



APPROVAL

Dulacca Renewable Energy Project, Dulacca, QLD, (EPBC 2018/8368)

This decision is made under sections 130(1) and 133(1) of the *Environment Protection and Biodiversity Conservation Act 1999 (Cth)*. Note that section 134(1A) of the **EPBC Act** applies to this approval, which provides in general terms that if the approval holder authorises another person to undertake any part of the action, the approval holder must take all reasonable steps to ensure that the other person is informed of any conditions attached to this approval, and that the other person complies with any such condition.

Details

Person to whom the approval is granted (approval holder)	RES Australia Pty Ltd
ACN or ABN of approval holder	ABN 55 106 637 754
Action	To construct and operate a wind farm and associated infrastructure, approximately 7 km east of the township of Dulacca, in the Western Downs Regional Council Local Government Area, Queensland. [See EPBC Act referral 2018/8368]

Approval decision

My decisions on whether or not to approve the taking of the action for the purposes of each controlling provision for the action are as follows.


Controlling Provisions

Listed Threatened Species and Communities	
Section 18	Approve
Section 18A	Approve
Listed migratory species	
Section 20	Approve
Section 20A	Approve

Period for which the approval has effect

This approval has effect until 1 August 2055.

Decision-maker

Name and position	Andrew McNee Assistant Secretary Environment Assessments Queensland and Sea Dumping Branch Department of Agriculture, Water and the Environment
Signature	
Date of decision	21 August 2020

Conditions of approval

This approval is subject to the conditions under the EPBC Act as set out in ANNEXURE A.



ANNEXURE A – CONDITIONS OF APPROVAL

Part A – Conditions specific to the action

Maximum clearing limits

1. To minimise impacts to the **Dulacca Woodland Snail**, the approval holder must not **clear** more than a total of 1.49 hectares (ha) of **Dulacca Woodland Snail habitat**, and this clearing must be in the **Key impact areas for Dulacca Woodland Snail habitat** within the **project area**.
2. The approval holder must undertake pre-clearance surveys of all areas to be **cleared**, to identify any **protected matters**, prior to undertaking **clearing**. All pre-clearance surveys must be undertaken by a **suitably qualified ecologist** and undertaken in accordance with the **Department's survey guidelines**.
3. Prior to the **commencement of the action**, the approval holder must publish a Final Layout Plan showing in detail the final layout of the action within the **project area**. The Final Layout Plan must specify the extent (in hectares) and locations of all **protected matters** and/or their habitat. The Final Layout Plan must demonstrate that the proposed placement of infrastructure has avoided **impacts on protected matters** as informed by pre-clearance surveys and the advice of a **suitably qualified ecologist**. The Final Layout Plan must remain published on the **website** for the period this approval has effect.
4. The approval holder must not **construct** more than 43 wind turbines within the **project area**. Each turbine must not exceed 250 metres (m) tip height, as specified in the **Preliminary documentation**.

Project area

5. The approval holder must implement the **Vegetation and Fauna Management Plan** within 10 m of any area disturbed as part of the action shown in the Final Layout Plan for the duration of this approval. In particular, the approval holder must:
 - a. prior to the **commencement of the action**, undertake **weed** management control across all areas within the **project area** subject to disturbance;
 - b. during the **construction**, undertake **weed** management control across all areas within the **project area** subject to disturbance to promptly suppress outbreaks;
 - c. upon the cessation of disturbance, undertake **weed** control within disturbed areas until such time that **weed** presence in these areas cannot be attributed to disturbance associated with **construction** activities; and
 - d. undertake **weed** management and control within 1 m of any **project infrastructure** at ground level for the rest of the period of effect of this approval. The weed management and control must minimise the risk of and potential for **weed** cover occurring, suppress any outbreak that occurs, and remove any **weeds** that may occur.
6. To minimise risk of injury or mortality of **EPBC Act listed threatened species** and **EPBC Act listed migratory species** as a result of turbine strike within the **project area**, the approval holder must implement the **Bird and Bat Management Plan (BBMP)** for the duration of this approval. In particular, the approval holder must engage a **suitably qualified ecologist** to undertake:
 - a. bird and bat utilisation surveys over a period of at least 24 months (or another timeframe agreed to in writing by the **Department**) prior to the **first full operation**, including at least two surveys undertaken at or adjacent to survey points and reference sites (as identified in the **BBMP**) over at least one wet season and one dry season in succession;



