

Memorandum on Compliance

File	FTC000033
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To:	Sandra Balcombe, Manager Land and Oceans Applications
Copy to:	June Cahill, Project Lead Elliott Thornton, Team Leader Fast-track Consents
From:	Carolyn Wratt
Date:	25 August 2021
Subject:	Kapuni Green Hydrogen: Assessment whether the application complies with clause 3(1) of Schedule 6 of the COVID-19 Recovery (Fast-track Consenting) Act 2020

Purpose

1. The purpose of this memo is to assist you in making your decision on whether the Kapuni Green Hydrogen application, received by the Environmental Protection Authority (**EPA**) on 18 August 2021 lodged by Hiringa Energy Limited and Balance Agri-Nutrients, complies with the requirements of clause 3(1) of Schedule 6 of the COVID-19 Recovery (Fast-track Consenting) Act 2020 (**the Act**).

Conflict of interest

2. I confirm that I do not have any conflict of interest in this matter that would prevent me making this assessment.

The application

3. A project referred to a panel by a referral order is eligible to be considered by an expert consenting panel. On 2 April 2021, Schedule 14, Kapuni Green Hydrogen was included in the COVID-19 Recovery (Fast-track Consenting) Referred Projects Order 2020 (**the referral order**).
4. The applicant applied for consents relating to Kapuni Green Hydrogen on 18 August 2021.
5. The EPA must either provide the consent application to the expert consenting panel (if complete) or return it to the person who lodged it (if incomplete), as set out in paragraphs 13 – 17 below.

Project

6. The scope of the project is to construct, install, and operate a renewable hydrogen hub. The renewable hydrogen hub comprises:

- (a) 4 wind turbines and associated infrastructure; and
- (b) an electrolysis plant; and
- (c) hydrogen production infrastructure; and
- (d) hydrogen storage, loadout, and refuelling facilities; and
- (e) underground electricity cables and associated buildings and structures.

Fast-track consenting application process

Legislative context

7. Clause 2(1), Schedule 6 of the Act states that a person authorised in accordance with section 15 may apply for a resource consent that would otherwise be required under section 88 of the Resource Management Act 1991 (**RMA**).]
8. Clause 3(1), Schedule 6 of the Act states that *“within 5 working days of receiving a consent application or notice of requirement, the EPA must determine whether the application or notice—*
 - (a) relates solely to 1 or more of the listed projects or referred projects; and*
 - (b) does not breach clause 2(3)(c) or (4); and*
 - (c) contains all the information required under clauses 9 to 13.”*
9. Clause 3(2), Schedule 6 of the Act states that *“if the EPA is satisfied that a consent application or notice of requirement complies with the matters listed in subclause (1), the EPA must provide the application or notice to the panel appointed to determine that application or notice.”*
10. Clause 4(1), Schedule 6 of the Act states that *“if the EPA determines that a consent application or notice of requirement does not comply with the requirements of clause 3(1), it must return the application or notice immediately to the person who lodged it, with written reasons for the EPA’s determination”.*

Prerequisites for the application

11. There are a number of prerequisites for an application to be lodged as set out in this table.

Reference to clause in Schedule 6	Preliminary Matter	Comment	Accept/reject
Clause 2(1) or 2(2)	Application is made by authorised person or requiring authority	Section 1.1 (page 1) of the AEE confirms that the applicants are Hiringa Energy Limited and Ballance Agri-Nutrients Limited in accordance	Accept

		with Schedule 14(2) of the referral order.	
Clause 2(3)(b)	Application is in approved form and manner	Application form is included	Accept
Clause 2(3)(c)	Application complies with any restrictions and obligations in either:		
	(i) Schedule 2; or	Not applicable	
	(ii) Schedule 3 and referral order	<p>The description in Section 4 (pages 29-41) of the AEE confirms that the proposal matches the description in the referral order.</p> <p>While the referral order describes the scale of the wind turbines as having a hub height of approximately 149 m, a rotor diameter of 162 m, and a total height of approximately 230 m, the overall height is reduced by 24m. The project is still within the scope of the referral order, especially as the referral order states an “approximate height” of 230m.</p> <p>The location of the structures and infrastructure is confirmed in Table 2.1 of the AEE (page 11) as complying with the referral order.</p>	Accept
Clause 2(4)(a)	Applications must not relate to an activity that is classified as a prohibited activity in a:		
	(i) Relevant plan or proposed plan	<p>This is confirmed by section 1.3 (page 1) of the AEE, and in more detail in the following sections:</p> <p><u>South Taranaki District Plan</u></p>	Accept

