petaurus</i> Weeds to be managed in accordan Additional weed species: Flaxleaf F Sow Thistle (<i>Sonchus oleraceus</i>), S Bathurst Burr (<i>Xanthium spinosum</i>) 	 Exclusion zones to be installed prior to construction works commencing. 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. 1.78Ha of Squirrel Glider (<i>Petaurus norfolcensis</i>) habitat mapped within the impact area. Weeds to be managed in accordance with the Biosecurity Management Plan. 				

Table 3 – Pre-Clearance Approval

Witchgrass (Panicum capillare).

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Madeleine Cicchelli
Signature	
Date	08/08/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	£
Date	09.08.2023

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Scott Rolph, Arthur Nemet and Willem Magney Qualification: Ecologists
Date of Pre-Clearance Survey	01/08/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (Towers 91 to 95)
Scope Methodology	Desktop review of vegetation mapping for nominated area In field visual inspection by ecologists of the proposed tower location
Work Package ID	L5 Ecology – Pre-clearance surveys

Table 2 – Pre-Clearance Survey Details

Infrastructure Surveyed			
Tower Footprint		Centreline	\boxtimes
Break and Winch Site		Parking Areas	
Access Track (existing)		Access Track (new)	
Disturbance Area B	\boxtimes	Other	
Details of Other:			

Protected Matters

Item	Presence	Presence Identified		Comments
	Yes	No	Clear (Ha)	
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland ¹²				
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²			0.32	EPBC Act Threatened Ecological Community. Quantum excludes areas intersecting with Tower Footprints, Access Points, and Access Tracks.
Weeping Myall Woodlands ¹²		\boxtimes		
Natural Grasslands of the Murray Valley Plains ¹²		\boxtimes		
Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions ²				
Mallee Bird Community of the Murray Darling Depression Bioregion ²		\boxtimes		
Plains mallee box woodland of the Murray Darling Depression, Riverina and Naracoorte Coastal Plains bioregions ²		\boxtimes		

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Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²				
Habitat for A spear-grass (<i>austrostipa metatoris</i>) ²		\boxtimes		
Habitat for A spear-grass (<i>austrostipa wakoolica</i>) ²		\boxtimes		
Habitat for Mossgiel Daisy ¹²		\boxtimes		
Habitat for Sand-hill Spider Orchid ²		\boxtimes		
Habitat for A burr-daisy ²		\boxtimes		
Habitat for Winged Peppercross ¹		\boxtimes		
Habitat for Chariot Wheels ¹²		\boxtimes		
Habitat for Slender Darling Pea ¹²		\boxtimes		
Habitat for Yellow Swainson-pea ²		\boxtimes		
Habitat for Plains Wanderer ¹²		\boxtimes		
Habitat for Regent Parrot (eastern subspecies) ¹²		\boxtimes		
Habitat for Superb Parrot ¹²	\boxtimes		0.32	Mapped assumed habitat

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:

- 0.32ha of the Endangered Inland Grey Box Woodland in the Riverina, NSW South Western Slopes, Cobar Peneplain, Nandewar and Brigalow Belt South Bioregions to be removed.
- 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
- 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 🛛	No 🗆	Comments: Hollow-bearing tree
GPS coordinates and habitat trees recorded?	Yes 🛛	No 🗆	Comments: WP883
Nest boxes required?	Yes ⊠	No 🗆	Comments:
Fauna spotter required to be present during clearing activities?	Yes 🛛	No 🗆	Comments:
Weeds			
Were any Weeds of National Significance or Priority Weeds identified?	Yes □	No 🖂	Details:
Environmental Exclusion Zones			



Threatened Species Identified within Disturbance Area B?	Yes 🖂	No 🗆	Details: Brown Treecreeper (<i>Climacteris</i> picumnus victoriae)
Environmental exclusion zones required?	Yes 🛛	No 🗆	Details: EPBC Act and BC Act TEC community within and surrounding footprint.
Unexpected Finds			
Were any Unexpected Finds identified?	Yes 🗆	No 🖂	Details:
If yes, has the Environmental Manager been notified?	Yes 🗆	No 🖂	Details:
Additional Comments			

