Key:

Recommend changes to notified chapter are shown in underlined text for additions and ~~strike through text~~ for deletions. Dated 19 August 2016.

30 Energy and Utilities

30.1 Purpose

Energy and Utilities are of strategic importance and require a coordinated approach in relation to the development of energy resources, the generation of electricity and the provision of essential infrastructure throughout the District.

30.1.1 Energy

Energy resources play a key role in the socio-economic wellbeing and growth of the District. Local energy needs may change over time and are dependent on the scale of demand, as well as measures to reduce demand through energy efficiency, conservation and small scale renewable generation.

In the future, there may be a need for new generation sources to meet demand. Electricity generation by renewable energy sources is desired over non-renewable sources and this is reinforced in the National Policy Statement on Renewable Electricity Generation 2011. The generation of electricity from non-renewable sources is generally discouraged. However, standby generation may be necessary for essential public, civic, community and health functions, or in areas not connected to the electricity distribution network.

Energy efficiency and conservation go hand in hand with renewable energy. Conserving the use of energy together with the generation of renewable energy will be vital in responding to the challenges of providing enough energy to meet future energy needs and reducing greenhouse gas emissions. Small and community scale generation is encouraged and advantages of solar energy within the District are recognised. The benefits of solar energy may be realised through site design methods which promote solar efficient design, in addition to the inclusion of solar photovoltaic panels and solar hot water heating systems within buildings. Sustainable building forms which reduce energy demand and minimise heating costs are encouraged, including use of the Homestar™ rating system for residential buildings and Green Star tool for commercial buildings.

30.1.2 Utilities

Utilities are essential to the servicing and functioning of the District. Utilities have the purpose to provide a service to the public and are typically provided by a network utility operator.

Due to the importance of utilities in providing essential services to the community, their often high capital cost to establish, and their long life expectancy; the need for the establishment and on-going functioning, maintenance and upgrading of utilities is recognised. In addition, some utilities have specific locational needs that need to be accommodated for their operation. The co-location of utilities may achieve efficiencies in design and operation, reduce capital investment costs and also minimise amenity and environmental effects. The ability to co-locate compatible uses should be considered for all utility proposals.

It is recognised while utilities can have national, regional and local benefits, they can also have adverse effects on surrounding land uses, some of which have been established long before the network utility. The sustainable management of natural and physical resources requires a balance between the effects of different land uses. However, it is also necessary that essential utilities are protected, where possible, from further encroachment by incompatible activities which may be subject to reverse sensitivity effects. This chapter therefore also addresses requirements for sensitive uses and habitable buildings located near to utilities.

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30.2 Objectives and Policies

Energy

30.2.1 Objective - The benefits of the District's renewable and non-renewable energy resources and the electricity generation facilities that utilise such resources are recognised as locally, regionally and nationally important in the sustainable management of the District's resources.

Policies

30.2.1.1 Recognise the national, regional and local benefits of the District's renewable and non-renewable electricity generation activities.

30.2.1.2 Enable the operation, maintenance, repowering, upgrade of existing non-renewable electricity generation activities and development of new ones where adverse effects can be avoided, remedied or mitigated.

30.2.2 Objective - Recognise that the use and development of renewable energy resources have the following benefits:

- **Maintain or enhance electricity generation capacity while avoiding, reducing or displacing greenhouse gas emissions**
- **Maintain or enhance the security of electricity supply at local, regional and national levels by diversifying the type and/or location of electricity generation**
- **Assist in meeting international climate change obligations**
- **Reduce reliance on imported fuels for the purpose of generating electricity**
- **Help with community resilience through development of local energy resources and networks.**

Policies

30.2.2.1 Enable the development, operation, maintenance, repowering and upgrading of new and existing renewable electricity generation activities, (including small and community scale), in a manner that:

- Recognises the need to locate renewable electricity generation activities where the renewable electricity resources are available
- Recognises logistical and technical practicalities associated with renewable electricity generation activities
- Provides for research and exploratory-scale investigations into existing and emerging renewable electricity generation technologies and methods.

30.2.2.2 Enable new technologies using renewable energy resources to be investigated and established in the district.

30.2.3 Objective - Energy resources are developed and electricity is generated, in a manner that minimises adverse effects on the environment.

Policies

30.2.3.1 Promote the incorporation of Small and Community-Scale Distributed Electricity Generation structures and associated buildings (whether temporary or permanent) as a means to improve efficiency and reduce energy demands.

