


Form

Referral of a proposal under s. 38 of the EP Act

PART A: PROPONENT AND REFERRER INFORMATION AND PROPOSAL DESCRIPTION			
Referrer information			
Who is referring this proposal?		<input checked="" type="checkbox"/> Proponent <input type="checkbox"/> Decision-making authority <input type="checkbox"/> Community member/third party	
Name Maurice Ryan <i>Name of the person or organisation referring</i>		Signature 	
Position	Project Director	Organisation	Regional Power Corporation T/A Horizon Power
Email	Maurice.Ryan@horizonpower.com.au	Phone	(08) 6310 1810
Address	18	Brodie Hall Drive, WA 6102	
	Bentley	WA	6102
Date	8/11/2022		
Does the referrer request that the EPA treat any part of the proposal information in the referral as confidential? <i>Provide confidential information in a separate attachment.</i>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Does the referrer confirm that they consent to receive correspondence electronically?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Referral declaration for proponent and Authorised representative: I, Maurice Ryan declare that I am authorised to refer this proposal on behalf of Horizon Power and further declare that the information contained in this form is true and not misleading.			
Date: 11/11/2022			
Proponent information			
Name of the proponent/s <i>Include Trading Name if relevant</i>		Regional Power Corporation T/A Horizon Power	
Australian Company Number(s) <input type="checkbox"/>	ABN: 57 9550 116 97		
OR Australian Business Number(s) <input checked="" type="checkbox"/>			
Pre-referral discussions			

<p>Have you had pre-referral discussions with the EPA (including the EPA Services of DWER)?</p> <p><i>If so, provide name, date, and overview of discussions.</i></p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Pre-referral EPA meeting held 11 August 2022.</p> <p>Attendees included:</p> <ul style="list-style-type: none"> • Lina Ramlee • Leanne Thompson • Adam Ashby <p>Discussions included:</p> <ul style="list-style-type: none"> • Proposal overview • EPA feedback on referral components and footprint • EPA feedback on key factors and suitability of studies
<p>Proposal information</p>	
<p>Proposal name</p>	<p>Burrup Common User Transmission Infrastructure</p>
<p>What is the proposal? (Include general description in the Instructions and template: How to identify the content of a proposal)</p>	<p>Horizon Power is proposing to expand the NWIS electricity network, by constructing an approximately 7 kilometre (km) long 132 kilovolt (kV) overhead transmission line between the Dampier substation and the Burrup Strategic Industrial Area (SIA) (the Proposal). The Burrup SIA is not currently connected to the NWIS by transmission infrastructure.</p> <p>The Proposal will provide common user transmission infrastructure, owned and operated by Horizon Power. As a result, the Proposal will also provide opportunities for tenants on the Burrup to access the higher efficiency generation portfolio, including proposed renewable energy resources available on the NWIS. The Proposal is considered the first step to providing enabling infrastructure to support the transition towards State and Federal Government emission reduction targets.</p> <p>The Proposal is located on Murujuga (Burrup Peninsula) in WA, approximately 1.5 km east of the Dampier township.</p>
<p>Have you provided electronic spatial data, maps, and figures in the appropriate format?</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>

<p>What type of proposal is being referred?</p> <p><i>For significant amendment or derived proposal, provide the associated existing Ministerial statement number/s</i></p> <p><i>For a proposal under an assessed planning scheme, provide the scheme number and name</i></p>	<p><input checked="" type="checkbox"/> significant proposal. <i>Choose which type of significant proposal</i></p> <p><input checked="" type="checkbox"/> new proposal</p> <p><input type="checkbox"/> significant amendment (proposal only)</p> <p><input type="checkbox"/> significant amendment (conditions only)</p> <p><input type="checkbox"/> significant amendment (proposal and conditions)</p> <p><input type="checkbox"/> strategic proposal</p> <p><input type="checkbox"/> derived proposal</p> <p><input type="checkbox"/> proposals of a prescribed class</p> <p><input type="checkbox"/> proposal under an assessed planning scheme</p>
<p>Proposal content: Complete the corresponding template (Proposal Content Document) from the Instructions and template: How to identify the content of a proposal for the type of proposal identified above. The completed form must be submitted with the referral.</p> <p>The Proposal content document is provided as an attachment to this EPA Referral Form. Proposal content is also detailed in Section 2.1 of the s38 Referral Supporting Document.</p>	
<p>Alternatives</p>	<p>Alternatives to the Proposal are provided in Section 2.3 of the s38 Referral Supporting Document.</p>