- Weeds to be managed in accordance with approved Biosecurity Management Plan.
- Ecologist required during clearing activities.
- Relocate fallen logs remove from construction footprint, to be retained for habitat.
- Exclusion zone to be installed prior to construction works commencing.
- 1.78 ha of Barking Owl habitat mapped within impact area.
- 0.32 ha of Squirrel Glider habitat mapped within impact area.
- Additional weed species: Onion-grass (Romulea rosea), Sticky Mouse-ear Chickweed (Cerastium glomeratum), Common Peppercress (Lepidium africanum), Big Heron's-bill (Erodium botrys), Paterson's Curse (Echium plantagineum), Spear Thistle (Cirsium vulgare), Umbrella Sedge (Cyperus eragrostis), Capeweed (Arctotheca calendula), Small Nettle (Urtica urens), Hare's-foot Clover (Trifolium arvense), Sow Thistle (Sonchus oleraceus), Curled Dock (Rumex crispus), White Clover (Trifolium repens), Flaxleaf Fleabane (Erigeron bonariensis), Soft Brome (Bromus hordeaceus), Rough Sowthistle (Sonchus asper), Small-flowered Mallow (Malva parviflora).
- Threatened species recorded: Brown Treecreeper (Vulnerable under the BC Act and EPBC Act) observed actively foraging in impact area.

Fable 3 – Pre-Clearance Approval				
Ecologist				
Pre-clearance Assessment Timeframe for Nominated Works	3 months			
Name	Scott Rolph			
Signature	Suditle 1			
Date	20/08/2023			
SecureEnergy				
Name	Glenn Hayden			
Position	Senior Environmental Advisor			
Signature	£			

22.08.2023

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Date

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Madeleine Cicchelli, Phillip Panagiotaros Qualification: Ecologists
Date of Pre-Clearance Survey	05/08/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (between Towers 96 to 100)
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		Centreline	\boxtimes
Break and Winch Site		Parking Areas	
Access Track (existing)		Access Track (new)	
Disturbance Area B	\boxtimes	Other	
Details of Other:			

Protected Matters

Item	Presence	Presence Identified		Comments
	Yes	No	Clear (Ha)	
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland ¹²				
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native	\boxtimes		0.81 Ha	EPBC Act Threatened Ecological Community
Grasslands of South-eastern Australia ¹²				(Quantum calculated for Disturbance Area B only, does not include areas which intersect with Tower Footprints, Access Points or Access Tracks)
Weeping Myall Woodlands ¹²		\boxtimes		
Natural Grasslands of the Murray Valley Plains ¹²		\boxtimes		
Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions ²		\boxtimes		
Mallee Bird Community of the Murray Darling Depression Bioregion ²		\boxtimes		



Plains mallee box woodland of the Murray Darling Depression, Riverina and Naracoorte Coastal Plains bioregions ²		
Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²		
Habitat for A spear-grass (<i>austrostipa metatoris</i>) ²		
Habitat for A spear-grass (<i>austrostipa wakoolica</i>) ²		
Habitat for Mossgiel Daisy ¹²	\boxtimes	
Habitat for Sand-hill Spider Orchid ²	\boxtimes	
Habitat for A burr-daisy ²	\boxtimes	
Habitat for Winged Peppercross ¹	\boxtimes	
Habitat for Chariot Wheels ¹²	\boxtimes	
Habitat for Slender Darling Pea ¹²	\boxtimes	
Habitat for Yellow Swainson-pea ²	\boxtimes	
Habitat for Plains Wanderer ¹²	\boxtimes	
Habitat for Regent Parrot (eastern subspecies) ¹²		
Habitat for Superb Parrot ¹²	\boxtimes	
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:

0.81ha of endangered BC Act TEC Inland Grey Box Woodland in the Riverina, NSW South Western Slopes, Cobar Peneplain, Nandewar and Brigalow Belt South Bioregions identified within the 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 ⊠	No 🗆	Comments: Habitat identified. Hollow- bearing trees and stick nests.
GPS coordinates and habitat trees recorded?	Yes 🛛	No 🗆	Comments: Waypoint ID 70, 123 (Centreline) Waypoint ID 65, 71-73, 76, 879-882 (Disturbance Area B) Waypoint ID 66 (Break and Winch Site)
Nest boxes required?	Yes ⊠	No 🗆	Comments:
Fauna spotter required to be present during clearing activities?	Yes ⊠	No 🗆	Comments:
Weeds			