		<p>A summary of the rules is in section 2.4.1 (page 11) of the AEE</p> <p>An analysis of the rules is in Appendix C South Taranaki District Plan Rules Analysis</p> <p><u>Regional Fresh Water Plan for Taranaki</u></p> <p>Summary of the rules is in section 2.4.2 (page 12) of the AEE and section 1.3 of Appendix J.3 Freshwater Ecological Assessment</p> <p>Rules are assessed in Appendix D1 Regional Fresh Water Plan Rules Analysis</p> <p><u>Regional Air Quality Plan for Taranaki 2011</u></p> <p>Section 7.8.2 (page 86-87) of the AEE</p>	
	(ii) RMA regulations (including any NES)	<p>This is confirmed by section 1.3 (page 1) of the AEE</p> <p>and in more detail in the following sections:</p> <p><u>Resource Management (National Environmental Standards for Freshwater) Regulations 2020</u></p> <p>A summary is contained in section 2.4.3 (page 14) of the AEE</p> <p>Appendix D2 Resource Management (National Environmental Standards for Freshwater) Regulations 2020</p>	Accept

		<p><u>Resource Management (National Environmental Standards for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011</u></p> <p>A summary is contained in section 2.4.4 (page 14) and section 3.13.1 (page 27) of the AEE</p> <p>Appendix E2 NES-CS Analysis</p>	
Clause 2(4)(b)	Applications must not relate to an activity that is to occur within a customary marine title area unless agreed by the appropriate customary marine title group	This is confirmed by section 1.3 (page 1) of the AEE	Accept
Clause 3(1)(a)	Relates solely to 1 or more of the listed projects or referred projects	The application is for Kapuni Green Hydrogen as listed in the referral order. This is explicitly confirmed in sections 1.1 and 1.3 (page 1) of the AEE.	Accept

Conclusions on preliminary matters

12. The application can proceed to an assessment of whether the application contains all the information required under clauses 9 to 13 of Schedule 6 of the Act.

Assessment of compliance table

13. An assessment table against Clauses 9-12, Schedule 6 of the Act is included in Appendix 1.
14. The information provided must be in sufficient detail to correspond to the scale and significance of the effects that the activity is anticipated to have on the environment, taking into account any proposal by a consent applicant or requiring authority to manage adverse effects through conditions, including requiring the preparation of a management plan (Clauses 13(3) and 14 of Schedule 6).
15. The information in the application has been assessed on the basis that the scale of the activity is moderate after taking into account mitigation measures and conditions. This is based on the

limited number of wind turbines (four) but located against the backdrop of the outstanding natural landscape of Mount Taranaki which is a culturally significant site. The proposal includes hazardous facilities for hydrogen storage, loadout, and refuelling.

16. My view is that the application does comply with clause 3(1) and can be provided to the Panel.
17. Although I am recommending that the application be provided to the Panel, I make the following observations and recommend that these be communicated to both the applicant and the Panel:
 - a. Appendix R.1 South Taranaki District Plan contains some cross referencing issues.
 - b. The referral order requires a traffic impact assessment, which must include an assessment of the effects of large vehicles transporting turbine sections to the project site. While a Traffic Impact Assessment is included in the application, this is a broad assessment of the effects of the transport of the turbine sections which identifies possible routes and which defers the detail to a transport plan (Wind Turbine Components) which has not yet been developed. The reason given in section 1 of the Traffic Impact Assessment is as follows:

At the time of this assessment the detailed design of the works has not been completed, nor appointment of key roles such as the physical works contractor and the transport operator for the large overmass / overdimension wind turbine components. Those appointments will dictate supplier and service provider details such as quarry and concrete plant locations, and also transport details such as trailer configurations for over mass and overdimension loads – all of which are functions of specific operators, suppliers and contractors.

Following the commercial model for windfarms, the supplier of the wind turbines (in this case Vestas) will be responsible for the Transport of the wind turbine components. The responsibility of the transport includes the detailed planning of the actual route and transport configurations for the wind turbine components (in this case from Port Taranaki to Site). Further, a windfarm turbine supplier only commits to undertaking the associated transport planning once the project (including relevant consents) are confirmed.

The extracts from the application above, explain the limitations on the level of detail that the applicant is able to provide at this stage. Section 5.1 of the Traffic Impact Assessment states:

The effects of transporting these large components can be adequately mitigated by:

- *Co-ordination with the South Taranaki District Council*
 - *Planned maintenance works*
 - *Information sharing on road infrastructure and planned routes*
 - *Road maintenance agreement between the Project and STDC*
- *Co-ordination with Waka Kotahi NZTA*
 - *Planned maintenance works*
 - *Information sharing on road infrastructure and planned routes*
- *Preparation and adherence with a Construction Traffic Management Plan (bulk transport) undertaken in close co-ordination with the Civil Contractor and also Transport plan (Wind Turbine Components).*

Mr Cam Twigley in his letter dated 24 August 2021 identified the ways in which he considered the Traffic Impact Assessment addressed the transport of the turbines at a broad level; being:

- a. In Appendix A of the TIA, a swept path analysis has been undertaken at a key pinch point on the proposed transport route based on a nominal transporter configuration that would cater for the wind turbine blades;
- b. The roading network for the potential transport routes is described in section 3 of the Traffic Impact Assessment with a preliminary assessment of routes for the overmass / over dimension loads addressed in section 4.5; and
- c. Consultation outcomes with Waka Kotahi / New Zealand Transport Agency and South Taranaki District Council are detailed in section 4.1 of the Traffic Impact Assessment with both authorities expressing comfort that the finer detail will be confirmed once the contractor is appointed and through the required Construction Traffic Management Plan and Transport Plan (noting that both plans are proposed conditions of consent). Both plans require further engagement with the Road Controlling Authorities.

