

Submission by Transpower New Zealand Limited

Proposed Waimakariri District Plan

26 November 2021

Keeping the energy flowing



Form 5

Submission on notified proposal for policy statement or plan, change or variation

Clause 6 of Schedule 1, Resource Management Act 1991

To Waimakariri District Council ("the Council")

Name of submitter: Transpower New Zealand Limited ("Transpower")

This is a submission on the following proposed plan ("the proposal"):

The Proposed Waimakariri District Plan ("Proposed District Plan").

Transpower could not gain an advantage in trade competition through this submission.

The specific provisions of the proposal that my submission relates to are:

The Proposed District Plan in its entirety insofar as it relates to the National Grid, and particularly the extent to which the provisions of the Proposed District Plan give effect to the National Policy Statement on Electricity Transmission 2008 ("NPSET"). A copy of the NPSET is attached at the end of this submission.

The specific details of Transpower's submission, and decisions sought in relation to the provisions of the Proposed District Plan, are set out in detail in the following table.

Transpower's submission is:

Executive Summary

The National Grid is nationally (and regionally) significant infrastructure that is recognised in the Resource Management Act 1991 ("RMA") context by the NPSET; the Resource Management (National Environmental Standards for Electricity Transmission Activities) Regulations 2009 ("NESETA") and the Canterbury Regional Policy Statement 2013 ("CRPS")¹.

The Proposed District Plan is required, amongst other things, to:

- (a) give effect to the provisions of the NPSET and CRPS; and
- (b) not be in conflict with, nor duplicate, the provisions of the NESETA.

Transpower acknowledges Council's intent to meet these obligations. Transpower is also appreciative of the opportunity to engage with the Council during the development of the Proposed District Plan, including the ability to provide drafting feedback.

It is Transpower's submission that the Proposed District Plan goes some way to achieving the statutory requirement set out above but that further amendments to the Proposed District Plan are required to:

- (a) give effect to the NPSET;
- (b) give effect to the CRPS;

¹ As published in July 2021 to include Change 1 to Chapter 6.

- (c) appropriately reflect the relationship of the provisions of the Proposed District Plan with the NESETA;
- (d) achieve the purpose of the RMA;
- (e) represent the most appropriate means of exercising Council's functions having regard to the efficiency and effectiveness of the provisions relative to other means; and
- (f) discharge Council's duty under section 32 of the RMA.

This submission outlines amendments to the Proposed District Plan that are necessary to meet these statutory requirements.

Background: The National Grid and Transpower's assets in Waimakariri

Transpower is the state-owned enterprise that plans, builds, maintains, owns and operates New Zealand's high voltage electricity transmission network, known as the National Grid, that carries electricity across the country. The National Grid connects power stations, owned by electricity generating companies, to substations feeding the local networks that distribute electricity to homes and businesses.

The National Grid extends from Kaikohe in the North Island to Tiwai Point in the South Island and comprises some 11,000 kilometres of transmission lines and cables and more than 170 substations, supported by a telecommunications network of some 300 telecommunication sites that help link together the components that make up the National Grid.

It is important to note that Transpower's role is distinct from electricity generation, distribution or retail. Transpower provides the required infrastructure to transport electricity from the point of generation to local lines distribution companies, which then supply electricity to everyday users. These users may be a considerable distance from the point of generation and as such, Transpower's assets traverse all regions.

Transpower's role and function is determined by the State-Owned Enterprises Act 1986; the company's Statement of Corporate Intent; and the regulatory framework within which it operates. Transpower does not generate electricity, nor does it have any retail functions.

Transpower's Statement of Corporate Intent for 1 July 2021, states that:

"Transpower is central to the New Zealand electricity industry, connecting New Zealanders to their power system through safe, smart solutions for today and tomorrow. Our principal commercial activities are:

- as grid owner, to reliably and efficiently transport electricity from generators to distributors and large users;

- as system operator, to operate a competitive electricity market and deliver a secure power system."

In line with these objectives, Transpower needs to efficiently maintain and develop the network to meet increasing demand; to connect new generation; and to ensure security of supply, thereby contributing to New Zealand's economic and social aspirations. It must be emphasised that the National Grid is an ever-developing system, responding to changing supply and demand patterns,

growth, reliability and security needs. A key part of this is connecting new renewable energy generation to the National Grid – Transpower expects demand for electricity to increase over time as New Zealand transitions to a zero-carbon economy, and Transpower is uniquely placed to assist with enabling that transition.

The National Grid has operational requirements and engineering constraints that dictate and constrain where it is located and the way it is operated, maintained, upgraded and developed. Operational requirements are set out in legislation, rules and regulations that govern the National Grid, including the Electricity Act 1992, the Electricity Industry Participation Code, the New Zealand Electrical Code of Practice for Electrical Safe Distances (“NZECP 34:2001”) and the Electricity (Hazard from Trees) Regulations 2003.

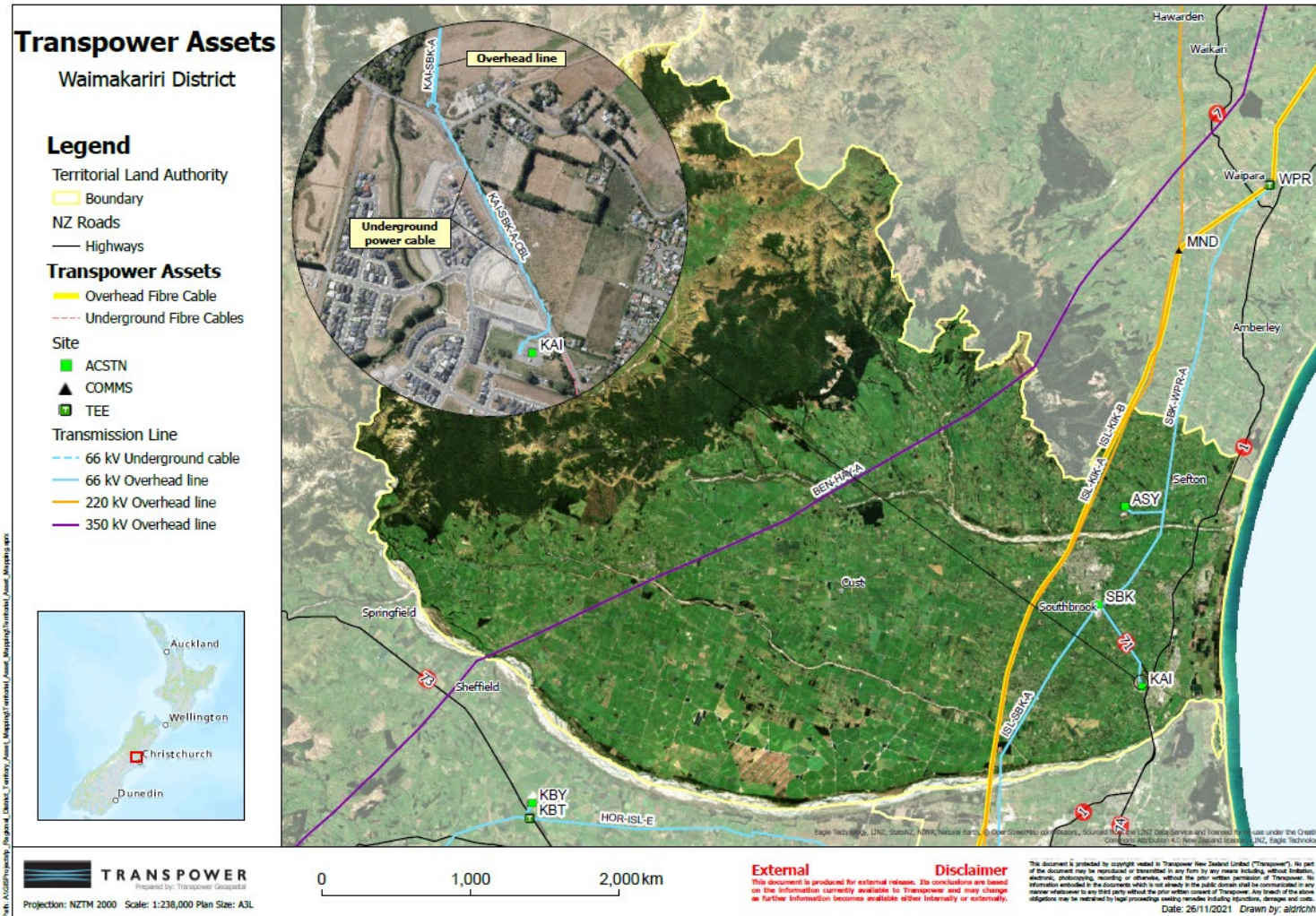
Transpower’s interest in the Proposed District Plan is because Transpower owns and operates assets within, and traversing, Waimakariri District. These assets include transmission lines, substations, communications cables and associated infrastructure. These assets supply electricity to people and communities in Waimakariri District and transmit electricity to much of the rest of New Zealand, including via the high voltage direct current (“HVDC”) link that connects the North Island and South Island parts of the National Grid.

Transpower’s assets in Waimakariri are:

- Benmore – Haywards A (BEN-HAY-A) 350kV HVDC overhead double circuit transmission line on steel towers;
- Ashley Deviation A (ASY-DEV-A) 66kV overhead double circuit transmission line on steel towers;
- Islington - Kikiwa A (ISL-KIK-A) 220kV overhead single circuit transmission line on steel towers;
- Islington - Kikiwa B (ISL-KIK-B) 220kV overhead double circuit transmission line on steel towers;
- Kaiapoi - Southbrook A (KAI-SBK-A) 66kV overhead double circuit transmission line on steel towers;
- Kaiapoi - Southbrook A (KAI-SBK-A-CBL) 66kV underground cable
- Southbrook - Waipara A (SBK-WPR-A) 66kV overhead double circuit transmission line on steel towers;
- Islington - Southbrook A (ISL-SBK-A) 66kV overhead double circuit transmission line on steel towers;
- Ashley substation;
- Kaiapoi substation; and
- Southbrook substation.

The location of these assets is show on the following plan.

Figure 1: Transpower Assets in Waimakariri



The Resource Management Act 1991 and the National Grid

The national significance of the National Grid is recognised, in an RMA context, by the NPSET and the NESETA. These documents apply only to the National Grid, and do not apply to local electricity distribution networks, nor lines owned and operated by electricity generators. Much of Transpower's submission on the Proposed District Plan is focussed on the requirements of the NPSET.

National Policy Statement on Electricity Transmission 2008

The NPSET was gazetted on 13 March 2008 and confirms the national significance of the National Grid and provides policy direction in relation to:

- recognising the benefits of the National Grid;
- managing the adverse effects on the environment of the National Grid;
- managing the adverse effects of land use and development on the National Grid; and
- long term strategic planning for transmission assets.

A key reason for introducing the NPSET in 2008 was to resolve the inconsistencies that resulted from the variable provision for the National Grid in RMA plans and policy statements. This variance was despite the fact that the National Grid is largely the same across the country. In promoting the NPSET, central government accepted the importance of, and benefits of, a nationally consistent approach to decisions on transmission activities. The preamble of the NPSET highlights that the National Grid has particular physical characteristics and operational/security requirements that create challenges for its management under the RMA, and it is important there are consistent policy and regulatory approaches by local authorities.

The single Objective of the NPSET is as follows:

“To recognise the national significance of the electricity transmission network by facilitating the operation, maintenance and upgrade of the existing transmission network and the establishment of new transmission resources to meet the needs of present and future generations, while:

- *managing the adverse environmental effects of the network; and*
- *managing the adverse effects of other activities on the network.”*

The NPSET Objective is supported by fourteen Policies. In a general sense these policies address the following:

- Policy 1: Recognising the benefits of the National Grid;
- Policy 2: Recognising and providing for the effective operation, maintenance, upgrading and development of the National Grid;
- Policies 3 to 5: Weighing the management of environmental effects against the operational constraints, site/route selection approach, and the requirements of existing assets;
- Policies 6 to 8: Reducing, minimising and avoiding adverse effects in differing contexts;
- Policy 9: Potential health effects;
- Policies 10 and 11: Managing adverse effects on the National Grid and providing for “buffer corridors”;
- Policy 12: Mapping the National Grid; and

- Policies 13 and 14: Long-term development and planning for transmission assets.

Sections 55 and 75(3) of the RMA require the Council to give effect to the objectives and policies of the NPSET in the Proposed District Plan. The requirement to 'give effect to' is a strong directive that requires the provisions of the Proposed District Plan to reflect the direction and intent of the NPSET.

Giving effect to the NPSET will ensure that:

- the National Grid is able to be safely, effectively and efficiently operated, maintained, upgraded and developed to provide a reliable, safe and secure supply of electricity to Waimakariri and beyond; and
- the adverse effects of development in proximity to the National Grid are appropriately managed and are reduced, minimised or avoided depending on the context in which the development occurs.

Resource Management (National Environmental Standards for Electricity Transmission Activities) Regulations 2009

The NESETA came into effect on 14 January 2010 and sets out a national regulatory framework for activities related to existing National Grid lines, including the operation, maintenance and upgrading of such lines. The NESETA specifies permitted electricity transmission activities (subject to standards) and sets out resource consent requirements where these activities do not meet the standards. The NESETA only applies to the Transpower's National Grid lines that existed at 14 January 2010 and does not apply to new transmission lines or new or existing substations.

Under section 44A of the RMA, local authorities are required to ensure that there are no duplications or conflicts between the provisions of the NESETA and a proposed plan. That said, there are situations where the NESETA Regulations defer to a district plan. It is therefore important that the relevant district plan provisions (particularly in respect of 'natural areas') are consistent with the intent and effect of the NESETA Regulations.

Canterbury Regional Policy Statement 2013

Section 75(3) of the RMA also requires the Proposed Plan to give effect to a regional policy statement. The operative CRPS (republished in July 2021) includes the following Policy 16.3.4 that is specific to the National Grid and must be given effect to:

"16.3.4 Reliable and resilient electricity transmission network within Canterbury

To encourage a reliable and resilient national electricity transmission network within Canterbury by:

1. *having particular regard to the local, regional and national benefits when considering operation, maintenance, upgrade or development of the electricity transmission network;*
2. *avoiding subdivision, use and development including urban or semi urban development patterns, which would otherwise limit the ability of the electricity transmission network to be operated, maintained, upgraded and developed;*
3. *enabling the operational, maintenance, upgrade, and development of the electricity transmission network provided that, as a result of route, site and method selection, where;*
 - a. *the adverse effects on significant natural and physical resources or cultural values are avoided, or where this is not practicable, remedied or mitigated; and*

b. other adverse effects on the environment are appropriately controlled.”

Transpower’s submission

Transpower generally supports many of the provisions included in the Proposed District Plan such as:

- those provisions that give effect to the NPSET and the CRPS;
- the provisions that are consistent with, and do not conflict with, the NESETA;
- objectives and policies (and accompanying definitions) that recognise the national significance of the National Grid by providing for the operation, maintenance, repair, upgrade and development of infrastructure (including nationally and regionally significant infrastructure);
- provisions that recognise the specific needs for, and needs of, infrastructure (including nationally and regionally significant infrastructure) with reference to functional needs and operational needs;
- the inclusions of rules that regulate activities, buildings and subdivision in the vicinity of the National Grid; and
- the identification of the National Grid (and National Grid Yard) on the planning maps.

Transpower also acknowledges and supports the incorporation by reference of the following:

- the New Zealand Electrical Code of Practice for Electrical Safe Distances NZECP 34:2001;
- International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time varying electric and magnetic fields (1Hz to 100kHz) (Health physics, 2010, 99(6); 818-836); and
- World Health Organisation monograph Environmental Health Criteria (No. 238, June 2007.

Further, Transpower acknowledges the inclusion of Transpower’s designations in the Proposed District Plan, including the minor amendments sought in Transpower’s ‘roll-over’ notice.

Notwithstanding this general support, Transpower’s detailed submission (including the matters set out in the following table) highlights areas where provisions need to be added, deleted or amended to:

- fully give effect to the NPSET;
- fully give effect to the CRPS;
- recognise the benefits of, and national significance of, the National Grid and enable its operation, maintenance, upgrade and development;
- reflect Transpower’s nationally consistent and evolving approach to the management of activities near the National Grid (including those provisions included in the District Plans in neighbouring jurisdictions;
- meet the requirements of section 32 and 75 of the RMA; and
- achieve the purpose of the RMA.

In this regard, key elements of Transpower’s relief seeks provisions that:

- include a new definition of ‘National Grid Subdivision Corridor’ to establish an appropriate area within which subdivision in the vicinity of the National Grid is regulated;
- provide direction through advice notes to the NESETA, NZECP34:2001 and the Electricity (Hazards from Trees) Regulations 2003;

- clarify and provide more specific direction in respect of where the Energy and Infrastructure provisions prevail and where other chapters are relevant so that the Proposed District Plan does not, inadvertently or otherwise, result in a more stringent, confusing and/or cumbersome regulatory regime for the National Grid by virtue of a rule overlaps and duplication;
- align the 'effects tests' provisions for the development of the National Grid with the direction given in the NPSET;
- enable the consideration of the benefits of the National Grid through a new matter of discretion;
- appropriately enable the operation, maintenance, upgrading and development of the National Grid within various overlays, including by recognising the operational needs and functional needs of the National Grid;
- ensure the National Grid is identified on ODPs for development areas and that the provisions that protect the National Grid apply in all cases;
- refine the way the National Grid is shown on the planning maps.

