

Appendix 2: Recommended amendments

Definitions	
IMPORTANT INFRASTRUCTURE	Those necessary facilities, services, and installations which are critical or of significance to either New Zealand, Canterbury, or Selwyn. This may include but are not limited to: f. <u>the National Grid Electricity transmission networks</u> ¹ ... t. <u>Rolleston Prison</u> . ²
MINOR UTILITY STRUCTURE	Any above ground box-like structure or enclosure associated with a network utility <u>or renewable electricity generation</u> , or that receives or transmits to or from any part of a network utility <u>or renewable electricity generation asset</u> and includes: ... ³
NATIONAL GRID SUBDIVISION CORRIDOR	The area measured: a. 14m either side of the centreline of <u>an above ground 66kV and 110kV a National Grid transmission lines on single poles</u> ; b. <u>16m either side of the centreline of an above ground 66kV National Grid transmission line on pi poles or triple poles</u> ; c. 32m either side of the centreline of an above ground 66kV National Grid transmission line on towers (and tubular steel monopoles where <u>these replace towers</u>); b-d. d. 37m either side of the centreline of <u>an above ground 220kV National Grid national grid transmission lines on towers</u> (and tubular steel monopoles where these replace towers); e. 39m either side of the centreline of <u>an above ground 350kV National Grid national grid transmission lines on towers</u> (and tubular steel monopoles where these replace towers). ⁴
NATIONAL GRID YARD	The area measured: a. 12m in any direction from the outer visible <u>edge of a foundation of a a National Grid support structure</u> ; and b. 12m either side of the centreline of <u>an above ground 220kV or 350kV National Grid transmission line overhead national grid line on pi poles and towers (and steel tubular monopoles where these replace towers)</u> ; and c. 10m either side of <u>the centreline of an above ground 66kV National Grid transmission line on single poles, pi poles, triple poles or towers an overhead national grid line on single poles</u> . ⁵

¹ 446-005 Transpower

² 300-001 Corrections

³ 441-019 Trustpower

⁴ 446-008 Transpower

⁵ 446-009 Transpower

RENEWABLE ELECTRICITY GENERATION ACTIVITIES	The construction, operation and maintenance, <u>and upgrading</u> of structures associated with renewable electricity generation. ... ⁶
RENEWABLE ELECTRICITY GENERATION INVESTIGATIONS	Monitoring and measuring equipment and activities for potential <u>or the upgrade of existing</u> renewable electricity generation activities.
EI-Overview	
EI-Overview	<p>....</p> <p>Accordingly, these activities are recognised through these specific provisions which <u>that</u> provide for their important function and service to the <u>nation, region and</u> community.</p> <p>Certain A activities must also comply with the rules managing <u>effects, including</u> reverse sensitivity effects in relation to <u>on</u> the National Grid and Significant Electricity Distribution Lines.</p> <p>...</p> <p>The Selwyn District contains the Coleridge Hydro Electric Power Scheme (Coleridge HEPS) which generates hydro-electricity for <u>transmission via the National Grid</u> use on the national electricity grid.⁷</p> <p>....</p> <p><u>Note:</u> <u>The Heritage New Zealand Pouhere Taonga Act 2014 applies, which makes it unlawful for any person to modify or destroy, or cause to be modified or destroyed, the whole or any part of an archaeological site without the prior authority of Heritage New Zealand. If you wish to do any work that may affect an archaeological site you must obtain an authority from Heritage New Zealand before you begin.</u> <u>This is the case regardless of whether the land on which the site is located is designated, or the activity is permitted under the District or Regional Plan or a resource or building consent has been granted. The Act provides for substantial penalties for unauthorised destruction or modification.</u></p>