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Were any Weeds of National Significance or Priority Weeds identified?	Yes 🗆	No 🗵	Details:
Environmental Exclusion Zones			
Threatened Species Identified within Disturbance Area B?	Yes 🗆	No 🖂	Details:
Environmental exclusion zones required?	Yes 🗵	No 🗆	Details: EPBC and BC Act Threatened Ecological Communities.
Unexpected Finds			
Were any Unexpected Finds identified?	Yes 🗆	No 🖂	Details:
If yes, has the Environmental Manager been notified?	Yes 🗆	No 🛛	Details:
Additional Comments			

- Exclusion zones to be installed prior to construction works commencing.
- Ecologist to be present for clearing activities.
- 0.81ha of Squirrel Glider (*Petaurus norfolcensis*) habitat mapped within the impact area.
- Grey-crowned Babblers (Pomatostomus temporalis) (vulnerable under the BC Act) observed in tree, foraging.
- Weeds to be managed in accordance with the Biosecurity Management Plan.

- Additional weed species: Flaxleaf Fleabane (*Erigeron bonariensis*), Spear Thistle (*Cirsium vulgare*), Sow Thistle (*Sonchus oleraceus*), Small-flowered Mallow (*Malva parviflora*), Small Nettle (*Urtica urens*), Bathurst Burr (*Xanthium spinosum*), Barley Grass (*Hordeum* sp.), Paterson's Curse (*Echium plantagineum*), Capeweed (*Arctotheca calendula*), Rye-grass (*Lolium* sp.), Sisymbrium sp., Wild Oat (*Avena* sp.), Curled Dock (*Rumex crispus*), Paddy Melon (*Cucumis myriocarpus*), Drain Flat-sedge (*Cyperus eragrostis*), *Paspalum* sp.

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Madeleine Cicchelli
Signature	
Date	05/08/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	£
Date	09.08.2023

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	29/07/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (between Towers 108 and 114)
Scope Methodology	Desktop review of vegetation mapping for nominated area In field visual inspection by ecologists of the proposed tower location
Work Package ID	L5 Ecology – Pre-clearance surveys

Table 2 – Pre-Clearance Survey Details

Infrastructure Surveyed					
Tower Footprint					\boxtimes
Break and Winch Site		Par	king Areas		
Access Track (existing)		Acc	ess Track (new)	
Disturbance Area B		Oth	er		
Details of Other:					
Protected Matters	i				
Item	Presence	Identified	Quantum to	Comments	
	Yes	No	Clear (Ha)		
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland ¹²			0.77 Ha	EPBC Act Threatener Community. Quantum excludes ar with Tower Footprints and Access Points.	eas intersecting
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²					
Weeping Myall Woodlands ¹²		\boxtimes			
Natural Grasslands of the Murray Valley Plains ¹²		\boxtimes			
Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions ²		\boxtimes			
Mallee Bird Community of the Murray Darling Depression Bioregion ²					
Plains mallee box woodland of the Murray Darling Depression, Riverina and Naracoorte Coastal Plains bioregions ²		\boxtimes			
Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²		\boxtimes			

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Habitat for A spear-grass (<i>austrostipa metatoris</i>) ²		\boxtimes		
Habitat for A spear-grass (<i>austrostipa wakoolica</i>) ²		\boxtimes		
Habitat for Mossgiel Daisy ¹²		\boxtimes		
Habitat for Sand-hill Spider Orchid ²		\boxtimes		
Habitat for A burr-daisy ²		\boxtimes		
Habitat for Winged Peppercross ¹		\boxtimes		
Habitat for Chariot Wheels ¹²		\boxtimes		
Habitat for Slender Darling Pea ¹²		\boxtimes		
Habitat for Yellow Swainson-pea ²		\boxtimes		
Habitat for Plains Wanderer ¹²		\boxtimes		
Habitat for Regent Parrot (eastern subspecies) ¹²		\boxtimes		
Habitat for Superb Parrot ¹²	\boxtimes		1.43 Ha	Mapped habitat.
				Quantum excludes areas intersecting with Tower Footprints, Access Tracks and 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:

- 1.41 ha of endangered BC Act TEC Inland Grey Box Woodland in the Riverina, NSW South Western Slopes, Cobar Peneplain, Nandewar and Brigalow Belt South Bioregions identified within the impact area.
- 0.77 ha of critically endangered BC Act TEC White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland identified within the 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 Yes 🖂 No 🗆 Comments: Habitat identified. Hollowidentified & marked? bearing trees and stick nests. GPS coordinates and habitat trees Comments: Waypoint ID 84, 320B, 325B, Yes 🖂 No 🗆 recorded? 335B, 834-837, 842 (Centreline) Waypoint ID 319B, 321B-324B, 326B-334B, 336B, 829-834, 838-340, 842 (Disturbance Area B) Nest boxes required? Comments: Yes 🖂 No 🗆 Fauna spotter required to be present Yes 🖂 No 🗆 Comments: during clearing activities? Weeds Were any Weeds of National Significance Details: Yes 🗆 No 🖂 or Priority Weeds identified?

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Environmental Exclusion Zones			
Threatened Species Identified within Disturbance Area B?	Yes ⊠	No 🗆	Details: Grey-crowned Babbler (Pomatostomus temporalis)
Environmental exclusion zones required?	Yes 🛛	No 🗆	Details: EPBC and BC Act Threatened Ecological Communities, and Squirrel Glider (<i>Petaurus norfolcensis</i>) habitat.
Unexpected Finds			
Were any Unexpected Finds identified?	Yes 🗆	No 🖂	Details:
If yes, has the Environmental Manager been notified?	Yes 🗆	No 🖂	Details:
Additional Comments			

- Exclusion zones to be installed prior to construction works commencing.

- 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.
- 2.08Ha of Squirrel Glider (Petaurus norfolcensis) habitat mapped within the impact area.
- Flock of Grey-crowned Babblers (*Pomatostomus temporalis*) (vulnerable under the BC Act) observed moving through the canopy, and actively foraging.
- Weeds to be managed in accordance with the Biosecurity Management Plan.

Additional weed species: Flaxleaf Fleabane (*Erigeron bonariensis*), Spear Thistle (*Cirsium vulgare*), Sow Thistle (*Sonchus oleraceus*), Soursob (*Oxalis pes-caprae*), Small-flowered Mallow (*Malva parviflora*), Giant Nettle (*Urtica dioica*), Bathurst Burr (*Xanthium spinosum*), Barley Grass (*Hordeum* sp.), Hare's-foot Clover (*Trifolium arvense var. arvense*), Paterson's Curse (*Echium plantagineum*), Capeweed (*Arctotheca calendula*), Variegated Thistle (*Silybum marianum*) Rye-grass (*Lolium* sp.), Shepherd's Purse (*Capsella bursa-pastoris*), Sisymbrium sp., Horehound (*Marrubium vulgare*), Onion Weed (*Asphodelus fistulosus*), Chickweed (*Stellaria media*), Pimpernel (*Lysimachia arvensis*).

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Madeleine Cicchelli
Signature	
Date	29/07/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	£
Date	09.08.2023

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Arthur Nemet and Willem Magney Qualification: Ecologists
Date of Pre-Clearance Survey	31/07/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B + Centreline (Towers 114-116)
Scope Methodology	Desktop review of vegetation mapping for nominated area In field visual inspection by ecologists of the proposed tower location
Work Package ID	L5 Ecology – Pre-clearance surveys

Table 2 – Pre-Clearance Survey Details

Infrastructure Surveyed			
Tower Footprint		Centreline	\boxtimes
Break and Winch Site		Parking Areas	
Access Track (existing)		Access Track (new)	
Disturbance Area B	\boxtimes	Other	
Details of Other:			

Protected Matters

Item	Presence	Identified	Quantum to	Comments
	Yes	No	Clear (Ha)	
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland ¹²			2.35 Ha	EPBC Act Threatened Ecological Community. (Quantum excluding Access Track, Tower Footprint, and Access Point)
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²				
Weeping Myall Woodlands ¹²		\boxtimes		
Natural Grasslands of the Murray Valley Plains ¹²		\boxtimes		
Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions ²		\boxtimes		
Mallee Bird Community of the Murray Darling Depression Bioregion ²		\boxtimes		
Plains mallee box woodland of the Murray Darling Depression, Riverina and Naracoorte Coastal Plains bioregions ²		\boxtimes		

