## **EPBC Act referral**



Note: PDF may contain fields not relevant to your application. These fields will appear blank or unticked. Please disregard these fields.

# Title of proposal

# 2021/8910 - Mt Fox Energy Park Wind Farm

## Section 1

# Summary of your proposed action

### 1.1 Project industry type

Energy Generation and Supply (renewable)

### 1.2 Provide a detailed description of the proposed action, including all proposed activities

Mount Fox Energy Park is a proposed 350 Megawatt (MW) renewable energy development at Mount Fox in North Queensland. Fifty-seven (57) utility scale wind turbines will inject clean, renewable electricity into the National Electricity Market (NEM) or 'grid' though a 275 kV Powerlink-owned transmission line that intersects the project site.

The proposed development also involves associated infrastructure including internal reticulation systems, internal access roads/laydowns areas, new substation, switch yard, battery storage and site office. The project site was chosen for its year-round strong and reliable wind conditions along the ridges of the hills located within the site. The proposed location is also particularly suitable as the project site is of sufficient size that the turbines can be easily located further than the 1,500 m buffer from sensitive receptors.

The Mt Fox wind farm will be constructed over two stages on the project site as follows:

- Stage 1 installation of two (2) meteorological (met) masts to measure wind, temperature and pressure at the project site. Each mast is approximately 120 m to 140 m in height. The meteorological masts will be located entirely within Lot 3 on WG274.
- Stage 2 involves the installation and operation of 57 utility-scale wind turbines and associated infrastructure. The turbines are to be located on the higher ridgelines within the project site and comprise towers with a hub height of up to 137.5 m (+/- 10m) above ground level, with a maximum rotor diameter of 185 m. The wind turbines will be located on Lot 3 on WG274, Lots 57 and 59 on SP237064 and Lot 18 on WU6.

No development is proposed on Lot 21 on WU4 as part this application; however, has been included as balance land for possible future development associated with the wind farm. It is acknowledged that any future development on Lot 21 will require a development application to be submitted to Council or SARA depending on the proposed use.

Stage 2 as detailed above will involve the construction of the Mt Fox Energy Park over an approximate 24-month period with up to 180+ personnel involved in construction. On completion, Mt Fox will operate all year round seven days per week, 52 weeks per year.

Workers associated with the construction will either reside at the project site in non-resident workforce accommodation or travel by bus to the site from other locations such as Townsville, Ingham and Charters Towers. The non-resident work force accommodation has not been included in this application. A development application for the non-resident workforce accommodation will be required later when staff numbers, accommodation types and location within the project site have been determined. In this regard, MFEP aim to attract 50% operational staff from the Mount Fox area with the remainder split between Ingham, Townsville and Charters Towers.

Water for construction of the wind farm will be sourced from existing groundwater supplies via a bore or similar. Two existing bores are located on the project site which may be suitable for construction purposes, with an additional two bores also required. The use of existing groundwater supplies for construction purposes will be investigated during the detailed design phase. Construction materials for the wind farm will be sourced from existing or new quarries in the area. A development application for a concrete batching plant and extractive industry (including an Environmentally Relevant Activity) will be required later when quarry investigations have been completed.

Without sensitive avoidance and mitigation strategies during siting, construction and operation, there is potential for a number of species and habitat of conservation significance to be impacted by the development from clearing, erosion and sediment and turbine placement for example. A detailed assessment has been undertaken (Att A-D MFEP Ecological Assessment) and includes the following considerations: The project area is located within remnant and non-remnant vegetation on an existing and actively managed cattle property which is subject to a range of activities such as ploughing and planting, mechanical and chemical weed control, fire management including comprehensive controlled burns) and the maintenance and upgrade of access tracks using earthmoving machinery. Considerable access within the project site will be provided using existing farm tracks, some of which will be required to be widened to enable the delivery of the wind turbine blades, towers and other components. Electrical cabling between the wind turbines will be installed in underground trenches running alongside existing or proposed access tracks (i.e., within the proposed 15m clearance width). The only overhead lines on site will be located within the substation footprint, connecting the project to the grid. Remnant vegetation will be avoided as far as reasonably practical and will be cleared to widen access tracks and upgrade waterway crossings. The Project will include a range of ancillary activities including operation and construction facilities, substations, site entrances and battery storage facilities. The final layout will comprise up to 57 wind turbines located within 100m of the nominal or alternative wind turbine locations determined with consideration of a range of constraints. Final site selection and the subsequent micro-siting of each wind turbine will occur during the construction phase to allow for local conditions such as ecology, and existing drainage controls. The wind turbines will not be micro-sited more than 100m from a nominal or alternative wind turbine location. The Project has been designed to minimize impacts to the environment, community, cultural heritage and existing

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land users.		
1.3 What is the extent and location of your proposed action? See Appendix B		
1.5 Provide a brief physical description of the property on which proposed action (e.g. proximity to major towns, or for off-shore		
The subject site is located within the Hinchinbrook Shire Couwest of Ingham and near the community of Mt Fox. The project individually titled allotments of freehold land. Part of the project defined by the Hinchinbrook Shire Council planning scheme. The which are either directly adjoining or dissected by the state 275. The study site is characterized by steep to gently undulating cleared non-remnant pasture used for grazing purposes.	t site is approxima t site is zoned with hese include thre 5kV transmission	ately 3214 ha of land, comprising 5 nin the Solar Energy Development Precinct as e lots located in the west of the study site line.
1.6 What is the size of the proposed action area development for avoidance footprint (if relevant)?	otprint (or work a	rea) including disturbance footprint and
The subject site is located within the Hinchinbrook Shire Couwest of Ingham and near the community of Mt Fox. The project individually titled allotments of freehold land. The development based upon 0.4 ha construction hardstands and 15 metre wide existing access roads will be utilised to minimise the disturbance footprint of the project will encompass the entire 94.3 ha disturbroposed site layout.	t site is approxima disturbance footp access roads red be footprint and fu	ately 3214 ha of land, comprising 5 brint is 94.3 ha out of the total 3214 ha site, quired for construction. Where possible, in the micrositing will occur. The operational
1.7 Proposed action location		
Other - Site location encompasses 5 lot plans, these being: 3WG274 18WU6 21WU4 57SP237064 59SP237064		
1.8 Primary jurisdiction	Queensland	
1.9 Has the person proposing to take the action received any Au  Yes No	ıstralian Governm	ent grant funding to undertake this project?
1.10 Is the proposed action subject to local government plannin	g approval?	
☐ Yes ☑ No		
1.11 Provide an estimated start and estimated end date for the proposed action	Start Date End Date	01/06/2022 31/12/2023
1.12 Provide details of the context, planning framework and stat	e and/or local Gov	

The project is being developed in accordance with QLD State Code 23: Wind Farm Planning Guidelines. It has been deemed code assessable due to the nature of the site and the distances from nearby sensitive receptors.