⁶ 441-020 Trustpower

⁷ 446-022 Transpower

	<p>An archaeological site is defined in the Heritage New Zealand Pouhere Taonga Act 2014 as any place in New Zealand (including buildings, structures, or shipwrecks) that was associated with pre-1900 human activity, where there is evidence relating to the history of New Zealand that can be investigated using archaeological methods.</p> <p>As mentioned above, before undertaking any work that may affect an archaeological site you must obtain an authority from Heritage New Zealand.⁸</p>
EI-Objectives	
EI-01	<p>Important infrastructure is⁹:</p> <ol style="list-style-type: none"> 1. is¹⁰ efficient, effective, and resilient;¹¹ and 2. provides and distributes essential and secure services as part of local, regional, or national networks, including in emergencies; and 3. integrates <u>coordinates</u>¹² with urban development and land uses throughout the district; and 4. enables people and communities to provide for their wellbeing.
EI-03	The <u>safe and efficient</u> operation and security of important infrastructure is not compromised by other <u>incompatible</u> activities.
EI-04	An Optimise and increased renewable electricity generation outputs for national, regional, and local use while <u>mitigating managing</u> adverse effects on the environment and sensitive activities. ¹³
EI-05	To have greater small and community-scale renewable electricity generation, with generation surplus supplied to the national electricity distribution network. ¹⁴
EI-Policies	
EI-P1	<p>Recognise the benefits and national, regional, and local importance of important infrastructure by:</p> <p>...</p> <ol style="list-style-type: none"> 1. acknowledging that important infrastructure can have a functional need or operational need to locate in a particular area, including areas with high natural, visual amenity, or <u>cultural, or historic heritage</u> value¹⁵.

⁸ 269-004 Heritage NZ

⁹ 367-186 Orion and 371-022 CIAL

¹⁰ 367-186 Orion and 371-022 CIAL

¹¹ 371-022 CIAL

¹² 453-088 LPC

¹³ 441-031 Trustpower

¹⁴ 441-032 Trustpower

¹⁵ 367-194 Orion

EI-P2	<p>Minimise the adverse effects of important infrastructure, and renewable electricity generation on the physical and natural environment by:</p> <p>...</p> <p>3.limiting the presence and effects of development within Outstanding Natural Landscapes, Visual Amenity Landscapes, areas of significant indigenous vegetation and habitats of indigenous fauna, sites of historic heritage and site and areas of significance to Māori to those which:</p> <p>...</p> <p>b.can demonstrate an operational, <u>technical</u>¹⁶ or functional requirement for the location; and</p> <p>...</p> <p>5. considering biodiversity off-setting or compensation where the loss of significant indigenous vegetation cannot be restored and <u>or the effects on</u> significant habitats of indigenous fauna or wetlands cannot be fully mitigated where the adverse effects cannot be avoided, or remedied, or mitigated.¹⁷</p> <p>6. Using the substantial upgrade of important infrastructure and renewable electricity generation as an opportunity to reduce existing adverse effects <u>including on sensitive activities</u>.¹⁸</p>
EI-P3	Encourage the use of land transport corridors for the location of network utilities while maintaining the safe, and efficient <u>and effective</u> ¹⁹ operation of land transport infrastructure.
EI-P4	Manage the adverse effects from the construction and operation of important infrastructure, and renewable electricity generation including noise, and vibration, <u>including</u> by requiring compliance with standards and regulations. ²⁰
EI-P5	Avoid radio, electric, and magnetic <u>fields emissions</u> that do not meet the recognised standards or guidelines ²¹ .
EI-P6	Avoid incompatible activities that may affect the efficient operation, maintenance, repair, <u>replacement</u> ²² , upgrading, renewal, or development of important infrastructure and renewable electricity generation unless the activity is located:

¹⁶ 446-027 Transpower

¹⁷ 441-034 Trustpower

¹⁸ 446-027 Transpower

¹⁹ 375-023 Waka Kotahi

²⁰ 448-109 NZDF and 453-093 LPC

²¹ 446-030 Transpower

²² 367-196 Orion

	<p>...</p> <p>2. in a position that does not obstruct access to important infrastructure as required for <u>operation</u>²³, maintenance, <u>repair, replacement, upgrading, renewal, development</u>²⁴, or emergency purposes.</p>
EI-P9	<p>Provide for renewable electricity generation and renewable electricity generation activities across the District, while having particular regard to:</p> <p>1. The potential benefits of the proposed activity, particularly contributions to national energy objectives, or <u>renewable electricity generation targets, or climate change mitigation</u>;</p> <p>2. The technical and operational requirements of renewable electricity generation and renewable electricity generation activities;²⁵</p> <p>...</p>
EI-Rules	
Note for Plan Users	<p>...</p> <p>The Energy and Infrastructure chapter is designed to work in the following way:</p> <p>...</p> <p>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. <u>Except where there are direct cross-references, in all other circumstances this Chapter sets out all other provisions for energy or infrastructure activities.</u></p> <p>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 with when assessing an application for resource consent.</p> <p>4. ...</p> <p><u>Notwithstanding any other rules in the District Plan, the Resource Management (National Environmental Standards for Electricity Transmission Activities) Regulations 2009 apply to the operation, maintenance, upgrading, relocation or removal of National Grid transmission lines that were operating or able to be operated on, or prior to, 14 January 2010 and remain part of the National Grid. In this case of conflict with any other provision in the District Plan, the NESETA prevails.</u></p>

²³ 441-036 Trustpower

²⁴ 367-196 Orion

²⁵ 441-039 Trustpower

	...	
EI-R1	Activities in the National Grid Yard	
All Zones	<p>Activity Status: PER</p> <p>1. The establishment of a new, or expansion of an activity within a National Grid Yard.</p> <p>Where:</p> <ul style="list-style-type: none"> a. The activity does not involve the reticulation or storage of water in open channels, dams, or reservoirs; or b. The activity does not involve the storage and/or handling of hazardous substances with explosive or flammable intrinsic properties; or c. The activity does not involve mineral extraction. <p>And where the activity complies with the following rule requirements: EI-REQ1 Access</p>	<p>Activity status when compliance not achieved:</p> <p>2. When compliance with any of EI-R1.1 is not achieved: NC</p> <p>3. When compliance with any rule requirement is not achieved: Refer to relevant Rule Requirement.</p> <p>Notification:</p> <p>4. Any application arising from EI-R1.2 shall not be subject to public notification and shall be limited notified to the following parties: Transpower, unless their written approval is provided.</p>
EI-R2	Structures in the National Grid Yard	
All Zones	<p>Activity Status: PER</p> <p>1. The establishment of a new, or expansion of an existing structure within the National Grid Yard.</p> <p>Where:</p> <ul style="list-style-type: none"> a. The structure is not used for: <ul style="list-style-type: none"> i. habitation; ii. produce packing; iii. a milking shed (other than stock yards and ancillary platforms)²⁶; iv. a wintering barn; 	<p>Activity status when compliance not achieved:</p> <p>2. When compliance with any of EI-R2.1 is not achieved: NC</p> <p>3. When compliance with any rule requirement listed in this rule is not achieved: Refer to relevant Rule Requirement.</p> <p>Notification:</p> <p>4. Any application arising from EI-R2.2 shall not be subject to public notification and shall be limited</p>