30.2.3.2 Ensure the visual effects of Wind Electricity Generation do not exceed the capacity of an area to absorb change or significantly detract from landscape and visual amenity values.

30.2.3.3 Promote Biomass Electricity Generation in proximity to available fuel sources that minimise external effects on the surrounding road network and the amenity values of neighbours.

30.2.3.4 Assess the effects of Renewable Electricity Generation proposals, other than Small and Community Scale, ~~on a case-by-case basis~~, with regards to:

- landscape values and areas ~~with~~ of significant indigenous flora or significant habitat for indigenous fauna
- recreation and cultural values, including relationships with tangata whenua
- amenity values
- The extent of public benefit and outcomes of location specific cost-benefit analysis.

30.2.3.5 Existing energy facilities, associated infrastructure and undeveloped energy resources are protected from incompatible subdivision, land use and development.

30.2.3.6 To compensate for adverse effects, consideration shall be given to any offset measures (including biodiversity offsets) and/or environmental compensation including those which benefit the local environment and community affected.

30.2.3.7 Consider non-renewable energy resources including standby power generation and Stand Alone Power systems where adverse effects can be mitigated.

30.2.4 Objective - Site layout and building design takes into consideration energy efficiency and conservation.

Policies

30.2.4.1 Encourage energy efficiency and conservation practices, including use of energy efficient materials and renewable energy in development.

30.2.4.2 Encourage subdivision and development to be designed so that buildings can utilise energy efficiency and conservation measures, including by orientation to the sun and through other natural elements, to assist in reducing energy consumption.

30.2.4.3 Encourage Small and Community-Scale Distributed Electricity Generation and Solar Water Heating structures within new or altered buildings.

30.2.4.4 Encourage building design which achieves a Homestar™ certification rating of 6 or more for residential buildings, or a Green Star rating of at least 4 stars for commercial buildings.

30.2.4.5 Transport networks should be designed so that the number, length and need for vehicle trips is minimised, and reliance on private motor vehicles is reduced, to assist in reducing energy consumption.

30.2.4.6 Control the location of buildings and outdoor living areas to reduce impediments to access to sunlight.

Utilities

30.2.5 Objective - ~~Co-ordinate the provision of utilities as necessary to support t~~ The growth and development of the District is supported by utilities that are able to operate effectively and efficiently.

Commented [CB1]: Submitter 373

Commented [CB2]: Submitter 373

Commented [CB3]: Submitter 781

Policies

30.2.5.1 ~~Essential u~~Utilities are provided to service new development prior to buildings being occupied~~, and activities commencing~~.

30.2.5.2 Ensure the efficient management of solid waste by:

- encouraging methods of waste minimisation and reduction such as re-use and recycling
- providing landfill sites with the capacity to cater for the present and future disposal of solid waste
- assessing trends in solid waste
- identifying solid waste sites for future needs
- consideration of technologies or methods to improve operational efficiency and sustainability (including the potential use of landfill gas as an energy source)
- providing for the appropriate re-use of decommissioned landfill sites.

30.2.5.3 Recognise the future needs of utilities and ensure their provision in conjunction with the provider.

30.2.5.4 ~~Assess the priorities for servicing established urban areas, which are developed but are not reticulated.~~

Recognise the positive social, economic, cultural and environmental benefits that utilities provide, including:

a. enabling enhancement of the quality of life and standard of living for people and communities

b. providing for public health and safety

c. enabling the functioning of businesses

d. enabling economic growth

e. enabling growth and development

f. protecting and enhancing the environment

g. enabling the transportation of freight, goods, people

h. enabling interaction and communication

30.2.5.5 Ensure reticulation of those areas identified for urban expansion or redevelopment is achievable, and that a reticulation system be implemented prior to subdivision.

30.2.5.6 Encourage low impact design techniques which may reduce demands on local utilities.

30.2.6 Objective - The wellbeing of the community is supported by the establishment, ~~efficient use~~, continued operation and maintenance of utilities ~~necessary for the well-being of the community~~.

Policies

30.2.6.1 Recognise the need for maintenance or upgrading of ~~a~~ utilities ~~y~~ including regionally significant infrastructure to ensure its on-going viability and efficiency.