In addition, Transpower's submission seeks the withdrawal of three notices of requirement for designations given by the Council where those proposed designations are over land that accommodates the National Grid and the proposed designations fail to consider or address the potential effects of the proposed designation on the National Grid.

The following table sets out a range of detailed amendments to the Proposed District Plan to achieve the matters outlined above.

Transpower seeks the following decision from the local authority:

Amend the Proposed District Plan to make all required changes, including the specific amendments set out in the following table, and such further alternative or consequential relief as may be necessary to fully give effect to this submission.

Transpower welcomes the opportunity, and is available, to work alongside the Council to further develop the Proposed District Plan in response to this submission and the submissions made by other parties.

Transpower wishes to be heard in support of its submission.

Due to the specific interests of Transpower, and particularly the national significance of the National Grid, Transpower will not consider presenting a joint case.



Signature of person authorised to sign
on behalf of Transpower New Zealand Limited

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Transpower New Zealand Limited: Submission on the Proposed Waimakariri District Plan

The following table sets out the decisions sought by Transpower, including specific amendments to the provisions of the Proposed District Plan (shown in red underline and ~~red strikethrough~~) and further reasons, in addition to those set out above, for Transpower's support for, or opposition to, the notified provisions of the Proposed District Plan.

Provision	Support/Oppose	Submission/Reasons	Decision Sought
PART 1 – INTRODUCTION AND GENERAL PROVISIONS			
Te whakamahi māhere - How the plan works			
General Approach – Advice notes	Support in part	<p>Transpower generally supports the inclusion of Advice notes that may be relevant to more than one chapter in the Proposed District Plan and seeks that the advice notes be expanded to refer to the following matters that also have relevance across a number of chapters:</p> <ul style="list-style-type: none"> the Resource Management (National Environmental Standards for Electricity Transmission Activities) Regulations 2009 (NESETA); the New Zealand Electrical Code of Practice for Electrical Safe Distances NZECP 34:2001 (NZECP34:2001) the Electricity (Hazards from Trees) Regulations 2003. <p>As a consequence, Transpower also seeks that the advice notes in relevant chapters are also amended to reference these matters.</p>	<p>Amend the advice notes to include the following:</p> <p>“The following advice notes are common to one or more chapters within the District Plan. Other advice notes exist within the various chapters that are specific to the chapter. These may appear either near the end of the chapter above the matters of discretion section, or in some cases within the rule for which it applies, as an advisory note.</p> <p><u>GA-ANX The NESETA contain separate regulations for the operation, maintenance, upgrading, relocation or removal of transmission lines that were operating, or able to be operated, on or prior to 14 January 2010 and remain part of the National Grid. Except as provided for by the regulations in the NESETA, no rules in a Plan apply to such activities. An activity that does not relate to an existing transmission line that is part of the National Grid, or where new transmission lines and associated structures are proposed, rules and standards in a plan apply.</u></p> <p><u>GA-ANY NZECP 34:2001 includes restrictions on the location of buildings, structures, and activities in relation to the National Grid and electricity distribution lines. Buildings, structures, and activities in the vicinity of the National Grid or electricity distribution lines must comply with the NZECP 34:2001. Compliance with the rule requirements of the District Plan does not ensure compliance with NZECP 34:2001 or vice versa.</u></p> <p><u>GA-ANZ The Electricity (Hazards from Trees) Regulations 2003 includes regulations to protect the security of the supply of electricity, and the safety of the public, by prescribing distances from conductors within which trees must not encroach and setting rules about the responsibilities for cutting or trimming trees</u></p>

Provision	Support/Oppose	Submission/Reasons	Decision Sought
			<p><u>that encroach on conductors. Compliance with these Regulations is mandatory.</u></p> <p>As a consequence, amend the advice notes in relevant chapters to also reference these matters.</p>
Cross-boundary matters	Support	<p>Transpower generally supports the description of cross-boundary matters, particularly in respect of the acknowledgement that linear infrastructure may give rise to cross-boundary issues. Transpower notes that this is also acknowledged in the Preamble to the NPSET that states:</p> <p><i>“The transmission network is an extensive and linear system which makes it important that there are consistent policy and regulatory approaches by local authorities.”</i></p>	Retain the cross-boundary matters as notified.
Interpretation			
Definitions			
Definitions “Conductor”	Support	Transpower supports the definition of “conductor” on the basis that the definition is consistent with the definition included in the NESETA.	Retain the definition of “conductor” as notified.
Definitions “Critical infrastructure”	Support	Transpower supports the definition of “critical infrastructure” on the basis that the definition is generally consistent with the definition included in the CRPS.	Retain the definition of “critical infrastructure” as notified.
Definitions “Electricity distribution line”	Support in part	Transpower generally supports the definition of “electricity distribution line” but seeks a limited amendment or clarification to ensure that electricity distribution is distinguished from electricity transmission in the Proposed District Plan.	Amend the definition of “electricity distribution line” as follows: “means the lines and associated poles, pi-poles and <u>towers that are not part of the National Grid and are</u> utilised by a network utility operator to distribute electricity.”
Definitions “Electricity transmission”	Support	Transpower supports the definition of “electricity transmission” on the basis that the definition is appropriate because it is achieved through cross-reference to the NPSET.	Retain the definition of “electricity transmission” as notified.
Definitions “National Grid”	Support	Transpower supports the definition of “National Grid” on the basis that the definition is appropriate because it is achieved through cross-reference to the NPSET.	Retain the definition of “National Grid” as notified.
Definitions	Support	Transpower supports the definition of “National Grid support structure” to the extent that it is necessary to the interpretation of various rules in the Proposed District Plan and on the basis that the	Retain the definition of “National Grid support structure” as notified.

Provision	Support/Oppose	Submission/Reasons	Decision Sought
"National Grid support structure"		definition is similar to the definitions of 'transmission line support structure' included in the NESETA.	
Definitions "National Grid Yard"	Support in part	<p>Transpower generally supports the inclusion of a definition of "National Grid Yard" on the basis that such a definition is necessary for the implementation of associated rules. That said, Transpower seeks limited amendments so that the definition aligns with definitions elsewhere in the Proposed District Plan and is consistent with the National Grid Yard definition that is used in district plans throughout New Zealand.</p> <p>If necessary or desirable, Transpower can provide a diagram to accompany this definition.</p>	<p>Amend the definition of "National Grid Yard" as follows: "means:</p> <p>a. the area located 12m in any direction from the outer <u>visible</u> edge of a <u>foundation of a 220kV or a 350kV</u> National Grid transmission line support structure; or</p> <p>b. the area located 10m in any direction from the outer edge of a 66kV National Grid transmission line support structure; and</p> <p>eb. the area located 10m either side of the centreline of an overhead 66kV National Grid transmission line on towers (including tubular steel towers where these replace lattice steel towers); or</p> <p>ec. the area located 12m either side of the centreline of any overhead 220kV or 350kV National Grid transmission line on towers (including tubular steel towers where these replace lattice steel towers)."</p>
Definitions "Pole"	Support	Transpower supports the definition of "pole" to the extent that the definition is generally consistent with the definition of "pole" included in the NESETA.	Retain the definition of "pole" as notified.
Definitions "Regionally significant infrastructure"	Support	Transpower supports the definition of "regionally significant infrastructure" on the basis that the definition is generally consistent with the definition included in the CRPS.	Retain the definition of "regionally significant infrastructure" as notified.
Definitions "Reverse sensitivity"	Support in part	Transpower generally supports the inclusion of a definition of "reverse sensitivity" but seeks limited amendments to improve grammar and clarity.	<p>Amend the definition of "reverse sensitivity" as follows: "means the potential for the operation of an existing lawfully established activity to be compromised, constrained, or curtailed by the more recent establishment or alteration of another activity which that may be sensitive to the actual, potential or perceived adverse environmental effects generated by the an existing activity."</p>
Definitions "Sensitive activity"	Support	Transpower generally supports the inclusion of a definition of "sensitive activity" in the Proposed District Plan on the basis that such a definition is necessary for the implementation of associated rules relating to sensitive activities in the vicinity of the National Grid. Transpower considers that the definition is generally consistent with the definition included in the NPSET.	Retain the definition of "sensitive activity" as notified.

Provision	Support/Oppose	Submission/Reasons	Decision Sought
Definitions “Strategic infrastructure”	Support	Transpower supports the definition of “strategic infrastructure” on the basis that the definition is generally consistent with the definition included in the CRPS.	Retain the definition of “strategic infrastructure” as notified.
Definitions “Tower”	Support	Transpower supports the definition of “tower” to the extent that the definition is generally consistent with the definition of “tower” included in the NESETA.	Retain the definition of “tower” as notified.
Definitions “Transmission line”	Support	Transpower supports the definition of “transmission line” on the basis that the definition is appropriate because it is achieved through cross-reference to the NESETA.	Retain the definition of “electricity transmission” as notified.
Definitions “Upgrading”	Oppose	Transpower opposes the inclusion of a definition of ‘upgrading’ in the Proposed District Plan on the basis that the definition adds unnecessary complexity and regulation. That is, the definition relates to the natural hazards chapter only and appears to confine what may be considered to be upgrading (taking a different approach to the rules that relates to upgrading of infrastructure in the infrastructure and energy chapter). Transpower considers that the rationale for differing rule framework is not clear nor justified in the accompanying Section 32 Reports. Further, Transpower considers that this is an example of a situation where the relationship between the chapters in the Proposed District Plan results in an overly complex rule framework. Transpower’s submission (as set out elsewhere) seeks that the Proposed District Plan includes a clear direction in respect of the rules that do, and do not, apply to infrastructure.	Delete the definition of “upgrading”.
Definitions New – “National Grid Subdivision Corridor”	Oppose	Consistent with the relief sought by Transpower elsewhere in this submission, Transpower seeks the inclusion of a new definition of “National Grid Subdivision Corridor” on the basis that such a definition is necessary for the implementation of associated rules (as amended by this submission) and therefore give effect to Policies 10 and 11 of the NPSET. The proposed definition establishes appropriate, and nationally consistent, distances (measured from the centreline of a transmission line) within which subdivision activities are regulated. The distance is established based on an average calculated measurement of maximum conductor swing in high wind conditions.	Insert the following new definition of “National Grid Subdivision Corridor”: “ <u>means</u> <u>a. the area 32m either side of the centreline of an above ground 66kV transmission lines on towers (including tubular steel towers where these replace steel lattice towers);</u> <u>b. the area 37m either side of the centreline of an above ground 220kV transmission line;</u> <u>c. the area 39m either side of the centreline of an above ground 350kV transmission line.</u> ”

Provision	Support/Oppose	Submission/Reasons	Decision Sought
		If necessary or desirable, Transpower can provide a diagram to accompany this definition.	
PART 2 – DISTRICT WIDE MATTERS			
Strategic Directions			
SD - Rautaki ahunga - Strategic Directions Interpretation and application of this chapter	Support	Transpower considers that it is critical that the Proposed District Plan clearly states the purpose of the Strategic Direction objectives so that there is no ambiguity in future RMA planning approval processes, including in respect of whether there is any hierarchy within the Proposed District Plan. Transpower supports the interpretation guidance to the extent that it anticipates that the strategic directions provisions provide guidance to other parts of the Proposed District Plan and because it is clear that there is no hierarchy between provisions.	Retain the ‘Interpretation and application of this chapter’ guidance as notified.
SD - Rautaki ahunga - Strategic Directions Objective SD-O1 Natural Environment	Support in part	Transpower generally supports Objective SD-O1 to the extent that the Objective is generally consistent with matters of national importance that must be recognised and provided for that are set out in section 6 of the RMA. Transpower seeks a limited amendment to clause (2) to clarify what it is that outstanding natural features and outstanding natural landscapes are being protected from.	Amend Objective SD-O1 Natural environment as follows: “Across the District: 1. there is an overall net gain in the quality and quantity of indigenous ecosystems and habitat, and indigenous biodiversity; 2. the natural character of the coastal environment, freshwater bodies and wetlands is preserved or enhanced, or restored where degradation has occurred; 3. outstanding natural features and outstanding natural landscapes are identified and their values recognised and protected <u>from inappropriate subdivision, use and development</u> ; 4.”
SD - Rautaki ahunga - Strategic Directions Objective SD-O3 Energy and infrastructure	Support	Transpower generally supports Objective SD-O3, and particularly clause (2), to the extent that the Objective gives effect to the NPSET. Transpower notes the use of the term “manage” in respect of potential adverse effects and considers that this term is appropriate on the basis that it allows for the full range of responses to adverse effects (from avoidance through to offsetting and compensation) in more specific provisions elsewhere in the Proposed District Plan.	Retain Objective SD-O3 Energy and Infrastructure as notified.
Āhuatanga auaha ā tāone - Urban Form and Development			
UFD - Āhuatanga auaha ā tāone -	Support in part	Transpower generally supports Policy UFD-P10, but seeks limited amendments to:	Amend Policy UFD-P10 Managing reverse sensitivity effects from new development as follows:

Provision	Support/Oppose	Submission/Reasons	Decision Sought
Urban Form and Development Policy UFD-P10		<ul style="list-style-type: none"> Clarify that development (including residential activity) can have direct adverse effects on infrastructure, such as the National Grid, as opposed to just reverse sensitivity effects. Such effects could include presenting an obstacle to access for maintenance and repair or land disturbance that may compromise support structures. Clarify that residential activity can be directly adversely affected by infrastructure. Refer to 'maintenance' activities, alongside 'operation' and 'upgrade' in a manner that is consistent with Policies 2 and 5 of the NPSET. 	<p>"UFD-P10 Managing reverse sensitivity effects, including reverse sensitivity effects, from and on new development</p> <p>Within Residential Zones and new development areas in Rangiora and Kaiapoi:</p> <ol style="list-style-type: none"> avoid residential activity development that has the potential to <u>be impacted by or</u> limit the efficient and effective operation, <u>maintenance</u> and upgrade of critical infrastructure, strategic infrastructure, and regionally significant infrastructure, including avoiding noise sensitive activities within the Christchurch Airport Noise Contour, unless within an existing Residential Zone; minimise reverse sensitivity effects on primary production from activities within new development areas through setbacks and screening, without compromising the efficient delivery of new development areas."
Energy, Infrastructure and Transport			
EI - Pūngao me te hanganga hapori - Energy and infrastructure Other potentially relevant District Plan provisions	Oppose	<p>Transpower opposes the directions in relation to the other potentially relevant District Plan provisions on the basis that the direction provides no clarity in terms of whether rules in other chapters apply to infrastructure, or whether the rules in the energy and infrastructure chapter are generally intended to provide a standalone suite of provisions. Transpower considers, as currently drafted, that this directive text has the effect of applying all rules to infrastructure activities even when the activity is provided for in the energy and infrastructure chapter. For example, Rule EI-R24 provides for new overhead transmission lines and electricity distribution lines and supporting poles and towers subject to standards in respect of historic heritage and natural environment overlays yet this introductory/direction text would indicate that Rule NFL-R5 Structures and buildings also applies.</p> <p>Transpower considers that it is vital that the Proposed District Plan is amended to clarify where the Energy and Infrastructure provisions prevail and where other chapters are relevant. A recent example is the direction given in the Selwyn District Plan as follows:</p> <p><i>"As required by the National Planning Standards, unless relating specifically to a Special Purpose Zone, the 'Energy, Infrastructure and Transport' heading has been created to be self-contained for all energy, transport and infrastructure works and activities. Under the</i></p>	<p>Amend other potentially relevant District Plan provisions to explicitly set out where the Energy and Infrastructure provisions prevail and where (through direct cross-reference) other chapters include relevant rules.</p>

Provision	Support/Oppose	Submission/Reasons	Decision Sought
		<p><i>National Planning Standards it is permitted to have more than one chapter covering these matters under the 'Energy, Infrastructure and Transport' heading. In this Plan, energy and infrastructure matters are contained in a separate chapter to transport matters.</i></p> <p><i>The Energy and Infrastructure chapter is designed to work in the following way:</i></p> <ol style="list-style-type: none"> <i>1. Within this chapter there may be a number of Plan provisions that apply to a non-energy or important infrastructure related activity where they affect an energy or important infrastructure activity. For example, the establishment of a new, or expansion of an existing sensitive activity. In these cases both the provisions within this Chapter apply as well as all other relevant provisions within this Plan.</i> <i>2. Regarding energy or important infrastructure activities, while most of the relevant provisions are contained within this chapter, where an activity is located within the Port Zone or the Dairy Processing Zone (both of which are Special Purpose Zones), those chapter provisions must also be considered. Moreover, all activities must be assessed against the Transport chapter. Additionally, the objectives, policies, and methods for managing reverse sensitivity effects relating to noise sensitive activities establishing in proximity to important infrastructure are managed under the Noise Chapter of this Plan.</i> <i>3. Where a rule or rule requirements from another chapter has been cross-referenced within this chapter, the relevant associated objectives and policies also apply when assessing an application for resource consent.</i> <i>4. Where an activity is within an Overlay, the associated objectives and policies from the relevant chapter for that overlay also apply when assessing an application for resource consent.</i> <p><i>Details of the steps Plan users should take to determine the status of an activity is provided in the How the Plan Works."</i></p>	
<p>EI - Pūngao me te hanganga hapori - Energy and infrastructure</p>	<p>Support in part</p>	<p>Transpower generally supports Objective EI-O1 and, insofar as it relates to the National Grid, considers that the Objective gives effect to the NPSET (particularly Policies 1 and 2) and the CRPS Policy 16.3.4. Transpower seeks a limited amendment to reflect the fact that the benefits of nationally significant infrastructure, such as the</p>	<p>Amend Objective EI-O1 Provision of energy and infrastructure as follows: "Across the District:</p> <ol style="list-style-type: none"> 1. efficient, effective, resilient, safe and sustainable energy and infrastructure, including critical infrastructure, strategic infrastructure and regionally significant infrastructure, is developed