1.16 Is the proposed action related to other actions or proposals in the region?

Yes

Yes

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1.13 Describe any public consultation that has been, is being or will be undertaken, including with Indigenous stakeholders
To date, public consultation has taken place through the following means:  - A community event where project proponents were able to directly engage with local stakeholders, sharing information and answering questions.  - Direct contact between the developer and local stakeholders on several occasions.  - Direct communication with the local indigenous community via email correspondence. As the land is freehold, no concerns have been raised, however communication is ongoing.  - Ongoing stakeholder engagement with the assistance of a local specialist where direct contact between proponent and stakeholder has been difficult (due to COVID travel restrictions or similar).
1.14 Describe any environmental impact assessments that have been or will be carried out under Commonwealth, State or Ferritory legislation including relevant impacts of the project
nil
1.15 Is this action part of a staged development (or a component of a larger project)?



Section 2
Matters of national environmental significance
2.1 Is the proposed action likely to have any direct or indirect impact on the values of any World Heritage properties?
☐ Yes ☑ No
2.2 Is the proposed action likely to have any direct or indirect impact on the values of any National Heritage places?
☐ Yes ☑ No
2.3 Is the proposed action likely to have any direct or indirect impact on the ecological character of a Ramsar wetland?
☐ Yes ☑ No
2.4 Is the proposed action likely to have any direct or indirect impact on the members of any listed species or any threatened ecological community, or their habitat?
✓ Yes    No
Species or threatened ecological community
Red Goshawk (Erythrotriorchis radiatus) Vulnerable; White-throated Needletail (Hirundapus caudacutus) Vulnerable; Buffbreasted Button-quail (Turnix olivii) Endangered; Masked Owl (Northern subspecies) (Tyto novaehollandiae kimberli) Vulnerable; Northern Quoll (Dasyurus hallucatus) Endangered; Semon's Leaf-nose Bat (Hipposideros semoni) Vulnerable; Ghost Bat (Macroderma gigas) Vulnerable; Northern Greater Glider (Petauroides volans minor) Vulnerable; Koala (Phascolarctos cinereus) Vulnerable; Spectacled Flying-fox (Pteropus conspicillatus) Endangered; Large-eared horseshoe bat (Rhinolophus robertsi) Vulnerable; Bare-rumped sheathtail Bat (Saccolaimus saccolaimus nudicluniatus) Endangered; Aristida granitica, Endangered; Corymbia leptoloma, Vulnerable; Marsdenia brevifolia, Vulnerable.
Impact
Removal of native vegetation and fauna habitat comprising both remnant and regrowth communities; Introduction or exacerbation of pests fauna, weeds and pathogens; Noise and vibration impacts to fauna species from construction and operational activities; Sedimentation and erosion from exposed and excavated areas including new roads; Turbine collision for birds and bats.  Potential impacts are outlined in Att B.1 Ecological Assessment Part 2, section 9 pg125 and section 10, pg129.
2.4.2 Do you consider this impact to be significant?
☐ Yes ☑ No
2.5 Is the proposed action likely to have any direct or indirect impact on the members of any listed migratory species or their habitat?
✓ Yes    No
Migratory species
Fork-tailed Swift (Apus pacificus); Oriental Cuckoo (Cuculus optatus); Barn Swallow (Hirundo rustica); Rufus Fantail (Rhipidura rufifrons); Osprey (Pandion haliaetus); Great Egret (Ardea alba); Cattle Egret (Ardea ibis); Black-eared Cuckoo (Chrysococcyx osculans); White throated Needletail (Hirundapus caudacutus); Oriental cuckoo (Cuculus optatus); White-bellied Sea-Eagle (Haliaeetus leucogaster); Rainbow Bee-eater (Merops ornatus); Satin Flycatcher (Myiagra cyanoleuca).
Impact
Removal of native vegetation and fauna habitat comprising both remnant and regrowth communities; Introduction or exacerbation of pest fauna, weeds and pathogens; Noise and vibration impacts to fauna species from construction and operational activities; Sedimentation and erosion from exposed and excavated areas including new roads; Turbine collision for birds and bats; Potential modification of species migratory corridors; Barrier effects; Potential impacts are outlined in att B.1 Ecological Assessment Part2, section 10 pg 129
2.5.2 Do you consider this impact to be significant?
☐ Yes ☑ No



2.6 Is the proposed action to be undertaken in a marine environment (outside Commonwealth marine areas)?
☐ Yes ☑ No
2.7 Is the proposed action likely to be taken on or near Commonwealth land?
✓ Yes
2.7.1 Is the proposed action likely to have any direct or indirect impact on the Commonwealth land?
☐ Yes ☑ No
2.8 Is the proposed action taking place in the Great Barrier Reef Marine Park?
☐ Yes ☑ No
2.9 Is the proposed action likely to have any direct or indirect impact on a water resource from coal seam gas or large coal
mining development?
☐ Yes ☑ No
2.10 Is the proposed action a nuclear action?
☐ Yes ☑ No
2.11 Is the proposed action to be taken by a Commonwealth agency?
☐ Yes ☑ No
2.12 Is the proposed action to be undertaken in a Commonwealth Heritage place overseas?
☐ Yes ☑ No
2.13 Is the proposed action likely to have any direct or indirect impact on any part of the environment in the Commonwealth marine area?
∏ Yes ☑ No

# Section 3

### Description of the project area

### 3.1 Describe the flora and fauna relevant to the project area

Extensive desktop reviews across the proposed site, followed by fauna and flora on-ground assessments to determine the presence of numerous threatened and at risk species across the proposed project site were carried out. These data were used to identify fauna and flora relevant to the project area and to develop recommendations to best mitigate the impact of works on the environmental values of the proposed MFEP project site.

### Flora

Field botanical assessments identified a single species of conservation significance on the proposed wind farm project site. Corymbia leptoloma — Vulnerable EPBC Act 1999, NC Act 1992 is a member of the Myrtaceae family. It has a narrow distribution being restricted to the western slopes of the Paluma Range between Breakaway Road near Mt Fox and Hervey Range Road, ~80km west of Townsville. The records collected present a minor range extension for this species. The nearest previous record was slightly north of Breakaway Road approximately 6 km to the east of the study site. Corymbia leptoloma is present to the east of Ewan Road. Pre-mitigation significant impact is likely. It will however be feasible to avoid many impacts to this species given it is a canopy species of open forest and woodland communities distributed widely in the east of the project site. Impacts can be minimized by micro-siting in association with a comprehensive population survey that maps the locations of individuals and population clusters. This species may also be translocated through a variety of methods. The preference is for seed collection and propagation for planting within potential rehabilitation areas.