- b. bird and bat utilisation surveys over a period of at least 24 months commencing within 3 months after **first full operation**, including at least one survey undertaken at or adjacent to survey points and reference sites (as identified in the **BBMP**) over at least two wet seasons and two dry seasons in succession; and
 - c. **turbine strike monitoring** in accordance with the **BBMP** at monitoring sites identified in the **BBMP**, and at all **high-risk turbines** identified as required under condition 9, for a minimum of 24 contiguous months within 30 months after **first full operation**.
7. The approval holder must conduct at least one survey for the presence of the **White-throated Needletail** and **Fork-tailed Swift** and in respect of each species, in each 12-month period of bird and bat utilisation surveys (as required under condition 6) during the **migratory periods** of the **White-throated Needletail** and **Fork-tailed Swift**.
8. The approval holder must report on the results of the bird and bat utilisation surveys required under condition 6 in each annual **compliance report** required under condition 27 until all bird and bat utilisation surveys have been completed and so reported.
9. To inform **turbine strike monitoring**, the approval holder must engage a **suitably qualified ecologist** to:
 - a. assign a **risk profile** to each turbine within the **project area** prior to **first full operation** using the results of the bird and bat utilisation surveys required under condition 6(a); and
 - b. re-assign a turbine to be a **high-risk turbine** within five **business days** if, during the bird and bat utilisation surveys required under condition 6(a), or any other monitoring or incidental observation during **operation**, one or more individual/s of an **EPBC Act listed threatened species** or **EPBC Act listed migratory species** is detected within the **vicinity** of that turbine.
10. Upon completion of the bird and bat utilisation surveys required under condition 6, the approval holder must engage a **suitably qualified ecologist** to revise the **BBMP** to include the following:
 - a. the results of the bird and bat utilisation surveys required under condition 6;
 - b. the **risk profile** of each turbine within the **project area**; and
 - c. any additional or improved **mitigation measures** (including timing, frequency and longevity) that will be implemented to ensure that **impacts** on **EPBC Act listed threatened species** and **EPBC Act listed migratory species** are minimised.

The revision of the **BBMP** must be completed within 3 months of the completion of the bird and bat utilisation surveys required under condition 6.

Note: Condition 25 specifies when the revised **BBMP** must be published on the **website**.

11. The approval holder must implement the revised **BBMP** revised in accordance with condition 10 from the date that the revised **BBMP** is published on the **website**. If subsequently the revised **BBMP** is revised under s143 of the **EPBC Act**, the approval holder must implement the revised **BBMP** revised under s143 of the **EPBC Act** from the date the revised **BBMP** is approved by the **Minister**.
12. If an **impact trigger** is reached or exceeded, the approval holder must provide a report to the **Minister** on the steps taken and outcomes of implementing the relevant commitments in the **adaptive management framework** in the first annual **compliance report** required under condition 27 that follows each instance of reaching or exceedance of an **impact trigger** and/or the



implementation of **mitigation measures**. Each such report must include details of the **mitigation measures** that have been or will be implemented and an assessment of their likely effectiveness.

13. If the **Minister** writes to the approval holder stating that he/she considers that the **mitigation measures** will not prevent further reaching or exceedance of an **impact trigger**, then the approval holder must curtail the operation of any wind turbine that presents an ongoing risk of reaching or exceeding an **impact trigger** within an identified **period of risk** to the **impacted EPBC Act listed threatened species** or **EPBC Act listed migratory species** until such time as alternate **mitigation measures** can be identified to support the ongoing operation of the turbine. Where **mitigation measures** cannot be identified, the approval holder must engage a **suitably qualified person** to develop a species-specific **curtailment** protocol for the turbine to allow the turbine to be operated for periods outside of identified **period of risk** to the **impacted** species.
14. Any request to the **Minister** by the approval holder to cease or reduce a **curtailment** required under condition 13 must include an **evidence-based** assessment by a **suitably qualified ecologist** demonstrating how the ceasing or reducing of the **curtailment** will not reasonably be expected to result in any subsequent reaching or exceedance of an **impact trigger**.