²⁶ 446-036 Transpower

	<p>v. intensive primary production; or</p> <p>vi. commercial greenhouse.</p> <p>b. The expansion of the existing structure does not occur to a structure listed in EI-R2.1.a.</p> <p>And this activity complies with the following rule requirements:</p> <p>EI-REQ1 Access</p> <p>EI-REQ2 Fence <u>Structure</u> setback</p>	<p>notified to the following parties: Transpower, unless their written approval is provided.</p>
EI-R3	Sensitive Activities	
All Zones	<p>Activity Status: PER</p> <p>1. The establishment of a new, or expansion of an existing sensitive activity.</p> <p>Where:</p> <p>a. The activity is not within:</p> <ul style="list-style-type: none"> i. the National Grid Yard; <u>or and</u> ii. 10m from the centreline or foundation of a support structure of the Significant Electricity Distribution Line (Islington to Springston); <u>or and</u> iii. 5m from the centreline or foundation of a support structure of any other Significant Electricity Distribution Line; <u>or and</u> iv. 250m of any lawfully established noise generating infrastructure used for renewable electricity generation as set from the notional boundary of the sensitive activity. Except that this shall not apply to any small and community scale distributed electricity generation and small and community scale distributed electricity generation activity or any sensitive activity within Settlement Zone - Lake Coleridge Township. <p>And this activity complies with the following rule requirements:</p> <p>EI-REQ1 Access</p>	<p>...</p> <p>Notification:</p> <p>5. Any application arising from EI-R3 shall not be subject to public notification and shall be limited notified to the following parties: the network utility operator with responsibility for the infrastructure²⁷, unless their written approval is provided.</p>

²⁷ 446-037 Transpower

EI-R4	Structures near Significant Electricity Distribution Line	
All Zones	<p>Activity Status: PER</p> <p>1. The establishment of a new, or expansion of an existing fence.</p> <p>-</p> <p>Where:</p> <p>a. The fence's primary material consists of conductive qualities, the fence shall be setback a minimum of:</p> <p>i. 6m from the foundation of a support structure for any Significant Electricity Distribution Line greater than 51kV; or</p> <p>ii. 2.2m from the foundation of a support structure for any Significant Electricity Distribution Line between 1-50kV.</p>	<p>Activity status when compliance not achieved:</p> <p>2. When compliance with EI R4.1 is not achieved: NC</p> <p>-</p> <p>-</p> <p>Notification:</p> <p>3. Any application arising from EI R4.2 shall not be subject to public notification and shall be limited notified to the following parties: the network utility operator with responsibility for the Significant Electricity Distribution Line, unless their written approval is provided.²⁸</p>
EI-R6	Operation, Maintenance and Repair of Existing Network Utilities and Ancillary Vehicle Access Tracks	
All Zones	<p>Activity Status: PER</p> <p>1. The operation, maintenance and <u>or</u> repair²⁹ of existing above and below ground network utilities and ancillary vehicle access tracks.</p> <p>Where this activity complies with the following rule requirements:</p> <p>EI-REQ3 Notable Trees</p> <p>EI-REQ8 Historic Heritage</p>	<p>Activity status when compliance not achieved:</p> <p>2. When compliance with any rule requirement is not achieved: Refer to relevant Rule requirements.</p>
EI-R9	Temporary Network Utilities	
All Zones	<p>Activity Status: PER</p> <p>1. The establishment of a new, or expansion of an existing temporary network utility, excluding mobile electricity generation.</p> <p>Where:</p>	...

²⁸ 353-096 Hort NZ and 422-110 Fed Farmers

²⁹ 446-039 Transpower

	<p>The network utility:</p> <ul style="list-style-type: none"> a. operates for a maximum of 12 months; and b. is removed from the site when operation ceases. <p>And this activity complies with the following rule requirements:</p> <p>EI-REQ3 Notable Trees EI-REQ4 Vegetation Clearance EI-REQ5 Earthworks in Special Areas EI-REQ6 Radio <u>Fields Emissions</u> EI-REQ7 Electric and Magnetic <u>Fields Emissions</u> EI-REQ8 Historic Heritage EI-REQ9 Natural Character Setbacks EI-REQ10 Noise EI-REQ11 Light EI-REQ12 Structures in Special Areas EI-REQ15 Height³⁰ EI-REQ23 West Melton Aerodrome Height Restriction GRUZ-REQ16 Springfield Airfield Height Restriction NH-REQ5.1 Natural Hazards and Infrastructure</p>	
EI-R10	Below Ground Network Utilities Upgrading or Installation	
All Zones	<p>....</p> <p>EI-REQ6 Radio <u>Fields Emissions</u> EI-REQ7 Electric and Magnetic <u>Fields Emissions</u> ...</p>	...
EI-R11	Upgrading of Existing Above Ground Network Utilities	
All Zones	<p>Activity Status: PER</p> <p>1. Upgrading or expansion of existing above ground network utilities (excluding any access track extension), <u>except where provided for under Rule EI-R19³¹</u>.</p>	<p>Activity status when compliance not achieved:</p> <p>...</p>