PART B: ASSESSMENT OF ENVIRONMENTAL IMPACTS

Environmental factors

<p>What are the likely significant environmental factors for this proposal?</p>	<p><input type="checkbox"/> Benthic Communities and Habitat</p> <p><input type="checkbox"/> Coastal Processes</p> <p><input type="checkbox"/> Marine Environmental Quality</p> <p><input type="checkbox"/> Marine Fauna</p> <p><input checked="" type="checkbox"/> Flora and Vegetation</p> <p><input type="checkbox"/> Landforms</p> <p><input type="checkbox"/> Subterranean Fauna</p> <p><input type="checkbox"/> Terrestrial Environmental Quality</p> <p><input checked="" type="checkbox"/> Terrestrial Fauna</p> <p><input type="checkbox"/> Inland Waters</p> <p><input type="checkbox"/> Air Quality</p> <p><input type="checkbox"/> Greenhouse Gas Emissions</p> <p><input checked="" type="checkbox"/> Social Surroundings</p> <p><input type="checkbox"/> Human Health</p>
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*For **each** of the environmental factors identified above, complete the following table, or provide the information in a supplementary report*

Detailed information is provided in the s38 Referral Supporting Document for the following 'key' environmental factors identified for the Proposal:

- Flora and Vegetation
- Terrestrial Fauna
- Social Surroundings.

In addition, information is provided in the s38 Referral Supporting Document for the following 'other' environmental factors identified for the Proposal:

- Greenhouse Gas Emissions
- Air Quality
- Inland Waters
- Terrestrial Environmental Quality
- Coastal Processes
- Marine Environmental Quality.

The Proposal is not expected to have a significant impact on these factors.

Potential environmental impacts – for each environmental factor

1	EPA policy and guidance	<p>Flora and Vegetation EPA policy and guidance for Flora and Vegetation is provided in Section 6.1.1 of the s38 Referral Supporting Document.</p> <p>Terrestrial Fauna EPA policy and guidance for Terrestrial Fauna is provided in Section 6.2.1 of the s38 Referral Supporting Document.</p> <p>Social Surroundings EPA policy and guidance for Social Surroundings is provided in Section 6.3.1 of the s38 Referral Supporting Document.</p> <p>‘Other’ Environmental Factors EPA policy and guidance for the ‘other’ environmental factors identified for the Proposal are provided in Section 6.4 of the s38 Referral Supporting Document.</p>
2	Receiving environment	<p>Flora and Vegetation The receiving environment for Flora and Vegetation is provided in Section 6.1.2 of the s38 Referral Supporting Document.</p> <p>Terrestrial Fauna The receiving environment for Terrestrial Fauna is provided in Section 6.2.2 of the s38 Referral Supporting Document.</p> <p>Social Surroundings The receiving environment for Social Surroundings is provided in Section 6.3.2 of the s38 Referral Supporting Document.</p> <p>‘Other’ Environmental Factors The receiving environment for the ‘other’ environmental factors identified for the Proposal are provided in Section 6.4 of the s38 Referral Supporting Document.</p>

3	Likely environmental impacts	<p>Flora and Vegetation</p> <p>The likely environmental impacts to Flora and Vegetation resulting from the Proposal are provided in Section 6.1.3 of the s38 Referral Supporting Document.</p> <p>Terrestrial Fauna</p> <p>The likely environmental impacts to Terrestrial Fauna resulting from the Proposal are provided in Section 6.2.3 of the s38 Referral Supporting Document.</p> <p>Social Surroundings</p> <p>The likely environmental impacts to Social Surroundings resulting from the Proposal is provided in Section 6.3.3 of the s38 Referral Supporting Document.</p> <p>‘Other’ Environmental Factors</p> <p>The likely environmental impacts to the ‘other’ environmental factors identified for the Proposal are provided in Section 6.4 of the s38 Referral Supporting Document.</p>
4	Application of the mitigation hierarchy	<p>Flora and Vegetation</p> <p>The application of the mitigation hierarchy for Flora and Vegetation is provided in Section 6.1.4 of the s38 Referral Supporting Document.</p> <p>Terrestrial Fauna</p> <p>The application of the mitigation hierarchy for Terrestrial Fauna is provided in Section 6.2.4 of the s38 Referral Supporting Document.</p> <p>Social Surroundings</p> <p>The application of the mitigation hierarchy for Social Surroundings is provided in Section 6.3.4 of the s38 Referral Supporting Document.</p> <p>‘Other’ Environmental Factors</p> <p>The application of the mitigation hierarchy for the ‘other’ environmental factors identified for the Proposal are provided in Section 6.4 of the s38 Referral Supporting Document.</p>