Environmental Offsets

15. To compensate for the **clearance** of 1.49 ha of **Dulacca Woodland Snail habitat**, the approval holder must:
 - a. secure a legal agreement with the landowner to protect at least 3 ha of the **Hermitage Property Offset area** as described in the **Biodiversity Offset Plan (BOP)**, prior to the **commencement of the action**. The approval holder must ensure the **Hermitage Property Offset area** is **legally secured** within 6 months of the **commencement of the action**;
 - b. provide the **Department** with written evidence demonstrating that the **Hermitage Property Offset area** has been **legally secured**, and **shapefiles** of the offset attributes of the **Hermitage Property Offset Area**, within 20 **business days** of **legally securing** the **Hermitage Property Offset area**; and
 - c. allow grazing on the **Hermitage Property Offset area** only between the months of April and October in any year if and when grass cover exceeds 60% and 850 kg/ha pasture biomass and only allow low to moderate grazing, for the purposes of fuel reduction. To prevent **impacts** to regeneration, the approval holder must not allow grazing at any other time.
16. The approval holder must implement the **BOP** at the **Hermitage Property Offset area** for the duration of the approval to restore **Dulacca Woodland Snail habitat** to the BioCondition attribute targets prescribed within the **BOP**.
17. The approval holder must achieve the following BioCondition attributes across the **Hermitage Property Offset area** by the end of **year 10** and subsequently maintain or exceed these attributes within the **benchmark** for **Regional Ecosystem 11.9.1** for the remainder of the period of effect of the approval:
 - a. average recruitment of dominant canopy species greater than 75% of the **benchmark** for **Regional Ecosystem 11.9.1**;
 - b. average native plant species richness at >25% to 90% of the **benchmark** for **Regional Ecosystem 11.9.1**;
 - c. tree canopy median height of greater than 40% of the **benchmark** height (>6 m);



- d. average tree canopy cover >50% or ≤200% of the **benchmark** for **Regional Ecosystem** 11.9.1;
 - e. average native perennial grass cover at ≥25% or <50% of the **benchmark** for **Regional Ecosystem** 11.9.1;
 - f. non-native plants comprise less than 5% of vegetation cover;
 - g. the abundance of non-native species is no greater than baseline levels; and
 - h. **species stocking rate** of the **Dulacca Woodland Snail** increased from baseline by 50% of the **modelled quality scenario with offset** as described in the **BOP**.
18. The approval holder must engage a **suitably qualified ecologist** to complete an assessment of the **Hermitage Property Offset area** within 3 months after the end of each of **year 5, year 10, year 15** and **year 20**. Each assessment must set out the opinion of the **suitably qualified ecologist** and provide the evidence on which the opinion is based, as to whether the BioCondition attributes specified in the **BOP** in respect of the particular period (including, for **year 10**, those required under condition 17) have been achieved and, in respect of subsequent periods, are likely to be achieved. The findings of each assessment must be published on the **website** within 1 month of completion and provided to the **Department** within five (5) **business days** of being published on the **website**.
19. If any of the BioCondition attributes specified in the **BOP** and under condition 17 in respect of **Year 10** have not been met at the end of **Year 10**, or the **suitably qualified ecologist** has advised that any BioCondition attributes required for the subsequent periods is not likely to be achieved by the end of **Year 10**, the approval holder must, within 6 months of the end of **Year 10**, submit a revised version of the **BOP** to the **Department** for the **Minister's** approval, revised on the advice of the **suitably qualified ecologist** and including:
- a. details of the potential or actual cause(s) of the non-achievement of required BioCondition attributes;
 - b. details of the corrective action/s that the approval holder commits to undertake in order to achieve all outstanding BioCondition attributes;
 - c. an assessment of the likely effectiveness of the proposed corrective action/s;
 - d. proposed timeframes for reporting to the **Department** the results of implementing of the corrective actions; and
 - e. contingency measures that will be implemented if monitoring suggests that the corrective action/s are not being effective.
20. If a revised version of the **BOP** has not been approved by the **Minister** within 12 months of the end of **Year 10**, the approval holder must cease the action until a revised version of the **BOP** is approved by the **Minister**.

Note: The **Department** will, within 6 weeks of receiving the revised **BOP**, provide the approval holder written comments detailing any changes that the **Department** considers need to be made to the revised **BOP** before it can recommend approval of the revised **BOP** to the **Minister** (or delegate of the **Minister**).



Part B – Standard administrative conditions

Notification of date of commencement of the action

21. The approval holder must notify the **Department** in writing of the date of **commencement of the action** within 10 **business days** after the date of **commencement of the action**.
22. If the **commencement of the action** does not occur within 5 years from the date of this approval, then the approval holder must not **commence the action** without the prior written agreement of the **Minister**.

Compliance records

23. The approval holder must maintain accurate and complete **compliance records**.
24. If the **Department** makes a request in writing, the approval holder must provide electronic copies of **compliance records** to the **Department** within the timeframe specified in the request, or another timeframe agreed to in writing by the **Department** subsequent to the receipt of a written request from the approval holder.

Note: Compliance records may be subject to audit by the **Department** or an **independent** auditor in accordance with section 458 of the **EPBC Act**, and or used to verify compliance with the conditions. Summaries of the result of an audit may be published on the **Department's** website or through the general media.