#### Fauna

In total, 127 terrestrial vertebrate species were detected during the fauna survey, comprising: 24 mammals; 9 amphibians; 8 reptiles; and 86 bird species.

Bird Utilization survey found the pooled height flight data from both seasons indicated that over 82.3% of birds flew below, 17.4% at and 0.2% over the rotor sweep area (40-190m agl) heights. The Rainbow bee-eater, Rainbow Lorikeet, Crested Pigeon, Sulphur-crested Cockatoo and the Torresian Crow were the five (5) most abundant birds flying at RSA height. These compromised 87% of birds flying at RSA. (Att B.1 EA Part2, app A)

Field surveys conducted across the project area identified three (3) listed fauna species as confirmed onsite. These included the Northern greater glider (vulnerable EPBC), Bare-rumped sheathtail bat (V EPBC), Greater large-eared horseshoe bat (vulnerable EPBC). (Att A.1 EA part1, section 7.3)

The Northern greater glider (Peteroides volans minor) was recorded on two (2) separate occasions during the project site survey at two locations along the southern boundary of the project site in RE 7.5.4: Corymbia intermedia +/- Eucalyptus tereticornis woodland and open forest with Allocasuarina torulosa, A. littoralis, Lophostemon suaveolens, Acacia flavescens, Banksia aquilonia and Xanthorrhoea johnsonii on weathered soils and laterite of a remnant surface. One individual was located during opportunistic spotlighting in the canopy of a mature E. tereticornis and another was found deceased after becoming entangled in a barbed-wire fence directly adjacent to Ewan Road. Dens of large diameter Eucalyptus tereticornis are known to be a key resource for this species in the region.

The Bare-rumped sheathtail bat is a small, insectivorous bat which occurs in tropical woodlands and tall open forests from Bowen to Iron Range in North Queensland. This species roosts in groups (4 to 40 individuals) in hollows of a number of eucalypt species, generally preferring those with high rainfall along coastal areas. Confirmed roosting and maternity sites are from long, deep hollows in poplar gum Eucalyptus platyphylla, and stringybark Eucalyptus tetradonta. This species was recorded within the western end of the project site within laterite soils (land zone 5). These soils facilitate the growth of open forest and woodland containing numerous large hollow bearing eucalypt trees suitable for roosting.

Greater large-eared horseshoe bat (Rhinolophus robertsi) is identified from other Rhinolophus species by its extremely large ears and large nose-leaf on its muzzle. This bat is distributed from the tip of Cape York to as far south as the Townsville region. Habitat type for this species appears to be broad, ranging from rainforests to open eucalypt forests and woodlands. Roosting sites include tree hollows, vegetation, and open areas such as under creek banks, rock piles and road culverts. Females give birth to single young in October/ November. This species was recorded within the western end of the project site within laterite soils (land zone 5). These soils facilitate the growth of open forest and woodland containing numerous large hollow bearing eucalypt trees suitable for roosting. Results indicate a general lack of bat activity within the granite soils (land zone 12) within the east of the project site.

## 3.2 Describe the hydrology relevant to the project area (including water flows)

The site (Figure 2 page 3 Att E MFEP Surface Water Statement) appears to be largely undeveloped, characterised mainly by grassland and bushland on undulating to hilly landscapes. Figure 3 (Page 5 Att E MFEP Surface Water Statement)

presents a visual representation of the topographical characteristics of the site, based on the freely available NASA Shuttle Radar Topography Mission (SRTM) Global 1 arc second number grid. The figure highlights that, due to the preferred characteristic location of the turbines (high points in the landscape) and the steep relief associated with the site's topography, runoff velocities will need to be considered in order to reduce any potential erosion risk as a result of the construction phase and the developed infrastructure.

The site area is approximately 32.5 km2, however, the area infrastructure development footprint is significantly smaller at 0.28 km2 (28 ha), consisting of 0.21 km2 (21.1 ha) for the accumulated turbine footprints (including crane hardstand areas) and 0.24 km2 (24 ha) for the combined roads (43.3 km long with a width of 5.5 m). As such, the proposed development only accounts for 1.4 % of the development site area, which was all considered to be a change from previous natural landscape to impervious developed area, for the purposes of this study. Furthering this, the proposed development footprint is considered to have an insignificant impact on water quantities within the context of the Burdekin River catchment (which has an area of 130,120 km2).

The rainfall for the area is considered seasonal, with the majority of the Mean Annual Precipitation (1,200 mm) falling from November to April (see Figure 4 page 5 MFEP Surface Water Statement), based on gauged data from the Weona Gauge (032059) from 1961 – 2004. The gauge is at altitude 853 m AHD and located at the following coordinates (0.36 km from Mount Fox and approximately 5.5 km north-west of the site centroid): 18.82080 S; 145.84670 E.

This part of the Burdekin River catchment (i.e. the headwaters) is characterised by small first and second order streams that are likely to range between ephemeral and non-perennial in nature based on the monthly rainfall distribution (refer Figure 4 Att E MFEP Surface Water Statement). There are no amber, red or purple waterways (from a waterway barrier perspective) within the project boundary. However, as the site is situated in an undeveloped area in a headwater region, the water quality is likely to be good quality. No sensitive wetlands were identified in the site area, or immediately downstream of the site, based on an initial desktop review.

The entire study site is located within the Burdekin catchment and Upper Burdekin sub-catchment with waterways generally flowing in a westerly direction through the study site. The Herbert catchment is located directly adjacent to the north east with the division of the catchments marked by Ewan Road.

The rainfall for the area is considered seasonal, with the majority of the Mean Annual Precipitation (1,200 mm) falling from November to April (see Figure 4 Page 5 Att E MFEP Surface Water Statement), based on gauged data from the Weona Gauge (032059) from 1961—2004. The gauge is at altitude 853 m AHD and located at the following coordinates (0.36 km from Mount Fox and approximately 5.5 km north-west of the site centroid): 18.82080 S; 145.84670 E. This part of the Burdekin River catchment (i.e. the headwaters) is characterised by small first and second order streams that are likely to range between ephemeral and non-perennial in nature based on the monthly rainfall distribution (refer Figure 4 Page 5 Att E Surface Water Statement). There are no amber, red or purple waterways (from a waterway barrier perspective) within the project boundary. However, as the site is situated in an undeveloped area in a headwater region, the water quality is likely to be good quality. No sensitive wetlands were identified in the site area, or immediately downstream of the site, based on an initial desktop review.

The majority of impacts relating to water resources and water quality have potential to occur during the construction phase of the Project. Operations and maintenance activities will generally be limited to vegetation management, access track maintenance and life cycle replacement.