Taking into account the proportionality of this requirement to the overall scale and significance of the project and the fact that the operational details of transporting the turbines will occur later and through a separate process (development of a Transport Plan that is proposed as a condition of consent), I consider the level of detail provided in the Traffic Impact Assessment to be sufficient and complies with the Referral Order at a high-level.

Appendix 1: Clauses 9-11

Table 1: Checklist of completeness requirements in Clauses 9-11 of Schedule 6 of the Act

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
Clause 9			
Clause 9(1)(a)	A description of the proposed activity	<p>Yes</p> <p>Section 4 (pages 29-41) of the AEE</p> <p>Appendix A Kapuni Green Hydrogen Project – Consent Drawing Set</p> <p>Section 4 of Appendix U Erosion and Sediment Control Plan</p> <p>Appendix V Construction Activities Summary</p>	Yes
Clause 9(1)(b)	A description and map of the site at which the activity is to occur	<p>Yes</p> <p>Section 2.2 (pages 9-10) of the AEE</p> <p>Section 3 (pages 14-22) of the AEE</p>	Yes

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		<p>Appendix A Kapuni Green Hydrogen Project – Consent Drawing Set</p> <p>Appendix G.1 Landscape and Visual Effects Assessment</p> <p>Appendix G.3 Graphic Supplement: Public Viewpoints</p>	
Clause 9(1)(c)	Confirmation that the consent application complies with clause 3(1)	Yes	Yes
Clause 9(1)(d)	<p>The full name and address of:</p> <p>i. Each owner of the site and of land adjacent to the site</p>	<p>Yes</p> <p>The names and addresses are listed in Table 2.1 of the AEE (page 11)</p> <p>Appendix P.3 Adjacent Landowner and Occupier Names and Addresses</p>	Yes
	<p>ii. Each occupier of the site and of land adjacent to the site who, after reasonable enquiry, is able to be identified by the applicant</p>	<p>Yes</p> <p>Appendix P.3 Adjacent Landowner and Occupier Names and Addresses</p>	Yes

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		The occupiers of the turbine site is confirmed by the memorandum from Cam Twigley dated 24 August 2021.	
	Were reasonable inquiries made?	Yes	Yes
Clause 9(1)(e)	A description of any other activities that are part of the proposal to which the consent application relates	Yes Section 4 (pages 29-41) of the AEE	Yes
Clause 9(1)(f)	A description of any other resource consents, notices of requirement for designations, or alterations to designations required for the proposal to which the consent application relates	Yes Section 3.14.1 explains that in January 2021, Ballance was granted a variation to Water Permits 0596-3 and 1213-3 by Taranaki Regional Council to allow for a small amount of some of the water take under these existing permits to be used to make hydrogen in association with the Project. Appendix I Ballance Kapuni Water Permits	Yes

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
Clause 9(1)(g)	An assessment of the activity against—	Yes	Yes
Section 19	(i) Part 2 of the RMA	Section 5.1 (pages 42-45) of the AEE Section 5.3 (pages 46-48) of the AEE Appendix T Economic Impact Assessment	
	(ii) the purpose of this Act	Yes Section 5.2 (page 45) of the AEE	Yes
	(iii) the following matters (set out in section 19 of the Act - whether project helps to achieve purpose of Act):	Yes	Yes
	(a) the project's economic benefits and costs for people or industries affected by COVID-19	Section 5.3 (pages 46) of the AEE Appendix T Economic Impact Assessment	
	(b) the project's effect on the social and cultural well-being of current and future generations	Yes Section 5.3 (pages 46-48) of the AEE	Yes
(c) whether the project would be likely to progress faster by using the processes provided by this Act than would otherwise be the case	Yes	Yes	