Preparation and publication of plans

25. The approval holder must:
 - a. submit **plans** electronically to the **Department**;
 - b. publish each **plan** on the **website** within 20 **business days** of the date of this approval, or of the date that the **plan** is revised or, if required, approved by the **Minister**, unless otherwise agreed to in writing by the **Minister**;
 - c. exclude or redact **sensitive ecological data** from **plans** published on the **website** or provided to a member of the public; and
 - d. keep **plans** published on the **website** until the end date of this approval.
26. The approval holder must ensure that any **monitoring data** (including **sensitive ecological data**), surveys, maps, and other spatial and metadata required under a **plan** and conditions of this approval, is prepared in accordance with the **Department's Guidelines for biological survey and mapped data** (2018) and submitted electronically to the **Department** in accordance with the requirements of the **plan** and conditions.

Annual compliance reporting

27. The approval holder must prepare a **compliance report** for each 12-month period following the date of **commencement of the action**, or otherwise in accordance with an annual date that has been agreed to in writing by the **Minister**. The approval holder must:
 - a. publish each **compliance report** on the **website** within 60 **business days** following the relevant 12-month period;
 - b. notify the **Department** by email that a **compliance report** has been published on the **website** and provide the weblink for the **compliance report** within five **business days** of the date of publication;
 - c. keep all **compliance reports** publicly available on the **website** until this approval expires;



- d. exclude or redact **sensitive ecological data** from **compliance reports** published on the **website**; and
- e. where any **sensitive ecological data** has been excluded from the version published, submit the full **compliance report** to the **Department** within 5 **business days** of publication.

Note: **Compliance reports** may be published on the **Department's** website.

Reporting non-compliance

28. The approval holder must notify the **Department** in writing of any: **incident**; non-compliance with the conditions; or non-compliance with the commitments made in **plans**. The notification must be given as soon as practicable, and no later than two **business days** after becoming aware of the **incident** or non-compliance. The notification must specify:
 - a. any condition which is or may be in breach;
 - b. a short description of the **incident** and/or non-compliance; and
 - c. the location (including co-ordinates), date, and time of the **incident** and/or non-compliance. In the event the exact information cannot be provided, provide the best information available.
29. The approval holder must provide to the **Department** the details of any **incident** or non-compliance with the conditions or commitments made in **plans** as soon as practicable and no later than 10 **business days** after becoming aware of the **incident** or non-compliance, specifying:
 - a. any corrective action or investigation which the approval holder has already taken or intends to take in the immediate future;
 - b. the potential **impacts** of the **incident** or non-compliance; and
 - c. the method and timing of any remedial action that will be undertaken by the approval holder.

Independent audit

30. The approval holder must ensure that **independent audits** of compliance with the conditions are conducted as requested in writing by the **Minister**.
31. For each **independent audit**, the approval holder must:
 - a. provide the name and qualifications of the independent auditor and the draft audit criteria to the **Department**;
 - b. only commence the **independent audit** once the audit criteria have been approved in writing by the **Department**; and
 - c. submit an audit report to the **Department** within the timeframe specified in the approved audit criteria.
32. The approval holder must publish the audit report on the **website** within 10 **business days** of receiving the **Department's** approval of the audit report and keep the audit report published on the **website** until the end date of this approval.

Completion of the action

33. Within 30 **business days** after the **completion of the action**, the approval holder must notify the **Department** in writing and provide **completion data**.



Part C - Definitions

Adaptive management framework means the steps to be implemented as a result of an **impact trigger** being met, as specified within the **BBMP**.

Benchmark means the quantitative value for the relevant BioCondition attribute specified for each **Regional Ecosystem** by the Queensland Herbarium, as described in *the BioCondition Benchmarks for the Brigalow Belt Bioregion (10/1/2019)* or a subsequent version approved by the Queensland Government).

Biodiversity Offset Plan (BOP) means the *Dulacca Renewable Energy Project – Biodiversity Offset Plan* dated 28 May 2020, or a subsequent and current version approved by the **Minister**.

Bird and Bat Management Plan (BBMP) means the *Dulacca Renewable Energy Project – Bird and Bat Management Plan* dated May 2020.

Business day means a day that is not a Saturday, a Sunday or a public holiday in the state or territory of the action.

Clear/cleared/clearing/clearance means the cutting down, felling, thinning, logging, removing, killing, destroying, poisoning, ringbarking, uprooting or burning of vegetation (but not including **weeds** – see the *Australian weeds strategy 2017 to 2027* for further guidance).

Commencement of the action/commence the action means the first instance of any specified activity associated with the action including **clearing** and **construction**. **Commencement of the action/commence the action** does not include minor physical disturbance necessary to:

- (a) undertake geotechnical surveys, pre-clearance surveys, monitoring programs, and weed management activities under condition 5(a);
- (b) install signage and/or temporary fencing to prevent unapproved use of the project site (as defined in the **preliminary documentation**); and
- (c) protect environmental and property assets from fire, **weeds** and pests, including maintenance or use of existing surface access tracks.