5	Assessment and significance of residual impacts	<p>Flora and Vegetation</p> <p>The assessment and significance of residual impacts for Flora and Vegetation is provided in Section 6.1.5 of the s38 Referral Supporting Document.</p> <p>Terrestrial Fauna</p> <p>The assessment and significance of residual impacts for Terrestrial Fauna is provided in Section 6.2.5 of the s38 Referral Supporting Document.</p> <p>Social Surroundings</p> <p>The assessment and significance of residual impacts for Social Surroundings is provided in Section 6.3.5 of the s38 Referral Supporting Document.</p> <p>‘Other’ Environmental Factors</p> <p>The assessment and significance of residual impacts for the ‘other’ environmental factors identified for the Proposal are provided in Section 6.4 of the s38 Referral Supporting Document.</p>
6	Likely environmental outcomes	<p>Flora and Vegetation</p> <p>The likely environmental outcomes for Flora and Vegetation is provided in Section 6.1.6 of the s38 Referral Supporting Document.</p> <p>Terrestrial Fauna</p> <p>The likely environmental outcomes for Terrestrial Fauna is provided in Section 6.2.6 of the s38 Referral Supporting Document.</p> <p>Social Surroundings</p> <p>The likely environmental outcomes for Social Surroundings is provided in Section 6.3.6 of the s38 Referral Supporting Document.</p> <p>‘Other’ Environmental Factors</p> <p>The likely environmental outcomes for the ‘other’ environmental factors identified for the Proposal are provided in Section 6.4 of the s38 Referral Supporting Document.</p>
Holistic impact assessment		
A holistic impact assessment for the Proposal is provided in Section 9 of the s38 Referral Supporting Document.		
Cumulative environmental impact assessment		
A cumulative environmental impact assessment for the Proposal is provided in Section 10 of the s38 Referral Supporting Document.		

Consultation

Stakeholder consultation undertaken by Horizon Power in relation to the Proposal is detailed in Section 4 of the s38 Referral Supporting Document.

Supporting documents

The following attachments are provided with this EPA Referral Form:

- Proposal content document
- S38 Referral Supporting Document

Within the s38 Referral Supporting Document, the following supporting documents are included as appendices:

- Construction Environmental Management Plan (CEMP)
- Land Tenure
- Woodside Power Project Flora and Vegetation Surveys Desktop Assessment Report (VLA 2019)
- Horizon Power 124-KRT-DMP 132kV Line Upgrade Project Flora and Fauna Survey (GHD 2019)
- Horizon Power Burrup Expansion Project Flora and Vegetation Survey (GHD 2020a)
- Additional Areas Reconnaissance/Basic Survey (GHD 2022a)
- Woodside Power Pty Ltd Hybrid Renewable Power Plant Fauna Survey (GHD 2020b)
- Greenhouse Gas Assessment Report (Horizon Power 2022).
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Has the referrer provided survey information according to the [Instructions and Form: IBSA Data Packages](#) and/or the [Instructions and form: IMSA Data Packages](#)

Yes
 No

Conclusion

Construction and operation of the Proposal is not expected to result in any significant residual environmental impacts to environmental factors.

Construction of the Proposal will require the clearing of up to 14.40 ha of native vegetation (including up to 2.90 ha of temporary clearing which will be rehabilitated following completion of construction), including:

- Clearing of up to 2.50 ha of riparian vegetation (worst case scenario – the indicative clearing area indicates clearing of approximately 0.72 ha)
- Clearing of up to 1.50 ha of vegetation located within the tidal inlet between Hearson Cove and King Bay (worst case scenario – the indicative clearing area indicates clearing of approximately 0.47 ha)
- Clearing of up to 0.05 ha of the Priority 1 Burrup Peninsula rock pile communities Priority Ecological Community (PEC) in the unlikely event that construction of the Proposal is constrained by Aboriginal cultural heritage within the northern quarter of the DE (i.e. an unexpected find during initial ground disturbing works)
- Clearing of up to 19 individuals of *Terminalia supranitifolia* (Priority 3)
- Clearing of up to six (6) individuals of *Rhynchosia bungarensis* (Priority 4).

