Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Scott Rolph, Estelle Kayler-Thomson, Madeleine Cicchelli and Phillip Panagiotaros
	Qualification: Ecologists
Date of Pre-Clearance Survey	09/07/2023 - 10/07/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (between Towers 150 to 153)
Scope Methodology	Desktop review of vegetation mapping for nominated area
	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		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			8.18 Ha	EPBC Act TEC. Quantum calculated for Disturbance Area B only from Tower 150 to Tower 153 (does not include areas which intersect with Access Points, Access Tracks, or Tower Footprints).
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²			3.68 Ha	EPBC Act TEC. Quantum calculated for Disturbance Area B only from Tower 150 to Tower 153 (does not include areas which intersect with Access Points, Access Tracks, or Tower Footprints).
Weeping Myall Woodlands ¹²		\boxtimes		
Natural Grasslands of the Murray Valley Plains ¹²				
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		
Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²		\boxtimes		
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 2 Protected matter listed within the Revised Bio				
Management measures required to av	oid or mini	mise impa	acts to Protect	ed Matters:
 8.18Ha of the critically endangered BC Act TEC <i>White Box Yellow Box Blakely's Red Gum Grassy Woodland and Derived Native Grasslands</i> to be removed. 3.68Ha of the endangered BC Act TEC <i>Grey Box (Eucalyptus microcarpa) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia</i> to be removed. Exclusion zones to be installed to restrict access to protected matters outside the construction footprint. Ecologist to be present during clearing activities. No additional mitigation measures required. Clearing works to be completed in accordance with the approved Biodiversity Management Plan. 				

Hollow Bearing / Habitat Trees

Habitat trees and habitat features identified & marked?	Yes 🗵	No 🗆	Comments: Habitat identified. Stick and mud nests.
GPS coordinates and habitat trees recorded?	Yes 🗵	No 🗆	Comments: WP ID03, ID04, 130B-134B, 136B-139B, 143B-149B, 151B, 152B, 155B, 156B, 160B, 540-557, 559-567, 569- 571, 573, 575, 578-592, 594, 595, 598, 599 (Disturbance Area B, assessed on 09/07/2023 - 0/07/2023). WP ID01, ID04, 109, 111, 135B, 143B- 149B, 541, 547, 552, 560, 568-570, 573- 580, 586.



			WP ID01, ID02, 129B, 135B, 140B-142B, 150B, 153B, 154B, 157B-159B, 161B, 558, 568, 572, 574, 576, 577, 593, 596, 597, 600 (Centreline, assessed on 09/07/2023 – 20/07/2023)			
			WP 109 (Centreline, assessed on 29/05/2023)			
			WP 111 (Centreline, assessed on 26/05/2023)			
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:			
Environmental exclusion zones required?	Yes 🛛	No 🗆	Details: EPBC Act and BC Act TEC community, and Squirrel Glider (<i>Petaurus</i> <i>norfolcensis</i>) habitat within and surrounding Disturbance Area B.			
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 into TEC outside of construction footprint. To be retained for fauna habitat. 11.76Ha of Squirrel Glider (<i>Petaurus norfolcensis</i>) habitat to be removed. Exclusion zones to be installed prior to construction works commencing. Additional weed species: Canadian Eleabane (<i>Erigeron canadensis</i>) Elayleaf Eleabane (<i>Convza</i>) 						

Additional weed species: Canadian Fleabane (*Erigeron canadensis*), Flaxleaf Fleabane (*Conyza bonariensis*), Black Nightshade (*Solanum nigrum*), Horehound (*Marrubium vulgare*), Spear Thistle (*Cirsium vulgare*), Dandelion (*Taraxacum* sp.), *Paspalum* sp., and Drain Flat-sedge (*Cyperus eragrostis*).