Completion of the action means the time at which all approved conditions have been fully met.

Completion data means an environmental report and spatial data information clearly detailing how the conditions of this approval have been met. The **Department's** preferred spatial data format is **shapefile**. This includes, but is not limited to the:

- (a) area of each **EPBC Act listed migratory species** and **EPBC Act listed threatened species** habitat **cleared**; and
- (b) quality of each **EPBC Act listed migratory species** and **EPBC Act listed threatened species** habitat in the offset area at the end date of this approval.

Compliance records means all documentation or other material in whatever form required to demonstrate compliance with the conditions of approval in the approval holder's possession or that are within the approval holder's power to obtain lawfully.

Compliance report/s means written reports:

- (a) providing accurate and complete details of compliance, **incidents**, and non-compliance with the conditions and **plans**;
- (b) consistent with the **Department's Annual Compliance Report Guidelines (2014)** (or



subsequent revision) for annual compliance reports;

- (c) include a **shapefile** of any **impact** on any habitat for **EPBC Act listed threatened species** and **EPBC Act listed migratory species** undertaken within the relevant 12-month period; and
- (d) identifying the version/s of the **plans** prepared and in existence in relation to the conditions of this approval during the relevant 12-month period.

Construct/ion/ed means the erection of a building or structure that is or is to be fixed to the ground and wholly or partially fabricated on-site; the alteration, maintenance, repair or demolition of any building or structure; preliminary site preparation work which involves breaking of the ground; the laying of pipes and other prefabricated materials in the ground, and any associated excavation work; but excluding geotechnical surveys, pre-clearance surveys, the installation of temporary fences and signage, and measures required to protect environmental and property assets from fire, weeds and pests, including maintenance or use of existing surface access tracks.

Curtail/curtailment means the temporary stopping of an individual wind turbine where additional **mitigation measures** will not prevent further reaching or exceedance of an **impact trigger** for an **EPBC Act listed migratory species** or **EPBC Act listed threatened species** at the turbine during an identified **period of risk** and where additional **mitigation measures** are not immediately available to address the risk of the **impact trigger** being again reached or exceeded.

Department means the Australian Government agency responsible for administering the **EPBC Act**.

Department's survey guidelines mean the **Department's** approved Survey Guidelines for Nationally Threatened Species.

Dulacca Woodland Snail means the Dulacca Woodland Snail (*Adclarkia dulacca*) listed as a threatened species under the **EPBC Act**.

Dulacca Woodland Snail habitat means any vegetation that provides habitat suitable for the **Dulacca Woodland Snail**, including the **Regional Ecosystem** 11.9.1, or as described in the *Conservation Advice Adclarkia dulacca Dulacca woodland snail* (2016). **Dulacca Woodland Snail habitat** within the **project area** is shown in **Appendix B**.

EPBC Act means the *Environment Protection and Biodiversity Conservation Act 1999* (Cth).

EPBC Act listed migratory species means the migratory fauna species listed under the **EPBC Act** for which this approval has effect, including:

- (a) Fork-tailed Swift (*Apus pacificus*); and/or
- (b) White-throated Needletail (*Hirundapus caudacutus*).

EPBC Act listed threatened species means the threatened flora and fauna species listed under the **EPBC Act** for which this approval has effect, including:

- (a) Dulacca Woodland Snail (*Adclarkia dulacca*); and/or
- (b) White-throated Needletail (*Hirundapus caudacutus*).

Evidence-based means an approach that emphasises the practical application of the findings of the best available current research. It can include the data, reports, records, modelling, protocols, standards, methods or **mitigation measures**, literature or other information supporting the demonstration of compliance and/or avoidance or minimisation of an **impact**.



First full operation means the first date the electricity network operator allows all Dulacca Renewable Energy Project wind turbines to simultaneously operate and export electricity up to the maximum output.

Fork-tailed Swift means the Fork-tailed Swift (*Apus pacificus*) listed as a migratory species under the EPBC Act.

Hermitage Property Offset area means the offset site proximate to the **project area** that contains suitable values and can wholly and effectively accommodate the offset obligation, as specified in the BOP.

High-risk turbine means any turbine that any **EPBC Act listed threatened species** or **EPBC Act listed migratory species** have been detected within the **vicinity** of the turbine where the turbine does not meet the definition of a **low-risk turbine**. A **high-risk turbine** may be downgraded to a **low-risk turbine** if no **EPBC Act listed threatened species** or **EPBC Act listed migratory species** are detected within the **vicinity** of the turbine for a minimum of two years.