Construction of the Proposal will also require the clearing of up to 14.40 ha (including up to 2.90 ha of temporary clearing which will be rehabilitated following completion of construction) of native vegetation representing five fauna habitat types. The five fauna habitats provide breeding and/or foraging value to:

- Two significant fauna species recorded within DE during the GHD (2020b) survey:
 - North-western Free-tail Bat (*Mormopterus (Ozimops) cobourgianus*); and
 - Whimbrel (*Numenius phaeopus*)
- An additional fifteen species (11 birds, 2 mammals, 2 reptiles) considered to have the potential to occur within the DE based on presence of suitable habitats.

The Proposal has been designed in consultation with traditional owners (MAC and NAC) and consultant archaeologists and anthropologists, to avoid direct impacts to known Aboriginal cultural heritage sites. There remains potential for previously unknown Aboriginal cultural heritage to be uncovered during ground disturbing works during the construction phase.

Construction of the Proposal will require disturbance within:

- The Dampier Archipelago (including the Burrup Peninsula) National Heritage Place; and
- The Dampier Archipelago including Burrup Peninsula (Place No. 25086) Municipal Heritage site.

PART C: OTHER APPROVALS AND REGULATION

Decision-making authorities and their approvals

Provide a table list of the decision-making authorities, associated legislation or agreement regulating the activity and the specific approval required. (Example table at the end of form)

A table list (as per the example at the end of form) of the decision-making authorities, associated legislation or agreement regulating the activity and the specific approval required for the Proposal is provided in Section 3.2 of the s38 Referral Supporting Document.

Provide a summary of the statutory decision-making processes you consider can mitigate the potential impacts of the proposal on the

A summary of the statutory decision-making process considered to mitigate potential impacts of the Proposal on the environment is

environment. (Note: this should be a summary of the information provided in Part B section 2.4).	provided in Table 3-1 of the s38 Referral Supporting Document.
Tenure and Local Government approvals	
Location of proposal: a) street address, lot number, suburb, and nearest road intersection; or b) if remote, the nearest town and distance and direction from that town to the proposal site.	The Proposal is located on the Murujuga (Burrup Peninsula) in Western Australia, approximately 1.5km east of the Dampier township.
Name of the Local Government Authority in which the proposal is located.	Shire of Karratha.
Is rezoning of any land required before the proposal can be implemented? If yes, please provide details.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
What is the current land use on the property, and the extent (area in hectares) of the property?	The primary land use of the Proposal is Strategic Industry. The remainder of the land within the Proposal is zoned as District Roads. The Proposal Development Envelope (DE) is 85.61 ha, within which up to 14.40 ha of disturbance (including up to 11.50 ha of permanent disturbance and 2.90 ha of temporary disturbance) is proposed for construction of the transmission line, new Burrup substation, access tracks, associated electrical infrastructure and the extension of the existing Dampier substation. Native vegetation clearing will be minimised where possible during construction.
Does the proponent have the legal access required for the implementation of all aspects of the proposal? <i>If yes, provide details of legal access authorisations / agreements / tenure.</i> <i>If no, what authorisations / agreements / tenure is required and from whom?</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Section 3.2 of the s38 Referral Supporting Document details land tenure and the rights of Horizon power as an 'energy operator' under sections 46 and 49 of the <i>Energy Operators (Powers) Act 1979</i> .
Commonwealth Government approvals	
Does the proposal involve an action that may be or is a controlled action under the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (EPBC Act)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Has the proposed action been referred? If yes, when was it referred and what is the reference number (EPBC No.)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Date: 11/11/22 EPBC No.: TBC
If referred, has a decision been made on whether the proposed action is a controlled action? If 'yes',	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Decision – controlled action

check the appropriate box and provide the decision in an attachment.	<input type="checkbox"/> Decision – not a controlled action
If the proposal is determined to be a controlled action, do you request that this proposal be assessed under a Bilateral Agreement or as an accredited assessment?	<input checked="" type="checkbox"/> Yes - Bilateral <input type="checkbox"/> No <input type="checkbox"/> Yes - Accredited
Is approval required from other Commonwealth Government/s for any part of the proposal? <i>If yes, describe.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Approval:
Decision-making authority referrals <u>ONLY</u>	
What approval/s, under your authority, are required for this proposal? <i>Please provide details.</i>	N/A