³⁰ 101-009 Chorus and 367-206 Orion

³¹ 367-208 Orion

	<p>Where:</p> <ul style="list-style-type: none"> a. In specifying the activity in EI-R11.1.b. to EI-R11.1.j. below, the original height, width and scale of the network utility and the type of network utility shall be taken as the network utility existing at the date this rule has effect. b. Any realignment, relocation or replacement of a network utility pole, pipe, tower, structure, building, or minor utility structure is within 5m of the alignment or location of the original existing pole, tower, structure, building, or minor utility structure. c. A replacement pole, tower, or structure does not exceed the height of the original pole, tower, or structure by more than 30 percent, measured from the top of the foundation. d. The diameter or width of the replacement pole does not exceed twice that of the replaced pole at its widest point, and; where a single pole is replaced with a pi pole, the width of the pi pole structure³² must not exceed three times that of the replaced pole at its widest point. e. Additional conductors or lines do not increase the number of conductors or lines by more than 100 percent. f. The footprint of the structure or building does not increase by more than 30 percent of the existing building or structure, excluding any pole or pi <u>replacement pole structure</u>³³-provided for in d. above. g. The <u>largest</u>³⁴ face area of a replacement panel antenna or the diameter of a replacement dish antenna does not increase by more than 20 percent. h. There are no additional towers. i. A pole is not replaced with a tower. <p>And this activity complies with the following rule requirements: EI-REQ3 Notable Trees EI-REQ4 Vegetation Clearance</p>	
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³² 367-208 Orion

³³ 367-208 Orion

³⁴ 101-011 Chorus

	EI-REQ5 Earthworks in Special Areas EI-REQ6 Radio Fields Emissions EI-REQ7 Electric and Magnetic Fields Emissions EI-REQ8 Historic Heritage EI-REQ9 Natural Character Setbacks EI-REQ10 Noise EI-REQ11 Light EI-REQ12 Structures in Special Areas EI-REQ14 Reflectivity EI-REQ23 West Melton Aerodrome Height Restriction GRUZ-REQ16 Springfield Airfield Height Restriction	
EI-R12	Public Telecommunication Kiosks	
All Zones	.... EI-REQ6 Radio Emissions <u>Fields</u> EI-REQ7 Electric and Magnetic <u>Fields</u> Emissions ...	...
EI-R13	Small Cell Units	
All Zones	.... EI-REQ6 Radio Emissions <u>Fields</u> EI-REQ7 Electric and Magnetic <u>Fields</u> Emissions ...	...
EI-R14	Telecommunication Cabinets	
All Zones	.... EI-REQ6 Radio Emissions <u>Fields</u> EI-REQ7 Electric and Magnetic <u>Fields</u> Emissions ...	...
EI-R15	Electricity Cabinets and EV Charging Stations	
All Zones	Activity Status: PER 1. The establishment of a new, or expansion of an existing electricity cabinet, <u>electricity kiosk</u> , or electric vehicle charging station.	...