Provision	Support/Oppose	Submission/Reasons	Decision Sought
Objective EI-O1 Provision of energy and infrastructure		National Grid, may accrue beyond the district. This is consistent with the Preamble to the NPSET that states: <i>“The adverse environmental effects of the transmission network are often local – while the benefits may be in a different locality and/or extend beyond the local to the regional and national – making it important that those exercising powers and functions under the Act balance local, regional and national environmental effects (positive and negative)”.</i> Further, it is considered that this amendment is more consistent with implementing Policy EI-P1.	and maintained to benefit the social, economic, cultural and environmental well-being of the District, <u>region and nation</u> including in response to future needs such as increased sustainability, and changing techniques and technology; ...”
EI - Pūngao me te hanganga hapori - Energy and infrastructure Objective EI-O2 Adverse effects of energy and infrastructure	Support in part	Transpower generally supports Objective EI-O2 and considers that, insofar as the Objective relates to the National Grid, the outcome sought is consistent with (and gives effect to) the approach to managing effects set out in the NPSET. Transpower considers there is merit in replacing ‘avoid, remedy or mitigate’ with ‘manage’ so that the breadth of responses is available, including offsetting or compensation.	Amend Objectives EI-O2 Adverse effects of energy and infrastructure as follows: “Adverse effects of energy and infrastructure on the qualities and characteristics of surrounding environments and community well-being are <u>managed avoided, remedied or mitigated.</u> ”
EI - Pūngao me te hanganga hapori - Energy and infrastructure Objective EI-O3 Effects of other activities and development on energy and infrastructure	Support	Transpower supports Objective EI-O3 and considers that, insofar as the Objective relates to the National Grid, the outcome sought is consistent with (and gives effect to) the approach to managing effects on the National Grid set out in Policies 10 and 11 of the NPSET.	Retain Objectives EI-O3 Effects on other activities and development on energy and infrastructure as notified.
EI - Pūngao me te hanganga hapori - Energy and infrastructure Policy EI-P1 Recognising the benefits of, and providing for,	Support in part	Transpower generally supports Policy EI-P1 and considers that, insofar as the Policy relates to the National Grid, the Policy gives effect to the NPSET and Policy 16.3.4 of the CRPS. That said, Transpower seeks limited amendments to the Policy to ensure that clause (4) as notified is understood to be read as an outcome alongside and in addition to the matters enabled by clause (1), as opposed to being a subset of those matters.	Amend Policy EI-P1 Recognising the benefits of, and providing for, energy and infrastructure as follows: “Recognise the local, regional or national benefits of energy and infrastructure, <u>including the effective, safe, secure and efficient electricity transmission, electricity distribution, and supply of fuel and energy.</u> through: 1. enabling the operation, maintenance, repair, renewal, removal and minor upgrade of energy and infrastructure;

Provision	Support/Oppose	Submission/Reasons	Decision Sought
energy and infrastructure			<p>2. providing for more than minor or significant upgrades to existing, and the development of new, energy and infrastructure;</p> <p>3. providing for energy and infrastructure that serves as a lifeline utility during an emergency, including critical infrastructure, strategic infrastructure and regionally significant infrastructure;</p> <p>4. providing for the effective, safe, secure and efficient electricity transmission, including on the National Grid, electricity distribution, and supply of fuel and energy;</p> <p>45. providing for the effective, reliable and future-proofed communication networks and services;</p> <p>56. providing for the effective, resilient, efficient and safe water supply, wastewater system and stormwater infrastructure; and community scale irrigation/stockwater;</p> <p>67. enabling energy and infrastructure that has a particular focus on the utilisation of renewable resources and which contribute to sustainable use of natural and physical resources;</p> <p>78. enabling feasibility investigations into renewable energy including for renewable electricity generation;</p> <p>89. providing for renewable energy and renewable electricity generation including small scale or community scale renewable electricity generation; and</p> <p>910. the provision of an adequate supply of water for firefighting in accordance with SNZ PAS 4509:2008 New Zealand Fire Service Firefighting Water Supplies Code of Practice.”</p>
EI - Pūngao me te hanganga hapori - Energy and infrastructure Policy EI-P3 New Technologies and techniques	Support	Transpower generally supports Policy EI-P3 and considers that the Policy appropriate allows for the technology and approaches to the provision of infrastructure to evolve over time. Transpower considers that this is particularly important to enable responses to increased demand for electricity as New Zealand transitions to a zero-carbon economy.	Retain Policy EI-P3 New technologies and techniques as notified.
EI - Pūngao me te hanganga hapori - Energy and infrastructure	Support in part	Transpower supports Policy EI-P5 and considers that, while relatively verbose, the Policy (as it relates to the National Grid) generally reflects the nuanced approach to the management of adverse effects set out in the NPSET Policies 7, 8 and 9 applied to a Waimakariri District context, including relevant considerations in	Amend Policy EI-P5 Manage adverse effects of energy and infrastructure as follows: “Manage adverse effects of energy and infrastructure, including by the following:

Provision	Support/Oppose	Submission/Reasons	Decision Sought
Policy EI-P5 Manage adverse effects of energy and infrastructure		<p>NPSET Policies 3, 4 and 5. Transpower seeks limited further amendments to the Policy as follows:</p> <ul style="list-style-type: none"> the deletion of “or providing for” from clause (1) to give effect to NPSET Policy 5 and be consistent with Policy EI-P1; the addition of “an existing” in clause (2) to improve grammar and give effect to Policy 7 of the NPSET; the deletion of “considered” from clause (3) to avoid any possibility that the term creates ambiguity; the inclusion of a new clause (x) to capture the direction given in NPSET Policy 6; an addition and deletion in clause (6) to better reflect NPSET Policy 9 and the requirement in the NESETA regulations to achieve compliance with the relevant standards. <p>In this regard, Transpower notes that, in the case of many recently developed district plans, giving effect to the NPSET has been more efficiently achieved through a standalone National Grid policy or policies. Transpower acknowledges that such an approach may be appropriate alternative relief in order to properly give effect to the NPSET (should this not be able to be easily achieved through a generic policy such as Policy EI-P5).</p>	<ol style="list-style-type: none"> enabling or providing for the ongoing operation, maintenance, repair, renewal, removal and minor upgrade of existing energy and infrastructure; avoiding, remedying or mitigating adverse effects of more than minor upgrades to existing energy and infrastructure, including effects on: <ol style="list-style-type: none"> natural and physical resources; amenity values; <u>an existing</u> sensitive activity; the safe and efficient operation of other infrastructure; the health, safety and well-being of people and communities; new energy and infrastructure, or major upgrades to existing energy and infrastructure, should, to the extent considered practicable, ensure that the route or site is located outside of the following types of sensitive environments to protect such environments from significant adverse effects, taking into account the constraints imposed by the functional need or operational need of the energy and infrastructure: <ol style="list-style-type: none"> ONF, ONL and SAL; areas of ONC, VHNC and HNC, and natural character of scheduled freshwater bodies setbacks; SNAs; buildings, other structures and settings with heritage values, and archaeological sites; SASM; places adjoining the coastal marine area; <p><u>x. the development of new energy and infrastructure, or major upgrades to existing energy and infrastructure, should be used as an opportunity to reduce existing adverse effects where appropriate to do so;</u></p> <ol style="list-style-type: none"> where new energy and infrastructure, or major upgrades to existing energy and infrastructure, cannot locate outside of the sensitive environments in (3) above, the energy and infrastructure should, to the extent considered practicable, ensure that the proposed route, site, structure and construction method demonstrate the following,

Provision	Support/Oppose	Submission/Reasons	Decision Sought
			<p>taking into account the constraints imposed by the functional need or operational need of the energy and infrastructure:</p> <ol style="list-style-type: none"> energy and infrastructure will be located in more compromised parts of the areas in (3) above where that reduces adverse effects on the values of those areas; techniques (such as structure selection or construction methodology) will be used to mitigate adverse effects on the areas in (3) above; adverse effects on the areas in (3) above will be remedied or mitigated; <ol style="list-style-type: none"> consider biodiversity offset for residual adverse effects on indigenous biodiversity that cannot otherwise be avoided, remedied or mitigated; avoiding or mitigating potential significant adverse effects of the generation of radio frequency fields and electric and magnetic fields by requiring compliance with recognised New Zealand or international standards or guidelines; and promoting the undergrounding of new energy and infrastructure where it is: <ol style="list-style-type: none"> technically feasible; economically viable; justified by the extent of adverse visual effects if not placed underground."
<p>EI - Pūngao me te hanganga hapori - Energy and infrastructure</p> <p>Policy EI-P6</p> <p>Effects of other activities and development on energy and infrastructure</p>	<p>Support in part</p>	<p>Transpower supports Policy EI-P6 to the extent that the Policy addresses the potential adverse effects of other activities on the National Grid. That said, Transpower considers that the Policy requires amendment to ensure that the provision gives effect to Policies 10 and 11 of the NPSET, and Policy 16.3.4 of the CRPS that are as follows:</p> <p><i>"POLICY 10</i> <i>In achieving the purpose of the Act, decision-makers must to the extent reasonably possible manage activities to avoid reverse sensitivity effects on the electricity transmission network and to ensure that operation, maintenance, upgrading, and development of the electricity transmission network is not compromised."</i></p> <p><i>"POLICY 11</i></p>	<p>Amend Policy EI-P6 Effects of other activities and development on energy and infrastructure as follows:</p> <p>"Manage adverse effects of other activities and development on energy and infrastructure, including by the following:</p> <ol style="list-style-type: none"> ensuring such effects do not compromise or constrain access to or the safe, effective and efficient operation, maintenance, repair, upgrading and development of energy and infrastructure; and with regards to the National Grid and major electricity distribution lines, in addition to (1) above, by ensuring that: <ol style="list-style-type: none"> safe-buffer distances are identified in the District Plan for managing the effects of incompatible activities and

Provision	Support/Oppose	Submission/Reasons	Decision Sought
		<p><i>Local authorities must consult with the operator of the national grid, to identify an appropriate buffer corridor within which it can be expected that sensitive activities will generally not be provided for in plans and/or given resource consent. ...</i></p> <p><i>“16.3.4 Reliable and resilient electricity transmission network within Canterbury</i></p> <p><i>To encourage a reliable and resilient national electricity transmission network within Canterbury by:</i></p> <p><i>...</i></p> <p><i>2. avoiding subdivision, use and development including urban or semi urban development patterns, which would otherwise limit the ability of the electricity transmission network to be operated, maintained, upgraded and developed; ...”</i></p> <p>The CRPS also includes the following as a method direction to territorial authorities:</p> <p><i>“Territorial authorities:</i></p> <p><i>Will:</i></p> <p><i>3. Set out objectives and policies, and may include methods in district plans that:</i></p> <p><i>a. avoid subdivision, use and development that may result in adverse reverse sensitivity effects on the electricity transmission network, including, through consultation with the operator of the national electricity transmission network, identifying appropriate buffer corridors within which it can be expected that sensitive activities will generally not be provided for; and ...”</i></p> <p>In addition, Transpower notes the use of the term “intensive farming activities” in clause (2). Transpower notes that this term is not defined in the Proposed District Plan and suggests that consideration should be given to whether this creates some ambiguity in the Policy.</p>	<p>development on the National Grid and major electricity distribution lines including support structures;</p> <p>b. sensitive activity and development that may compromise the National Grid and major electricity distribution lines, including those associated with intensive farming activities, are excluded from establishing within identified safe buffer distances;</p> <p>c. changes to existing activities within identified safe-buffer distances do not further constrain or restrict the operation, maintenance, repair, upgrading and development of the National Grid and major electricity distribution lines; and</p> <p><u>x. with regards to the National Grid, in addition to (1) above:</u></p> <p><u>a. mapping the National Grid and identifying buffer corridors within which sensitive activities, including the expansion of an existing sensitive activity, are avoided; and, to the extent reasonably possible, managing other activities to avoid adverse effects, including reverse sensitivity effects, on the National Grid; and</u></p> <p><u>b. managing subdivision to ensure the National Grid is not compromised, reverse sensitivity effects are avoided and good amenity and urban design outcomes are achieved;</u></p> <p>3. ensuring buildings, other structures and vegetation do not obstruct or otherwise adversely affect radiocommunication pathways, either individually or cumulatively, including for radiocommunication associated with critical infrastructure, strategic infrastructure, regionally significant infrastructure, a lifeline utility, and for emergency purposes and day to day operations of an emergency service.”</p>
<p>EI - Pūngao me te hanganga hapori - Energy and infrastructure</p> <p>Rule EI-R1</p> <p>Maintenance or</p>	Support	<p>Transpower supports Rule EI-R1 and notes that the Rule, insofar as it relates to the National Grid, is consistent with the extent of regulation in the NESETA.</p>	<p>Retain Rule EI-R1 Maintenance or removal of existing infrastructure and ancillary vehicle access tracks</p>

Provision	Support/Oppose	Submission/Reasons	Decision Sought
removal of existing infrastructure and ancillary vehicle access tracks			
EI - Pūngao me te hanganga hapori - Energy and infrastructure Rule EI-R2 Construction of new, or widening or extension of existing, vehicle access tracks ancillary to infrastructure	Support in part	Subject to the relief sought elsewhere in Transpower's submission, Transpower generally supports Rule EI-R2 but considers that the reference to "standards in any relevant overlay" is unclear and unnecessary. Transpower considers that Rule RI-R23 (as amended by this submission) can more succinctly and clearly manage access track works in the relevant overlays.	Amend Rule EI-R2 Construction of new, or widening or extension of existing, vehicle access tracks ancillary to infrastructure "1. the activity shall comply with Earthworks standards EW-S1 to EW-S7; as well as any Earthworks standards in any relevant overlay. "
EI - Pūngao me te hanganga hapori - Energy and infrastructure EI-R6 Trimming or removal of trees and vegetation	Support in part	Transpower generally supports Rule EI-R6 but seeks limited amendments to the accompanying Advisory Note to reflect the effects of vegetation on electricity lines.	Amend the Advisory note to Rule RI-R6 Trimming or removal of trees and vegetation as follows: "Advisory Notes <ul style="list-style-type: none"> This rule applies to situations such as protecting the <u>security</u>, safe operation or maintenance of overhead lines or removing an associated potential fire-electrical risk <u>or risk to the public</u>, or maintaining sight lines from an intersection. A check should be made to determine whether any requirements may apply under the following: <ul style="list-style-type: none"> Electricity (Hazards from Trees) Regulations 2003; Telecommunications Act 2001; and NZECF 34:2001 New Zealand Electricity Code of Practice for Electricity Safe Distances."
EI - Pūngao me te hanganga hapori - Energy and infrastructure	Support in part	Transpower supports Rule EI-R9 on the basis that the Rule appropriately provides for temporary infrastructure (including where this infrastructure is necessary to enable the ongoing operation and maintenance of permanent infrastructure). Transpower does not support the Matters of Discretion in EI-MD4 being relevant considerations in respect of any non-compliance with the standard in the Rule on the basis that any matter that could be	Amend the Matters of Discretion that apply to Rule EI-R9 Use of temporary infrastructure as follows: "Matters of discretion are restricted to: EI-MD4 – Health and safety EI-MD14 - Extent of effects"

Provision	Support/Oppose	Submission/Reasons	Decision Sought
EI-R9 Use of temporary infrastructure		considered under EI-MD4 would also be able to be considered under EI-MD14 in a manner that is more directly relevant to the standard in Rule EI-R9.	
EI - Pūngao me te hanganga hapori - Energy and infrastructure EI-R10 Installation of new infrastructure, or upgrading of existing infrastructure, underground	Support in part	Transpower supports Rule EI-R10 on the basis that the Rule appropriately provides for underground infrastructure. Transpower does not support the Matters of Discretion in EI-MD2 being relevant considerations in respect of any non-compliance with the standards in the Rule on the basis it is difficult to understand what impact underground infrastructure may have on amenity values given that underground infrastructure does not have any discernible adverse effects.	Amend the Matters of Discretion that apply to Rule EI-R10 Installation of new infrastructure, or upgrading of existing infrastructure, underground as follows: “Matters of discretion are restricted to: EI-MD1 - Historic heritage and the natural environment EI-MD2 – Amenity values, location and design EI-MD3 - Operational considerations”
EI - Pūngao me te hanganga hapori - Energy and infrastructure EI-R11 Relocation of infrastructure	Support	Transpower supports Rule EI-R11 on the basis that the Rule is generally consistent with the NESETA.	Retain Rule EI-R11 Relocation of infrastructure as notified.
EI - Pūngao me te hanganga hapori - Energy and infrastructure EI-R12 Replacement of a pole or tower	Support in part	Transpower generally supports Rule EI-R12 to the extent that the Rule provides for the replacement of a pole or tower. That said, Transpower seeks limited amendments so that the Rule is generally consistent with the NESETA.	Amend Rule EI-R12 Replacement of a pole or tower as follows: “Where: 1. a pole shall not be replaced with a tower; 2. a replacement pole or tower shall not exceed the height at the date of public notification of the District Plan <u>at the date of public notification of the District Plan by more than 15% in relation to infrastructure of the replaced pole or tower;</u> 3. the diameter or width of a replacement pole shall not exceed twice that of the replaced pole at its widest point; 4. a single pole may be replaced with a pi-pole for safety or structural reasons; 5. the footprint of a replaced tower shall not exceed the width of the tower by more than 25%; and 6. a replaced pole or tower shall be removed once its replacement is in place and is operational.”