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Commented [CB5]: Submitters 179.15, 191.13, 421.12, 781.14

Commented [CB6]: Submitter 781

Commented [CB7]: 781, 805

Commented [CB8]: Submitter 805

30.2.6.2 ~~Consider long term options and economic costs and strategic needs when considering alternative locations, sites or methods for the establishment or alteration of a utility.~~

When considering the effects of proposed utility developments with adverse environmental effects, consideration shall be given to ~~the consideration of~~ alternatives, but also to how adverse effects have been managed through the route, site and method selection process while taking into account the locational, technical and operational requirements of the utility and the benefits associated with the utility.

Commented [CB9]: Submitter 805.

30.2.6.3 Encourage the co-location of facilities where operationally and technically feasible.

30.2.6.4 Provide for the sustainable, secure and efficient use and development of the electricity transmission network, including within the transmission line corridor, and to protect activities from the adverse effects of the electricity transmission network, including by:

- Controlling the proximity of buildings, structures and vegetation to existing transmission corridors, including buffer distances for managing subdivision and land use development near the National grid.

Commented [CB10]: Submitter 805.

- Discouraging sensitive activities from locating within or near to the electricity transmission National Grid Yard to minimise potential reverse sensitivity effects on the transmission network
- Managing subdivision within or near to electricity transmission corridors to achieve the outcomes of this policy to facilitate good amenity and urban design outcomes
- Not compromising the operation or maintenance options or, to the extent practicable, the carrying out of routine and planned upgrade works.

30.2.6.5 Recognise the presence and function of established network utilities, and their locational and operational requirements, by managing land use, development and/or subdivision in locations which could compromise their safe and efficient operation.

30.2.6.6 Manage adverse effects, including reverse sensitivity effects that could compromise the development, operation, upgrading and maintenance of the identified electricity sub-transmission lines, through the management of activities within an identified buffer corridor.

Commented [CB11]: Submitter 635

30.2.7 Objective - ~~Avoid, remedy or mitigate t~~ The adverse effects of utilities on surrounding environments, particularly those in or on land of high landscape value, and within special character areas are avoided, remedied or mitigated.

Commented [CB12]: Grammatical change to conform to the Panel's 4th procedural minute.

Policies

30.2.7.1 Reduce adverse effects associated with utilities by:

- Avoiding, remedying or mitigating their location on ~~sensitive sites including heritage and~~ identified sensitive environments ~~special character areas~~, and protecting Outstanding Natural Landscapes and Outstanding Natural Features, and skylines and ridgelines from inappropriate development.

Commented [CB13]: Submitter 519, 251, FS1186, 179.15, 191.13, 421.12, 781.14

- Managing adverse effects on the amenity values of urban areas and the Rural Landscapes.

Commented [CB14]: Submitters 179.15, 191.13, 421.12, 781.14

- Encouraging co-location or multiple use of network utilities where this is efficient and practicable in order to avoid, remedy or mitigate adverse effects on the environment
- Ensuring that redundant utilities are removed
- Using landscaping and or colours and finishes to reduce visual effects
- Integrating utilities with the surrounding environment; whether that is a rural environment or existing built form.

30.2.7.2 Require the undergrounding of services in new areas of development where technically feasible.

30.2.7.3 Encourage the replacement of existing overhead services with underground reticulation or the upgrading of existing overhead services where technically feasible.

30.2.7.4 Take account of economic and operational needs in assessing the location and external appearance of utilities.

30.3 Other Provisions and Rules

30.3.1 ~~District Wide~~

~~Attention is drawn to the following District Wide Rules. If the District Wide Rules are not met, then consent will be required in respect of that matter.~~

~~All provisions referred to are within Stage 1 of the Proposed District Plan, unless marked as O operative District Plan (ODP).~~

Commented [CB15]: Non substantive grammatical change for clarity.

~~1 Introduction~~	~~2 Definitions~~	~~3 Strategic Direction~~
~~4 Urban Development~~	~~5 Tangata Whenua~~	~~6 Landscapes~~
~~24 Signs (18 Operative DP)~~	~~25 Earthworks (22 Operative DP)~~	~~26 Historic Heritage~~
~~27 Subdivision~~	~~28 Natural Hazards~~	~~29 Transport (14 Operative DP)~~
~~30 Utilities and Renewable Energy~~	~~31 Hazardous Substances (16 Operative DP)~~	~~32 Protected Trees~~
~~33 Indigenous Vegetation~~	~~34 Wilding Exotic Trees~~	~~35 Temporary Activities and Relocated Buildings~~
~~36 Noise~~	~~37 Designations~~	~~Planning Maps~~

Commented [CB16]: Non substantive grammatical change for clarity.