Impact/s/ed (verb) means to cause any measurable direct or indirect disturbance or harmful change as a result of any activity associated with the action. **Impact** (noun) means any measurable direct or indirect disturbance or harmful change as a result of any activity associated with the action.

Impact trigger means one (1) identified **EPBC Act listed threatened species** or **EPBC Act listed migratory species** (or recognisable parts thereof) evidently killed by turbine strike in the **project area**.

Incident means any event which has the potential to, or does, **impact** on any **protected matter**.

Independent means a person(s) that does not have an individual or by employment or family affiliation, any conflicting or competing interests with the approval holder; the approval holder's staff, representatives or associated persons; or the project, including any personal, financial, business or employment relationship, other than receiving payment for undertaking the role for which the condition requires an independent person.

Independent audit/s means an audit conducted by an **independent** and **suitably qualified person** as detailed in the *EPBC Act Independent audit and Audit Report Guidelines* (2015), or subsequent revision.

Key impact areas for Dulacca Woodland Snail habitat means the 7 areas marked with red cross-hatching and designated as 'Key Impact Area' as shown in **Appendix B**.

Legally secure/d/ing means to secure a legal agreement under relevant Queensland legislation, in relation to a site, to provide enduring protection for the site against development incompatible with conservation.

Low-risk turbine means any turbine that has been assigned as a **low-risk turbine** if **EPBC Act listed threatened species** or **EPBC Act listed migratory species** have not been detected within the **vicinity** of the turbine for a minimum of two years.

Migratory period means each period during which either the **White-throated Needletail** or the **Fork-tailed Swift** are likely to be present in Australia, as described in the *Conservation Advice* *Hirundapus caudacutus White-throated Needletail* (2019) (or the subsequent currently authorised version) and the Species Profile and Threats Database (SPRAT) profile for the Fork-tailed Swift *Apus pacificus*.

Minister means the Australian Government Minister administering the **EPBC Act** including any delegate thereof.

Mitigation measures means measures developed by the proponent to mitigate any potential or additional reaching or exceeding of **impact triggers**.



Monitoring data means the data required to be recorded under the conditions of this approval.

Modelled quality scenario with offset means the modelled quality scenario with offset predicted results and associated scores as listed in Appendix C of the **BOP**.

Operation means all activities required to facilitate the generation of electricity from the wind farm occurring subsequent to the **first full operation** of the wind farm.

Period of risk means each period during which either the **White-throated Needle-tail** or the **Fork-tailed Swift** are likely to be present relevant to the **project area**, as described in the *Conservation Advice Hirundapus caudacutus White-throated Needle-tail* (2019) (or the subsequent currently authorised version) and the Species Profile and Threats Database (SPRAT) profile for the Fork-tailed Swift *Apus pacificus*, and as supported by the findings of utilisation surveys conducted in accordance with conditions 6 & 7.

Plan/s means any of the documents required to be submitted to the Department, implemented by the approval holder and/or **published** on its **website** in accordance with these conditions.

Preliminary documentation means the Dulacca Renewable Energy Project EPBC 2018/8368 - Preliminary documentation, dated 29 May 2020.

Project area means the total area where the **construction** and **operation** of the action will be undertaken, labelled as 'study area' in **Appendix A**.

Project infrastructure means any building, structure, fencing, access track, hardstand, laydown area **constructed** or upgraded as part of the wind farm and necessary to support the **operation** of the project.

Protected matter/s means a matter protected under a controlling provision in Part 3 of the **EPBC Act** for which this approval has effect.

Publish/ed/ing means make publicly available on the **website** for the duration of this approval.

Regional Ecosystem means a vegetation community in a bioregion that is consistently associated with a particular combination of geology, landform and soil as classified by the Queensland Government under the *Vegetation Management Act 1999* (Qld).

Risk profile means the risk of an individual wind turbine having an **impact** on an **EPBC Act listed threatened species** or **EPBC Act listed migratory species**.

Sensitive ecological data means data as defined in the Australian Government Department of the Environment *Sensitive ecological data – Access and Management Policy V1.0* (2016), or subsequent revision.

Shapefile means location and attribute information of the action provided in an Esri shapefile format. Shapefiles must contain '.shp', '.shx', '.dbf' files and a '.prj' file that specifies the projection/geographic coordinate system used. Shapefiles must also include an '.xml' metadata file that describes the shapefile for discovery and identification purposes.

Species stocking rate means the usage and/or density of the **Dulacca Woodland Snail** at the **Hermitage Property Offset area** as identified within the modelled offset quality scenarios within the **BOP**.