	<p>Where: The <u>electricity cabinet</u>, <u>electricity kiosk</u>,³⁵ or station does not exceed:</p> <ul style="list-style-type: none"> a. 2m in height; and b. 10m² in area. <p>And this activity complies with the following rule requirements: EI-REQ5 Earthworks in Special Areas EI-REQ7 Electric and Magnetic Fields Emissions EI-REQ12 Structures in Special Areas NH-REQ5.1 Natural Hazards and Infrastructure</p>	
EI-R16	Electricity Generators and Mobile Equipment to Supply Important Infrastructure	
All Zones	<p>Activity Status: PER</p> <p>1. The operation of any electricity generator and mobile equipment (including vehicles) to supply important infrastructure.</p> <p>Where:</p> <ul style="list-style-type: none"> a. The equipment is: <ul style="list-style-type: none"> i. being tested and maintained for a period not exceeding 48 hours in duration, <u>or for longer than 48 hours where that use complies with the noise limits at all times relevant to the underlying zone</u>,³⁶ or ii. to provide back-up electricity during routine or scheduled maintenance for a period not exceeding 48 hours; or iii. for emergency purposes only (not the primary electricity supply) and operates for a maximum of 12 months. 	...
EI-R17	Telecommunication Poles and Attached Antennas	

³⁵ 367-209 Orion

³⁶ 367-210 Orion

All Zones	<p>....</p> <p>EI-REQ6 Radio Emissions <u>Fields</u></p> <p>EI-REQ7 Electric and Magnetic <u>Fields</u> Emissions</p> <p>...</p> <p>EI-REQ13 Height in Relation to Boundary³⁷</p> <p>...</p>	...
EI-R18	Building Attached Antennas	
All Zones	<p>Activity Status: PER</p> <p>1. The attachment of an antenna to a building, where the activity is not regulated by the NESTF.</p> <p>Where:</p> <ul style="list-style-type: none"> a. The face area (<u>largest face</u>) of a panel antenna does not exceed 1.5m²; and b. A dish antenna does not exceed a diameter of 1.2m; and c. The antenna does not exceed a height of 4m <u>for residential zones and 5m for all other zones</u>³⁸, above the point of attachment to the building. <p>And this activity complies with the following rule requirements:</p> <p>EI-REQ6 Radio Emissions <u>Fields</u></p> <p>EI-REQ7 Electric and Magnetic <u>Fields</u> Emissions</p> <p>EI-REQ8 Historic Heritage</p> <p>EI-REQ12 Structures in Special Areas</p> <p>EI-REQ14 Reflectivity</p> <p>EI-REQ23 West Melton Aerodrome Height Restriction</p> <p>GRUZ-REQ16 Springfield Airfield Height Restriction</p>	...
EI-R19	Overhead Telecommunication Lines, Electricity Distribution Lines, and Associated Support Structures and Equipment	
RESZ NCZ	<p>1.</p> <p>...</p>	...

³⁷ 101-014 Chorus

³⁸ 101-015 Chorus

LCZ Special Purpose Zones – excluding PORTZ	EI-REQ6 Radio Emissions <u>Fields</u> EI-REQ7 Electric and Magnetic <u>Fields</u> Emissions ...	
GRUZ TCZ GIZ LFRZ PORTZ EI-R20	5. ... EI-REQ6 Radio Emissions <u>Fields</u> EI-REQ7 Electric and Magnetic <u>Fields</u> Emissions...	...
EI-R20	Electricity Transmission Lines and Associated Support Structures and Equipment	
All Zones	Activity Status: DIS 1. The establishment of a new, or expansion of an existing electricity transmission line, or their <u>and its</u> associated support structure or equipment ³⁹.	...
EI-R21	Substations and Switching Stations	
All Zones	Activity Status: PER 1. The establishment of a new, or expansion of any existing substation or switching station. Where: a. The activity <u>substation or switching station building footprint</u> ⁴⁰ does not exceed an area of: ...	...