Provision	Support/Oppose	Submission/Reasons	Decision Sought
EI - Pūngao me te hanganga hapori - Energy and infrastructure EI-R16 Upgrading above-ground lines, ducts, cables and pipes	Support	Transpower supports Rule EI-R16 to the extent that the Rule is generally consistent with the NESETA.	Retain Rule EI-R16 Upgrading above-ground lines, ducts, cables and pipes as notified.
EI - Pūngao me te hanganga hapori - Energy and infrastructure EI-R22 Activities that generate electric and magnetic fields	Support	Transpower supports Rule EI-R22 to the extent that the Rule is generally consistent with the NESETA and NPSET Policy 9.	Retain Rule EI-R22 Activities that generate electric and magnetic fields as notified.
EI - Pūngao me te hanganga hapori - Energy and infrastructure EI-R23 Construction of new vehicle access tracks ancillary to infrastructure which are located in specified sensitive environments	Support in part	As a consequence of the relief sought in respect of Rule EI-R2 Construction of new, or widening or extension of existing, vehicle access tracks ancillary to infrastructure, an amendment is necessary to Rule EI-23.	Amend Rule EI-R23 Construction of new vehicle access tracks ancillary to infrastructure which are located in specified sensitive environments as follows: “EI-R23 Construction of new, <u>or widening or extension of existing</u> , vehicle access tracks ancillary to infrastructure <u>that which</u> are located in specified sensitive environments”
EI - Pūngao me te hanganga hapori - Energy and infrastructure Rule EI-R24 New overhead	Support	Transpower supports Rule EI-R24 and considers that the Rule appropriately provides for new overhead transmission lines in a manner that gives effect to the NPSET.	Retain Rule EI-R24 New overhead transmission lines and electricity distribution lines and supporting poles and towers as notified.

Provision	Support/Oppose	Submission/Reasons	Decision Sought
transmission lines and electricity distribution lines and supporting poles and towers			
EI - Pūngao me te hanganga hapori - Energy and infrastructure Rule EI-R25 Transformers, substations, switching stations, and energy storage batteries (not enclosed within a building)	Support	Transpower supports Rule EI-R25 and considers that the Rule appropriately provides for new transformers and substations in a manner that gives effect to the NPSET.	Retain Rule EI-R25 Transformers, substations, switching stations, and energy storage batteries (not enclosed within a building) as notified.
EI - Pūngao me te hanganga hapori - Energy and infrastructure EI-R51 Activities and development (other than earthworks) within a National Grid Yard	Support in part	<p>Transpower generally support Rule EI-R51 on the basis that the Rule seeks to give effect to NPSET Policies 10 and 11 and Policy 16.3.4 of the CRPS. That said, Transpower seeks amendments to the Rule to achieve these statutory requirements, along with a regulatory approach that is consistent across boundaries with Hurunui District, Selwyn District and Christchurch City.</p> <p>Further, Transpower considers that the Rule is not clear or easy to use and proposes that Rule EI-R51 be replaced with a new version to achieve the same or similar outcome, including the 'default' to non-complying activity status where compliance is not achieved.</p> <p>As a final matter, Transpower also supports the clear notification direction given in this Rule.</p>	<p>Amend Rule EI-R51 Activities and development (other than earthworks) within a National Grid Yard by replacing the Rule with the following: <u>Activity status: PER</u></p> <p><u>Where:</u></p> <p><u>1. the activity is not a sensitive activity;</u></p> <p><u>2. buildings or structures comply with NZECP34: 2001 and are:</u></p> <p><u>a. for a network utility; or</u></p> <p><u>b. a fence not exceeding 2.5m in height above ground level; or</u></p> <p><u>c. a non-habitable building or structure used for agricultural and horticultural activities including irrigation that is not a milking shed/dairy shed (excluding the stockyards and ancillary platforms), a wintering barn, a building for intensive farming activities, or a commercial greenhouse or produce packing facilities;</u></p> <p><u>d. building alterations or additions to an existing building or structure that do not increase the height above ground level or footprint of the building or structure;</u></p>

Provision	Support/Oppose	Submission/Reasons	Decision Sought						
			<p><u>3. A building or structure provided for by (2)(a) to (d) must:</u></p> <p><u>a. not be used for the handling or storage of hazardous substances with explosive or flammable intrinsic properties in greater than domestic scale quantities;</u></p> <p><u>b. not permanently obstruct existing vehicle access to a National Grid support structure;</u></p> <p><u>c. be located at least 12m from the outer visible edge of a foundation of a National Grid support structure, except where it is a fence not exceeding 2.5m height above ground level that is located at least 6 metres from the outer visible edge of a foundation of a National Grid support structure.</u></p>						
EI - Pūngao me te hanganga hapori - Energy and infrastructure Rule EI-R52 Earthworks (other than quarry or landfill) within a National Grid Yard	Support in part	<p>Transpower generally supports Rule EI-R52 and considers that the provisions give effect to Policy 10 of the NPSET and are generally consistent with the regulations in NZECP34:2001. Transpower seeks limited amendments to the provisions so that the provisions better align with NZECP34:2004 as follows:</p> <ul style="list-style-type: none">reference to ‘the disturbance of land for the installation of fence posts’ is included in the Rule because the definition of ‘earthworks’ excludes fence posts whereas NZECP34:2001 regulates such land disturbance;the exception for quarries and landfills is deleted on the basis that this Rule can adequately manage earthworks associated with these activities (particularly through clauses (2) to (4) of the Rule;an exception for vertical holes is included to mirror a similar approach in NZECP34:2001; andthe ‘default’ provision is amended to non-complying on the basis that such activities would be prohibited by NZECP34:2001 and are likely to compromise the National Grid in a manner that should be avoided (with reference to Policy 10 of the NPSET. <p>As a consequence of these amendments it is also suggested that Rule EI-R53 Any quarry or landfill on the same site as a National Grid support structure can be deleted.</p>	<p>Amend EI-R52 Earthworks (other than quarry or landfill) within a National Grid Yard as follows:</p> <table><tr><td>EI-R52</td><td colspan="2">Earthworks (other than quarry or landfill) and the disturbance of land for the installation of fence posts within a National Grid Yard</td></tr><tr><td>All Zones</td><td><p>Activity status: PER</p><p>Where:</p><p>1. around National Grid support towers; earthworks and the disturbance of land for the installation of fence posts</p><p>a. depth shall be no deeper than 300mm within 6m of a foundation of a National Grid support structure;</p><p>b. depth shall be no deeper than 3m:</p><p>i. between 6m and 12m from the foundation of a 220kV or a 350kV National Grid support structure; or</p></td><td><p>Activity status when compliance with EI-R52 (1) not achieved: RDISNC</p><p>Matters of discretion are restricted to:</p><p>EI-MD12— National Grid</p><p>Activity status when compliance with EI-R52 (2) to (5) not achieved: NC</p><p>Notification</p></td></tr></table>	EI-R52	Earthworks (other than quarry or landfill) and the disturbance of land for the installation of fence posts within a National Grid Yard		All Zones	<p>Activity status: PER</p> <p>Where:</p> <p>1. around National Grid support towers; earthworks and the disturbance of land for the installation of fence posts</p> <p>a. depth shall be no deeper than 300mm within 6m of a foundation of a National Grid support structure;</p> <p>b. depth shall be no deeper than 3m:</p> <p>i. between 6m and 12m from the foundation of a 220kV or a 350kV National Grid support structure; or</p>	<p>Activity status when compliance with EI-R52 (1) not achieved: RDISNC</p> <p>Matters of discretion are restricted to:</p> <p>EI-MD12— National Grid</p> <p>Activity status when compliance with EI-R52 (2) to (5) not achieved: NC</p> <p>Notification</p>
EI-R52	Earthworks (other than quarry or landfill) and the disturbance of land for the installation of fence posts within a National Grid Yard								
All Zones	<p>Activity status: PER</p> <p>Where:</p> <p>1. around National Grid support towers; earthworks and the disturbance of land for the installation of fence posts</p> <p>a. depth shall be no deeper than 300mm within 6m of a foundation of a National Grid support structure;</p> <p>b. depth shall be no deeper than 3m:</p> <p>i. between 6m and 12m from the foundation of a 220kV or a 350kV National Grid support structure; or</p>	<p>Activity status when compliance with EI-R52 (1) not achieved: RDISNC</p> <p>Matters of discretion are restricted to:</p> <p>EI-MD12— National Grid</p> <p>Activity status when compliance with EI-R52 (2) to (5) not achieved: NC</p> <p>Notification</p>							

Provision	Support/Oppose	Submission/Reasons	Decision Sought		
				<div><div><div>ii. — between 6m and 10m from the foundation of a 66kV National Grid support structure;</div><div>2. earthworks <u>and the disturbance of land for the installation of fence posts</u> shall not compromise the stability of a National Grid support structure;</div><div>3. earthworks <u>and the disturbance of land for the installation of fence posts</u> shall not result in a reduction in the ground to conductor clearance distances below what is required by Table 4 of NZECP 34:2001 New Zealand Electricity Code of Practice for Electricity Safe Distances; and</div><div>4. earthworks <u>and the disturbance of land for the installation of fence posts</u> shall not result in <u>existing</u> vehicular access to a National Grid support structure being permanently obstructed.</div></div></div>	<div>An application for a restricted discretionary activity under this rule is precluded from being publicly notified, but may be limited notified only to Transpower NZ Ltd where the consent authority considers this is required, absent its written approval.</div>
			All zones	<div><div><u>Activity status: RDIS</u></div><div><u>Where:</u><div><div>1. <u>earthworks are more than 300mm deep and less than 3m deep:</u></div><div><div>a. <u>between 6m and 12m from the foundation of a</u></div></div></div></div></div>	<div><u>Activity status when compliance not achieved: NC</u></div> <div><u>Notification</u><div>An application for a <u>restricted discretionary</u></div></div>

Provision	Support/Oppose	Submission/Reasons	Decision Sought
			<p><u>220kV or a 350kV National Grid support structure; or</u></p> <p><u>b. between 6m and 10m from the foundation of a 66kV National Grid support structure;</u></p> <p><u>2. earthworks shall not compromise the stability of a National Grid support structure;</u></p> <p><u>3. earthworks shall not result in a reduction in the ground to conductor clearance distances below what is required by Table 4 of NZECP 34:2001 New Zealand Electricity Code of Practice for Electricity Safe Distances; and</u></p> <p><u>4. earthworks and the disturbance of land for the installation of fence posts shall not result in existing vehicular access to a National Grid support structure being permanently obstructed.</u></p> <p><u>Matters of discretion are restricted to:</u> <u>El-MD12 - National Grid</u></p> <p>Exemptions This rule does not apply to:</p> <ul style="list-style-type: none"> • earthworks undertaken by a network utility operator (other than for the reticulation and storage of water in canals, dams or reservoirs including for irrigation purposes);

Provision	Support/Oppose	Submission/Reasons	Decision Sought
			<ul style="list-style-type: none"> earthworks undertaken as part of agricultural or domestic cultivation; or repair, sealing or resealing of a road, footpath, driveway or farm track; and earthworks for which a dispensation has been granted by Transpower NZ Ltd under the NZECP 34:2001 New Zealand Electricity Code of Practice for Electricity Safe Distances. <p>As a consequence, delete Rule EI-R53 Any quarry or landfill on the same site as a National Grid support structure and delete Matters of Discretion EI-MD12 National Grid.</p>
EI - Pūngao me te hanganga hapori - Energy and infrastructure Matters of Discretion EI-MD1 Historic heritage, cultural values and the natural environment	Support	Transpower generally supports the Matters of Discretion EI-MD1 on the basis that the 'Matters' allow for a consideration of impacts on a range of special values alongside the particular characteristics of, and benefits of, infrastructure.	Retain Matters of Discretion EI-MD1 Historic heritage, cultural values and the natural environment as notified.
EI - Pūngao me te hanganga hapori - Energy and infrastructure Matters of Discretion EI-MD2 Amenity values, location and design	Support in part	Transpower generally supports Matters of Discretion in EI-MD2 but seeks an amendment to enable a consideration of the benefits of the infrastructure and to confirm that screen ought to only be provided where necessary.	<p>Amend Matters of Discretion EI-MD2 Amenity values, location and design as follows:</p> <ol style="list-style-type: none"> "1. The practicality and effectiveness of screening the infrastructure, <u>where necessary</u>. 2. For infrastructure attached to other structures, the extent to which the infrastructure is within the visual envelope of an existing structure, and the extent to which the colour and design of the infrastructure corresponds to the existing structure. 3. The extent of consideration of the number, size, location and design of any other existing infrastructure in the vicinity. 4. The extent to which any adverse effects of the infrastructure have been avoided, remedied or mitigated by the route, site and construction method selection. 5. The extent to which the location and size of the infrastructure impacts on the ability of people to access any existing facility or activity on the site.

Provision	Support/Oppose	Submission/Reasons	Decision Sought
			<u>x. The benefits of the infrastructure."</u>
EI - Pūngao me te hanganga hapori - Energy and infrastructure Matters of Discretion EI-MD3 Operational considerations	Support	Transpower generally supports the Matters of Discretion EI-MD3 on the basis that the 'Matters' allow for a consideration the particular characteristics of, and constraints on, infrastructure.	Retain Matters of Discretion EI-MD3 operational considerations as notified.
EI - Pūngao me te hanganga hapori - Energy and infrastructure Matters of Discretion EI-MD4 Health and safety	Support in part	Transpower generally supports the Matters of Discretion in EI-MD4 but considers that the 'Matters' could be further expanded to address impacts on safety as well as human health.	Amend Matters of Discretion EI-MD4 Health and safety as follows: <u>"x. The extent to which the infrastructure will be designed and located in relation to close proximity to any existing sensitive activity.</u> <u>y. and the The extent to which the infrastructure provides for the health and safety of people and communities of any effect on human health."</u>
EI - Pūngao me te hanganga hapori - Energy and infrastructure Matters of Discretion EI-MD6 Electricity transmission and distribution	Oppose	Transpower opposes the Matters of Discretion in EI-MD6 to the extent that it is not clear what consideration are being directed for an application for resource consent for a new transmission line. For instance, it is not clear why access to a transmission line is a consideration, nor is it clear why 'the extent of compliance' with NZECP34:2001 is included when compliance is a mandatory requirement. Transpower considers that the 'Matters' would benefit from a substantial rewrite, with reference to the considerations in the NPSET (Policies 3 and 4 in particular), so that the effects of new transmission lines are appropriately managed. In addition, depending on drafting, it may be appropriate for these 'Matters' to also apply to EI-R25. Transpower would welcome the opportunity to assist in this redrafting.	Amend Matters of Discretion EI-MD6 Electricity transmission and electricity distribution to better reflect relevant considerations for the establishment of a transmission line.
EI - Pūngao me te hanganga hapori - Energy and infrastructure Matters of Discretion	Support in part	Transpower supports, in part, the Matters of Discretion in EI-MD9, but seeks limited amendments to: <ul style="list-style-type: none"> in clause (2) reflect that a consideration under EI-MD9 will only be 'triggered' where the standards are not met; 	Amend Matters of Discretion EI-MD9 Construction of new, or widening or extension of existing, vehicle access tracks ancillary to infrastructure as follows: <u>"1. The ability to integrate with the landscape, follow natural contours, and mitigate adverse effects.</u>

Provision	Support/Oppose	Submission/Reasons	Decision Sought
EI-MD9 Construction of new, or widening or extension of existing, vehicle access tracks ancillary to infrastructure		<ul style="list-style-type: none"> in clause (3) clarify that the overlay provisions are only relevant when considering an application for resource consent made under Rule EI-R23; the inclusion of a new clause that enables a consideration of the benefits derived from the infrastructure that benefits from, or relies on, the access track. 	<p>2. The extent of <u>non-compliance with the relevant standards in the Earthworks Chapter Earthworks standards EW-S1 to EW-S7 for the relevant zone or overlay, and the extent of any effects of non-compliance.</u></p> <p>3. „Relevant assessment matters in the Earthworks Chapter <u>and, where resource consent is required by Rule EI-R23 the assessment matters for the relevant zone or overlay.</u></p> <p><u>x. The benefits of the related infrastructure.”</u></p>
EI - Pūngao me te hanganga hapori - Energy and infrastructure Matters of Discretion EI-MD10 Relocation of existing infrastructure	Support in part	Transpower supports Matters of Discretion in EI-MD10 to the extent that the ‘Matter’ confines the consideration of an application for resource consent to the non-compliance of any given activity. Transpower seeks limited amendments to better express this ‘Matter’ and to enable a consideration of the benefits of the infrastructure.	<p>Amend Matters of District EI-MD10 Relocation of existing infrastructure as follows:</p> <p>“1. The extent to which the existing alignment or location is within a road corridor and relocation over a greater distance is necessary to ensure the infrastructure remains within the road corridor due to road widening or realignment.</p> <p>2. The extent to which relocation over a greater distance is necessary for safety, access, operational need or functional need reasons.</p> <p>3. The extent to which relocation would result in the infrastructure being located in the following areas, and relocation over a greater distance is necessary to avoid or minimise encroachment into such areas:</p> <ul style="list-style-type: none"> a. the root protection area of a notable tree; b. places with heritage values; c. Wāhi Tapu sites; and d. SNAs. <p><u>x. The benefits of the infrastructure.”</u></p>
EI - Pūngao me te hanganga hapori - Energy and infrastructure Matters of Discretion EI-MD12 National Grid	Support	Transpower supports Matters of Discretion EI-MAT12 on the basis that the ‘Matters’ enabled a fulsome consideration of an resource consent sought for a restricted discretionary activity under Rule R52.	Retain EI-MD12 National Grid as notified.
EI - Pūngao me te hanganga hapori -	Support in part	Transpower supports Matters of Discretion in EI-MD14 to the extent that the ‘Matters’ confines the consideration of an application for	Amend Matters of Discretion EI-MD14 Extent of effects as follows:

Provision	Support/Oppose	Submission/Reasons	Decision Sought
Energy and infrastructure Matters of Discretion EI-MD14 Extent of effects		resource consent to the non-compliance of any given activity. Transpower seeks limited amendments to better express this 'Matter' and to enable a consideration of the benefits of the infrastructure.	" <u>x.</u> The extent of <u>non</u> -compliance with the relevant standard(s), and the extent of any effects of non-compliance with the relevant standard(s) including cumulative effects; <u>y.</u> <u>The benefits of the infrastructure.</u> "
Hazards and Risks			
Matū mōrearea - Hazardous substances			
HS - Matū mōrearea - Hazardous substances Other potentially relevant District Plan provisions	Support in part	Transpower generally supports the 'other potentially relevant District Plan provisions' but seeks a minor amendment to align with Rule EI-R51 (as amended by this submission) in respect of the management of some hazardous substances in the National Grid Yard.	Amend 'Other potentially relevant District Plan provisions' as follows: "As well as the provisions in this chapter, other District Plan chapters that contain provisions that may also be relevant to hazardous substances include: <ul style="list-style-type: none"> • Energy and Infrastructure: this chapter contains rules for energy and infrastructure such as fuel and gas distribution, and storage <u>and also addresses hazardous substances, amongst other activities, located in the National Grid Yard.</u> • Any other District wide matter that may affect or relate to the site. • Zones: the zone chapters contain provisions about what activities are anticipated to occur in the zones.
HS - Matū mōrearea - Hazardous substances HS-P1 New major hazard facility	Support in part	Transpower generally supports Policy HS-P1, but seeks a limited amendment to reflect the outcome sought by Rule EI-R51. That is, the handling and storage of certain hazardous substances are managed (or avoided) in the National Grid Yard in order to give effect to Policy 10 of the NPSET.	Amend Policy HS-P1 New major hazard facility "Minimise risk to people, property and the environment from any new major hazard facility, or any addition to a major hazard facility by: ... 3. locating outside <u>of the National Grid Yard,</u> any areas of significant indigenous vegetation, significant habitats for indigenous fauna and Sites and Areas of Significance to Māori, and zones and overlays where sensitive areas or activities predominate; and ..."
Matepā māhorahora - Natural hazards			
NH - Matepā māhorahora - Natural hazards Objective NH-O2 Infrastructure in	Support	Transpower supports Objective NH-O2 to the extent that the Objective recognises that there are circumstances (because of the operational need or functional need of critical infrastructure) where critical infrastructure must be located in high hazard areas. It is noted that this may include river crossing that are essential for the National Grid.	Retain Objective NH-O2 Infrastructure in natural hazard overlays as notified.

Provision	Support/Oppose	Submission/Reasons	Decision Sought
natural hazard overlays			
NH - Matepā māhorahora - Natural hazards Policy NH-P10 Maintenance and operation of existing infrastructure	Support in part	Transpower generally supports Policy NH-P10 but notes that the use of the term 'allow' is not usual in the context of the Proposed District Plan and may imply something less than 'enable'. If this is the case, Policy NH-P10 would not fully give effect to NPSET Policies 2 and 5. For the avoidance of doubt Transpower seeks that 'allow' be replaced with 'enable'.	Amend Policy NH-P10 Maintenance and operation of existing infrastructure as follows: “ Enable Allow for the operation, maintenance, replacement, minor upgrading, repair and removal of all existing infrastructure in identified natural hazard overlays.”
NH - Matepā māhorahora - Natural hazards NH-P13 New above ground critical infrastructure and upgrading of critical infrastructure within high flood hazard areas	Support in part	Transpower supports Policy NH-P13 to the extent that the Policy addresses the need to locate critical infrastructure within high flood hazard areas. That said, Transpower does not support the requirement that upgraded or new critical infrastructure may only locate in high flood hazard areas where there is no practical alternative because: <ul style="list-style-type: none"> the test of 'no practical alternative' is broad and subjective; it is likely that there is always an alternative (but this might not be preferred by the infrastructure operator for any number of reasons (including for the avoidance of other section 6 of the RMA matters); the test of 'no practical alternative' is not necessary when the risk is adequately addressed by the considerations required by clauses (2) and (3). 	Amend Policy NH-P13 New above ground critical infrastructure and upgrading of critical infrastructure within high flood hazard areas as follows: “Only allow for the new and upgrading of existing above ground critical infrastructure in high flood hazard or high coastal flood hazard areas where: 1. there is a functional need or operational need for that location and there are no practical alternatives ; 2. the location and design of the infrastructure address relevant natural hazard risk and appropriate measures have been incorporated into the design to provide for the continued operation; and 3. the infrastructure does not exacerbate the natural hazard risk or transfer the risk to another site.”
NH - Matepā māhorahora - Natural hazards NH-P14 New infrastructure and upgrading of infrastructure within fault overlays	Oppose	Transpower does not support Policy NH-P14, and in particular clause(2), because the Policy imposes an uncertain test of “no reasonable alternative”, noting that any number of alternatives may exist, but such alternatives may not be preferred for other reasons. In addition, noting that Transpower's assets traverse this overlay, it is possible that avoiding upgrading could result in strengthening and preparedness works not being able to be undertaken. It is considered that requiring the avoidance of 'upgrading' may result in a perverse outcome whereby the efficient, effective and resilient function of critical infrastructure within the Ashley Fault	Retain Policy NH-P14 New infrastructure and upgrading of infrastructure within fault overlays as notified. “Within the fault overlays: ... 2. only allow avoid new and upgrading of existing critical infrastructure below and above ground in the Ashley Fault Avoidance Overlay where unless there is no reasonable alternative, in which case the infrastructure is must be designed to: a. maintain, as far as practicable, its integrity and ongoing operation during and after natural hazard events; or b. be able to be reinstated in a timely manner;

Provision	Support/Oppose	Submission/Reasons	Decision Sought
		Avoidance Zone may be compromised by an inability upgrade the infrastructure asset."
NH - Matepā māhorahora - Natural hazards Rule NH-R4 Below ground infrastructure and critical infrastructure	Support	Subject to the relief sought elsewhere in this submission seeking of clear direction in respect of the provisions that apply to infrastructure, Transpower generally supports Rule NH-R4 on the basis that the Rule permits critical infrastructure below ground where the installation of such infrastructure does not elevate flood hazard risk.	Retain Rule NH-R4 Below ground infrastructure and critical infrastructure as notified.
NH - Matepā māhorahora - Natural hazards Rule NH-R6 Above ground critical infrastructure	Support in part	Subject to the relief sought elsewhere in this submission seeking of clear direction in respect of the provisions that apply to infrastructure, Transpower generally supports Rule NH-R6 but is concerned that the Rule does not anticipate linear infrastructure, and particularly infrastructure that is made up of a number of structures, such as a transmission line. Transpower seeks limited amendments to clarify that the standard apply singly to each structure.	Amend Rule NH-R6 Above ground critical infrastructure as follows: "Where: <ol style="list-style-type: none"> 1. if located with the Fault Awareness Overlay, new critical infrastructure or an extension to existing infrastructure has a footprint of less than 100m² <u>per structure</u>; and 2. if located within a Flood Assessment Overlay or the Kaiapoi Fixed Minimum Finished Floor Level Overlay: <ol style="list-style-type: none"> a. the profile, contour or height of the land is not permanently raised by more than 0.25m when compared to natural ground level; and b. the infrastructure is located on a site outside of high flood hazard area as stated in a Flood Assessment Certificate issued in accordance with NH-S1; or c. new infrastructure or an extension to existing infrastructure: <ol style="list-style-type: none"> i. has a footprint of less than 10m² <u>per structure</u>; or ii. is located above ground level, excluding any support base, towers or poles, at an elevation higher than the minimum finished floor level as stated in a Flood Assessment Certificate issued in accordance with NH-S1; or iii. has a finished floor level equal to or higher than the minimum finished floor level as stated in a Flood Assessment Certificate issued in accordance with NH-S1; and d. new buildings, or extensions to existing buildings that increase the footprint of the existing infrastructure, are not located within an overland flow path as stated in a Flood Assessment Certificate issued in accordance with NH-S1.

Provision	Support/Oppose	Submission/Reasons	Decision Sought			
NH - Matepā māhorahora - Natural hazards NH-R14 New and upgrading of above and below ground critical infrastructure	Support in part	Subject to the relief sought elsewhere in this submission seeking of clear direction in respect of the provisions that apply to infrastructure, Transpower supports Rule NH-R14 to the extent that the Rule provides a consenting pathway for critical infrastructure. That said, Transpower does not support discretionary activity status for new critical infrastructure in the Ashley Fault Avoidance Overlay and considers that the most stringent activity status that should apply is restricted discretionary. This is because any potential effects in respect of the fault hazard can be adequately assessed via Matters of Discretion NH-MD3 - Natural hazards and infrastructure. Transpower understands, by reference to the Section 32 Report, that the provisions in this Chapter are deliberately more stringent for critical infrastructure on the basis that it is important that the infrastructure remains operational during a hazard event. Transpower does not accept this rationale and considers that activity status is a blunt and indirect tool to achieve this outcome. In this regard, the Section 32 Report fails to consider that linear infrastructure may not be able to avoid traversing the Overlay, and this can be achieved through design without any increased risk to that infrastructure.	Amend Rule NH-R14 New and upgrading of above and below ground critical infrastructure as follows: “Activity status: DIS <u>RDIS</u> ” ... Activity status where compliance is not achieved: DIS <u>RDIS</u> ”			
NH - Matepā māhorahora - Natural hazards Rule NH-R17 Above ground critical infrastructure	Support in part	Subject to the relief sought elsewhere in this submission seeking of clear direction in respect of the provisions that apply to infrastructure, Transpower generally supports Rule NH-R17 but is concerned that the Rule does not anticipate linear infrastructure, and particularly infrastructure that is made up of a number of structures, such as a transmission line. Transpower seeks a limited amendment to clarify that the standard apply singly to each structure. In addition, Transpower considers that the ‘default’ rules are overly complex and onerous and is of the view that the most stringent activity status that should apply is restricted discretionary. This is because any potential effects in respect of the coastal flood hazard can be adequately assessed via Matters of Discretion NH-MD3 and NH-M4.	Amend NH-R17 Above ground critical infrastructure as follows: <table><tr><td>Coastal Flood Assessment Overlay</td><td>Activity status: PER Where: <div>1. the profile, contour or height of the land is not permanently raised by more than 0.25m when compared to natural ground level; and <div>a. new infrastructure or an extension to existing infrastructure has a footprint of less than 10m2 <u>per structure</u>; or <div>b. any new building that is identified as being</div></div></div></td><td>Activity status where compliance is not achieved: for NH-R17 (1), NH-R17 (1)(a) and NH-R17 (1)(c): <u>RDIS</u> Matters of discretion are restricted to: NH-MD3 - Natural hazards and infrastructure</td></tr></table>	Coastal Flood Assessment Overlay	Activity status: PER Where: <div>1. the profile, contour or height of the land is not permanently raised by more than 0.25m when compared to natural ground level; and <div>a. new infrastructure or an extension to existing infrastructure has a footprint of less than 10m2 <u>per structure</u>; or <div>b. any new building that is identified as being</div></div></div>	Activity status where compliance is not achieved: for NH-R17 (1), NH-R17 (1)(a) and NH-R17 (1)(c): <u>RDIS</u> Matters of discretion are restricted to: NH-MD3 - Natural hazards and infrastructure
Coastal Flood Assessment Overlay	Activity status: PER Where: <div>1. the profile, contour or height of the land is not permanently raised by more than 0.25m when compared to natural ground level; and <div>a. new infrastructure or an extension to existing infrastructure has a footprint of less than 10m2 <u>per structure</u>; or <div>b. any new building that is identified as being</div></div></div>	Activity status where compliance is not achieved: for NH-R17 (1), NH-R17 (1)(a) and NH-R17 (1)(c): <u>RDIS</u> Matters of discretion are restricted to: NH-MD3 - Natural hazards and infrastructure				

Provision	Support/Oppose	Submission/Reasons	Decision Sought		
				<p>subject to 0.29m or less of coastal flooding as stated in a Coastal Flood Assessment Certificate and has finished floor level equal to or higher than the minimum finished floor level as stated in a Coastal Flood Assessment Certificate issued in accordance with NH-S2; or</p> <p>c. if not a building, new infrastructure, excluding any support base, towers or poles, is located above ground level at an elevation higher than the minimum floor level as stated in a Coastal Flood Assessment Certificate issued in accordance with NH-S2.</p>	<p><u>NH-MD4 - Natural hazards coastal matters</u></p> <p>Activity status where compliance is not achieved for NH-R17 (1)(b): RDIS (see NH-R17 (2))</p>
			<p>Coastal Flood Assessment Overlay</p>	<p>Activity status: RDIS</p> <p>Where:</p> <p>2. any building that is identified as being subject to between 0.3m and 0.99m of coastal flooding, as stated in a Coastal Flood Assessment Certificate, is erected on raised land or utilises a combination of raised land and a raised floor level equal to or higher than the minimum requirements stated in a Coastal Flood Assessment</p>	<p>Activity status where compliance is not achieved: NC</p>

Provision	Support/Oppose	Submission/Reasons	Decision Sought
			<p>Certificate issued in accordance with NH-S2.</p> <p>Matters of discretion are restricted to:</p> <p>NH-MD4—Natural hazards coastal matters</p>
NH - Matepā māhorahora - Natural hazards NH-R18 Below ground infrastructure and critical infrastructure Coastal Flood Assessment Overlay	Support	Subject to the relief sought elsewhere in this submission seeking of clear direction in respect of the provisions that apply to infrastructure, Transpower generally supports Rule NH-R18 on the basis that the Rule permits critical infrastructure below ground where the installation of such infrastructure does not elevate flood hazard risk.	Retain Rule NH-R18 Below ground infrastructure and critical infrastructure as notified
NH - Matepā māhorahora - Natural hazards NH-MD3 Natural hazards and infrastructure	Support in part	Transpower generally supports Matters of Discretion NH-MD3 but seeks limited amendments to improve expression, remove duplication and to delete reference to cultural effects on the basis that it is not clear how the location of critical infrastructure in a natural hazard overlay would have a cultural impact.	<p>Amend NH-MD3 Natural hazards and infrastructure as follows:</p> <p>“1. Any increase in the risk to life or property from natural hazard events.</p> <p>2. Any negative effects Effects on the ability of people and communities to recover from a natural hazard event.</p> <p>3. The extent to which the infrastructure will suffer damage in a hazard event and whether the infrastructure is designed to maintain reasonable and safe operation during and after a natural hazard event.</p> <p>4. The time taken to reinstate critical infrastructure following a natural hazard event.</p> <p>5. The extent to which the infrastructure exacerbates the natural hazard risk or transfers the risk to another site.</p> <p>6. The ability for flood water conveyance to be maintained.</p> <p>7. The extent to which there is a functional need and operational need for that location and there are no practical alternatives.</p>

Provision	Support/Oppose	Submission/Reasons	Decision Sought
			<p>78. The extent to which any mitigation measures are proposed, their effectiveness and environmental effects, and any benefits to the wider area associated with hazard management.</p> <p>89. The positive benefits derived from the installation of the infrastructure.</p> <p>10—Any effects on cultural values.</p>
Historic and Cultural Values			
Taonga o onamata - Historic heritage			
HH - Taonga o onamata - Historic heritage Other potentially relevant District Plan provisions	Support in part	Transpower considers that the statement in respect of the relevance of the Energy and Infrastructure chapter is not clear and, consistent with relief sought elsewhere in this submission, Transpower is of the view that the Proposed District Plan does not include a clear direction in respect of the how infrastructure is regulated across chapters. Transpower seeks that the provisions that apply to infrastructure are clearly and succinctly set out throughout the Proposed District Plan.	Amend Other potentially relevant District Plan provisions to clearly and succinctly set out the provisions that apply to infrastructure throughout the Proposed District Plan.
HH - Taonga o onamata - Historic heritage HH-P7 Siting of infrastructure	Support	Transpower supports Policy HH-P7 and considers that the direction to site new infrastructure in a manner that protects heritage values (subject to the functional need and operational need of that infrastructure) recognises the characteristics and importance of infrastructure while appropriately providing for the protection of historic heritage in a manner consistent with section 6(f) of the RMA.	Retain Policy HH-P7 Siting of infrastructure as notified.
Ngā whenua tapu o ngā iwi - Sites and Areas of Significance to Māori			
Ngā whenua tapu o ngā iwi - Sites and Areas of Significance to Māori Other potentially relevant District Plan provisions	Support in part	Transpower acknowledges the statement considers that the statement that the “Energy and Infrastructure: this chapter contains provisions relevant to protecting wāhi tapu sites” and understands that this means that the Ngā whenua tapu o ngā iwi - Sites and Areas of Significance to Māori does not apply to infrastructure. This statement contradicts the same direction in the Energy and Infrastructure Chapter. Transpower seeks that this clarified throughout the Proposed District Plan.	<p>Amend Other potentially relevant District Plan provisions as follows: “As well as the provisions in this chapter, other District Plan chapters that contain provisions that may also be relevant to Sites and Areas of Significance to Māori include: ... • Energy and Infrastructure: this chapter contains provisions relevant to protecting wāhi tapu sites <u>and the rules in this chapter do not apply.</u>”</p>