Suitably qualified ecologist means a person who has professional qualifications and at least three years of work experience designing and implementing surveys for the **EPBC Act listed threatened species** and/or **EPBC Act listed migratory species** and their habitat, and can give an authoritative



independent assessment and advice on the presence and habitat requirements of the **EPBC Act listed threatened species** and/or **EPBC Act listed migratory species** using relevant protocols, standards, methods and/or literature.

Suitably qualified person means a person who has professional qualifications, training, skills and/or experience related to the nominated subject matter and can give authoritative **independent** assessment, advice and analysis on performance relative to the subject matter using the relevant protocols, standards, methods and/or literature.

Turbine strike monitoring means the formal carcass searches as specified within the **BBMP**.

Vegetation and Fauna Management Plan means the *Dulacca Renewable Energy Project – Vegetation and Fauna Management Plan* dated 26 May 2020.

Vicinity means within a 350-metre radius of the turbines.

Website means a set of related web pages located under a single domain name attributed to the approval holder and available to the public.

Weed means the invasive weeds specified in the **Vegetation and Fauna Management Plan**.

White-throated Needletail means the White-throated Needletail (*Hirundapus caudacutus*) listed as a listed threatened and migratory species under the **EPBC Act**.

Year 5 means the period within five years from the date of the **commencement of the action**.

Year 10 means the period within ten years from the date of the **commencement of the action**.

Year 15 means the period within fifteen years from the date of the **commencement of the action**.

Year 20 means the period within twenty years from the date of the **commencement of the action**.

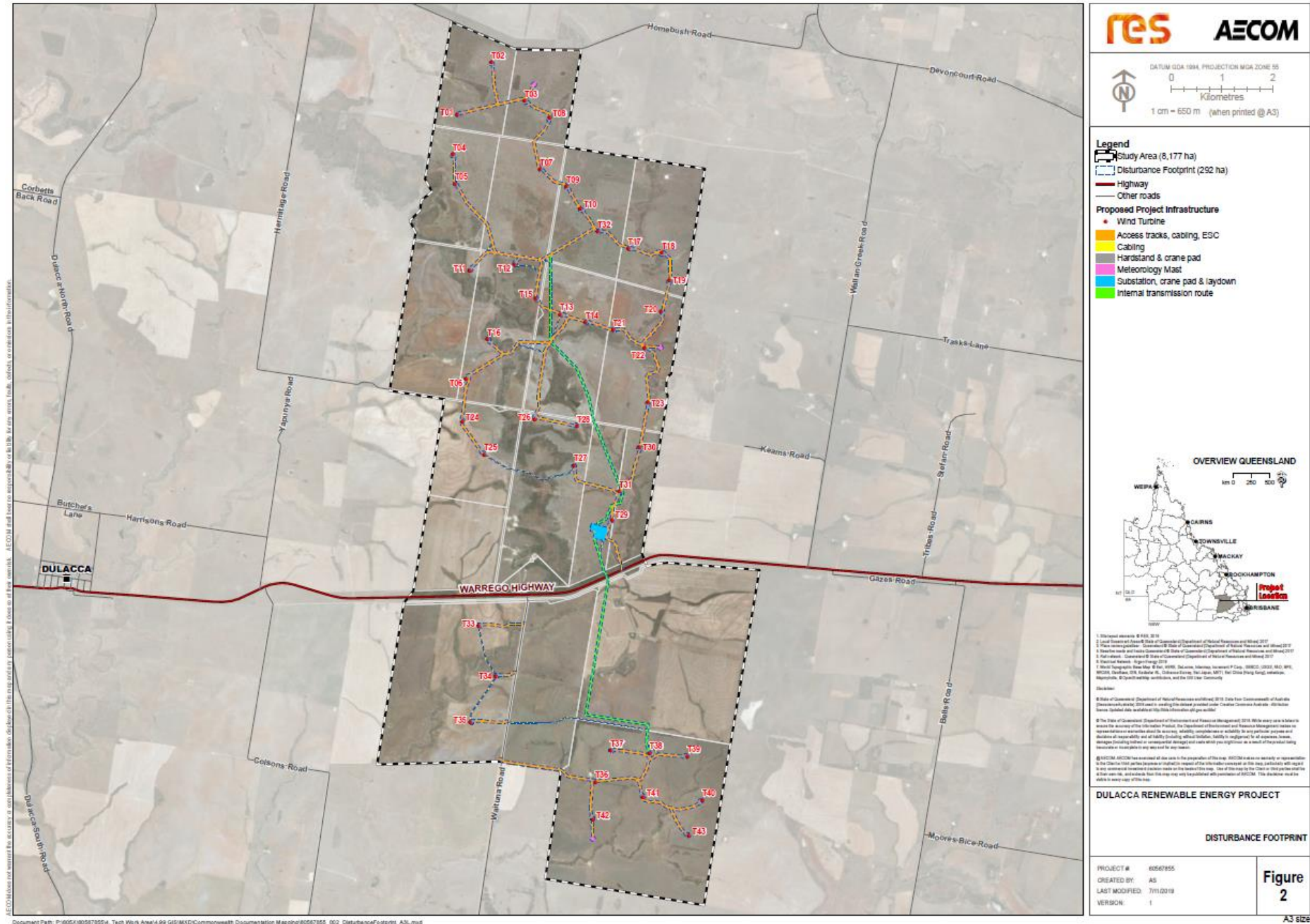


Figure 1: Project area (labelled as 'Study Area')