The proposed development is likely to have a negligible impact to the timing, volume and quality of surface water flows within the context of the Burdekin River catchment, provided a suitable stormwater management plan and an erosion and sediment control plan is developed. This includes good, clean and well-planned practices during construction. GHD have prepared a surface water statement (Att E MFEP Surface Water Statement) on the Mt Fox Energy Park which considers potential surface water flow impacts on runoff quality and quantity as a result of the proposed wind farm

### 3.3 Describe the soil and vegetation characteristics relevant to the project area

The project site has been broken down into discreet sub-categories based broadly on land zone and bio-regions (wet tropics/brigalow belt). It is within these project site land zones that patterns relating to the ecological values can be determined. These values relate to the spatial locations of critical site values of vegetation communities, threatened species and weed invasion.

A total of four (4) project site land zones have been identified for the project area. These include:

Land zone 12 (granite and rhyolite soils);

Land zone 12 covers an extensive proportion of the north east of the project site and some isolated pockets in the west. Within the project site, this landform is the most topographically varied with elevation ranges between 660 m and 810 m asl. Landforms ranged from undulating plains at the base of rolling low hills to steep gullies below narrow ridgelines in the east of the project site. The varied elevations and landforms support a greater diversity of habitats compared to other land zones within the project site. Vegetation communities vary depending on slope and aspect that permit different accumulation rates of topsoils and in some cases provide fire refugia. In sheltered locations open forest is the dominant vegetation community with RE 7.12.30a and RE 7.12.29b occurring over much of the sub-category. In more exposed locations granite boulders and rhyolite pavements comprise a common surface component often with a thin layer of skeletal soil supporting dense

shrubby vegetation RE 7.12.66 and RE 7.12.65 (Plate 6). Some minor occurrences of complex notophyll vine forest (RE 7.12.16a) and tall open wet sclerophyll forest (re 7.12.21a) occur in the central north of the project site. These communities are all located in highly sheltered locations within gullies containing a significant component of rhyolite surface rock to assist in fire suppression. The dominant land use of this land zone is for grazing of cattle.

Land zone 5 (laterite soils);

Land zone 5 covers an extensive proportion of the south west of the project site and some isolated polygons within the central north of the study site. Within the project site, this land zone ranges in elevation from 660 m to 770 m asl. Landforms ranged from undulating plains and low rolling low hills. The predominant surface geology is Tertiary — Quaternary period deposits of clay, silt, gravel, and soil. A basalt flow has covered much of this area and subsequently laterised to form a deep and unremarkable soil profile.

Vegetation communities are relatively uniform in structure throughout this land zone comprising of open forest and woodland with a sparse understorey and grassy ground layer. The relatively higher fertility and water holding capacity of these soils have facilitated the growth of frequent large diameter Eucalyptus tereticornis and Corymbia intermedia present across much of the land zone distribution. The predominant land use of this land zone is for the grazing of cattle.

Land zone 3 (alluvial deposits);

Land zone 3 comprises a minor proportion of the west of the project site. An additional alluvial deposit occurs in the east. The very nature of this landform being depositional requires that it is a low flat feature within the landscape locally. The predominant surface geology is Tertiary — Quaternary period deposits of clay, silt, gravel, and soil. This landform occurs within depositional areas adjacent to open forest and woodlands of land zone 5 (lateritic soils). The accumulation of run-off material from these areas has created a deep black soil with an elevated organic matter content relative to adjacent areas. Almost all of the land zone is comprised of RE 7.3.39a Eucalyptus tereticornis woodland with a sparse understory and grassy ground layer. The elevated fertility and water holding capacity of these soils have facilitated the grow of some very large diameter Eucalyptus tereticornis present across much of the land zone. Within the central north of the project a small area of RE 7.3.39c occurs as a naturally treeless ephemeral swamp and sedgeland.

Brigalow belt Land zone 12 (granite and rhyolite soils).

Brigalow Belt - Land zone 12 covers a minor proportion of the west of the project site occurring as isolated polygons. Within the project site, this land zone ranges elevation from 690 m to 780 m asl. The predominant surface geology is Tertiary — Quaternary period deposits of clay, silt, gravel, and soil. The single landform consists of an exposed north-north west facing slope below high rhyolite ridgelines. Vegetation communities are uniform in structure throughout this land zone. These comprise RE 11.12.13a low Eucalyptus exerta woodland with a sparse understorey and grassy ground layer. The low fertility and water holding capacity of these soils have facilitated low open woodland Eucalypt forest. (Att A MFEP Ecological Assessment Part1, Section 4)

## 3.4 Describe any outstanding natural features and/or any other important or unique values relevant to the project area

The project site is not considered to contain any outstanding natural features beyond the conservation values of EPBC listed flora and fauna species and vegetation communities identified in the MFEP Ecological Assessment.

### 3.5 Describe the status of native vegetation relevant to the project area

A total of 94.3 ha is proposed to be disturbed within the project site (54.6 ha remnant LC, 39.5ha remnant OC, 0.2 ha non-remnant (VMA)), encompassing 21 Regional ecosystems within the property and 12 within the direct disturbance footprint.

RE: 11.12.13 (0.6 ha to be cleared)

Status: LC/NOC

Eucalyptus exerta mixed woodland or open forest. Occurs on coastal hills formed on Mesozoic to Proterozoic igneous rocks (BVG1M: 13c);

7.3.8b (0.0ha to be cleared)

LC/E

Melaleuca viridiflora open forest to open woodland with eucalypt emergents (or sparse eucalypt overstorey) of species such as Corymbia clarksoniana, Eucalyptus platyphylla, Lophostemon suaveolens and E. drepanophylla. Poorly drained alluvium, mostly on the coastal plains. Floodplain (other than floodplain wetlands) (BVG1M: 21a)

7.3.39a (0.0ha to be cleared)

OC/E

Eucalyptus tereticornis open woodland. Small groves of E. platyphylla occur as a lower layer in some areas. Seasonal swamp of broad drainage lines in uplands. Moist rainfall zone. Floodplain (other than floodplain wetlands) (BVG1M: 9e) 7.3.39c (0.0ha to be cleared)

OC/E

Ephemeral freshwater swamp. Drainage depressions in upland situations. Palustrine wetland (e.g. vegetated swamp) (BVG1M: 34f)

7.3.43 (0.0ha to be cleared)

OC/E

Eucalyptus tereticornis open forest, tall open forest and woodland including communities ranging from those dominated by E. tereticornis to mixtures of that species with Corymbia intermedia, E. drepanophylla, Lophostemon suaveolens and Allocasuarina torulosa. Uplands on alluvium. Contains palustrine wetland (e.g. in swales) (BVG1M: 9e)

7.5.1b (8..2ha to be cleared)

OC/E

Eucalyptus tereticornis, E. drepanophylla, E. portuensis, Corymbia intermedia, C. tessellaris, Allocasuarina torulosa, Angophora floribunda woodland to low woodland. Deep weathered soils of uplands (BVG1M: 9d)

