

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 (print) Rebecca Wright <i>Name of the person or organisation referring</i>		Signature	
Position	Manager Environmental Approvals and Biodiversity	Organisation	BHP Iron Ore Pty Ltd
Email	Rebecca.wright@bhp.com	Phone	9609 3333
Address	125 St Georges Terrace Perth WA 6000		
Date	26 March 2024		
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 checked="" type="checkbox"/> Yes <input 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, Rebecca Wright declare that I am authorised to refer this proposal on behalf of BHP Iron Ore Pty Ltd and further declare that the information contained in this form is true and not misleading. Date: 22 March 2024			
Proponent information			
Name of the proponent/s <i>Include Trading Name if relevant</i>		BHP Iron Ore Pty Ltd	
Australian Company Number(s) <input type="checkbox"/>		ABN: 46 008 700 981	
OR Australian Business Number(s) <input checked="" type="checkbox"/>			
Pre-referral discussions			
Have you had pre-referral discussions with the EPA (including the EPA Services of DWER)?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

<p>If so, provide name, date, and overview of discussions.</p>	<p>A pre-referral meeting was held on 19 July 2023 with between BHPIO and EPAS representatives. BHPIO introduced the Proposal, the key environmental factor, studies and modelling, potential impacts and proposed management measures.</p>
<p>Proposal information</p>	
<p>Proposal name</p>	<p>Yarnima Power Station Stage 4 (Gas Reciprocating Engines)</p>
<p>What is the proposal? (Include general description in the Instructions and template: How to identify the content of a proposal)</p>	<p>The Proposal is to increase power generation at the existing Yarnima Power Station, located approximately 2 km north-west of Newman in the Pilbara region of Western Australia.</p> <p>The Proposal comprises an increase installed power generation capacity at the Yarnima Power Station (YPS) from 154 megawatts (MW) up to 239 MW via installation and operation of gas reciprocating engines (GRes) (up to 120 MW in total) and associated infrastructure. Associated infrastructure will include switchrooms, electrical connections, a new gas heater and extension of fuel piping, water supply systems and other auxiliary equipment.</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> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> new proposal <input type="checkbox"/> significant amendment (proposal only) <input type="checkbox"/> significant amendment (conditions only) <input type="checkbox"/> significant amendment (proposal and conditions) <input type="checkbox"/> strategic proposal <input type="checkbox"/> derived proposal <input type="checkbox"/> proposals of a prescribed class <input type="checkbox"/> proposal under an assessed planning scheme
<p>Proposal content: Complete the corresponding template (<i>Proposal Content Document</i>) 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>	

Alternatives	<p>Increasing the power generation will enable BHPIO to meet its forecast power demand by installing and operating high efficiency, low emissions intensity GREs. The Proposal will supply BHPIO's Inland Power Grid with stable and efficient energy necessary to support the integration of future renewable energy.</p> <p>The alternative to the Proposal is to continue to run the Mining Area C (MAC) diesel power station and the Yarnima temporary power station (also fuelled by diesel) to meet increasing power demand at BHPIO's Western Australia operations. This would be an inadequate long-term solution both in terms of not being able to meet peak demand levels in coming years, as well as being inconsistent with BHPIO's decarbonisation strategy.</p>
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PART B: ASSESSMENT OF ENVIRONMENTAL IMPACTS

Environmental factors

<p>What are the likely significant environmental factors for this proposal?</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Benthic Communities and Habitat <input type="checkbox"/> Coastal Processes <input type="checkbox"/> Marine Environmental Quality <input type="checkbox"/> Marine Fauna <input type="checkbox"/> Flora and Vegetation <input type="checkbox"/> Landforms <input type="checkbox"/> Subterranean Fauna <input type="checkbox"/> Terrestrial Environmental Quality <input type="checkbox"/> Terrestrial Fauna <input type="checkbox"/> Inland Waters <input type="checkbox"/> Air Quality <input checked="" type="checkbox"/> Greenhouse Gas Emissions <input type="checkbox"/> Social Surroundings <input type="checkbox"/> Human Health
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For each of the environmental factors identified above, complete the following table, or provide the information in a supplementary report

Potential environmental impacts – Greenhouse Gas Emissions

1	EPA policy and guidance	Refer to Section 7.2 of the Environmental Review Document
2	Receiving environment	Refer to Section 7.3 of the Environmental Review Document
3	Likely environmental impacts	Refer to Section 7.4 of the Environmental Review Document
4	Application of the mitigation hierarchy, including other statutory decision-making processes	Refer to Section 7.5 of the Environmental Review Document