30.3.2 National

30.3.2.1 Resource Management (National Environmental Standard for Electricity Transmission Activities) Regulations 2009:

Notwithstanding any other rules in the District Plan, the National Grid existing as at 14 January 2010 is covered by the Resource Management (National Environmental Standard for Electricity Transmission Activities) Regulations 2009 (NESETA) and must comply with the NESETA.

The provisions of the NESETA prevail over the provisions of this District Plan ~~Chapter~~, to the extent of any inconsistency. No other rules in the District Plan that duplicate or conflict with the Standard shall apply.

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30.3.2.2 Resource Management (National Environmental Standards for Telecommunications Facilities "NESTF") Regulations 2008:

The Resource Management (National Environmental Standards for Telecommunications Facilities "NESTF") Regulations 2008 provide for:

- The planning and operation of a telecommunication facility such as a mobile phone transmitter, that generates radio frequency fields as a permitted activity, provided it complies with the New Zealand Standard on Radiofrequency Fields Part 1: Maximum Exposure Levels 3kHz to 300 GHz (NZS 2772.1:1999).

- The installation of telecommunications equipment cabinets in the road reserve as a permitted activity, subject to specified limitations on their size and location.
- Noise from telecommunications equipment cabinets located in the road reserve as a permitted activity, subject to the specified noise limits.
- The installation or replacement of masts and antennae on existing structures in the road reserve as a permitted activity, subject to specified limitations on height and size.

The provisions of the NESTF prevail over the provisions of this District Plan ~~Chapter~~, to the extent of any inconsistency. No other rules in the District Plan that duplicate or conflict with the Standard shall apply.

Commented [CB18]: Submitter 805

30.3.2.3 New Zealand Electrical Code of Practice for Electrical Safe Distances

Compliance with the New Zealand Electrical Code of Practice for Electrical Safe Distances ("NZECP 34:2001") is mandatory under the Electricity Act 1992. All activities regulated by the NZECP 34, including any activities that are otherwise permitted by the District Plan must comply with this legislation.

Advice Note:

Compliance with this District Plan does not ensure compliance with NZECP 34.

Commented [CB19]: Submitter 805

30.3.2.3 Advice Note: Electricity (Hazards from Trees) Regulations 2003

Commented [CB20]: Submitters 805, FS1121

Vegetation to be planted around electricity networks should be selected and/or managed to ensure that it will not result in that vegetation breaching the Electricity (Hazards from Trees) Regulations 2003.

30.3.3 Clarification

30.3.3.1 ~~A permitted activity must comply with all the rules listed in the activity and standards tables, and any relevant district wide rules.~~

30.3.3.2 Where an activity does not comply with a Standard listed in the Standards table, the activity status identified by the Non-Compliance Status column shall apply. Where an activity breaches more than one Standard, the most restrictive status shall apply to the Activity.

30.3.3.3 The rules contained in this Chapter take precedence over any other rules that may apply to energy and utilities in the District Plan, unless specifically stated to the contrary and with the exception of:

a. 26 Historic Heritage

b. Hazardous Substances (~~16 ODP~~ Operative)

Commented [CB21]: Clarification, non-substantive change.

c. Earthworks (22 Operative)

Commented [CB22]: Submitter 251, 179, 191, 421, 781

30.3.3.4 ~~If District Wide Rules are not met, then consent will be required in respect of that matter.~~

30.3.3.5 Utilities can also be provided as designations if the utility operator is a requiring authority. Refer to Chapter 37 – Designations of the Plan for conditions and descriptions of designated sites.

Commented [CB23]: Clarification, non-substantive change.