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		Section 5.3 (pages 48-49) of the AEE	
	(d) whether the project may result in a public benefit by, for example: generating employment; increasing housing supply; contributing to well-functioning urban environments; providing infrastructure in order to improve economic, employment, and environmental outcomes, and increase productivity; improving environmental outcomes for coastal or freshwater quality, air quality, or indigenous biodiversity; minimising waste; contributing to New Zealand's efforts to mitigate climate change; and transition more quickly to a low-emissions economy (in terms of reducing New Zealand's net emissions of greenhouse gases); promoting the protection of historic heritage; strengthening environmental, economic, and social resilience, in terms of managing the risks from natural hazards and the effects of climate change; or any other benefit(s) identified.	<p>Yes</p> <p>Section 5.3 (pages 49-55) of the AEE</p> <p>Appendix T Economic Impact Assessment</p> <p>Historic heritage: section 7.7 (page 82) of the AEE and Appendix F Archaeological Assessment</p>	Yes
	(e) whether there is potential for the project to have significant adverse environmental effects, including greenhouse gas emissions:	<p>Yes</p> <p>Section 5.3 (page 54) of the AEE</p>	Yes
	(f) any other matter that the Minister considers relevant.	<p>Yes – see page 39 of this memorandum for a complete assessment</p> <p>Section 5.4 (page 56-57) of the AEE stated The Minister's Notice of Decision dated 23 February 2021, in</p>	Yes – please see comments above in paragraph 17(b) regarding the traffic impact assessment

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		<p>accordance with Section 25 of the Act, requested the following information</p> <p>The Minister's Notice of Decision dated 23 February 2021, in accordance with Section 25 of the Act, requested the following information:</p> <ol style="list-style-type: none"> 1. A landscape and visual assessment 2. A cultural impact assessment or statement of reasons for not providing an assessment 3. An archaeological assessment 4. An ecological assessment 5. A traffic impact assessment 6. An acoustic assessment 7. A shadow flicker assessment of the turbines 8. Information on significant hazardous facilities 	

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
Clause 9(1)(h)	<p>An assessment of the activity against --</p> <p>(a) any relevant provisions in a national environmental standard, including:</p>	<p>The AEE identifies the relevant national environmental standards as:</p> <ul style="list-style-type: none"> • Resource Management (National Environmental Standards for Freshwater) Regulations 2020 • Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011 	
	<p>i. Any relevant objectives, policies or rules</p>	<p>Yes</p> <p><u>Resource Management (National Environmental Standards for Freshwater) Regulations 2020</u></p> <p>A summary is in section 2.4.3 (page 14) of the AEE</p> <p>Appendix D.2 Resource Management (National Environmental Standards for</p>	<p>Yes</p>

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		<p>Freshwater) Regulations 2020</p> <p><u>Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011</u></p> <p>A summary is in section 2.4.4 (page 14) and section 3.13.1 (page 27) of the AEE</p> <p>Appendix E.2 NES-CS Analysis</p>	
	<p>ii. Any requirement, condition, or permission in any rules</p>	<p>Yes</p> <p><u>Resource Management (National Environmental Standards for Freshwater) Regulations 2020</u></p> <p>A summary is in section 2.4.3 (page 14) of the AEE</p> <p>Appendix D.2 Resource Management (National Environmental Standards for Freshwater) Regulations 2020.</p>	<p>Yes</p>

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		<p><u>Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011</u></p> <p>A summary is in section 2.4.4 (page 14) and section 3.13.1 (page 27) of the AEE</p> <p>Appendix E.2 NES-CS Analysis</p>	
	iii. Any other requirements	Not applicable	Not applicable
	(b) Any relevant provisions in any other regulations made under the RMA, including:	Section 8.3 of the AEE identifies the Resource Management (National Environmental Standards for Sources of Human Drinking Water) Regulations 2007 as being relevant	
	i. Any relevant objectives, policies or rules	Not applicable	Not applicable
	ii. Any requirement, condition, or permission in any rules	<p>Yes</p> <p>Section 8.3.1 (pages 92-93) of the AEE</p>	Yes
	iii. Any other requirements	Not applicable	

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
	(c) Any relevant provisions in any national policy statement, including:	<p>The AEE identifies the following national policy statements as relevant:</p> <ul style="list-style-type: none"> • National Policy Statement for Renewable Electricity Generation 2011 • National Policy Statement for Freshwater Management 2020 	
	i. Any relevant objectives, policies or rules	<p>Yes</p> <p><u>National Policy Statement for Renewable Electricity Generation 2011</u></p> <p>Section 8.4.1 (pages 93-95) of the AEE</p> <p><u>National Policy Statement for Freshwater Management 2020</u></p> <p>Section 8.4.2 (pages 95-96) of the AEE</p>	Yes
	ii. Any requirement, condition, or permission in any rules	Not applicable	Not applicable

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
	iii. Any other requirements	Not applicable	Not applicable
	(d) Any relevant provisions in a New Zealand coastal policy statement, including:	Section 8.5 (page 97) of the AEE states that due to the application site location being some 9 km from the coast, the site is not located within the Coastal Environment.	
	i. Any relevant objectives, policies or rules	Yes Section 8.5 (page 97) of the AEE states that the New Zealand Coastal Policy Statement is generally irrelevant to this project other than Policies 22 and 23 which require the reduction in sediment loadings in runoff in stormwater systems through contaminant treatment and controls of land use activities. The AEE states that the proposal is consistent with these policies through use of an Erosion and Sediment Control Plan for proposed earthworks to minimise any sediment discharge to waterbodies which flow to the sea.	Yes