Provision	Support/Oppose	Submission/Reasons	Decision Sought
Natural Environment Values			
Pūnaha hauropi me te rerenga rauropi taketake - Ecosystems and indigenous biodiversity			
ECO - Pūnaha hauropi me te rerenga rauropi taketake - Ecosystems and indigenous biodiversity Other potentially relevant District Plan provisions	Support in part	Transpower considers that the identification of 'other potentially relevant provisions' in respect of this chapter is not clear and, consistent with relief sought elsewhere in this submission, Transpower is of the view that the Proposed District Plan does not include a clear direction in respect of the how infrastructure is regulated across chapters. Transpower seeks that the provisions that apply to infrastructure are clearly and succinctly set out throughout the Proposed District Plan.	Amend Other potentially relevant District Plan provisions to clearly and succinctly set out the provisions that apply to infrastructure throughout the Proposed District Plan.
ECO - Pūnaha hauropi me te rerenga rauropi taketake - Ecosystems and indigenous biodiversity ECO-P2 Protection and restoration of SNAs	Support	Transpower supports Policy ECO-P2 on the basis that the Policy appropriately protects the values of SNAs in a manner that achieves the purpose of the RMA.	Retain Policy ECO-P2 Protection and restoration of SNAs as notified.
ECO - Pūnaha hauropi me te rerenga rauropi taketake - Ecosystems and indigenous biodiversity ECO-P4 Maintenance and enhancement of other indigenous vegetation and habitats	Support	Transpower supports Policy ECO-P4 on the basis that the Policy appropriately addresses the maintenance and enhancement of the values of indigenous vegetation and habitats in a manner that achieves the purpose of the RMA.	Retain Policy ECO-P4 Maintenance and enhancement of other indigenous vegetation and habitats as notified.

Provision	Support/Oppose	Submission/Reasons	Decision Sought			
ECO - Pūnaha hauropi me te rerenga rauropi taketake - Ecosystems and indigenous biodiversity Policy ECO-P7 Indigenous biodiversity in the coastal environment	Oppose	Transpower opposes Policy ECO-P7 on the basis that, insofar as the Policy relates to the National Grid, the Policy includes a requirement to avoid adverse effects that is inconsistent with, and does not give effect to, the NPSET. Transpower seeks the inclusion of a new clause that sets out a bespoke approach for the National Grid in order to give effect to the NPSET.	<p>Amend ECO-P7 Indigenous biodiversity in the coastal environment as follows:</p> <p>“1. Avoid adverse effects of activities on:</p> <ul style="list-style-type: none">a. indigenous taxa that are listed as threatened or at risk in the New Zealand Threat Classification System lists;b. taxa that are listed by the International Union for Conservation of Nature and Natural Resources as threatened;c. indigenous ecosystems and vegetation types that are threatened in the coastal environment, or are naturally rare;d. habitats of indigenous species where the species are at the limit of their natural range, or are naturally rare;e. areas containing nationally significant examples of indigenous community types; andf. areas set aside for full or partial protection of indigenous biological diversity under other legislation; and <p>2. Avoid significant adverse effects and avoid, remedy or mitigate other adverse effects of activities on:</p> <p>...</p> <p><u>3. In the case of the development and subsequent operation of the National Grid, seek to avoid adverse effects on the matters listed in (1) and (2) and recognising:</u></p> <ul style="list-style-type: none"><u>a. that because of the functional needs or operational needs of the National Grid it is not practicable to avoid adverse effects; and</u><u>b. there may be some areas in the coastal environment where avoidance of adverse effects is required to protect the identified special values of those areas.”</u>			
ECO - Pūnaha hauropi me te rerenga rauropi taketake - Ecosystems and indigenous biodiversity	Support in part	Transpower supports Rule ECO-R1 to the extent that the Rule provides a consenting pathway for indigenous vegetation for significant infrastructure. However, Transpower is concerned that where compliance is not achieved with Rule ECO-R1 any vegetation clearance (including for minor upgrading or to achieve safe operation outcomes) would require resource consent for a non-complying activity. Transpower considers such an activity status is inappropriately stringent, inconsistent with similar management approaches in the NESETA, and does not give effect to the NPSET	<p>Amend ECO-R1 Indigenous vegetation clearance within any mapped SNA or unmapped SNA as follows:</p> <table><tr><td>All Zones</td><td>Activity status: PER Where:</td><td>Activity status when compliance <u>with</u> ECO-R1(1)(a) not achieved: NC</td></tr></table>	All Zones	Activity status: PER Where:	Activity status when compliance <u>with</u> ECO-R1(1)(a) not achieved: NC
All Zones	Activity status: PER Where:	Activity status when compliance <u>with</u> ECO-R1(1)(a) not achieved: NC				

Provision	Support/Oppose	Submission/Reasons	Decision Sought
ECO-R1 Indigenous vegetation clearance within any mapped SNA or unmapped SNA		(including Policies 2 and 5). Transpower seeks the inclusion of a specific rule that, in turn, allows for a default to restricted discretionary activity status and notes that such activity status is consistent with the 'default' in the NESETA,	<div> 1. within any mapped SNA or unmapped SNA, the indigenous vegetation clearance is: <div> a. required for maintenance, repair or replacement purposes and is: <div> a. within an existing access track; or b. within 3m of an existing building; or c. within 2m of an existing fence, existing gate, existing fire pond, existing stock yard, existing trough, or existing water tank; d. within 2m of existing critical infrastructure, regionally significant infrastructure, strategic infrastructure or lifeline utility <u>other than the National Grid</u>; </div> </div> </div> ... <div> <u>x. is required for the operation, maintenance, repair or upgrading of the National Grid and is undertaken within 2 metres of the existing National Grid.</u> </div>

Activity status when compliance with ECO-R1(1)(x) not achieved: RDIS
Matters of discretion are restricted to:
ECO-MD1 Indigenous vegetation clearance

Provision	Support/Oppose	Submission/Reasons	Decision Sought
indigenous biodiversity ECO-R2 Indigenous vegetation clearance outside any mapped SNA or unmapped SNA		For the avoidance of doubt, Transpower seeks the inclusion of new clauses in the Rule to provide for indigenous vegetation clearance outside of SNAs. In addition, Transpower notes that the National Grid traverses a number of waterbodies and vegetation clearance within those waterbodies may be necessary for the operation, maintenance and upgrading of the National Grid (including under the Electricity (Hazards from Trees) Regulations 2003). In order to give effect to the NPSET (including Policies 3 and 5), Transpower seeks an amendment to clauses (2) and (5) of the Rule.	<p>“... the indigenous vegetation clearance is not within 75m of a lake, 20m of the bank of a river, or 50m of any wetland, unless the clearance is expressly authorised under the NESF <u>or for the purposes of the operation, maintenance, upgrade or development of the National Grid;</u> ”</p> <p>and amend Rule ECO-R2 Indigenous vegetation clearance outside any mapped SNA or unmapped SNA as it applies to Lower Plains Ecological District, High Plains Ecological District, Oxford Ecological District, Torlesse Ecological District and Ashley Ecological District to add the following:</p> <p><u>x. is required for the operation, maintenance, upgrading or development of the National Grid.</u></p>
ECO - Pūnaha hauropi me te rerenga rauropi taketake - Ecosystems and indigenous biodiversity Advice Note ECO-AN1	Support in part	Transpower does not oppose Advice Note ECO-AN1, but set out earlier in this submission, Transpower considers that the are other relevant matters that should be set out in advice notes. In this case, Transpower seeks the inclusion of reference to the Electricity (Hazards from Trees) Regulations 2003 and the NESETA.	<p>Amend Advice Note ECO-AN1 as follows:</p> <p>“There may be additional requirements under:</p> <ol style="list-style-type: none"> the Regional Council's regional plans regarding vegetation clearance including within or near wetlands, within erosion-prone areas, and riparian areas, and the planting of pest species; the NESPF which regulates plantation forest and includes restrictions on afforestation within and 10m of any SNA; and the NESF which regulates activities that pose risks to the health of freshwater and freshwater ecosystems. <p><u>x. the NESETA that regulates vegetation clearance necessary for the operation, maintenance and upgrading of existing National Grid assets with reference to District Plan provisions.</u></p> <p><u>y. the Electricity (Hazards from Trees) Regulations 2003 that require the trimming or removal of vegetation that present a risk to the safe operation of electricity lines.”</u></p>
ECO - Pūnaha hauropi me te rerenga rauropi taketake - Ecosystems and indigenous biodiversity ECO-MD1 Indigenous	Support in part	Transpower generally supports the Matters of Discretion in ECO-MD1, but seeks the inclusion of further ‘Matters’ so that a consideration of any application for resource consent made under Rule ECO-R1(1)(x) includes a consideration of the need and rationale for the clearance being proposed.	<p>Amend Matters of Discretion ECO-MD1 Indigenous vegetation clearance as follows:</p> <p>“... </p> <p><u>x. The benefits of, and rationale for, the activity requiring vegetation clearance;</u></p> <p><u>y. the functional need and operational need of the activity requiring vegetation clearance.”</u></p>

Provision	Support/Oppose	Submission/Reasons	Decision Sought
vegetation clearance			
Āhuatanga o te awa - Natural character of freshwater bodies			
NATC - Āhuatanga o te awa - Natural character of freshwater bodies NATC-P5 Structures within surface freshwater body setbacks	Support	Transpower supports Policy NATC-P5 on the basis that the Policy appropriately enables activities that have a functional need or operational need to be located within the freshwater body setbacks. This would include the National Grid that must traverse both the Waimakariri and Ashley rivers.	Retain NATC-P5 Structures within surface freshwater body setbacks as notified.
NATC - Āhuatanga o te awa - Natural character of freshwater bodies NATC-P6 New and existing structures within and over freshwater bodies	Support in part	Transpower generally supports Policy NATC-P6 but seeks minor amendments to confirm that the Policy also applies to structure 'over' waterbodies.	Amend NATC-P6 New and existing structures within and over freshwater bodies as follows: "Provide for new structures, and upgrades to existing structures, on <u>or over</u> the surface of freshwater where: <ol style="list-style-type: none"> public access to, and along, the freshwater body is maintained; the structure has a functional need or operational need to be located on <u>or over</u> the surface of freshwater; the structure does not <u>unreasonably</u> compromise the use of the surface of freshwater for existing users; the structure does not <u>disturb</u> have a significant adverse effect on the habitat of indigenous species or hinder passage of migratory fish species; the structure avoids <u>to the extent practicable</u> creating new, or exacerbating existing natural hazards, or river or stream bank erosion; and any adverse effects to the natural character and cultural values, associated with freshwater bodies are avoided, remedied or mitigated in order to preserve those values.
NATC - Āhuatanga o te awa - Natural character of freshwater bodies	Oppose	Transpower opposes Rule NATC-R7 on the basis that the Rule does not provide a clear permitted activity pathway for the maintenance, repair and upgrading of the National Grid (particularly where this might be the addition of conductors over a waterbody). In order to give effect to the NPSET (including Policies 2 and 5), Transpower	Amend Rule NATC-R7 Addition to an existing building or structure Scheduled Natural Character Freshwater Bodies Overlay "1. any building or structure addition has a maximum GFA addition of 10m2 in any continuous five year period

Provision	Support/Oppose	Submission/Reasons	Decision Sought
Rule NATC-R7 Addition to an existing building or structure Scheduled Natural Character Freshwater Bodies Overlay		seeks an amendment to the rule to provide for such activities as a permitted activity.	<u>x. the structures is part of the National Grid and clause (1) does not apply."</u>
NATC - Āhuetanga o te awa - Natural character of freshwater bodies Rule NATC-R8 New structures within and over freshwater bodies NATC-R9 New building or structure	Support in part	Transpower generally supports Rules NATC-R8 and NATC-R9 that provide for new structures within and over freshwater bodies and new buildings or structures respectively as restricted discretionary activities on the basis that one or other of the rules may provide for the new National Grid assets traversing a Scheduled Natural Character Freshwater Bodies Overlay. That said, Transpower notes that new transmission lines may be better provided for under Rule EI-R24 (with any necessary amendments).	Clarify how Rules NATC-R8 and NATC-R9 apply to the National Grid (and any other provisions in respect of the existing National Grid) and if necessary, amend Rule EI-R24 New overhead transmission lines and electricity distribution lines and supporting poles and towers.
NATC - Āhuetanga o te awa - Natural character of freshwater bodies Standard NATC-S1 Setback standards for the natural character of freshwater bodies	Oppose	Transpower opposes Standard NATC-S1 to the extent that it is not clear whether this setback would apply to the National Grid that has a functional need and operational need to traverse rivers and, as such, be located within the setback. As set out elsewhere in this submission, it is essential that the Proposed District Plan is clear in respect of the provisions that apply to infrastructure and, where provisions apply, infrastructure is appropriately enabled in order to give effect to higher order provisions and implement the District Plan objectives.	Amend Standard NATC-S1 Setback standards for the natural character of freshwater bodies to include a clear direction that the National Grid is exempt from this setback and the provisions of the Energy and Infrastructure Chapter apply.
Āhuetanga o te whenua - Natural Features and Landscapes			
NFL - Āhuetanga o te whenua - Natural Features and Landscapes Other potentially relevant District Plan provisions	Support in part	Transpower considers that the provisions in this section of the Proposed District Plan do not include a clear direction in respect of the rules that relate to infrastructure located on natural features or within natural landscapes. In order to provide greater clarity, Transpower seeks an amendment to the rule guidance in 'other potentially relevant District Plan provisions'.	Amend 'Other potentially relevant District Plan provisions' as follows: "As well as the provisions in this chapter, other District Plan chapters that contain provisions that may also be relevant to natural features and landscapes include: ... • <u>Energy and Infrastructure: the Energy and Infrastructure chapter contains the provisions that manage existing infrastructure, and</u>

Provision	Support/Oppose	Submission/Reasons	Decision Sought
			<u>ancillary vehicle access tracks, and new infrastructure on natural features or within natural landscapes and the rules in this chapter do not apply.</u> ..."
NFL - Āhuetanga o te whenua - Natural Features and Landscapes NFL-O1 Outstanding Natural Features	Support in part	Transpower generally supports Objective NFL-O1, but seeks that the Objective be amended to better reflect section 6(b) of the RMA.	Amend Objective NFL-O1 Outstanding Natural Features as follows: "Outstanding natural features are protected from <u>inappropriate</u> land use or development that would adversely affect the values of these features."
NFL - Āhuetanga o te whenua - Natural Features and Landscapes NFL-O2 Outstanding Natural Landscapes	Support in part	Transpower generally supports Objective NFL-O2, but seeks that the Objective be amended to better reflect section 6(b) of the RMA.	Amend Objective NFL-O2 Outstanding Natural Landscapes as follows: "Outstanding natural landscapes are protected from <u>inappropriate</u> land use or development that would adversely affect the values of these landscapes."
NFL - Āhuetanga o te whenua - Natural Features and Landscapes NFL-O3 Significant Amenity Landscapes	Support	Transpower generally supports Objective NFL-O3 to the extent that it is consistent with section 7(c) of the RMA.	Retain Objective NFL-O3 Significant Amenity Landscapes as notified.
NFL - Āhuetanga o te whenua - Natural Features and Landscapes NFL-P1 Protect Outstanding Natural Features	Support in part	Transpower generally supports Policy NFL-P1, but seeks that the Objective be amended to better reflect section 6(b) of the RMA and to achieve consistency with Policy EI-P5 as amended by this submission.	Amend Policy NFL-P1 Protect Outstanding Natural Features as follows: "Recognise the values of the outstanding natural features identified in NFL-APP1 and protect them from the adverse effects of <u>inappropriate</u> activities and development, <u>except where Policy EI-P5 applies</u> , by: 1. avoiding use and development that detracts from the very high biophysical values and high sensory and associative values identified in NFL-APP1 for the Waimakariri River; 2. avoiding use and development that detracts from the very high biophysical and sensory values, and high associative values of the