30.3.3.6 The following abbreviations are used in the tables.

P	Permitted	C	Controlled
RD	Restricted Discretionary	D	Discretionary

NC	Non Complying	PR	Prohibited

30.4 Rules - Activities

	Activities for Energy and Utilities	Activity Status
Rules for Energy Activities		
30.4.1	**Energy Activities which are not listed in this table**	NC
30.4.2	**Small and Community-Scale Distributed Electricity Generation and Solar Water Heating** with a rated capacity of less than ~~3.5~~ 5 kW (including any structures and associated buildings but excluding Wind Electricity Generation), and not located in any of the sensitive environments identified by Rule 30.4.3.	P
30.4.3	**Small and Community-Scale Distributed Electricity Generation and Solar Water Heating** (including any structures, associated buildings) • ~~With~~ has a rated capacity of more than ~~3.~~5kW /OR is located in any of the following sensitive environments: • Arrowtown Residential Historic Management Zone • Town Centre Special Character Area • Open Space Zones • Any open space and landscape buffer areas identified on any of the Special Zones • Significant Natural Areas • Outstanding Natural Landscapes • Outstanding Natural Features • Heritage, Features and Landscapes • Rural Zones, Rural Residential Zone, Rural Lifestyle Zone, Gibbston Character Zone (if ~~detached from or separate to~~ outside a building platform).	D
30.4.4	**Renewable Electricity Generation Activities**, limited to masts, drilling and water monitoring for the purpose of research and exploratory-scale investigations that are ~~of a~~ temporary ~~nature~~. Excludes the Hydro Generation Zone. Discretion is restricted to all of the following: • The duration of works and the research purpose • The location of investigation activities and facilities, including proximity to, and effects on, sensitive uses and environments • The height and scale of facilities and potential visual effects	RD

Commented [CB24]: Submitter 126

Commented [CB25]: Clarification

Commented [CB26]: Submitter 580

Commented [CB27]: Clarification

Commented [CB28]: Submitter 580

ENERGY AND UTILITIES 30

	Activities for Energy and Utilities	Activity Status
	• Environmental effects • Where a site is subject to any natural hazard ~~and the proposal results in an increase in gross floor area:~~ an assessment by a suitably qualified person is provided that addresses the nature and degree of risk the hazard(s) pose to the resilience and operation of the facility and associated buildings~~people and property,~~ whether the proposal will alter the risk to any site, and the extent to which such risk can be avoided or sufficiently mitigated[1].	
30.4.5	**Renewable Electricity Generation Activities**, other than Small and Community-Scale Distributed Electricity Generation, and including any new or additional building housing plant and electrical equipment.	D
30.4.6	**Non-renewable Electricity Generation** where the generation only supplies activities on the site on which it is located and involves either: • Standby generators associated with community, health care, and utility activities; or • Generators that are part of a Stand-Alone Power System on remote sites that do not have connection to the local distributed electricity network. Note – Diesel Generators must comply with the provisions of Chapter 36 (Noise) and Hazardous Substances (Chapter 16 Operative ~~ODP~~)	P
30.4.7	**Non-renewable Electricity Generation not otherwise identified.**	NC
Rules for Utilities; ~~and~~ Buildings, Structures and Earthworks ~~within or near to the National Grid Corridor~~ ~~Note - The rules differentiate between four types of activities: lines and support structures; masts and antennae; utility buildings; and flood protection works & waste management facilities.~~		
30.4.8	**Utilities, Buildings, Structures and Earthworks which are not otherwise listed in this table**	D
30.4.9	**Minor Upgrading**	P
30.4.10	**Buildings and structures (that are not for National Grid Sensitive Activities)~~, Structures~~ and Earthworks within National Grid Corridors and Electricity Sub-Transmission lines** (subject to compliance with Rules 30.5.9, 30.5.10 and 30.5.11)	P
30.4.11	**Lines and Supporting Structures** ~~A conductor line , or support structures for overhead lines,~~ Subject to Rules 30.4.9 and 30.4.12, new lines ~~and~~ with associated new above ground support structures, including masts, poles or ancillary equipment, but excluding lattice towers, to convey electricity (at a voltage of equal to or less than 110kV at a capacity of equal to or less than	C

Commented [CB29]: Submitter 383

Commented [CB30]: Clarification

Commented [CB31]: Submitters 179, 191, 421, 781

Commented [CB32]: Submitters 383, 836

Commented [CB33]: Submitter 635

Commented [CB34]: Submitters 383, 836 and 635

Commented [CB35]: Submitters 179.15, 191.13, 421.12, 781.14

[1] Policies that guide the assessment of proposals on land affected by natural hazards are located in Chapter 28.