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
	ii. Any requirement, condition, or permission in any rules	Not applicable	Not applicable
	iii. Any other requirements	Not applicable	Not applicable
	(e) Any relevant provisions in any regional policy statement or proposed regional policy statement, including:	The AEE identifies the Regional Policy Statement for Taranaki as being relevant	
	i. Any relevant objectives, policies or rules	Yes A summary is in section 8.7 (page 97) of the AEE Appendix R.2 Regional Policy Statement Assessment	Yes
	ii. Any requirement, condition, or permission in any rules	Not applicable	Not applicable
	iii. Any other requirements	Not applicable	Not applicable
	(f) Any relevant provisions in a plan or proposed plan, including:	The AEE identifies the relevant plans as: <ul style="list-style-type: none"> • South Taranaki District Plan (2015) • Regional Fresh Water Plan for Taranaki 	

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		<ul style="list-style-type: none"> Regional Air Quality Plan for Taranaki 	
	<p>i. Any relevant objectives, policies or rules</p>	<p>Yes</p> <p><u>South Taranaki District Plan (2015)</u></p> <p>Objectives and policies: Appendix R.1 South Taranaki District Plan</p> <p>Rules:</p> <p>Summary in Table 2.2 of the AEE (pages 12-13)</p> <p>Appendix C South Taranaki District Plan Rules Analysis, comprising C.1 Wind Turbine Site, C.2 Ballance Plant and C.3 Electricity Infrastructure between Wind Turbine Site and Ballance Plant</p> <p><u>Regional Fresh Water Plan for Taranaki</u></p> <p>Objectives and policies:</p> <p>Summary is in section 8.8.1 (page 97) of the AEE</p>	<p>Yes</p>

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		<p>Appendix R.3 Regional Fresh Water Plan for Taranaki Assessment</p> <p>Rules:</p> <p>Summary is in Table 2.3 of the AEE (pages 13-14)</p> <p>Appendix D.1 Regional Fresh Water Plan Rules Analysis</p> <p><u>8.8.2 Regional Air Quality Plan for Taranaki</u></p> <p>Summary is contained in section 8.8.2 (page 98) of the AEE</p>	
	<p>ii. Any requirement, condition, or permission in any rules</p>	<p>Yes</p> <p><u>South Taranaki District Plan (2015)</u></p> <p>Summary in Table 2.2 of the AEE (pages 12-13)</p> <p>Appendix C South Taranaki District Plan Rules Analysis, comprising C.1 Wind Turbine Site, C.2 Ballance Plant and C.3 Electricity Infrastructure</p>	<p>Yes</p>

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		<p>between Wind Turbine Site and Ballance Plant</p> <p><u>Regional Fresh Water Plan for Taranaki</u></p> <p>Summary is in Table 2.3 of the AEE (pages 13-14)</p> <p>Appendix D.1 Regional Fresh Water Plan Rules Analysis</p> <p><u>8.8.2 Regional Air Quality Plan for Taranaki</u></p> <p>Summary is contained in section 8.8.2 (page 98) of the AEE</p>	
	iii. Any other requirements	Not applicable	Not applicable
	(g) Any relevant provision in any planning document recognised by a relevant iwi authority and lodged with a local authority, including:	Section 8.10 (page 99) of the AEE states Te Korowai is currently preparing a Kaitiaki Plan which is proposed to be adopted later in 2021 and provided to STDC and TRC. As the Kaitiaki Plan has not yet been adopted or filed with the local authority, no assessment of the	

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		application against this document is required.	
	i. Any relevant objectives, policies or rules	Not applicable	Not applicable
	ii. Any requirement, condition, or permission in any rules	Not applicable	Not applicable
	iii. Any other requirements	Not applicable	Not applicable
Clause 9(1)(i)	Information about any Treaty settlements that apply in the project area, including—	Yes Section 3.11.2 of the AEE (pages 24-25)	Yes
	(i) the identification of the relevant provisions in those Treaty settlements		
	(ii) a summary of any redress provided by those settlements that affects natural and physical resources relevant to the project or project area	Yes Section 3.11.2 of the AEE (pages 24-25) Section 7 of Appendix K.1 Te Korowai o Ngāruahine Trust Cultural Impact Assessment	Yes
Clause 9(1)(j)	The conditions that the applicant proposes for the resource consent	Yes Appendix O Proposed Conditions of Consent	Yes

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
Clause 9(4)(a)	<p>An assessment of the activity's effects on the environment that includes the following information (set out in clause 10 Schedule 6 of the Act):¹</p> <p>(a) an assessment of the actual or potential effects on the environment</p>	<p>Yes</p> <p>A summary is in section 7 (pages 65-90) of the AEE</p> <p>Appendix E NES-CS Matters</p> <p>Appendix G Landscape and Visual Effects Assessments</p> <p>Appendix H Noise Assessment</p> <p>Appendix J Ecological Assessments</p> <p>Appendix K Cultural Impact Assessments</p> <p>Appendix Q Traffic Impact Assessment</p> <p>Appendix S Risk Management Process and Quantitative Risk Assessment</p> <p>Appendix T Economic Impact Assessment</p>	Yes

¹ The application does not need to include any additional information specified in a relevant regional policy statement or plan that that would be required in an assessment of environmental effects under Schedule 4 of the RMA.