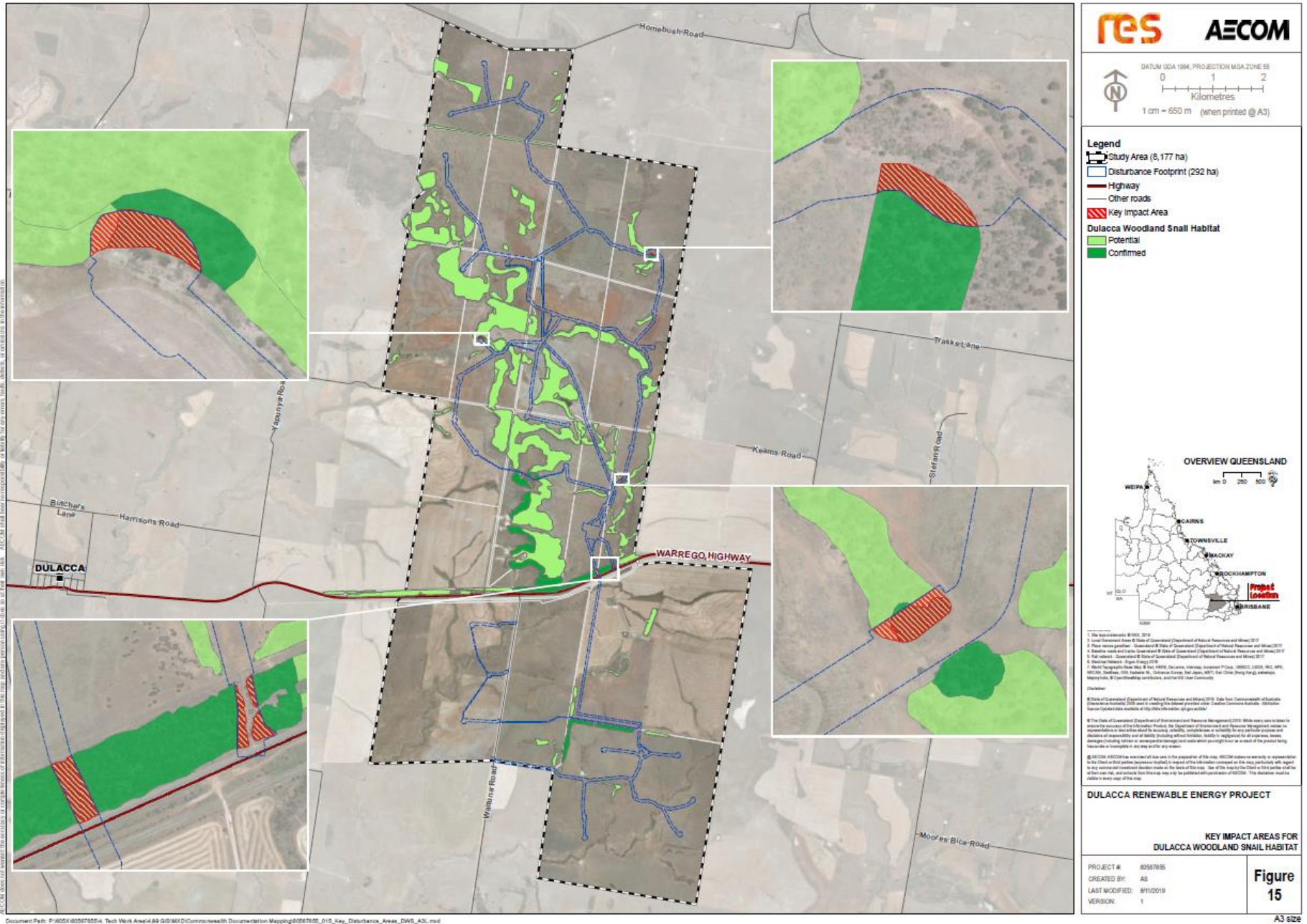


Figure 2: Dulacca Woodland Snail Habitat clearing limit (labelled as 'Key Impact Area') within the project area (labelled as 'Study Area')