7.5.3a (0.00ha to be cleared)

OC/E

Corymbia citriodora, Eucalyptus portuensis, E. drepanophylla, C. intermedia woodland to low woodland with Acacia calyculata and Xanthorrhoea johnsonii. Laterite. (BVG1M: 10b)

7.5.4a (9.21ha to be cleared)

OC/OC

Corymbia intermedia+/- Eucalyptus tereticornis woodland and open forest with Allocasuarina torulosa, A. littoralis, Lophostemon suaveolens, Acacia flavescens, Banksia aquilonia and Xanthorrhoea johnsonii. Weathered soils and laterite of a remnant surface. (BVG1M: 9e)

7.5.4b (10.1ha to be cleared)

OC/OC

Corymbia intermedia, Allocasuarina torulosa, Lophostemon suaveolens woodland and open forest. Laterite. (BVG1M: 9e) 7.5.4c (11.7ha to be cleared)

OC/OC

Corymbia intermedia +/- Eucalyptus tereticornis, +/- Lophostemon suaveolens open forest to low open forest with Allocasuarina torulosa, A. littoralis. Deep weathered soils of basalt origin. (BVG1M: 9e)

7.5.4f (0.2ha to be cleared)

OC/OC

Corymbia intermedia, Allocasuarina torulosa, Lophostemon suaveolens open forest and woodland. Deep weathered soils of basalt origin. (BVG1M: 9e)

7.12.16 (0.0ha to be cleared)

LC/NOC

Simple to complex notophyll vine forest, including small areas of Araucaria bidwillii (Bunya pine). Uplands and highlands on granites and rhyolites, of the cloudy wet to moist rainfall zones. (BVG1M: 6b)

7.12.21b (0.0ha to be cleared)

LC/E

Eucalyptus grandis tall open forest and woodland with a well-developed vine forest understorey. Granites and rhyolites. (BVG1M: 8a)

7.12.29a (0.5ha to be cleared)

LC/NOC

Corymbia intermedia, Eucalyptus tereticornis, E. drepanophylla open forest to low open forest and woodland with Allocasuarina torulosa, A. littoralis, Lophostemon suaveolens, Acacia cincinnata, A. flavescens, Banksia aquilonia and Xanthorrhoea iohnsonii. Uplands, on granite and rhyolite. (BVG1M: 9c)

7.12.29b (33.1ha to be cleared)

LC/NOC

Corymbia intermedia, Allocasuarina torulosa, Lophostemon suaveolens open forest and woodland. Uplands, of the moist rainfall zone, on granite and rhyolite. (BVG1M: 9c)

7.12.30a (14.6ha to be cleared)

I C/NOC

Corymbia citriodora, Eucalyptus portuensis, C. intermedia, Syncarpia glomulifera woodland to low woodland to open forest with Callitris intratropica, Acacia calyculata and Xanthorrhoea johnsonii. Uplands and highlands, of the moist and dry rainfall zones. (BVG1M: 10b)

7.12.34 (5.8ha to be cleared)

LC/NOC

Eucalyptus portuensis and/or E. drepanophylla, +/- C. intermedia open woodland to open forest. Uplands on granite, of the dry rainfall zone. (BVG1M: 9d)

7.12.61a (0.00ha to be cleared)

LC/OC

Eucalyptus tereticornis, Corymbia intermedia, E. reducta, tall open forests and tall woodland with Allocasuarina torulosa. Uplands and highlands on granite and rhyolite, of the moist rainfall zone. (BVG1M: 9c)

7.12.65b (0.00ha to be cleared)

LC/OC

Rock pavement communities of the dry rainfall zone with Eucalyptus lockyeri, Lophostemon confertus, Ficus rubiginosa. (BVG1M: 29b)

7.12.66b (0.1ha to be cleared)

OC/OC

L. confertus shrubland. Exposed rocky slopes on granite and rhyolite.

7.12.66d (0.0ha)

### 3.6 Describe the gradient (or depth range if action is to be taken in a marine area) relevant to the project area

The project footprint area contains foothills, ridgelines and peaks, with an elevation ranging from 660 to 880 metres above sea level. The overall topography of the area can be considered as mildly undulating. Wind turbines are expected to be placed predominately on the higher exposed ridgelines and peaks to maximize the exposure to wind within the project area.

### 3.7 Describe the current condition of the environment relevant to the project area

The project area is currently managed for cattle grazing. Some areas are have been converted to derived pastures in areas close to dwellings. Two powerline easements partly runs through the property in the west. Despite this infrastructure establishment, the majority of the property is covered by remnant vegetation communities.

The project area has been broken down into land zones based on soil type and associated vegetation communities.

Land zone 12 (Granite and Rhyolite soils) covers approximately 50% of the site and is predominantly used as grazing land, the varied elevations and landforms support a greater diversity of habitats compared to other land zones within the project site and there are some refugia pockets that are in good condition due to a lack of standing water the reduces grazing pressure. The majority of this land-zone though supports a low intensity grazing practice and has mild weed incursion throughout.

Land zone 5 covers an extensive proportion of the south west of the project site. Vegetation communities are relatively uniform in structure throughout this land zone being comprised of open forest and woodland with a sparse understorey and grassy ground layer. The relatively higher fertility and water holding capacity of these soils have facilitated the growth of frequent large diameter Eucalyptus tereticornis and Corymbia intermedia present across much of the land zone distribution. The predominant land use of this land zone is for the grazing of cattle. Much of the cattle grazing is concentrated in these areas due to the higher fertility and much lower rock content of the soil. Significant portions of this land zone have been heavily grazed previously. Management of liana and woody weeds has occurred in the western section of the project site. However, in the central section management of weeds has been less effective and a dense thickets of lantana to a height of 2 m is common.

Land zone 3 comprises a minor proportion of the west of the project site occurring as isolated pockets. The elevated fertility and water holding capacity of these soils have facilitated the grow of some very large diameter Eucalyptus tereticornis present across much of the land zone. Within the central north of the project site a small area of RE 7.3.39c occurs as a naturally treeless ephemeral swamp and sedgeland.

The predominant land use of this land zone is for the grazing of cattle. Much of the cattle grazing is concentrated in these areas due to the higher fertility of the accumulating soils. Significant portions of this land zone have been heavily grazed. The understory and ground layer vegetation has largely been transformed to that of a diverse composition of invasive species particularly giant rat's tail grass Sporobolus spp. and Lantana camara. The canopy structure remains intact throughout.

Brigalow Belt - Land zone 12 covers a minor proportion of the west of the project site occurring as isolated pockets. Vegetation communities are uniform in structure throughout this land zone. All vegetation communities comprise RE 11.12.13 a low Eucalyptus exerta woodland with a sparse understorey and grassy ground layer. The low fertility and water holding capacity of these soils have facilitated low open woodland Eucalypt forest. Due to the high presence of rhyolitic surface rock a varying degree of fire refugia is present within this community that likely contributes to a higher diversity of flora in all structural layers. This landzone is accessible for grazing from livestock but due to low fertility and sparse rocky ground layer has only been lightly impacted by cattle .