Table 3 – Pre-Clearance Approval

Ecologist



Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Madeleine Cicchelli
Signature	
Date	10/07/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	R
Date	12/07/2023

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Madeleine Cicchelli, Max Wang Qualification: Ecologists
Date of Pre-Clearance Survey	17/08/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (between Towers 159 to 163)
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

Itom	Dresence	Presence Identified		Comments
Item	Presence	laentillea	Quantum to Clear (Ha)	Comments
	Yes	No		
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland ¹²	\boxtimes		0.09 Ha	EPBC Act Threatened Ecological Community
				(Quantum calculated for Disturbance Area B 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				
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		



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)

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

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

- 0.09 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 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 125, 127, 452B- 457B (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 (<i>Solanum</i> elaeagnifolium)	
Environmental Exclusion Zones				

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Threatened Species Identified within Disturbance Area B?	Yes 🛛	No 🗆	Details: Grey-crowned Babblers (Pomatostomus temporalis)
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			

- Weeds to be managed in accordance with approved Biosecurity Management Plan.
- Ecologist required during clearing activities.
- 0.09 ha of Squirrel Glider (Petaurus norfolcensis) habitat mapped within the impact area.
- Flock of Grey-crowned Babblers (*Pomatostomus temporalis*) (vulnerable under the BC Act) observed throughout the area, seen moving through the canopy, and actively foraging.
- Exclusion zone to be installed prior to construction works commencing.
- Additional weed species: Paterson's Curse (*Echium plantagineum*), Flaxleaf Fleabane (*Erigeron bonariensis*), Wild Oat (*Avena* sp.), Spear Thistle (*Cirsium vulgare*), Capeweed (*Arctotheca calendula*), *Brassica* sp., Curled Dock (*Rumex crispus*), Sow Thistle (*Sonchus oleraceus*), Hare's-foot Clover (*Trifolium arvense*), Small-flowered Mallow (*Malva parviflora*), Barley Grass (*Hordeum* sp.), Rye-grass (*Lolium* sp.), *Lepidium* sp., Paddy Melon (*Cucumis myriocarpus*), Wild Sage (*Salvia verbenaca*).

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Madeleine Cicchelli
Signature	
Date	17/08/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	£
Date	19/08/2023

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Madeleine Cicchelli, Estelle Kayler-Thomson, Scott Rolph, Max Wang
	Qualification: Ecologists
Date of Pre-Clearance Survey	16/08/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (between Towers 177 to 190)
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				
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			1.46 Ha	EPBC Act Threatened Ecological Community
				(Quantum calculated for Disturbance Area B 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		\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				
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		0.04 Ha	Mapped habitat.		
Notes: 1 Protected matter listed within the Notification 2 Protected matter listed within the Revised Bio						
Management measures required to avoid or minimise impacts to Protected Matters:						

- 1.46Ha of critically endangered BC Act TEC *Natural Grasslands of the Murray Valley Plains* 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 the approved Biodiversity Management Plan.

Hollow Bearing / Habitat Trees			
Habitat trees and habitat features identified & marked?	Yes 🛛	No 🗆	Comments: Habitat identified. Hollow- bearing trees.
GPS coordinates and habitat trees recorded?	Yes 🛛	No 🗆	Comments: Waypoint ID 146, 147
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).

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Environmental Exclusion Zones			
Threatened Species Identified within Disturbance Area B?	Yes 🛛	No 🗆	Details: Flame Robin (<i>Petroica phoenicea</i>) and White-fronted Chat (<i>Epthianura</i> <i>albifrons</i>).
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			

Additional Comments

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

- Ecologist to be present for clearing activities.
- Flame Robin (*Petroica phoenicea*) (vulnerable under the BC Act) observed actively foraging in trees within the disturbance area.
- Flock of White-fronted Chat (*Epthianura albifrons*) (vulnerable under the BC Act) observed actively foraging in the riparian zone within the disturbance 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), Soursob (Oxalis pes-caprae), Bathurst Burr (Xanthium spinosum), Barley Grass (Hordeum sp.), Paterson's Curse (Echium plantagineum), Capeweed (Arctotheca calendula), Variegated Thistle (Silybum marianum) Rye-grass (Lolium sp.), Shepherd's Purse (Capsella bursa-pastoris), Horehound (Marrubium vulgare), Onion Weed (Asphodelus fistulosus), Wild Oat (Avena sp.), Lepidium sp., Burr Medic (Medicago polymorpha), Witchgrass (Panicum capillare), Paddy Melon (Cucumis myriocarpus), Common Thorn-apple (Datura stramonium), St Barnaby's Thistle (Centaurea solstitialis), Knotweed (Polygonum aviculare), Galvanized Burr (Sclerolaena birchii), Wall Barley (Hordeum leporinum).