Provision	Support/Oppose	Submission/Reasons	Decision Sought
			<p>Ashley River/Rakahuri Saltwater Creek Estuary identified in NFL-APP1, including on:</p> <ol style="list-style-type: none"> coastal physical processes; ecological habitat and indigenous biodiversity; and the experience of the elements and processes of (a) and (b); <ol style="list-style-type: none"> enabling community scale erosion and flood control structures where adverse impacts on the values are mitigated; avoiding any significant loss of indigenous vegetation; avoiding activities such as plantation forestry, woodlots, shelterbelts, mining and quarrying activities and large buildings or groups of buildings or other structures which create adverse effects on the identified values; providing for existing rural production where this does not detract from the identified values; and enabling conservation activities and non motorised recreation activities."
NFL - Āhuetanga o te whenua - Natural Features and Landscapes NFL-P3 Protect Outstanding Natural Landscapes	Support in part	Transpower generally supports Policy NFL-P3, but seeks that the Objective be amended to better reflect section 6(b) of the RMA and to achieve consistency with Policy EI-P5 as amended by this submission.	<p>Amend NFL-P3 Protect Outstanding Natural Landscapes as follows:</p> <p>"Recognise the values of the outstanding natural landscapes identified in NFL-APP1 and protect them from the adverse effects of <u>inappropriate</u> activities and development, <u>except where Policy EI-P5 applies</u>, by:</p> <ol style="list-style-type: none"> avoiding use and development that detracts from the very high biophysical values and high sensory and associative values of the Puketeraki Range and Oxford Foothills identified in NFL-APP1, in particular on the: <ol style="list-style-type: none"> exposed alpine environments; sheltered densely forested slopes and gullies of the Oxford Hills; indigenous vegetation; and recreational values; avoiding use and development in areas which have no capacity to absorb change, including near ridgelines, and mitigating adverse effects through bulk, location and design controls in other areas; avoiding any significant loss of indigenous vegetation; avoiding activities such as plantation forestry, shelterbelts, mining and quarrying activities which create adverse effects on the identified values;

Provision	Support/Oppose	Submission/Reasons	Decision Sought
			5. providing for existing rural production where this does not detract from the identified values; and 6. enabling conservation activities and non motorised recreation activities."
NFL - Āhuetanga o te whenua - Natural Features and Landscapes NFL-P4 Maintain Significant Amenity Landscapes	Support in part	Transpower generally supports Objective NFL-P4, but seeks that the Objective be amended to achieve consistency with Policy EI-P5 as amended by this submission.	Amend Policy NFL-P4 Maintain Significant Amenity Landscapes as follows: "Recognise the values of the significant amenity landscapes identified in NFL-APP1 and maintain them, <u>except where Policy EI-P5 applies</u> by: 1. managing adverse effects of use and development on the moderate-high biophysical values and high sensory and associative values of the Ashley River/Rakahuri identified in NFL-APP1, in particular on the: a. braided river system; b. indigenous fauna and vegetation; c. the wilderness and natural environment; and d. recreational values; 2. enabling community scale erosion and flood control structures where adverse impacts on the values are mitigated; 3. avoiding any significant loss of indigenous vegetation; 4. avoiding incompatible activities, including plantation forestry, shelterbelts, mining and quarrying activities, and large buildings or groups of buildings or other structures which create unacceptable adverse effects on the identified values; 5. mitigating through bulk, location and design controls the adverse effects of other uses and development in areas which have no capacity to absorb change; 6. providing for non motorised recreation activities and conservation activities; and 7. providing for existing rural production where this does not detract from the identified values."

Provision	Support/Oppose	Submission/Reasons	Decision Sought
Tomonga mārea - Public Access			
PA - Tomonga mārea - Public Access Objective PA-O1 Provision of public access	Support	Transpower supports Objective PA-O1 to the extent that the Objective caveats the provision of public access where there may be an adverse effect on health and safety. This is relevant to any limitation to public access that may be required from time-to-time in respect of the safe operation, maintenance and upgrading of the National Grid. As such, Transpower considers that the Objective gives effect to Policies 2 and 5 of the NPSET.	Retain Objective PA-O1 Provision of public access as notified.
PA - Tomonga mārea - Public Access Policy PA-P3 Adverse effects of public access	Support	Transpower supports Policy PA-P3 to the extent that the Policy provides for the restriction of public access to protect public health or safety. This is relevant to any limitation to public access that may be required from time-to-time in respect of the safe operation, maintenance and upgrading of the National Grid. As such, Transpower considers that the Policy gives effect to Policies 2 and 5 of the NPSET.	Retain Policy PA-P3 Adverse effects of public access as notified.
Subdivision			
SUB - Wāwāhia whenua - Subdivision Introduction	Support in part	Transpower generally supports the Introduction to the Subdivision Chapter but seeks a minor amendment so that the introductory text foreshadows subsequent provisions that manage that adverse effects, including potential reverse sensitivity effects, of subdivision on the operation, maintenance, upgrading and development of the National Grid.	Amend the fourth paragraph of the 'Introduction' as follows: " ... Subdivision also provides an opportunity to consider matters such as natural hazards, <u>the protection of the National Grid</u> , protection and enhancement of riparian margins, rural character, reverse sensitivity, urban design, and the recognition and protection of cultural values."
SUB - Wāwāhia whenua - Subdivision Policy SUB-P1 Design and amenity	Support in part	Transpower generally supports Policy SUB-P1 on the basis that clause 3 gives effect to Policies 10 and 11 of the NPSET. That said, Transpower considers that the expression in Policy SUB-P1 could be improved so that the Policy does not read " ... enable subdivision that avoids subdivision that ...".	Amend Policy SUB-P1 – Design and amenity as follows: "SUB-P1 Design and amenity Enable subdivision that: 1. <u>Enable subdivision</u> within Residential Zones; that incorporates best practice urban design, access to open space, and CPTED principles; 2. <u>Enable subdivision that</u> minimises reverse sensitivity effects on infrastructure including through the use of setbacks; 3. Avoids subdivision that restricts the operation, maintenance, upgrading and development of the National Grid; 4. <u>Enable subdivision that</u> recognises and provides for the expression of cultural values of mana whenua and their connections in subdivision design; and

Provision	Support/Oppose	Submission/Reasons	Decision Sought									
			5. <u>Enable subdivision that</u> supports the character, amenity values, form and function for the relevant zone.”									
SUB - Wāwāhia whenua - Subdivision Rule SUB-R2 Subdivision	Support in part	Transpower supports Rule SUB-R2 to the extent that the Proposed District Plan includes a rule that provides for subdivision associated with infrastructure activities. That said, Transpower considers that the proposed rule (and associated matters over which Council has reserved its control) are overly broad and onerous. Transpower considers that it is more efficient and effective for subdivision for unstaffed infrastructure to be a permitted activity. In this regard, Transpower considers that the Section 32 Report is flawed because the starting assumption is that subdivision is a controlled activity and, as such, permitted activity status has been dismissed without appropriate evaluation.	Amend the subdivision rules to provide for subdivision for unstaffed infrastructure as a permitted activity.									
SUB - Wāwāhia whenua - Subdivision Rule SUB-R6 Subdivision within the National Grid Yard	Support in part	<p>Transpower generally supports Rule SUB-R6 but seeks that the Rule apply to an area known as a National Grid Subdivision Corridor. This area is based on based on an average calculated measurement of maximum conductor swing in high wind conditions.</p> <p>The National Grid Subdivision Corridor establishes an appropriate, and nationally consistent, distances (measured from the centreline of a transmission line) within which subdivision activities must be regulated in order to give effect to Policies 10 and 11 of the NPSET. Further, from a cross-boundary perspective, Transpower notes that the notified Rule is inconsistent with the approach taken in the Hurunui District Plan; the Christchurch City Plan and proposed Selwyn District Plan.</p>	<table><tr><td colspan="3">Amend SUB-R6 Subdivision within the National Grid Yard as follows:</td></tr><tr><td>SUB-R6</td><td colspan="2">Subdivision within the National Grid Yard Subdivision Corridor</td></tr><tr><td>National Grid Yard Overlay Subdivision Corridor</td><td><p>Activity status: RDIS</p><p>Where:</p><p>1. a building platform is identified on the subdivision plan that is outside of the National Grid Yard, to be secured by way of a consent notice; and</p><p>2. SUB-S1 to SUB-S18 are met.</p><p>Matters of discretion are restricted to:</p><p>Matters of control/discretion listed in SUB-R2 SUB-MCD11 - Effects on or from the National Grid</p><p>Notification</p><p>An application for a restricted discretionary activity under this</p></td><td><p>Activity status when compliance with SUB-R6 (1) not achieved: NC</p><p>Activity status when compliance with SUB-R6 (2) not achieved: as set out in the relevant subdivision standards</p></td></tr></table>	Amend SUB-R6 Subdivision within the National Grid Yard as follows:			SUB-R6	Subdivision within the National Grid Yard Subdivision Corridor		National Grid Yard Overlay Subdivision Corridor	<p>Activity status: RDIS</p> <p>Where:</p> <p>1. a building platform is identified on the subdivision plan that is outside of the National Grid Yard, to be secured by way of a consent notice; and</p> <p>2. SUB-S1 to SUB-S18 are met.</p> <p>Matters of discretion are restricted to:</p> <p>Matters of control/discretion listed in SUB-R2 SUB-MCD11 - Effects on or from the National Grid</p> <p>Notification</p> <p>An application for a restricted discretionary activity under this</p>	<p>Activity status when compliance with SUB-R6 (1) not achieved: NC</p> <p>Activity status when compliance with SUB-R6 (2) not achieved: as set out in the relevant subdivision standards</p>
Amend SUB-R6 Subdivision within the National Grid Yard as follows:												
SUB-R6	Subdivision within the National Grid Yard Subdivision Corridor											
National Grid Yard Overlay Subdivision Corridor	<p>Activity status: RDIS</p> <p>Where:</p> <p>1. a building platform is identified on the subdivision plan that is outside of the National Grid Yard, to be secured by way of a consent notice; and</p> <p>2. SUB-S1 to SUB-S18 are met.</p> <p>Matters of discretion are restricted to:</p> <p>Matters of control/discretion listed in SUB-R2 SUB-MCD11 - Effects on or from the National Grid</p> <p>Notification</p> <p>An application for a restricted discretionary activity under this</p>	<p>Activity status when compliance with SUB-R6 (1) not achieved: NC</p> <p>Activity status when compliance with SUB-R6 (2) not achieved: as set out in the relevant subdivision standards</p>										

Provision	Support/Oppose	Submission/Reasons	Decision Sought
			rule is precluded from being publicly notified, but may be limited notified only to Transpower New Zealand Limited, where the consent authority considers this is required, absent its written approval.
SUB - Wāwāhia whenua – Subdivision SUB-MCD11 Effects on or from the National Grid	Support	Transpower supports the Matters of Discretion in SUB-MCD11 on the basis that the 'Matters' provide for the potential impacts of subdivision and future land use on the National Grid to be appropriately addressed in a manner that gives effect to the NPSET.	Retain Matters of Discretion SUB-MCD11 Effects on or from the National Grid as notified.
General District-Wide Matters			
Te taiao o te takutai moana - Coastal			
CE - Te taiao o te takutai moana - Coastal environment Other potentially relevant District Plan provisions	Support in part	Transpower considers that the provisions in this section of the Proposed District Plan do not include a clear direction in respect of the rules that relate to infrastructure in the coastal environment. In order to provide greater clarity, Transpower seeks an amendment to the rule guidance in 'other potentially relevant District Plan provisions'.	Amend 'Other potentially relevant District Plan provisions' as follows: "As well as the provisions in this chapter, other District Plan chapters that contain provisions that may also be relevant to the topic of the coastal environment include: ... <ul style="list-style-type: none"> Energy and Infrastructure: this the Energy and Infrastructure chapter contains the provisions that allow for manage existing infrastructure, and ancillary vehicle access tracks, while controlling and new infrastructure in within those areas of the coastal environment and the rules in this chapter do not apply containing high natural character. ..."
CE - Te taiao o te takutai moana - Coastal environment Objective CE-O4 Activities in the Coastal Environment	Support in part	Subject to the relief sought elsewhere in Transpower's submission, Transpower generally supports Objective CE-O4 but considers that the concept of values not being compromised differs from the direction given in section 6(a) of the RMA that directs that the preservation of natural character from inappropriate subdivision, use and development is recognised and provided for.	Amend CE-O4 Activities in the Coastal Environment as follows: "People and communities are able to provide for their social, economic and cultural well-being, recognising that the protection of natural character and indigenous biodiversity, public access or cultural values does not preclude subdivision, use or development, where this does not inappropriately compromise these values."

Provision	Support/Oppose	Submission/Reasons	Decision Sought
CE - Te taiao o te takutai moana - Coastal environment Policy CE-P2 Preservation of Natural Character	Support in part	<p>Subject to the relief sought elsewhere in Transpower's submission, Transpower generally supports Policy CE-P2 but considers that the concept of values not being compromised differs from the direction given in section 6(a) of the RMA that directs that the preservation of natural character from inappropriate subdivision, use and development is recognised and provided for.</p> <p>Further, Transpower is concerned that the effects management approach is overly onerous and inconsistent with the direction given in the CRPS. Transpower seeks that the Policy be amended to reflect, and give effect to, the CRPS.</p>	<p>Amend CE-P2 Preservation of natural character as follows: "Recognise the natural character values identified in CE-SCHED1, CE-SCHED2, and other areas of the coastal environment, and protect them by:</p> <ol style="list-style-type: none"> 1. avoiding, <u>where possible</u>, all adverse effects from <u>inappropriate</u> subdivision, use or development within areas of ONC, and areas adjoining the CMA; 2. avoiding, <u>where possible</u>, significant adverse effects, including cumulative effects, from <u>inappropriate</u> subdivision, use or development within areas of HNC, or VHNC; 3. avoiding, remedying or mitigating any other adverse effects on natural character attributes in the coastal environment; 4. avoiding, <u>where possible</u>, the clearance of indigenous vegetation, and the planting of non-indigenous vegetation within identified coastal natural character areas; 5. avoiding, <u>where possible</u>, activities that damage the stability of coastal dune systems; and 6. maintaining indigenous biodiversity, including remnant vegetation and habitats of indigenous species."
CE - Te taiao o te takutai moana - Coastal environment Policy CE-P7 Infrastructure in the coastal environment	Support in part	<p>Subject to the relief sought elsewhere in Transpower's submission, Transpower generally supports Policy CE-P7 to the extent that the Policy specifically addresses infrastructure in the coastal environment (including its functional and operational need to be located in the coastal environment). That said, Transpower considers that the expression "does not create adverse effects to the identified coastal natural character areas" could be read to mean that infrastructure in coastal natural character areas cannot have any adverse effects at all. If this is the case, Transpower considers that Policy CE-P7 is not consistent with the purpose and principles of the RMA (noting that the RMA does not establish a 'no effects' regime) and does not give effect to the CRPS (including Policies 8.3.3, 8.3.6 and 16.3.4) and the NPSET insofar as it relates to the National Grid.</p> <p>Further, Transpower is concerned that the relationship between Policy CE-P2 and CE-P7 is not clear.</p>	<p>Amend Policy CE-P7 Infrastructure in the coastal environment "Notwithstanding Policy CE-P2, rRecognise and provide for the maintenance, upgrade and development of infrastructure that has a functional need or operational need to be located in the coastal environment, where this does not create adverse effects <u>on the values of</u> to the identified coastal natural character areas <u>are avoided, or where this is not practicable, remedied or mitigated.</u>"</p>

Provision	Support/Oppose	Submission/Reasons	Decision Sought
		Transpower seeks amendments to give effect to the higher order documents and to clarify the relationship between provisions.	
Ketuketu whenua – Earthworks			
EW - Ketuketu whenua – Earthworks Other potentially relevant District Plan provisions	Oppose	Transpower considers that the provisions in this section of the Proposed District Plan do not include a clear direction that the rules that relate to earthworks in the National Grid Yard also apply. In order to confirm that this is the case, and therefore to give effect to Policy 10 of the NPSET, Transpower seeks an amendment to the rule guidance in ‘other potentially relevant District Plan provisions’.	Amend ‘Other potentially relevant District Plan provisions’ as follows: “As well as the provisions in this chapter, other District Plan chapters that contain provisions that may also be relevant to earthworks include: <ul style="list-style-type: none"> Energy and Infrastructure: this chapter contains provisions relating to energy and infrastructure activities that involve earthworks <u>along with Rules EI-R52 and EI-R53 that apply to earthworks, quarrying and landfill activities in the National Grid Yard;</u> ...”
EW - Ketuketu whenua – Earthworks Policy EW-P1 Enabling earthworks	Support	Transpower supports Policy EW-P1 to the extent that the Policy sets out earthworks that are enabled by the Proposed District Plan. That said, Transpower consider that the Policy, insofar as it relates to the National Grid, does not give effect to the NPSET because it does not enable earthworks for the operation, repair, maintenance, upgrade and development of the National Grid. Transpower seeks an amendment to the Policy to achieve this be reference to infrastructure more generally.	Amend Policy EW-P1 Enabling earthworks as follow: “Enable earthworks where they: <ol style="list-style-type: none"> are compatible with the character, values and qualities of the location and surrounding environment; avoid, remedy or mitigate any adverse effects on any sites or areas identified as ONL, ONF, SAL, Coastal Environment Overlay, SNA, sites and areas of significance to Māori, Natural Open Space Zone, surface freshwater bodies and their margins, or any notable tree, historic heritage or heritage setting; minimise erosion and avoid adverse effects from stormwater or sediment discharge from the site; avoid increasing the risk to people or property from natural hazards; maintain the stability of land including adjoining land, infrastructure, buildings and structures; minimise the modification or disturbance of land, including any associated retaining structures, on the visual amenity values of the surrounding area; and minimise adverse dust, vibration and visual effects beyond the site. <u>x. enable the on-going operation, maintenance, repair, upgrading and development of infrastructure.”</u>