	Activities for Energy and Utilities	Activity Status
	100MVA); or overhead lines for any other purpose including telecommunications. Control is reserved to all of the following: • ~~Location~~ • The adverse effects of the route • ~~Height~~ • Appearance, scale and visual effects • The benefits of the lines to the community and the applicant • Where a site is subject to any natural hazard ~~and the proposal results in an increase in gross floor area:~~ an assessment by a suitably qualified person is provided that addresses the nature and degree of risk the hazard(s) pose to the resilience and operation of the facility and associated buildings~~people and property,~~ whether the proposal will alter the risk to any site, and the extent to which such risk can be avoided or sufficiently mitigated[1].	
30.4.12	**Lines and Supporting Structures** Subject to Rule 30.4.9, new lines and with associated new above ground support structures, including masts, poles or ancillary equipment, but excluding lattice towers, to convey electricity (at a voltage of equal to or less than 110kV at a capacity of equal to or less than 100MVA); or overhead lines for any other purpose including telecommunications ~~Any line or support structure~~ where it involves: ~~30.4.12.1 Erecting any lattice towers for overhead lines to convey electricity in all zones.~~ 30.4.12.2 Erecting any lines, lattice towers or support structures for new overhead lines to convey electricity (at a voltage of more than 110kV with a capacity over 100MVA) in all zones. 30.4.12.3 Erecting any support structures for overhead lines to convey electricity (at a voltage of equal to or less than 110kV at a capacity of equal to or less than 100MVA); or overhead lines for any other purposes including telecommunications in any Outstanding Natural Feature or Outstanding Natural Landscape or Significant Natural Areas. ~~30.4.12.4 Utilising any existing support structures for the erection of cable television aerials and connections.~~ 30.4.12.5 Erecting any support structures for overhead lines for any purpose in the area in Frankton known as the "Shotover Business Park", except where any new poles are solely for the purpose of providing street lighting.	D

Commented [CB36]: Submission 383

Commented [CB37]: Submitters 179.15, 191.13, 421.12, 781.14

Commented [CB38]: Submitters 179.15, 191.13, 421.12, 781.14

	Activities for Energy and Utilities	Activity Status
~~30.4.13~~	~~**Telecommunications or radio communication, navigation or meteorological communication facilities**:~~ ~~With a maximum height no greater than:~~ ~~12m in the Queenstown Business Mixed Use zone;~~ ~~15m in the High Density Residential Queenstown – Flat, Queenstown Town Centre, Wanaka Town Centre (Wanaka Height Precinct) or Airport Mixed Use zones;~~ ~~10m in the Local Shopping Centre, Wanaka Business Mixed Use or Jacks Point zones; and~~ ~~8m in any other zone.~~	~~P~~
30.4.14	**Telecommunications or radio communication, navigation or meteorological communication ~~facilities~~ masts**: With a maximum height no greater than: 8m in any identified Outstanding Natural Landscape or Feature; 15m in the Queenstown Business Mixed Use zone and Rural Zone; 18m in the High Density Residential Queenstown – Flat, Queenstown Town Centre, Wanaka Town Centre (Wanaka Height Precinct) or Airport Mixed Use zones; 13m in the Local Shopping Centre, Wanaka Business Mixed Use or Jacks Point zones; and 11m in any other zone; and Where located in an Outstanding Natural Landscape or Feature, the colour of the mast and any attachments is matched to the local environment and has a reflectivity value of less than 37%; and located not located in • the Arrowtown Residential Historic Management Zone, • Arrowtown Town Centre, • Queenstown Special Character Area, • Significant Natural Areas and • Heritage, Features and Landscapes. ~~Control is reserved to all of the following:~~ ~~• Location~~ ~~• Route~~ ~~• Height~~ ~~• Appearance, scale and visual effects~~	~~CP~~
~~30.4.15~~	~~**Telecommunications or radio communication, navigation or meteorological communication facilities**:~~ ~~located in~~ ~~• any identified Outstanding Natural Landscape or Feature,~~ ~~• the Arrowtown Residential Historic Management Zone,~~ ~~• Arrowtown Town Centre,~~ ~~• Queenstown Special Character Area,~~ ~~• Significant Natural Areas and~~ ~~• Heritage, Features and Landscapes.~~	~~D~~