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Madeleine Cicchelli
Signature	
Date	16/08/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	£
Date	19/08/2023

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Scott Rolph and Madeleine Cicchelli Qualification: Ecologists
Date of Pre-Clearance Survey	08/07/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (between Towers 203 to 205)
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		Cei	ntreline		\boxtimes
Break and Winch Site		Par	king Areas		
Access Track (existing)		Aco	ess Track (new)	
Disturbance Area B		Oth	er		
Details of Other:					
Protected Matters					
Item	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			5.17 Ha	EPBC Act Threate Ecological Comm Quantum calculate Disturbance Area Tower 150 to Tow not include areas intersect with Acce Access Tracks, or Footprints).	unity. ed for B only from er 153 (does which ess Points,
Weeping Myall Woodlands ¹²					
Natural Grasslands of the Murray Valley Plains ¹²					
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		\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 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: 1.46Ha of the endangered BC Act TEC Grey Box (Eucalyptus microcarpa) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia 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 [-	bitat identified. Hollow tick nests, and mud nests.		
GPS coordinates and habitat trees recorded?	Yes ⊠	No [256-259, 262, 263, 265- 277, 510, 514., 516, 520,		

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524, 533

06/06/2023)

WP 280 (Centreline, assessed on

WP 503, 509, 519, 520, 522-525, 527 (Centreline, assessed on 08/07/2023)

WP 256-278, 281-284 (Disturbance Area B, assessed on 06/06/2023)



			WP 501, 502, 504-508, 510-518, 521, 526, 528-539 (Disturbance Area B, assessed on 08/07/2023)
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: Prickly Pear (<i>Opuntia</i> sp.)
Environmental Exclusion Zones			
Threatened Species Identified within Disturbance Area B?	Yes 🗆	No 🖂	Details:
	Yes □ Yes ⊠	No ⊠ No □	Details: Details:
Disturbance Area B?			
Disturbance Area B? Environmental exclusion zones required?			
Disturbance Área B? Environmental exclusion zones required? Unexpected Finds	Yes 🖂	No 🗆	Details:

- Ecologist required during clearing activities.
- Relocate hollow bearing logs into TEC outside of construction footprint. To be retained for fauna habitat.
- 4.96 ha of Squirrel Glider (*Petaurus norfolcensis*) mapped habitat within impact area.
- One Little Eagle (*Hieraaetus morphnoides*) (vulnerable under the BC Act) observed flying overhead.
- Exclusion zones to be installed prior to construction works commencing.
- Weeds to be managed in accordance with approved Biosecurity Management Plan.
- Additional weed species: Flaxleaf Fleabane (*Conyza bonariensis*), Black Nightshade (*Solanum nigrum*), Horehound (*Marrubium vulgare*), Spear Thistle (*Cirsium vulgare*), Galvanised Burr (*Sclerolaena birchii*), Wild Oat (*Avena*, sp.), Small-flowered Mallow (*Malva parviflora*), Bathurst Burr (*Xanthium spinosum*), Witchgrass (*Panicum capillare*), Soursob (*Oxalis pes-caprae*).

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Madeleine Cicchelli
Signature	



Date	08/07/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	R
Date	12/07/2023

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 286 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		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				
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		
Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains ²		\boxtimes		



Habitat for A spear-grass (<i>austrostipa metatoris</i>) ²	\boxtimes	
Habitat for A spear-grass (<i>austrostipa</i> <i>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:		

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:

- 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:
GPS coordinates and habitat trees recorded?	Yes 🗆	No 🛛	Comments:
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:
Environmental exclusion zones required?	Yes 🗆	No 🖂	Details:
Unexpected Finds			
Were any Unexpected Finds identified?	Yes 🗆	No 🖂	Details:



If yes, has the Environmental Manager been notified?	Yes 🗆	No 🖂	Details:
Additional Comments			
 Ecologist not required for clearing v Weeds to be managed in accordant Additional weed species: Galvanise 	ce with the	•	

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	24.09.2023

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Riordan Tweddell, 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 289 to 297)
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		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				
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia ¹²				
Weeping Myall Woodlands ¹²			0.07 ha	EPBC Act Threatened Ecological Community (Quantum excludes areas that intersect with Tower Footprints, Access Tracks, or Access Points)
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		
Habitat for Sand-hill Spider Orchid ²	\boxtimes	
Habitat for A burr-daisy ²		
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	\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:

- 0.07 ha of endangered BC Act-listed TEC 'Myall Woodland in the Darling Riverine Plains, Brigalow Belt South, Cobar Peneplain, Murray-Darling Depression, Riverina and NSW South Western Slopes bioregions' 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 🛛	No 🗆	Comments: Habitat identified. Hollow bearing trees and stick nests.
GPS coordinates and habitat trees recorded?	Yes 🖂	No 🗆	Comments: Waypoint ID: 244, 266, 282, 286 and 318 (Centreline) Waypoint ID: 264, 265, 267, 269, 271, 273- 279, 281, 283-285, 289, 322, 325 (Disturbance Area B)
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: African Boxthorn (<i>Lycium ferocissimum</i>).
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
- Flame robin (Petroica phoenicea) observed during prior site assessment foraging within the impact area (17/06/2023).

Weeds to be managed in accordance with the Biosecurity Management Plan
 Additional weeds: Bathurst Burr (*Xanthium spinosum*), Galvanised Burr (*Sclerolaena birchii*), Canadian Fleabane (*Erigeron canadensis*), Spear Thistle (*Cirsium vulgare*), Scotch Thistle (*Onopordum acanthium*), Black Nightshade (*Solanum nigrum*), Small Nettle (*Urtica urens*), Paddy Melon (*Cucumis myriocarpus*), Flaxleaf Fleabane (*Erigeron bonariensis*), Trailing Verbena (*Verbena supina*).

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	24.09.2023

Table 1 - Information

Item	Detail
Ecologist / Fauna Spotter(s) Completing Pre-Clearance Survey	Name: Madeleine Cicchelli and Phillip Panagiotaros Qualification: Ecologists
Date of Pre-Clearance Survey	06/07/2023 – 07/07/2023
Specific Pre-Clearance Survey Location (Line No./ Tower / Span No.)	L5 Disturbance Area B and Centreline (Towers 298 to 300)
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		Ce	ntreline	\boxtimes	
Break and Winch Site			rking Areas		
Access Track (existing)			Access Track (new)		
Disturbance Area B		Ot	ther		
Details of Other:					
Protected Matters					
Item	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					
Weeping Myall Woodlands ¹²		\boxtimes			
Natural Grasslands of the Murray Valley Plains ¹²					
Buloke Woodlands of the Riverina and Murray-Darling Depression Bioregions ²					
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					
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:

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. 3 x stick nests.
GPS coordinates and habitat trees	Yes 🖂	No 🗆	Comments: WP 462, 463, 484
recorded?			WP 453-458, 463 (Centreline, assessed on 06/07/2023)
			WP 483, 490 (Centreline, assessed on 07/07/2023)
			WP 451, 452, 459-462, 464-479 (Disturbance Area B, assessed on 06/07/2023)
			WP 480-482, 484-489, 491-494, 496 (Disturbance Area B, assessed on 07/07/2023)
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: African Boxthorn (<i>Lycium ferocissimum</i>)

Yes 🗆	No 🖂	Details:
Yes □	No 🖂	Details:
Yes 🗆	No 🖂	Details:
Yes 🗆	No 🖂	Details:
	Yes Yes	Yes No ⊠ Yes No ⊠

Additional Comments

- Weeds to be managed in accordance with approved Biosecurity Management Plan.
- Ecologist required during clearing activities.
- Relocate fallen logs into woodland habitat outside of construction footprint. To be retained for fauna habitat.
- Highly modified grazing paddock with River Red Gum woodland.
- Additional weed species: Horehound (*Marrubium vulgare*), Spear Thistle (*Cirsium vulgare*), Dandelion (*Taraxacum* sp.), Bathurst Burr (*Xanthium spinosum*), Galvanised Burr (*Sclerolaena birchii*), Paddy Melon (*Cucumis myriocarpus*), Smooth Mustard (*Sisymbrium erysimoides*), Wild Oat (*Avena,* sp.), Small-flowered Mallow (*Malva parviflora*), Giant Nettle (*Urtica dioica*).

Table 3 – Pre-Clearance Approval

Ecologist	
Pre-clearance Assessment Timeframe for Nominated Works	3 months
Name	Madeleine Cicchelli
Signature	
Date	07/07/2023
SecureEnergy	
Name	Glenn Hayden
Position	Senior Environmental Advisor
Signature	£
Date	24.09.2023