

Willogeleche 2 Wind Farm



Biodiversity Factsheet

An ecological assessment was completed to:

- Identify ecological values and environmental constraints within the project area.
- Assess threatened flora, fauna and ecological communities.
- Inform project design to avoid and minimise environmental impacts.
- Support State and Commonwealth approval requirements.

WHAT WE FOUND

- A total of eight (five native) vegetation associations (Vas) were mapped across the Project Area, which consisted of grasslands, shrublands and exotic vegetation.
- Bird and Bat Utilisation Surveys (BBUS) have taken place across eight seasonal surveys from 2023-2025 with 10 separate sites across the project area.
- No migratory species were recorded in the project area during the survey periods.
- No threatened bat species, listed under either the Environment Protection and Biodiversity Conservation (EPBC) Act or National Parks and Wildlife (NPW) Act, were identified.

ECOLOGICAL CONSTRAINTS RELEVANT TO THE PROJECT AREA

CONSTRAINT SUMMARY	CONSTRAINT DETAILS	PROJECT DESIGN
Native Vegetation	• Five native vegetation associations occur within the Project Area.	Protecting the local environment is a key consideration in project planning. Wherever possible, project infrastructure will be located in existing disturbed areas to avoid impacts on native vegetation. The project will also work to avoid and minimise impacts on nationally protected species, habitats and ecological communities. If some impacts are unavoidable, they will be carefully assessed and managed in accordance with environmental approval requirements.
EPBC Act listed species and habitat	• Iron-Grass Natural Temperate Grassland of SA TEC • Southern Whiteface • Pygmy Blue-tongue Lizard • Flinders Rangers Worm-Lizard	
NPW Act listed fauna	• Black Falcon • Little Eagle • Peregrine Falcon	
NPW Act listed flora	• Cryptandra campanulate • Maireana rohrlichii • Maireana excavate • Rumex dumosus	
Declared weeds	There are several declared weeds within the project area	

VEGETATION IDENTIFIED WITHIN THE PROJECT AREA

PLANT COMMUNITY TYPE	AREA IMPACTED (HA)		
	PROJECT LAYOUT	BATTERY ENERGY STORAGE SYSTEM	OVER HEAD LINE
Lomandra grassland (A1)	0.94	0	0
Maireana aphylla shrubland (A2)	29.48	0	1.05
Austrostipa grassland (A3)	8.79	0	12.51
Cryptandra shrubland (A4)	0	0	0.02
Exotic grassland / pasture (A5)	17.58	1.4	8.54
Cropping (A6)	52.56	0	0
Planted vegetation / infrastructure (A7)	0	0	0.73
Enchylaena open shrubland (A8)	0	0	1.04



LEGEND

- Wind Farm Project Area
- Civil Layout
- OTL Corridor
- BAM Site
- Main road
- Local road
- Watercourse

Vegetation Association

- A1:** *Lomandra multiflora* with *Austrostipa* sp. grassland ± *Cryptandra campanulata* ± exotic grassland ± *Lomandra effusa*
- A2:** *Maireana aphylla* shrubland with *Lomandra multiflora* ± exotic grasses ± *Cryptandra campanulata* ± *Austrostipa* sp.
- A3:** *Austrostipa* sp. and *Rytidosperma* sp. grassland with emergent *Maireana aphylla* ± exotic grasses
- A4:** *Cryptandra campanulata* shrubland ± *Lomandra multiflora* ± *Bursaria spinosa* and *Chrysocephalum* sp.
- A5:** Exotic Grassland/Pasture
- A6:** Cropping
- A7:** Planted Vegetation, Infrastructure