## 3.8 Describe any Commonwealth Heritage places or other places recognised as having heritage values relevant to the project

No Commonwealth heritage places or places recognized as having heritage values are within the confines of the project area.



# 3.9 Describe any Indigenous heritage values relevant to the project area

Searches of the Aboriginal and Torres Strait Islander Cultural Heritage Database and Register were undertaken on the 10.02.2021.

A search area buffer of 1km was added to the project area

No registered cultural heritage sites were recorded within the project site (Att E MFEP Cultural Heritage.pdf).

# 3.10 Describe the tenure of the action area (e.g. freehold, leasehold) relevant to the project area

The land tenure of the area is freehold (lotplans 18WU6, 21WU4, 57SP237064 and 59SP237064, lotplan 3WG274). Road reserves run through the easement.

# 3.11 Describe any existing or any proposed uses relevant to the project area

The predominant land use within the project footprint area is grazing. Some selective logging has also occurred within the project area. The proposed addition of wind turbines to the cattle property along ridgelines to generate renewable energy is the reason for referral.

# Section 4

### Measures to avoid or reduce impacts

### 4.1 Describe the measures you will undertake to avoid or reduce impact from your proposed action

The current project clearing alignment will remove 94.3ha of vegetation. Of this 94.1ha is considered to be in remnant condition. Only 0.2ha of vegetation within the disturbance footprint is considered to be disturbed non-remnant and or derived pasture.

Clearing

The 94.1 ha of remnant forest needing to be cleared will occur largely for the purpose of establishing the 57 turbine tower pads which are ~0.4ha per pad, and associated access tracks (15m width) which will be positioned along elevated ridgelines to maximize wind capture. A range of mitigation measures are recommended to be implemented to reduce impacts associated with this proposed clearing of remnant vegetation.

Critical to the mitigation measures is the further targeted surveys for several key threatened species to estimate abundance and distributional occurrence relative to the project site boundary. This data will be valuable in reducing impacts to these species by informing micro-siting of turbine pads and associated access tracks prior to finalising the final alignment design. Any offsets deemed to be required will be determined after the final alignment design has had the opportunity to minimize impacts to matters of state and national significance.

The current design minimises impacts to riparian vegetation with all turbine pads being located on top of ridgelines. All associated access tracks will follow ridgelines where possible with any watercourse crossings to be traversed perpendicularly. Erosion and sediment controls will be implemented prior to clearing as detailed in the erosion and sediment control management plan.

Threatened Flora and Fauna management

Greater glider (Vulnerable EPBC)

Pre-clearance:

Suitable den tree surveys will be conducted along the direct footprint to map den trees for avoidance where possible;

Development of a Greater Glider Management Plan attached to the Environmental Management Plan detailing: any micro siting around suitable dens and food trees, adhere to requirements of the code of practice relevant to retaining trees for greater glider; and establishment of artificial dens if required to minimise impact;

Preparation of Weed, Fire, Pest and Habitat Management Plans; and

Preparation and implementation of an Erosion and Sediment Control Plan.

Clearance

Clear buffers mapped and marked out if works are to occur near den sites;

Presence of an onsite ecologist experienced with Greater Glider during all clearance activities in Greater glider sensitive areas;

Installation of constructed, targeted nest box and/or creation of tree hollows by chainsaw excavation if considered appropriate in management plan; and

Implementation of all relevant plans prepared during Pre-clearance.

Operations

On-going population monitoring to ascertain the impact of works on the population;

On-going maintenance of any implemented artificial den sites (nest boxes/ excavated hollows);

On-going implementation of all relevant plans prepared during Pre-clearance.

Greater long-eared horseshoe Bat and Bare-rumped Sheathtail Bat (Vulnerable EPBC)

Pre-clearance:

Development of a BBAMP, including assessment of high-risk conditions/times for microbats if required for turbine operation curtailment;

Preparation and implementation of an Erosion and Sediment Control Plan; and

Preparation of Weed, Fire, Pest and Habitat Management Plans.

Clearance:

Presence of an onsite ecologist during any clearance works in microbat habitat on the site;

Implementation of all relevant plans prepared during Pre-clearance.

Operations:

Implementation of relevant sections of BBAMP (Att D.1 EA part 4, App M BBAMP) - such as monitoring of strike rates and implementation of actions in response as required; and

Implementation of all relevant plans prepared during Pre-clearance.

Corymbia leptoloma Vulnerable EPBC

Pre-clearance:

Further targeted surveys for this species are required within a finalized alignment that accounts for batter clearance width

and finalized quarry alignments;

Preparation of Translocation Plan if individuals located within clearance areas (seed collection undertaken prior to vegetation clearance);

Preparation of Weed Management Plan;

Preparation of a Rehabilitation Plan;

Preparation of Fire MP;

Preparation of Pest MP.

Clearance:

Implementation of Erosion and Sediment Control Plan including installation/maintenance of sediment fences, mulch berms, clean water diversions, land stabilisation and drainage control, batter erosion measures;

Implementation of Weed Management Plan;

Begin rehabilitation works sequentially once construction is completed for a particular clearance area.

Potentially incorporate seedlings from seed collection into rehabilitation areas to maintain no net loss of individuals from the population.

Operations:

Implementation of Erosion and Sediment Control Plan;

Remnant and translocated population monitoring of Corymbia leptoloma to ensure population viability following works.

# 4.2 For matters protected by the EPBC Act that may be affected by the proposed action, describe the proposed environmental outcomes to be achieved

Threatened flora and fauna proposed environmental outcomes

Northern Greater Glider listed as Vulnerable under the EPBC act 1999.

Suitable greater glider habitat is most likely to be within areas of higher nutrient alluvial and laterite soils where large diameter hollow bearing Eucalyptus tereticornis den trees are present. With planned survey works targeting greater gliders it is likely that a more detailed understanding of their site distribution will be determined to assist in mitigation. The proposed project footprint with planned suitable den tree avoidance is not likely to remove significant denning resources. This will be confirmed by mapping all potential den trees (E. grandis and E. tereticornis >65cm DBH). This will inform micrositing of the clearing extent for turbines and roadways. With these mitigation measures it is not expected that this proposal will result in a significant impact on this species.

Bare-rumped sheathtail bat listed as Vulnerable under the EPBC act 1999.