³⁹ 446-044 Transpower

⁴⁰ 367-213 Orion

	<p>And this activity complies with the following rule requirements:</p> <p>...</p> <p>EI-REQ7 Electric and Magnetic <u>Fields Emissions</u></p> <p>...</p>	
EI-R26	Artificial <u>Watercourse</u> Waterways and Associated Structures	
All Zones	<p>Activity Status: PER</p> <p>1. The establishment of a new, or the expansion, maintenance, or repair of an existing artificial waterway <u>watercourse</u> or associated structure (including outfall structures, water storage, conveyance of water for stock or irrigation, and land drainage purposes) by a network utility operator.⁴¹</p> <p>...</p>	...
EI-R27	Other Network Utility Structure	
All Zones	<p>1.</p> <p>...</p> <p>EI-REQ6 Radio <u>Emissions Fields</u></p> <p>EI-REQ7 Electric and Magnetic <u>Fields Emissions</u></p> <p>...</p>	...
EI-29	Renewable Electricity Generation – Coleridge HEPS	
All Zones	<p>Activity status: PER</p> <p>1. Renewable electricity generation or electricity generation activities at Coleridge HEPS including any new building or addition, operation, maintenance, refurbishment, enhancement, or upgrading to an existing building <u>or associated structures; and -</u></p>	...

⁴¹ 353-095 Hort NZ and 422-112 Fed Farmers

	<p><u>2. Environmental monitoring equipment or structures.</u></p> <p>Where:</p> <p>a. The activity is:</p> <ul style="list-style-type: none"> i. less than 50m² in area or the existing a-floor area or no more than 20% larger is not increased by more than 25%; and ii. less than 8 metres in height is no greater than the existing height of the structure; and iii. if incorporating any new noise generating infrastructure is setback at least 250m from the notional boundary of any lawfully established sensitive activity located in the General Rural Zone. <p>And this activity complies with the following rule requirements: <u>EI-REQ3 Works to and around Notable Trees</u>⁴² EI-REQ5 Earthworks in Special Areas EI-REQ10 Noise EI-REQ12 Structures in Special Areas</p>	
EI-R30	Small and Community-Scale Electricity Generation, and Small and Community-Scale Electricity Generation Activities	
All Zones (excluding DPZ) ⁴³	<p>...</p> <p>EI-REQ7 Electric and Magnetic <u>Fields</u> Emissions</p> <p>...</p>	...
EI-R31	Other Renewable Electricity Generation and Renewable Electricity Generation Activities	

⁴² 441-043 Trustpower and 441-046 Trustpower

⁴³ 370-029 Fonterra and 420-004 Synlait

All Zones (excluding DPZ) ⁴⁴	...	...
EI-Rule Requirements		
EI-REQ1	Access to a National Grid Support Structure	
All Zones	1. Any activity, structures or earthworks undertaken within the National Grid Yard shall not result in vehicular access to a National Grid support structure being permanently obstructed. ⁴⁵	...
EI-REQ2	Structure Fence Separation to National Grid Support Structure	
All Zones	1. Any fence consisting of conductive materials shall be setback a minimum of 6m from a National Grid support structure. 1. <u>Any structure in the National Grid Yard must be located at least 12 metres from the outer visible edge of a foundation of a National Grid transmission support structure, except where it:</u> <ol style="list-style-type: none"> <u>is a fence consisting of non-conductive materials;</u> <u>is a fence consisting of conductive materials located at least 5m⁴⁶ from a National Grid transmission support structure; or</u> <u>is an artificial crop protection structure or crop support structure not exceeding 2.5 metres in height and located at least 8 metres from a National Grid transmission support structure that:</u> <ol style="list-style-type: none"> <u>is removable or temporary to allow a clear working space of 12 metres from the support structure for maintenance; and</u> <u>allows all weather access to the support structure and a sufficient area for maintenance equipment, including a crane.</u>⁴⁷ 	...
EI-REQ3	Works to and around Notable Trees	
All Zones	1. Any work to or within 5m of a tree listed in TREE SCH 2 is required for:	...