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		Appendix U Erosion and Sediment Control Plan	
	(b) if the activity includes the use of hazardous installations, an assessment of any risks to the environment that are likely to arise from such use	Yes Section 7.6.1 (pages 78-80) of the AEE Appendix S Risk Management Process and Quantitative Risk Assessment	Yes
	(c) if the activity includes the discharge of any contaminant, a description of— (i) the nature of the discharge and the sensitivity of the receiving environment to adverse effects; and (ii) any possible alternative methods of discharge, including discharge into any other receiving environment	Yes Discharge of stormwater and sediment is addressed in section 7.4.2 of the AEE (pages 72-74) Appendix J.3 Freshwater Ecological Assessment Appendix U Erosion and Sediment Control Plan Discharges to air are addressed in section 8.8.2 (page 98) of the AEE	Yes
	(d) a description of the mitigation measures (including safeguards and contingency plans where relevant) to	Yes	Yes

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
	be undertaken to help prevent or reduce the actual or potential effect of the activity	Section 7.12 (pages 88-90) of the AEE	
	(e) identification of persons who may be affected by the activity and any response to the views of any persons consulted, including the views of iwi or hapū that have been consulted in relation to the proposal	<p>Yes</p> <p>Section 6 (pages 57-64) of the AEE</p> <p>Appendix P Consultation and Surrounding Landowner / Occupier Information</p> <p>Appendix P.5 Letter from Ngāti Manuhiakai</p> <p>Appendix W Letters of Support/Written Approvals</p> <p>Appendix P.1 Stakeholder Engagement Register</p> <p>Appendix P.2 Letter Drop Record</p> <p>Appendix P.4 Letter from First Gas Limited</p> <p>Appendix P.5 Letter from Ngāti Manuhiakai</p> <p>Appendix P.6 Plan of Consultation Undertaken</p>	Yes

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
	(f) if iwi or hapū elect not to respond when consulted on the proposal, any reasons that they have specified for that decision	<p>Yes</p> <p>Section 6.6.4 (page 61) of the AEE states that Okahu-Inuawai Hapū have advised they are not supportive of the Project and have chosen to withdraw from further engagement on the Project at this time. Their correspondence is included in the Cultural Impact Assessment in Appendix K.</p>	Yes
	(g) if the scale and significance of the activity's effects are such that monitoring is required, a description of how the effects will be monitored and by whom, if the activity is approved	<p>Yes</p> <p>Section 7.13 (pages 90-91) of the AEE</p> <p>Section 5 of Appendix U Erosion and Sediment Control Plan</p>	Yes
	(h) an assessment of any effects of the activity on the exercise of a protected customary right	<p>Not applicable</p> <p>Section 7.8.4 of the AEE (page 85) states that the proposal does not involve activities in an area subject to the Marine and Coastal Area (Takutai Moana) Act 2011, nor are any adverse effects anticipated to affect</p>	Not applicable

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		the coastal marine area. The AEE states that the exercise of any protected customary right is not considered to be affected by this Project.	
Clause 9(4)(b)	<p>An assessment of the activity's effects that also covers the following matters (set out in clause 11 of Schedule 6 of the Act):</p> <p>(a) any effect on the people in the neighbourhood and, if relevant, the wider community, including any social, economic, or cultural effects</p>	<p>Yes</p> <p>Section 5.3 (pages 46-48) of the AEE</p> <p>Appendix T Economic Impact Assessment</p> <p>Appendix K.1 Te Korowai o Ngāruahine Trust Cultural Impact Assessment</p> <p>Appendix K.2 Ngāti Tu Cultural Impact Assessment</p>	Yes
	(b) any physical effect on the locality, including landscape and visual effects	<p>Yes</p> <p>A summary is contained in Section 7.3 (pages 66-70) of the AEE</p> <p>Appendix G Landscape and Visual Effects Assessments, comprising:</p>	Yes

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		<p>Appendix G.1 Landscape and Visual Effects Assessment</p> <p>Appendix G.2 Residential Amenity Assessment</p> <p>Appendix G.3 Graphic Supplement: Public Viewpoints</p> <p>Appendix G.4 Graphic Supplement: Private Viewpoints</p> <p>Appendix G.5 Graphic Supplement: Marae Viewpoints</p>	
	(c) any effect on ecosystems, including effects on plants or animals and physical disturbance of habitats in the vicinity	<p>Yes</p> <p>A summary is contained in section 7.4 (pages 70-74) of the AEE</p> <p>Appendix J Ecological Assessments, comprising:</p> <p>Appendix J.1 Ecological Impact Assessment</p> <p>Appendix J.2 Independent Review of Ecological Impact</p>	Yes