5	Assessment and significance of residual impacts	Refer to Section 7.6 of the Environmental Review Document
6	Likely environmental outcomes	Refer to Section 7.7 of the Environmental Review Document
Holistic impact assessment		
BHPIO has undertaken a holistic impact assessment for the Proposal. Please refer to Section 9 of the Environmental Review Document.		
Cumulative environmental impact assessment		
BHPIO has undertaken a cumulative environmental impact assessment for the Proposal. Please refer to Section 10 of the Environmental Review Document.		
Consultation		
BHPIO has undertaken stakeholder consultation in relation to the Proposal. Please refer to Section 4 of the Environmental Review Document.		
Supporting documents		
Provide a list of the supporting documents <ul style="list-style-type: none"> • Yarnima Power Station Stage 4 (Gas Reciprocating Engines) Proposal Content Document. • Yarnima Power Station Stage 4 (Gas Reciprocating Engines) Environmental Review Document and supporting appendices. 		
Has the referrer provided survey information according to the Instructions and Form: IBSA Data Packages and/or the Instructions and form: IMSA Data Packages		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (N/A)
Conclusion		
Do you consider the proposal may have a significant effect on the environment? BHPIO has undertaken an assessment of the potential significance of impacts in relation to the key environmental factor. Please refer to Section 7.6.1 of the Environmental Review Document.		

PART B: ASSESSMENT OF ENVIRONMENTAL IMPACTS FOR SIGNIFICANT AMENDMENTS ONLY

Type of significant amendment	<input type="checkbox"/> significant amendment to the approved proposal <input type="checkbox"/> significant amendment to the implementation conditions <input type="checkbox"/> significant amendment to both the proposal and the implementation conditions
Information of the approved proposal	N/A
Combined effects of the approved proposal and significant amendment	N/A
Analysis of existing implementation conditions	N/A
Previous changes to the Proposal and or implementation conditions	N/A

Compliance	N/A
Environmental Performance	N/A
Control of implementation of significant amendment	N/A

PART B: ASSESSMENT OF ENVIRONMENTAL IMPACTS FOR A PROPOSAL UNDER AN ASSESSED SCHEME ONLY

What new environmental issues are raised by the proposal that were not assessed during the assessment of the planning scheme?	N/A
How does the proposal not comply with the assessed scheme and/or the environmental conditions in the assessed planning scheme?	N/A

PART B: ASSESSMENT OF ENVIRONMENTAL IMPACTS FOR DERIVED PROPOSALS ONLY

Demonstrate how the proposal will meet the environmental outcomes defined through the assessment of the strategic proposal	N/A
Provide an analysis of the existing implementation conditions of the related strategic proposal in relation to the derived proposal	N/A

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)	BHPIO has considered other statutory decision-making authorities and processes. Refer to Section 3.2 of the Environmental Review Document.
Provide a summary of the statutory decision-making processes you consider can mitigate the potential impacts of the proposal on the environment. (Note: this should be a summary of the information provided in Part B section 2.4). (Example table at the end of form)	Refer to Section 7.5.4 of the Environmental Review 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 Yarnima Power Station is located in Newman, 2 km north-west of the town centre, in the Pilbara Region of Western Australia.
Name of the Local Government Authority in which the proposal is located.	Shire of East Pilbara
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 current land use in the Development Envelope is electricity generation, and the size of the Development Envelope is 47 ha.
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 The Proposal is situated within Mineral Lease ML244SA and falls within the Nyiyaparli Native Title Determination Area. ML244SA is within the scope of the agreement between BHPIO and the Karlka Nyiyaparli Aboriginal Corporation.
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 BHPIO will manage the Proposal in accordance with its Pilbara Strategic Assessment Program, as approved under the EPBAC Act by the Australian Government on 19 June 2017. On this basis, the checkbox has been marked 'Yes'.
Has the proposed action been referred? If yes, when was it referred and what is the reference number (EPBC No.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: _____ EPBC No.: _____
If referred, has a decision been made on whether the proposed action is a controlled action? If 'yes', check the appropriate box and provide the decision in an attachment.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Decision – controlled action <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 type="checkbox"/> Yes - Bilateral <input checked="" 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? *Please provide details.*

N/A