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Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²		
Habitat for A spear-grass (<i>austrostipa metatoris</i>) ²	\boxtimes	
Habitat for A spear-grass (<i>austrostipa wakoolica</i>) ²	\boxtimes	
Habitat for Mossgiel Daisy ¹²	\boxtimes	
Habitat for Sand-hill Spider Orchid ²	\boxtimes	
Habitat for A burr-daisy ²	\boxtimes	
Habitat for Winged Peppercross ¹	\boxtimes	
Habitat for Chariot Wheels ¹²	\boxtimes	
Habitat for Slender Darling Pea ¹²	\boxtimes	
Habitat for Yellow Swainson-pea ²	\boxtimes	
Habitat for Plains Wanderer ¹²	\boxtimes	
Habitat for Regent Parrot (eastern subspecies) ¹²	\boxtimes	
Habitat for Superb Parrot ¹²	\boxtimes	

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:

- 2.35ha of critically endangered BC Act TEC *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* identified within the 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 approved Biodiversity Management Plan.

Hollow Bearing / Habitat Trees			
Habitat trees and habitat features identified & marked?	Yes 🛛	No 🗆	Comments: Habitat identified. Stick nests and hollow-bearing trees.
GPS coordinates and habitat trees recorded?	Yes 🛛	No 🗆	Comments: WP ID 182B – 185B, 336B, 854-878
Nest boxes required?	Yes ⊠	No 🗆	Comments:
Fauna spotter required to be present during clearing activities?	Yes 🛛	No 🗆	Comments:
Weeds			

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Were any Weeds of National Significance or Priority Weeds identified?	Yes 🗆	No 🖂	Details:
Environmental Exclusion Zones			
Threatened Species Identified within Disturbance Area B?	Yes 🗆	No 🛛	Details:
Environmental exclusion zones required?	Yes 🗵	No 🗆	Details: EPBC and BC Act TEC, and Squirrel Glider habitat.
Unexpected Finds			
Were any Unexpected Finds identified?	Yes □	No 🖂	Details:
If yes, has the Environmental Manager been notified?	Yes 🗆	No 🛛	Details:
Additional Comments			

- Exclusion zones to be installed prior to construction works commencing.
- 2.35 ha of Squirrel Glider habitat mapped within impact area.
- Ecologist to be present during clearing activities.
- Weeds to be managed in accordance with Biosecurity Management Plan.
- Additional weeds: Spear Thistle (*Cirsium vulgare*), Flaxleaf Fleabane (*Erigeron bonariensis*), Patterson's Curse (*Echium plantagineum*), Horehound (*Marrubium vulgare*), Horseweed (*Erigeron canadensis*), Bastard's Fumitory (*Fumaria bastardii*) and Black Nightshade (*Solanum nigrum*).

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Arthur Nemet
Signature	Aneme
Date	31/07/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	£
Date	09.08.2023

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Madeleine Cicchelli, Andrew Taylor, Estelle Kayler-Thomson, Phillip Panagiotaros
	Qualification: Ecologists
Date of Pre-Clearance Survey	06/08/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (between Towers 126 to 136)
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		Centreline	\boxtimes
Break and Winch Site	\boxtimes	Parking Areas	
Access Track (existing)		Access Track (new)	
Disturbance Area B	\boxtimes	Other	
Details of Other:			

Protected Matters

Item	Presence	Identified	Quantum to	Comments	
	Yes	No	Clear (Ha)		
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland ¹²			0.97 Ha	EPBC Act Threatened Ecological Community (Quantum calculated for Disturbance Area B and Break and Winch Site only, does not include areas which 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			1.75 Ha	EPBC Act Threatened Ecological Community (Quantum calculated for Disturbance Area B and Break and Winch Site only, does not include areas which intersect with Tower Footprints, Access Tracks or Access Points.)	
Weeping Myall Woodlands ¹²		\boxtimes			
Natural Grasslands of the Murray Valley Plains ¹²		\boxtimes			
Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions ²					
Mallee Bird Community of the Murray Darling Depression Bioregion ²		\boxtimes			



Plains mallee box woodland of the Murray Darling Depression, Riverina and Naracoorte Coastal Plains bioregions ²		
Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²		
Habitat for A spear-grass (<i>austrostipa metatoris</i>) ²		
Habitat for A spear-grass (<i>austrostipa wakoolica</i>) ²	\boxtimes	
Habitat for Mossgiel Daisy ¹²	\boxtimes	
Habitat for Sand-hill Spider Orchid ²	\boxtimes	
Habitat for A burr-daisy ²	\boxtimes	
Habitat for Winged Peppercross ¹	\boxtimes	
Habitat for Chariot Wheels ¹²	\boxtimes	
Habitat for Slender Darling Pea ¹²	\boxtimes	
Habitat for Yellow Swainson-pea ²	\boxtimes	
Habitat for Plains Wanderer ¹²	\boxtimes	
Habitat for Regent Parrot (eastern subspecies) ¹²		
Habitat for Superb Parrot ¹²	\boxtimes	