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		<p>Assessment of Kapuni Green Hydrogen Project by Boffa Miskell Limited</p> <p>Appendix J.3 Freshwater Ecological Assessment</p>	
	<p>(d) any effect on natural and physical resources having aesthetic, recreational, scientific, historical, spiritual, or cultural value, or other special value, for present or future generations</p>	<p>Yes</p> <p>Section 7.9.2 (page 86) of the AEE</p> <p>Aesthetic effects are addressed in:</p> <ul style="list-style-type: none"> • A summary is contained in Section 7.3 (pages 66-70) of the AEE • Appendix G Landscape and Visual Effects Assessments, comprising: <ul style="list-style-type: none"> • Appendix G.1 Landscape and Visual Effects Assessment • Appendix G.2 Residential Amenity Assessment 	<p>Yes</p>

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		<ul style="list-style-type: none"> • Appendix G.3 Graphic Supplement: Public Viewpoints • Appendix G.4 Graphic Supplement: Private Viewpoints • Appendix G.5 Graphic Supplement: Marae Viewpoints <p>Historic heritage is addressed in sections 3.11 and 3.12 of the AEE (pages 26-27)</p> <p>Appendix F Archaeological Assessment</p> <p>Effects on sites of significance to Māori and cultural values is addressed in section 7.8 (pages 82-86) of the AEE</p> <p>Appendix K.1 Te Korowai o Ngāruahine Trust Cultural Impact Assessment</p> <p>Appendix K.2 Ngāti Tu Cultural Impact Assessment</p>	

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
	(e) any discharge of contaminants into the environment and options for the treatment and disposal of contaminants	<p>Yes</p> <p>Discharge of stormwater and sediment is addressed in section 7.4.2 of the AEE (pages 72-74)</p> <p>Section 5 of Appendix E.3 Contaminated Site Management Plan</p> <p>Appendix J.3 Freshwater Ecological Assessment</p> <p>Appendix U Erosion and Sediment Control Plan</p> <p>Discharges to air are addressed in section 8.8.2 (page 98) of the AEE</p> <p>The options for disposal of contaminated soil (if there is any present) is outlined in the letter from Cam Twigley dated 24 August 2021.</p>	Yes
	(f) the unreasonable emission of noise	<p>Yes</p> <p>A summary is in section 7.5 (pages 74-77) of the AEE</p>	Yes

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
	(g) any risk to the neighbourhood, the wider community, or the environment through natural hazards or hazardous installations.	<p>Appendix H Noise Assessment</p> <p>Yes</p> <p>Section 7.6 (pages 78-82) of the AEE</p> <p>Appendix S Risk Management Process and Quantitative Risk Assessment</p>	Yes
Clause 9(5)	<p>Is there a cultural impact assessment?</p> <p>If a cultural impact assessment is provided, is it prepared by or on behalf of the relevant iwi authority?</p> <p>OR</p> <p>If a cultural impact assessment is not provided, a statement of reasons given by the relevant iwi authority for not providing that assessment</p>	<p>Yes</p> <p>Section 7.8.2 (pages 83-86) of the AEE states that the applicant has resourced Te Korowai and Ngāti Tu hapū to prepare CIAs for the Project, noting that an offer was also made to Ngāti Manuhiakai but they did not wish to prepare a CIA.</p> <p>Appendix K.1 Te Korowai o Ngāruahine Trust Cultural Impact Assessment</p> <p>Appendix K.2 Ngāti Tu Cultural Impact Assessment</p>	Yes

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		Appendix P.5 Letter from Ngāti Manuhiakai	
Clause 9(6)(a)	If a permitted activity is part of the proposal to which the consent application relates, a description that demonstrates that the activity complies with the requirements, conditions, and permissions for the permitted activity (so that a resource consent is not required for that activity under section 87A(1) of the RMA)	<p>Yes</p> <p>Appendix C South Taranaki District Plan Rules Analysis, comprising C.1 Wind Turbine Site, C.2 Ballance Plant and C.3 Electricity Infrastructure between Wind Turbine Site and Ballance Plant</p> <p>Appendix D.1 Regional Fresh Water Plan Rules Analysis</p> <p>Regional Air Quality Plan for Taranaki - summary is contained in section 8.8.2 (page 98) of the AEE</p> <p>Appendix E.2 NES-CS Analysis</p>	Yes
Clause 9(6)(b)	If the activity is to occur in an area that is within the scope of a planning document prepared by a customary marine title group under section 85 of the Marine and Coastal Area (Takutai Moana) Act 2011, an assessment of the activity against any resource management matters set out in that planning document (for the purposes of clause 30(3))	<p>Not applicable</p> <p>The AEE states that the proposed activities are not in an area within the scope of such a document.</p>	Not applicable