By implementing the mitigation measures raised in the above section 4.1, it it is not expected that clearing of breeding habitat will occur as a result of this proposal. Development of a Bird and Bat adaptive management plan including modifications to turbine start up speeds will be implemented to reduce the likelihood to collide with turbine blades during the operation phase of the proposed wind farm. Development of an effective Bird and Bat Management Plan (Att D.1 EA part 4, App M BBAMP) should reduce the impact of the project development such that it not would result in a significant impact on this species.

Greater long -eared horseshoe Bat listed as Vulnerable under the EPBC act 1999.

By implementing the mitigation measures raised in the above section 4.1, it is not expected that clearing of significant breeding habitat features will occur as a result of this proposal. Development of a Bird and Bat adaptive management plan including modifications to turbine start up speeds will be implemented to reduce the likelihood to collide with turbine blades during the operation phase of the proposed wind farm. Development of an effective Bird and Bat Management Plan should reduce the impact of the project development such that it not would result in a significant impact on this species.

Corymbia leptoloma listed as Vulnerable under the EPBC act 1999. An important population of this species (several hundred individuals) is present within sections of granite and rhyolite derived soils to the east of Ewan Road. It is expected that most individuals would be located outside of the direct clearance area as most individuals are located nearer to creeklines and more sheltered locations. With a comprehensive mapping survey of the population within the proposed clearance it is expected that micrositing will be an important mitigations measure. Collection of seed for propagation and planting into disturbance areas of suitable soils following construction as well as implementing weed management, rehabilitation management, bush fire management and erosion and sediment control plans that a significant impact can be avoided.

Upon advice from the EPBC assessment team we have included a more detailed assessment on the Koala, which incorporates the Habitat Assessment Tool, habitat mapping and historical sightings. This information is located in Section 7.4 and Appendix K of the ecological assessment (Att B.1 EA part2, section 7.4 pg 101).

# Please note that all appendices discussed in the the MFEP Bird and Bat Adaptive Management Plan are provided in the Ecological Report and as supplementary Fauna documentation in Section 3. They were not reuploaded here.

Sec	ction 5
Con	clusion on the likelihood of significant impacts
5.1 Y	You indicated the below ticked items to be of significant impact and therefore you consider the action to be a controlled
actio	on
	World Heritage properties
	National Heritage places
	Wetlands of international importance (declared Ramsar wetlands)
	Listed threatened species or any threatened ecological community
	Listed migratory species
	Marine environment outside Commonwealth marine areas
	Protection of the environment from actions involving Commonwealth land
	Great Barrier Reef Marine Park
	A water resource, in relation to coal seam gas development and large coal mining development
	Protection of the environment from nuclear actions

Commonwealth marine areas

5.2 If no significant matters are identified, provide the key reasons why you think the proposed action is not likely to have a

The proposed action is not considered likely to have a significant impact on any matter under the EPBC act when all mitigation measures recommended in the MFEP Ecological Assessment are undertaken at the planning, construction and operational works phases. Prior to mitigation measures, a potential significant impact is listed for four (4) threatened species listed under the EPBC act. Each species and the required mitigation measures to reduce impacts are provided for each species individually below.

Northern greater glider (petauroides volans minor) Vulnerable

Protection of the environment from Commonwealth actions

☐ Commonwealth Heritage places overseas

The primary mitigation will be further targeted surveys to understand habitat utilization and population distribution to inform micro siting of windfarm infrastructure.

Managing direct clearing impacts by using an ecologist to monitor all vegetation clearance will reduce the likelihood of direct mortality to this species.

Preparation and implementation of an Erosion and Sediment Control Plan; and

significant impact on a matter protected under the EPBC Act and therefore not a controlled action

Preparation of Weed, Fire, Pest and Habitat Management Plans.

(Att C.1 EA part3, App L and Att D.1 EA part4, App L)

Greater Long-eared Horseshoe bat (Vulnerable EPBC) and;

Bare-rumped sheathtail bat (Vulnerable EPBC)

Development of a BBAMP, including assessment of high-risk conditions/times for micro bats if required for turbine operation curtailment:

Managing direct clearing impacts by using an ecologist to monitor all vegetation clearance will reduce the likelihood of direct mortality to this species.

Preparation and implementation of an Erosion and Sediment Control Plan; and

Preparation of Weed, Fire, Pest and Habitat Management Plans.

(Att C.1 EA part3, App L and Att D.1 EA part4, App L)

Corymbia leptoloma (Vulnerable EPBC)

The primary mitigation will be further targeted surveys to understand habitat utilization and population distribution to inform micro siting of windfarm infrastructure.

Preparation and implementation of an Erosion and Sediment Control Plan; and

Preparation of Vegetation, Weed, Fire, Pest and Habitat Management Plans.

(Att C.1 EA part3, App J)



# Section 6

## Environmental record of the person proposing to take the action

6.1 Does the person taking the action have a satisfactory record of responsible environmental management? Explain in further detail

Yes, the person taking the action has a satisfactory record of environmental management. Members of the proponent's development team have helped deliver 14 large-scale renewable utility projects in recent years. Satisfactory completion of these projects required careful and effective environmental management.

As part of another company, both the person taking the action and the designated proponent helped deliver 14 large-scale projects that have all required careful environmental management. These include:

- Granville Harbour WF
- Cattle Hill WF
- Collector WF
- Ararat WF
- Mt Gellibrand WF

They have also received awards for engineering excellence (2014 Tasmanian Engineering Excellence [highly commended], Musselroe Wind Farm) and community engagement (2013 Clean Energy Council Industry Award for Community Engagement, Musselroe Wind Farm).

6.2 Provide details of any past or present proceedings under a Commonwealth, State or Territory law for the protection of the environment or the conservation and sustainable use of natural resources against either (a) the person proposing to take the action or, (b) if a permit has been applied for in relation to the action — the person making the application

action of, (b) if a permit had been applied for in relation to the detect.
There are no past or present proceedings against the person proposing the action or the person making the application.
6.3 If it is a corporation undertaking the action will the action be taken in accordance with the corporation's environmental policand framework?
☐ Yes ☑ No
6.4 Has the person taking the action previously referred an action under the EPBC Act, or been responsible for undertaking an action referred under the EPBC Act?
☐ Yes ☑ No

## Section 7

### Information sources

### Reference source

FOUR ELEMENTS CONSULTING (QLD) PTY LTD (Ecological assessment, BBAMP)

# Reliability

Experienced company specialising in ecological surveys and environmental management and a history of success in impact mitigation for major developments.

## **Uncertainties**

none

### Reference source

PROJECT.e- Pty Ltd

### Reliability

Renewable energy infrastructure specialists.

### Uncertainties

none

### Reference source

GHD Pty Ltd

# Reliability

Experienced company providing a broad scope of services including planning, project management and engineering.

### **Uncertainties**

none

### Reference source

Collaboration Process Utility Pty Ltd

### Reliability

Experienced company specialising in geospatial data collection and analysis, numerical modelling and more.