⁴⁴ 370-029 Fonterra

⁴⁵ 353-097 Hort NZ and 422-113 Fed Farmers

⁴⁶ 353-099 Hort NZ and 422-114 Fed Farmers

⁴⁷ 446-049 Transpower, 353-099 Hort NZ, 422-144 Fed Farmers

	<p>a. the operation, maintenance, or repair of an existing network utility <u>or renewable electricity generation activity</u>; ⁴⁸ or</p> <p>b. is required under and is carried out in accordance with clause 14 of the Electricity (Hazards from Trees) Regulations 2003.</p>	
EI-REQ8	Historic Heritage	
All Zones	<p>1. Any works All activities that involves a heritage item or within the setting of a heritage item listed in HH-SCHED2 is limited to earthworks for a customer connection, or repairs and maintenance and is are limited to: :</p> <p><u>a. ... Earthworks for a customer connection, or repairs and maintenance of an existing customer connection;</u></p> <p>b. Replacement or mending in-situ decayed or damaged heritage fabric, using materials which resemble the form, appearance, and profile of the heritage fabric as closely as possible; and</p> <p>c. Repainting of existing painted surfaces; and</p> <p><u>d.</u> Cleaning or washing of the exterior of a heritage item provided this does not involve the use of abrasive materials or techniques, such as sandblasting;</p> <p><u>e.</u> The use of any temporary scaffolding <u>that</u>:</p> <p>a. is not fixed to the heritage item; and</p> <p>b. would be used in a way that would cause damage to the heritage item. ⁴⁹</p>	...
EI-REQ16	Site and Zone Boundary Setbacks	
All Zones	<p>1. Any structure shall be setback a minimum of:</p> <p>a. 10m from the boundary of any strategic road <u>State Highway or Arterial Road</u> ⁵⁰; and</p> <p>...</p>	...

⁴⁸ 441-046 Trustpower

⁴⁹ 367-191 Orion and 446055 Transpower

⁵⁰ 454-009 CPW

EI-REQ17	Telecommunication Pole and Antenna Height	
All Zones	1. The combined height of the telecommunications pole and any attached antenna complies with EI-Table 1, <u>with the exception of any lighting rod.</u> ⁵¹	...
EI-MAT1	General Matter	
All Zones	1. The functional <u>and operational</u> ⁵² needs of, and benefits derived from the important infrastructure. ...	...
EI-MAT4	Subdivision and Energy and Infrastructure	
	<ol style="list-style-type: none"> 1. The nature of the consent notice or other mechanism proposed to ensure that sensitive activities are established at a distance or in a position that does not adversely affect the existing electricity lines 2. The degree to which the subdivision design, including the location of roads and reserves, recognises and provides for <u>the ongoing efficient operation, maintenance, development and upgrade of existing electricity transmission lines and electricity distribution lines, including the ability for continued so that reasonable access to the lines is maintained for maintenance, inspection and upgrading.</u> 3. <u>The extent to which potential adverse effects (including visual and reverse sensitivity effects) are mitigated through the location of building platforms.</u> 4. <u>The nature and location of any proposed vegetation to be planted in the vicinity of the electricity transmission line or electricity distribution line.</u> 5. <u>The outcome of any consultation with the owner of the electricity transmission line or electricity distribution line.</u>⁵³ 	...

⁵¹ 101-024 Chorus

⁵² 441-059 Trustpower

⁵³ 446 Transpower

The following spatial amendments are recommended to PDP Planning Maps:

Map Layer	Description of recommended amendment	Link
Planning Maps	Amend the planning maps to reflect the correct GIS data set for Significant Electricity Distribution Lines -	https://selwyndc.maps.arcgis.com/apps/webappviewer/index.html?id=ffab1fecb0d34b618482af2b40a8876f
Planning Maps	Amend the planning map notation of each National Grid transmission line to include reference to the voltage of that transmission line based on data to be provided by Transpower.	