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EW - Ketuketu whenua – Earthworks Rule EW-R8 Earthworks for underground infrastructure	Support	Subject to the relief sought elsewhere in Transpower’s submission, Transpower supports Rule EW-R8 on the basis that the Rule provides an enabling framework for earthworks for underground infrastructure and therefore appropriately recognises that such infrastructure does not result in permanent adverse effects on the environment.	Retain Rule EW-R8 as notified.
EW - Ketuketu whenua – Earthworks New Rule	Oppose	Transpower opposes the earthwork rules to the extent that the Rules do not include a rule that enables the operation, repair, maintenance and upgrade of existing infrastructure. Transpower seeks that a permitted activity pathway be provided for such activities and suggests regulations that permitted earthworks for the National Grid in the NESETA may provide guidance in respect of an acceptable permitted activity ‘threshold’.	Amend the earthworks Rules to provide a consenting pathway for earthworks related to the operation, maintenance and upgrading of existing infrastructure (including where such earthworks are necessary for repairs or to achieve mandatory ground to conductor clearance violations).
EW - Ketuketu whenua – Earthworks Advice Notes EW-AN1	Support in part	<p>Transpower generally supports the advice notes included in EW-AN1 and particularly the inclusion of reference to the NESETA. However, Transpower seeks:</p> <ul style="list-style-type: none"> • That the reference to the NESETA be amended (or distinguished from the NESTF) so that the regulations in the NESETA are more accurately reflected and expressed in a way that is consistent with Advice Notes elsewhere in the Proposed District Plan; and • that this list of other applicable requirements also makes reference to NZECP 34:2001 - New Zealand Electricity Code of Practice for Electricity Safe Distances in order to give effect to Policies 10 and 11 of the NPSET and to provide for the health and safety of people and communities. 	<p>Amend Advice Notes EW-AN1 as follows:</p> <p>“Activities and structures may also be subject to controls outside the District Plan. Reference should also be made to any other applicable rules or constraints within other legislation or ownership requirements including the following:</p> <p>...</p> <p>5. The NESETA and the NESTF hasve controls for earthworks in relation to infrastructure. Earthworks managed under the NESETA and the NESTF are not subject to provisions in this chapter other than where they address terms and conditions not covered in the NES, or in the circumstances where the District Plan is allowed to be more stringent than the NESTF, including if the activity is located:</p> <ol style="list-style-type: none"> a. within the root protection area of a notable tree or other vegetation in the road reserve listed in the District Plan; b. within the root protection area of a notable tree, group of trees, or other vegetation outside the road reserve identified as being of special significance listed in the District Plan; c. in a place identified in the District Plan as having heritage values; d. in a landscape feature identified in the District Plan as having special visual amenity values (however described);

Provision	Support/Oppose	Submission/Reasons	Decision Sought
			<p>e. in an area identified in the District Plan as a significant habitat for indigenous vegetation (however described);</p> <p>f. on an area identified in the District Plan as a significant habitat for indigenous fauna;</p> <p>g, in an area identified in the District Plan as an outstanding natural landscape or feature;</p> <p>h, in an area where the District Plan has rules to protect the adjoining CMA.</p> <p>...</p> <p><u>x. The Resource Management (National Environmental Standards for Electricity Transmission Activities) Regulations 2009 manage earthworks relating to an existing transmission line and the provisions in this Chapter do not apply.</u></p> <p><u>y. NZECP 34:2001 - New Zealand Electrical Code of Practice for Electrical Safe Distances applies to earthworks in the vicinity of electricity lines, including near support structures and beneath the lines."</u></p>
Ngā tohu – Signs			
SIGN - Ngā tohu – Signs Other potentially relevant District Plan provisions	Support in part	Transpower does not oppose the Proposed District Plan provisions that relate to signs. However, Transpower considers that the provisions do not include a clear direction that the rules that relate to activities in the National Grid Yard apply to signs. In order to confirm that this is the case, and therefore to give effect to Policy 10 of the NPSET, Transpower seeks an amendment to the rule guidance in 'other potentially relevant District Plan provisions'.	<p>Amend 'Other potentially relevant District Plan provisions' as follows:</p> <p>"As well as the provisions in this chapter, other District Plan chapters that contain provisions that may also be relevant to signs include:</p> <p>...</p> <ul style="list-style-type: none"> Any other District wide matter that may affect or relate to the site <u>including Energy and Infrastructure Rules EI-R51, EI-R52 and EI-R53 that apply to signs in the National Grid Yard.</u> <p>..."</p>
SIGN - Ngā tohu – Signs SIGN-R1 Any official sign	Support	Transpower supports Rule SIGN-R1 on the basis that the Rule enables official signs without constraint, including those that relate to the National Grid. As such, the proposed Rule provides for the health and safety of people and communities.	Retain as notified
SIGN - Ngā tohu – Signs Advice Notes SIGN-AN1	Support	Transpower generally supports the advice notes included in SIGN-AN1 and particularly the inclusion of reference to the NESETA. However, Transpower seeks that this list of other applicable requirements also makes reference to NZECP 34:2001 - New Zealand Electricity Code of Practice for Electricity Safe Distances in	<p>Amend SIGN-AN1 as follows:</p> <p>"Signs may also be subject to applicable requirements within other legislation or documents, including the following:</p> <p>...</p>

Provision	Support/Oppose	Submission/Reasons	Decision Sought
		order to give effect to Policies 10 and 11 of the NPSET and to provide for the health and safety of people and communities.	<u>x. NZECP 34:2001 - New Zealand Electricity Code of Practice for Electricity Safe Distances applies to signs located in the vicinity of electricity lines.</u>
Ngā mahi taupua - Temporary activities			
TEMP - Ngā mahi taupua - Temporary Activities Other potentially relevant District Plan provisions	Support in part	Transpower does not oppose the Proposed District Plan provisions that relate to temporary activities. However, Transpower considers that the provisions do not include a clear direction that the rules that relate to activities in the National Grid Yard apply to temporary activities. In order to confirm that this is the case, and therefore to give effect to Policies 10 and 11 of the NPSET, Transpower seeks an amendment to the rule guidance in 'other potentially relevant District Plan provisions'.	Amend 'Other potentially relevant District Plan provisions' as follows: "As well as the provisions in this chapter, other District Plan chapters that contain provisions that may also be relevant to temporary activities include: ... <ul style="list-style-type: none"> Energy and Infrastructure: this chapter applies for temporary infrastructure <u>and Rules EI-R51, EI-R52 and EI-R53 apply to temporary activities in the National Grid Yard.</u> ..."
PART 3 – AREA SPECIFIC MATTERS			
Wāhanga waihanga - Development Areas			
Wāhanga waihanga - Development Areas General	Support in part	Transpower does not oppose the Development Area provisions in the Proposed District Plan but seeks that, where the National Grid is located in, or traverses, an identified development area, the provisions that apply to the Development Area recognise and provide for the National Grid in a manner that gives effect to the NPSET. It is noted that such an approach is consistent with Policy UFD-P10 (including as amended by this submission).	Where the National Grid traverses any identified Development Area, as a minimum, include: <ul style="list-style-type: none"> the National Grid transmission lines (and National Grid Yard) on the ODP; and include an 'Advisory Note' that confirms that in all cases Energy and Infrastructure Rules EI-R51, EI-R52 and EI-R53 apply to all activities and structures in the National Grid Yard and Subdivision Rule SUB-R6 applies to subdivision in the National Grid Subdivision Corridor (as amended by this submission).
NWR - Northwest Rangiora Development Area	Support in part	Transpower does not oppose the existing NWR - Northwest Rangiora Development Area but notes that this area is traversed by National Grid transmission lines. Transpower is concerned that: <ul style="list-style-type: none"> the Development Area provisions do not include an acknowledgement of the transmission lines; the ODP does not show the transmission lines; and the 'advisory note', subject to interpretation, could result in development occurring in a manner that does not comply with 	Amend the provisions that apply to the NWR - North West Rangiora Development Area to, as a minimum, include: <ul style="list-style-type: none"> the National Grid transmission lines (and National Grid Yard) on the ODP; and include the following addition to the 'Advisory Note': "For the avoidance of doubt, where an Activity or Built Form Standard is in conflict with this ODP, the ODP shall substitute the provision, <u>except that in all cases Energy and Infrastructure Rules EI-R51, EI-R52 and EI-R53 apply to all activities and structures in the</u>

Provision	Support/Oppose	Submission/Reasons	Decision Sought
		<p>Energy and Infrastructure Rules EI-R51, EI-R52 and EI-R53 that apply to activities in the National Grid Yard.</p> <p>Transpower considers that the outcomes set out above do not give effect to the NPSET. Transpower therefore seeks amendments to the ODP and accompanying provisions so that the statutory requirement to give effect to the NPSET (and meet the purpose of the RMA) is achieved. In this regard, it is also noted that such an approach is consistent with Policy UFD-P10 (including as amended by this submission).</p>	<p>National Grid Yard and Subdivision Rule SUB-R6 applies to subdivision in the National Grid Subdivision Corridor.</p>
SBK - Southbrook Development Area	Support in part	<p>Transpower does not oppose the existing SBK - Southbrook Development Area but notes that this area is traversed by National Grid transmission lines. Transpower is concerned that:</p> <ul style="list-style-type: none"> the Development Area provisions do not include an acknowledgement of the transmission lines; the ODP does not show the transmission lines; and the 'advisory note', subject to interpretation, could result in development occurring in a manner that does not comply with Energy and Infrastructure Rules EI-R51, EI-R52 and EI-R53 that apply to activities in the National Grid Yard. <p>Transpower considers that the outcomes set out above do not give effect to the NPSET. Transpower therefore seeks amendments to the ODP and accompanying provisions so that the statutory requirement to give effect to the NPSET (and meet the purpose of the RMA) is achieved. In this regard, it is also noted that such an approach is consistent with Policy UFD-P10 (including as amended by this submission).</p>	<p>Amend the provisions that apply to the SBK - Southbrook Development Area to, as a minimum, include:</p> <ul style="list-style-type: none"> the National Grid transmission lines (and National Grid Yard) on the ODP; and include the following addition to the 'Advisory Note': "For the avoidance of doubt, where an Activity or Built Form Standard is in conflict with this ODP, the ODP shall substitute the provision, except that in all cases Energy and Infrastructure Rules EI-R51, EI-R52 and EI-R53 apply to all activities and structures in the National Grid Yard and Subdivision Rule SUB-R6 applies to subdivision in the National Grid Subdivision Corridor."
Tautapa - Designations			
WDC - Waimakariri District Council Designation WDC-5 Rangiora Transfer Station	Oppose	<p>Transpower opposes proposed designation WDC-5 on the basis that the notice of requirement for the designation, including the accompanying conditions, fails to consider possible adverse effects of the ongoing use of the site on the operation, maintenance, upgrading and development of the existing National Grid assets that are located within the eastern boundary of the site. Examples of activities on the site that could compromise the National Grid could include fencing, tree planning, stockpiling, earthworks, operation of</p>	<p>Withdraw the notice of requirement for Designation WD-5 until such time as a notice of requirement for a designation is given that includes:</p> <ul style="list-style-type: none"> an assessment of the potential effects of the proposed designation on the National Grid is completed; an assessment of all relevant provisions of the CRPS and the NPSET; methods to avoid potential adverse effects are proposed; and these methods are embedded through conditions proposed to be imposed on a confirmed designation.

Provision	Support/Oppose	Submission/Reasons	Decision Sought
		<p>mobile plant and any physical barriers that may prevent access to National Grid structures.</p> <p>Further, the notice of requirement for the designation fails to identify the NPSET or a number of CRPS provisions, including Policy 16.3.4, as relevant considerations and therefore has not had particular regard to all relevant higher order documents and other matters in section 171 of the RMA in reaching a flawed conclusion that the proposed designation is “consistent with the principles and purpose of the RMA”.</p>	
WDC - Waimakariri District Council Designation WDC-45 New Road, River Road to Lehmans Road	Oppose	<p>Transpower opposes Proposed Designation WDC-45 on the basis that the notice of requirement for the designation, including the accompanying conditions, fails to consider possible adverse effects of the establishment, use and maintenance of a new road (the activity for which the designation is sought) on the operation, maintenance, upgrading and development of the existing National Grid assets that are located within (and alongside) the proposed designation. The notice of requirement concludes that the effects of the construction of the new road are minor, but does not set out how this conclusion has been reached in respect of the potential impacts on the nationally significant National Grid. Examples potential effects that have not been considered include:</p> <ul style="list-style-type: none"> • earthworks and land disturbance destabilising support structures; • electrical hazards (flashovers) cause by dust on conductors and insulators; • induced and transferred voltages, and earth potential rise, where conductive material is in close proximity to support structures; and • conductor to ground or mobile plant clearance violations (and possible risk of conductor contact). <p>In addition, the notice of requirement for the designation fails to identify the NPSET or a number of CRPS provisions, including Policy 16.3.4, as relevant considerations and therefore has not had particular regard to all relevant higher order documents and other matters in section 171 of the RMA in reaching a flawed conclusion that the proposed designation is “consistent with the principles and purpose of the RMA”.</p>	<p>Withdraw the notice of requirement for Designation WD-45 until such time as a notice of requirement for a designation is given that includes:</p> <ul style="list-style-type: none"> • an assessment of the potential effects of the proposed designation on the National Grid is completed; • an assessment of all relevant provisions of the CRPS and the NPSET; • methods to avoid potential adverse effects are proposed; and • these methods are embedded through conditions proposed to be imposed on a confirmed designation.

Provision	Support/Oppose	Submission/Reasons	Decision Sought
WDC - Waimakariri District Council Designation WDC- 47 Rangiora East Road Connection	Oppose	<p>Transpower opposes Proposed Designation WDC-47 on the basis that the notice of requirement for the designation, including the accompanying conditions, fails to properly consider possible adverse effects of the establishment, use and maintenance of a new road (the activity for which the designation is sought) on the operation, maintenance, upgrading and development of the existing National Grid assets that are located within (and traverse) the proposed designation. The notice of requirement concludes that the effects of the construction of the new road are minor, but does not set out how this conclusion has been reached in respect of the potential impacts on the nationally significant National Grid. Examples potential effects that have not been considered include:</p> <ul style="list-style-type: none"> • earthworks and land disturbance destabilising support structures; • electrical hazards (flashovers) cause by dust on conductors and insulators; • induced and transferred voltages, and earth potential rise, where conductive material is in close proximity to support structures; and • conductor to ground or mobile plant clearance violations (and possible risk of conductor contact). <p>In addition, the notice of requirement for the designation fails to identify the NPSET or a number of CRPS provisions, including Policy 16.3.4, as relevant considerations and therefore has not had particular regard to all relevant higher order documents and other matters in section 171 of the RMA in reaching a flawed conclusion that the proposed designation is “<i>consistent with the principles and purpose of the RMA</i>”.</p> <p>Further, Transpower notes that the notice of requirement concludes in respect of the transmission lines that “<i>the designation as it stands is appropriate to allow the issues to be properly mitigated at the time of design and construction</i>”. Transpower does not agree with this statement and considers that it is not clear how the proposed designation achieves this mitigation.</p>	<p>Withdraw the notice of requirement for Designation WD-45 until such time as a notice of requirement for a designation is given that includes:</p> <ul style="list-style-type: none"> • an assessment of the potential effects of the proposed designation on the National Grid is completed; • an assessment of all relevant provisions of the CRPS and the NPSET; • methods to avoid potential adverse effects are proposed; and • these methods are embedded through conditions proposed to be imposed on a confirmed designation.

Provision	Support/Oppose	Submission/Reasons	Decision Sought
Planning Map			
National Grid Transmission Lines	Support in part	Transpower supports the inclusion of the National Grid transmission lines on the Planning Map and notes that the mapping of the lines is a requirement of Policy 12 of the NPSET. That said, Transpower considers that users of the Proposed District Plan would be assisted by the clear identification of the voltage of each line so that the definition (and associated provisions) of 'National Grid Yard' and 'National Grid Subdivision Corridor' may be easily understood.	Amend the Planning Map notation for each National Grid transmission line to include reference to the voltage of that transmission line.
National Grid Yard	Support in part	Transpower generally supports the inclusion of the National Grid Yard on the Planning Map but notes that the mapping of the National Grid Yard may not be accurate. Transpower considers that the mapping may be inaccurate because, with reference to the defined 'National Grid Yard', the Yard is measured from both the outer edge of a support structure and also from the centre line of the transmission line. This would likely result in the outer extent of the Yard not following a straight line – instead it would 'bulge' when aligned with a support structure. Transpower seeks an amendment to the Planning Map or legend to ensure that plan users are not misled in respect of the accuracy of the mapping of the National Grid Yard.	Amend the Planning Map to accurately reflect the extent of the National Grid Yard; alternatively, amend the Planning Map legend to indicate that the extent of the National Grid Yard is set out in the definition of 'National Grid Yard'.
National Grid Subdivision Corridor	Oppose	Further to the relief sought elsewhere in Transpower's submission, Transpower seeks that the Planning Map is amended to also show the National Grid Subdivision Corridor that is relevant to the provisions, as amended by this submission, that apply to subdivisions in the vicinity of the National Grid.	Amend the Planning Map to also show the National Grid Subdivision Corridor.