2 Protected matter listed within the Revised Biodiversity Development Assessment Report (August 2022)

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

- 0.97Ha of critically endangered BC Act TEC *White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grassland* identified within the impact area.
- 2.36Ha of endangered BC Act TEC Inland Grey Box Woodland in the Riverina, NSW South Western Slopes, Cobar Peneplain, Nandewar and Brigalow Belt South Bioregions identified within the 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 🗵	No 🗆	Comments: Habitat identified. Hollow-bearing trees, stick nests and mud nests.
GPS coordinates and habitat trees recorded?	Yes 🛛	No 🗆	Comments: Waypoint ID 364B, 385B, 388B, 394B and 908 (Centreline) Waypoint ID 359B-363B, 365B-384B, 386B, 387B, 389B-393B, 395B, 888-907, 909-913, 915-919 (Disturbance Area B) Waypoint ID 914 (Break and Winch Site)
Nest boxes required?	Yes 🖂	No 🗆	Comments:
Fauna spotter required to be present during clearing activities?	Yes 🛛	No 🗆	Comments:
Weeds			

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Were any Weeds of National Significance or Priority Weeds identified?	Yes 🗆	No 🖂	Details:		
Environmental Exclusion Zones					
Threatened Species Identified within Disturbance Area B?	Yes 🗆	No 🖂	Details:		
Environmental exclusion zones required?	Yes 🗵	No 🗆	Details: EPBC and BC Act Threatened Ecological Communities.		
Unexpected Finds					
Were any Unexpected Finds identified?	Yes 🗆	No 🖂	Details:		
If yes, has the Environmental Manager been notified?	Yes 🗆	No 🖂	Details:		
Additional Comments					
 Exclusion zones to be installed prior to construction works commencing. 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.
- 3.17Ha of Squirrel Glider (*Petaurus norfolcensis*) habitat mapped within the impact area.
- Weeds to be managed in accordance with the Biosecurity Management Plan.

Additional weed species: Flaxleaf Fleabane (*Erigeron bonariensis*), Spear Thistle (*Cirsium vulgare*), Sow Thistle (*Sonchus oleraceus*), Small-flowered Mallow (*Malva parviflora*), Small Nettle (*Urtica urens*), Paterson's Curse (*Echium plantagineum*), Capeweed (*Arctotheca calendula*), Rye-grass (*Lolium* sp.), *Brassica* sp., Onion Weed (*Asphodelus fistulosus*), Wild Oat (*Avena* sp.), Dock (*Rumex* sp.), Paspalum (*Paspalum dilataum*), Wild Sage (*Salvia verbenaca*), Hare's-foot clover (*Trifolium arvense*), Drain Flat-sedge (*Cyperus eragrostis*), Black Nightshade (*Solanum nigrum*), Horehound (*Marrubium vulgare*), Prairie Grass (*Bromus catharticus*), Barley Grass (*Hordeum* sp.), Soursob (*Oxalis pescaprae*), Paddy Melon (*Cucumis myriocarpus*), Canadian Fleabane (*Erigeron canadensis*), Witchgrass (*Panicum capillare*), *Lepidium* sp.

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Madeleine Cicchelli
Signature	
Date	06/08/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	£
Date	09.08.2023

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	23/07/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (Towers 137 to 149)
Scope Methodology	Desktop review of vegetation mapping for nominated area In field visual inspection by ecologists of the proposed tower location
Work Package ID	L5 Ecology – Pre-clearance surveys