Commented [CB39]: Submitters 179.15, 191.13, 421.12, 781.14

Commented [CB40]: Submitters 179.15, 191.13, 421.12, 781.14

Commented [CB41]: Submitters 179.15, 191.13, 421.12, 781.14

	Activities for Energy and Utilities	Activity Status
30.4.16	~~New Buildings and~~ **Structures ancillary to or associated with Utilities provided:** Subject to Rule 30.4.18, the addition, alteration or construction of structures up to than 10m^2 in area and 3m in height (other than masts for any telecommunication and radio communication facility, navigation or meteorological communication facility or supporting structures for lines). ~~The building or cabinet or structure is less than 10m^2 in total footprint or less than 3m in height.~~	P
30.4.~~15~~17	**Structures ancillary to or associated with Utilities ~~Buildings (associated with a Utility)~~** Subject to Rule 30.4.18, The addition, alteration or construction of structures ~~buildings~~ greater than 10m^2 in area and 3m in height (other than masts for any telecommunication and radio communication facility, navigation or meteorological communication facility or supporting structures for lines). ~~However, this rule shall not apply where the provisions of the underlying zone or a District Wide rule specify a more restrictive activity status.~~ Control is reserved to all of the following: • ~~Location~~ • External appearance, colour and visual effects • The mitigation of the adverse effecst of any associated earthworks • The adequacy of parking and access • Landscaping • Where a site is subject to any natural hazard ~~and the proposal results in an increase in gross floor area:~~ an assessment by a suitably qualified person is provided that addresses the nature and degree of risk the hazard(s) pose to the resilience and operation of the facility and associated buildings~~people and property,~~ whether the proposal will alter the risk to any site, and the extent to which such risk can be avoided or sufficiently mitigated[1].	C
30.4.18	**Structures ancillary to or associated with Utilities ~~Buildings (associated with a Utility)~~** Any addition, alteration or construction of ~~buildings and~~ structures, (other than masts for any telecommunication and radio communication facility, navigation or meteorological communication facility or supporting structures for lines) in: • Any Significant Natural Areas • The Arrowtown Residential Historic Management Zone. • The Remarkables Park Zone; and • If greater than 10m^2 in area and 3m in height in any Outstanding Natural Landscapes or Features.	D

Commented [CB42]: Submitters 179.15, 191.13, 421.12, 781.14 and 251

Commented [CB43]: Multiple submitters including 191, 251, 635, 805

Commented [CB44]: Submission 383

Commented [CB45]: Submitters 179.15, 191.13, 421.12, 781.14
notified 30.4.16

ENERGY AND UTILITIES 30

	Activities for Energy and Utilities	Activity Status
30.4.19	**Antennas** Provided the maximum surface area is no greater than 1.5m^2 ~~If circular shaped, an antenna less than 1.2m in diameter. If another shape, an antenna less than 1.2m in length or breadth.~~ and for whip antennas, less than 4m in length. Where located in an Outstanding Natural Landscape or Feature, the colour of the antenna and any attachments is matched to the local environment and has a reflectivity value of less than 37%;	P
30.4.20	**Antennas** Subject to Rule 30.4.21, provided the surface area is between 1.5m^2 and 4m^2 and for ~~If circular shaped, an antenna greater than 1.2m in diameter but less than 2.4m in diameter. If another shape, an antenna greater than 1.2m in length or breadth but less than 2.4m in length and breadth. For~~ whip antennas, more than 4m in length. Control is reserved to all of the following: • ~~Location~~ • ~~Route~~ • ~~Height~~ • Appearance, colour ~~scale~~ and visual effects	C
30.4.21	**Antennas ~~more than 2.4m in diameter, length or breadth and/or 4m in length for whip antennas in rural zone, OR, any antennas located in the following:~~** Where the surface area is greater than 4m^2; or Where the surface area is greater than 1.5m^2 and the antenna is located in: • ~~any identified Outstanding Natural Landscape or Feature.~~ • the Arrowtown Residential Historic Management Zone, • Arrowtown Town Centre, • Queenstown Special Character Area, • Significant Natural Areas and • Heritage, Features and Landscapes.	D
30.4.22	**The construction, alteration, or addition to underground lines for electricity or telecommunication purposes when:** the ground surface is reinstated to the state it was prior to works commencing. Note – Refer to the Operative Earthworks chapter.	P
~~30.4.13~~	~~**Telecommunication Facility and Radio communication Facilities Navigation, Meteorological Facilities**~~ ~~Any telecommunication and radio communication facility, navigation or meteorological communication facility where it involves erecting:~~	~~C~~