# Uncertainties

none

# Reference source

Ormes Project Solutions Pty Ltd

## Reliability

Experienced consultants specialising in stakeholder engagement & management, and project management.

### **Uncertainties**

none

### Reference source

NATURE ADVISORY PTY LTD

### Reliability

Experienced company specialising in ecological surveys and environmental management



Uncertainties			
none			



Section 8
Proposed alternatives
Do you have any feasible alternatives to taking the proposed action?
Yes ☑ No



Section 9	
Person proposing the action	
9.1.1 Is the person proposing the action an organisation or business?  ✓ Yes □ No	
Organisation	
Organisation name (as registered for ABN/ACN)	MOUNT FOX ENERGY PARK PTY LTD
Business name	
ABN	39636341627
ACN	
Business address	UNIT 2/35 FLEMING STREET, AITKENVALE, 4814, QLD, Australia
Postal address	
Main Phone number	0429 863 158
Fax	
Primary email address	info@mtfoxenergypark.com.au
Secondary email address	
9.1.2 I qualify for exemption from fees under Regulation 5.23(1)(ii) of the Small business	EPBC Regulations because I am:
✓ Not applicable	
9.1.2.2 I would like to apply for a waiver of full or partial fees under Regu	lation 5.21A of the EPBC Regulations
☐ Yes ☑ No	
9.1.3 Contact (for an organisation - the contact details of the person	on authorised to sign on behalf of the organisation)
First name	Justin
Last name	Couper
Job title	Director
Phone	0429863158
Mobile	0429 863 158
Fax	
Email	justin.couper@projecte.com.au
Primary address	1940 Mathinna Rd, Mathinna, 7214, Tasmania, Australia
Address	
Declaration: Person proposing the action (To be signed by the pe	rson at 9.1.3)
լ. Justin Couper	, declare that
to the best of my knowledge the information I have given on, or attached correct. I understand that giving false or misleading information is a serbehalf or for the benefit of any other person or entity.	to the EPBC Act Referral is complete, current and
Signature: Date:	
Justin Couper	, the person
	rgy Park Pty Ltd as the proponent for the
Signature: Date: 20/05/21	



Proposed designated proponent		
9.2.1 Is the proposed designated proponent an organisation or busin	ess?	
✓ Yes		
Organisation		
Organisation name (as registered for ABN/ACN)	MOUNT FOX ENERGY PARK PTY LTD	
Business name		
ABN	39636341627	
ACN		
Business address	UNIT 2/35 FLEMING STREET, Aitkenvale, 4814, QLD, Australia	
Postal address		
Main Phone number	0429 863 158	
Fax		
Primary email address	info@mtfoxenergypark.com.au	
Secondary email address		
9.2.2 Contact (for an organisation - the contact details of the pe		
First name	Justin	
Last name	Couper	
Job title	Director	
Phone	+0429 863 158	
Mobile	0429 863 158	
Fax		
Email	justin.couper@projecte.com.au	
Primary address	1940 Mathinna Rd, Mathinna, 7214, TAS, Australia	
Address		
Declaration: Proposed Designated Proponent		
ı, Justin Couper	,the	
proposed designated proponent, consent to the designation of		
myself as the proponent for the purposes of the action described in	this EPBC Act Referral.	
Signature: Date: _20/05/21		
f		



Referring party (person preparing the information)		
9.3.1 Is the referring party an organisation or a business?		
✓ Yes    No		
Organisation		
Organisation name (as registered for ABN/ACN)	FOUR ELEMENTS CONSULTING (QLD) PTY LTD	
Business name	4 Elements Consulting	
ABN	51617130079	
ACN		
Business address	107 Scott St, Bungalow, 4870, QLD, Australia	
Postal address		
Main Phone number	07 4050 4644	
Fax		
Primary email address	admin@4elementsconsulting.com.au	
Secondary email address		
9.3.2 Contact (for an organisation - the contact details of the personal	on authorised to sign on behalf of the organisation)	
First name	Mellissa	
Last name	Brown	
Job title	Director/Principal Ecologist	
Phone	07 4050 4644	
Mobile		
Fax		
Email	mel@4elementsconsulting.com.au	
Primary address	107 Scott St, Bungalow, 4870, QLD, Australia	
Address		
Declaration: Referring party (person preparing the information)		
I, Mellissa Brown, declare that to the best of my knowledge the infor Referral is complete, current and correct. I understand that giving false		
Signature:		

Appendix A	
Attachment	
Document Type	File Name
action_area_images	MSES Essential Habitat.kmz
action_area_images	MET Masts.kmz
action_area_images	Roads.kmz
action_area_images	Operational hardstand footprint.kmz
action_area_images	Turbines.kmz
action_area_images	Temporary works footprint.kmz
action_area_images	Project Map.kmz
action_area_images	Site footprint.pdf
supporting_tech_reports	NOT PUBLISHED - SUPERSEDED Att A MFEP Mt Fox Ecological Assessment Report Part1.pdf
supporting_tech_reports	NOT PUBLISHED - SUPERSEDED Att B MFEP Ecological Assessment Report Part2.pdf
supporting_tech_reports	NOT PUBLISHED - SUPERSEDED Att C MFEP Ecological Assessment Report Part 3 .pdf
supporting_tech_reports	NOT PUBLISHED - SUPERSEDED Att C MFEP Cultural Heritage.pdf
supporting_tech_reports	Att A.1 Ecological Assessment Part1.pdf
supporting_tech_reports	Att B.1 Ecological Assessment Part2.pdf
supporting_tech_reports	Att C.1 Ecological Assessment Part3.pdf
supporting_tech_reports	Att D.1 Ecological Assessment Report Part4.pdf
supporting_tech_reports	Att E MFEP Cultural Heritage.pdf
flora_fauna_investigation	NOT PUBLISHED - SUPERSEDED Att C MFEP Bird Utilisation.pdf
flora_fauna_investigation	NOT PUBLISHED - SUPERSEDED Att D MFEP Bat NA Report .pdf
hydro_investigation_files	NOT PUBLISHED - SUPERSEDED Att E MFEP Surface Water Statement.pdf
hydro_investigation_files	Att F Surface Water Statement.pdf
impact_reduction_docs	NOT PUBLISHED - SUPERSEDED Att G MFEP Fauna Management Plan.pdf
impact_reduction_docs	NOT PUBLISHED - SUPERSEDED Att H MFEP Vegetation Management Plan.pdf
impact_reduction_docs	NOT PUBLISHED - SUPERSEDED Att F Bird and Bat Adaptive Management Plan MFEP .pdf
trust-deed	NOT PUBLISHED - SUPERSEDED MFEP Section 9 Signature pages signed.pdf

trust-aeea	NOT PUBLISHED
Appendix B	
Coordinates	
Area 1	
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