Table 2 – Pre-Clearance Survey Details

Infrastructure Surveyed					
Tower Footprint					\boxtimes
Break and Winch Site		Par	king Areas		
Access Track (existing)		Acc	ess Track (new)	
Disturbance Area B		Oth	er		
Details of Other:					
Protected Matters					
Item	Presence	Identified	Quantum to	Comments	
	Yes	No	Clear (Ha)		
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland ¹²			2.68 ha	EPBC Act Threatener Community. Quantum excludes ar with Tower Footprints and Access Tracks.	eas intersecting
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²					
Weeping Myall Woodlands ¹²		\boxtimes			
Natural Grasslands of the Murray Valley Plains ¹²		\boxtimes			
Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions ²		\boxtimes			
Mallee Bird Community of the Murray Darling Depression Bioregion ²		\boxtimes			
Plains mallee box woodland of the Murray Darling Depression, Riverina and Naracoorte Coastal Plains bioregions ²					
Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²					

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Habitat for A spear-grass (<i>austrostipa metatoris</i>) ²		\boxtimes		
Habitat for A spear-grass (<i>austrostipa wakoolica</i>) ²		\boxtimes		
Habitat for Mossgiel Daisy ¹²		\boxtimes		
Habitat for Sand-hill Spider Orchid ²		\boxtimes		
Habitat for A burr-daisy ²		\boxtimes		
Habitat for Winged Peppercross ¹		\boxtimes		
Habitat for Chariot Wheels ¹²		\boxtimes		
Habitat for Slender Darling Pea ¹²		\boxtimes		
Habitat for Yellow Swainson-pea ²		\boxtimes		
Habitat for Plains Wanderer ¹²		\boxtimes		
Habitat for Regent Parrot (eastern subspecies) ¹²		\boxtimes		
Habitat for Superb Parrot ¹²	\boxtimes		0.74 ha	Mapped habitat.
				Quantum excludes areas intersecting with Tower Footprints, Access Points, and Access Tracks.

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:

4.63 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. 1.05 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 🗵	No 🗆	Comments: Habitat identified. Hollow- bearing trees and nests.	
GPS coordinates and habitat trees recorded?	Yes ⊠	No 🗆	Comments: Waypoint IDs: 93, 772-782, 789-805 262B-276B, 278B-303B	
Nest boxes required?	Yes 🖂	No 🗆	Comments:	
Fauna spotter required to be present during clearing activities?	Yes 🛛	No 🗆	Comments: Nests - WP280B, 282B, 284B, 287B-288B, 303B, 790-791,793-794,796, 800, 803-805	
Weeds				
Were any Weeds of National Significance or Priority Weeds identified?	Yes ⊠	No 🗆	Details: African Boxthorn (<i>Lycium ferocissimum</i>)	

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Environmental Exclusion Zones				
Threatened Species Identified within Disturbance Area B?	Yes 🗆	No 🖂	Details:	
Environmental exclusion zones required?	Yes ⊠	No 🗆	Details: EPBC and BC Act Threatened Ecological Communities.	
Unexpected Finds				
Were any Unexpected Finds identified?	Yes 🗆	No 🖂	Details:	
If yes, has the Environmental Manager been notified?	Yes 🗆	No 🖂	Details:	
Additional Comments				

- Ecologist required during clearing activities.
- 3.09 ha of Squirrel Glider habitat mapped within impact area.
- 0.74 ha of Small Scurf-pea (Cullen parvum) habitat mapped within impact area (Endangered under BC Act).

- Exclusion zone to be installed prior to construction works commencing. Weeds to be managed in accordance with approved Biosecurity Management Plan. Additional weed species: Toowoomba Canary Grass (*Phalaris aquatica*), Spear thistle (*Cirsium vulgare*), Horehound (Marrubium vulgare), Mallow (Malva parviflora), Patterson's Curse (Echium plantagineum), Common Peppercress (Lepidium africanum), Bathurst Burr (Xanthium spinosum), Common Vetch (Vicia sativa), Flaxleaf fleabane (Conzya bonariensis), Rumex sp., Paspalum (Paspalum Dilatatum), Sage (Salvia Verbenaca), Barley Grass (Hordeum leprorinum), Sow Thistle (Sonchus oleraceus), Small Nettle (Urtica urens), Sysimbrium sp, Small-flowered Mallow (Malva parviflora).

Table 3 –	Pre-Clearance	Approval
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Ecologist		
Pre-clearance Assessment Timeframe for Nominated Works	3 months	
Name	Justine On, Madeleine Cicchelli	
Signature	JKO -	
Date	23/07/2023	
SecureEnergy		
Name	Glenn Hayden	
Position	Senior Environmental Advisor	
Signature	£	
Date	09.08.2023	