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
Clause 9(6)(c)	In the case of a referred project, all the additional information required by the relevant referral order.		
	<p>(a) a landscape and visual assessment, which must include—</p> <p>(i) photomontages, taken from a range of public vantage points and from a range of private properties beyond those immediately adjacent to the proposed wind turbine site, that show the scale of the proposed wind turbines in relation to views of Mount Taranaki; and</p> <p>(ii) an assessment of the effects on sightlines of Mount Taranaki when viewed from sites of importance to Māori (as determined in consultation with Te Korowai o Ngāruahine Trust and Ngāruahine hapū (as listed in clause 7(a));</p>	<p>Yes</p> <p>Appendix G Landscape and Visual Effects Assessments comprising:</p> <p>Appendix G.1 Landscape and Visual Effects Assessment</p> <p>Appendix G.2 Residential Amenity Assessment</p> <p>Appendix G.3 Graphic Supplement: Public Viewpoints</p> <p>Appendix G.4 Graphic Supplement: Private Viewpoints</p> <p>Section 7.8.3 (page 85) of the AEE states that the applicant has sought advice from Te Korowai and Ngāruahine hapū and the advice received was to assess sightlines from all marae within the Ngāruahine rohe.</p>	<p>Yes</p>

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		<p>Appendix G.5 Graphic Supplement: Marae Viewpoints</p> <p>Section 7.3.1 (pages 66-70) of the AEE. This includes a summary of the landscape effects of the power cable and the hydrogen facilities at the Ballance Plant on page 68-69.</p>	
	<p>(b) either—</p> <p>(i) a cultural impact assessment prepared by or on behalf of the Taranaki Māori Trust Board as the collective representative of Ngā Iwi o Taranaki; or</p> <p>(ii) if a cultural impact assessment is not provided, a statement of any reasons given by the Taranaki Māori Trust Board for not providing that assessment;</p>	<p>Yes</p> <p>Section 7.8.2 (pages 83-86) of the AEE states that the applicant has resourced Te Korowai and Ngāti Tu hapū to prepare CIAs for the Project, noting that an offer was also made to Ngāti Manuhiakai but they did not wish to prepare a CIA.</p> <p>Appendix K.1 Te Korowai o Ngāruahine Trust Cultural Impact Assessment</p> <p>Appendix K.2 Ngāti Tu Cultural Impact Assessment</p>	<p>Yes</p>

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		<p>Appendix K.3 Taranaki Maori Trust Board Letter clarifies the position of the Taranaki Maori Trust Board</p> <p>Appendix P.5 Letter from Ngāti Manuhiakai</p>	
	(c) an archaeological assessment;	<p>Yes</p> <p>A summary is contained in section 7.7 (page 82) of the AEE</p> <p>Appendix F Archaeological Assessment</p>	Yes
	(d) an ecological assessment, which must include an assessment of the effects of the project on indigenous vegetation, fauna, avifauna, aquatic ecology, and local water catchments;	<p>Yes</p> <p>A summary is contained in section 7.4 (pages 70-74) of the AEE</p> <p>Appendix J Ecological Assessments, comprising:</p> <p>Appendix J.1 Ecological Impact Assessment</p> <p>Appendix J.2 Independent Review of Ecological Impact Assessment of Kapuni</p>	Yes

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		Green Hydrogen Project by Boffa Miskell Limited Appendix J.3 Freshwater Ecological Assessment	
	(e) a traffic impact assessment, which must include an assessment of the effects of large vehicles transporting turbine sections to the project site;	Yes A summary is contained in section 7.5.1 (pages 77-78) of the AEE Appendix Q Traffic Impact Assessment	Yes - please see comments above in paragraph 17(b)
	(f) an acoustic assessment, which must include an assessment of construction noise, details of safeguards and contingencies in relation to noise and vibration effects, and the methods for monitoring and reporting;	Yes A summary is in section 7.5 (pages 74-77) of the AEE Appendix H Noise Assessment	Yes
	(g) a shadow flicker assessment for the proposed wind turbines;	Yes A summary is contained in section 7.3.2 (page 69) of the AEE Sections 5.3 and 7.2 of the Appendix G.1 Landscape and Visual Effects Assessment	Yes

Reference to clause in Schedule 6	Requirement	Is the information present? (include section/page reference)	Is the information provided in sufficient detail? Y/N
		Appendix G.4 Graphic Supplement: Private Viewpoints	
	(h) information to address the matters listed in section 20.5.10 (assessment matters for significant hazardous facilities) of the South Taranaki District Plan (as in force at 22 January 2021), which must include a risk assessment report.	<p>Yes</p> <p>Appendix S Risk Management Process and Quantitative Risk Assessment</p> <p>Section 7.6.1 (pages 78-80) of the AEE.</p> <p>Various other documents included in the application provide some of the relevant information e.g. consultation with iwi, policy analysis of the South Taranaki District Plan in Appendix R.1.</p>	Yes

ENDS