Commented [CB46]: Submitters 179.15, 191.13, 421.12, 781.14

Commented [CB47]: Submitters 179.15, 191.13, 421.12, 781.14

Commented [CB48]: Submitters 179.15, 191.13, 421.12, 781.14

Commented [CB49]: Submitters 179.15, 191.13, 421.12, 781.14 and 251

Commented [CB50]: Submitters 179, 191, 421, 781 Notified 30.4.13, redrafted in 30.4.14 and 30.4.19 and 30.4.20

	Activities for Energy and Utilities	Activity Status
	~~30.4.13.1 Within the Rural Zone any mast greater than 8m but less than or equal to 15m in height.~~ ~~30.4.13.2 Within the Town Centre Zones any mast greater than 8m but less than or equal to 10m in height.~~ ~~30.4.13.3 in zones with a maximum building height of less than 8m (except for the Business and Industrial Zones), a mast greater than the maximum height permitted for buildings of the zone or activity area in which it is located.~~ ~~30.4.13.4 If circular shaped an antenna greater than 1.2m in diameter but less than 2.4m in diameter. If another shape, an antenna greater than 1.2m in length or breadth but less than 2.4m in length and breadth.~~ ~~Control is reserved to all of the following:~~ • ~~Site location~~ • ~~External appearance~~ • ~~Access and parking~~ • ~~Visual amenity impacts~~ • ~~Where a site is subject to any natural hazard and the proposal results in an increase in gross floor area: an assessment by a suitably qualified person is provided that addresses the nature and degree of risk the hazard(s) pose to people and property, whether the proposal will alter the risk to any site, and the extent to which such risk can be avoided or sufficiently mitigated[1].~~	
~~**30.4.14**~~	~~**Telecommunication and Radio communication Facilities, Navigation, Meteorological Facilities where it involves:**~~ ~~30.4.14.1 Erecting any mast, or erecting any antenna greater than 1.2m in diameter (if circular in shape) or 1.2m in length or breadth (if another shape) in:~~ • ~~Any Outstanding Natural Landscape or Outstanding Natural Feature~~ • ~~Significant Natural Area~~ • ~~The Arrowtown Residential Historic Management Zone.~~ • ~~Any open space and landscape buffer areas identified on any of the Special Zone structure plans~~ • ~~Town Centre Special Character Areas~~ • ~~Heritage Features and Landscapes.~~ ~~30.4.14.2 Erecting antenna greater than 2.4m in diameter or 3m in length or breadth, except omni directional (or "whip) antenna which shall not exceed 4m length, in the following zones: Residential (other than the Arrowtown Residential Historic Management Zone), Rural Lifestyle, Rural Residential, Township, Resort, Airport Mixed Use, Visitor, Town Centre,~~	~~D~~

Commented [CB51]: Submitters 179.15, 191.13, 421.12, 781.14 notified 30.4.14; redrafted 30.4.15

	Activities for Energy and Utilities	Activity Status
	~~Corner Shopping Centre, Bendemeer, Penrith Park and Business Zones.~~ ~~30.4.14.3 Erecting any antenna greater than 2.4m in diameter length or breadth and/or 4m in length if a whip antenna, in the Rural Zone.~~ ~~30.4.14.4 Erecting a mast which is over 15m in height in the Rural Zone.~~ ~~30.4.14.5 In all other zones including the Town Centre Zones with a maximum building height of less than 8m (except the Business and Industrial Zones) and erecting a mast which is over 10m in height.~~ ~~30.4.14.6 In the Business and Industrial Zones and in all other zones with a maximum building height of 8m or greater, erecting a mast which exceeds the maximum height of buildings in the zone it is located by more than 5m.~~	
~~**30.4.16**~~	~~**Buildings (associated with a Utility)**~~ ~~Any addition, alteration or construction of buildings and structures, (other than masts for any telecommunication and radio communication facility, navigation or meteorological communication facility or supporting structures for lines) in:~~ • ~~Any Significant Natural Areas~~ • ~~The Arrowtown Residential Historic Management Zone.~~ • ~~The Remarkables Park Zone~~ ~~However, this rule shall not apply where the provisions of the underlying zone or a District Wide matter specify a more restrictive activity status.~~	~~D~~
30.4.~~17~~23	**Flood Protection Works** for the maintenance, reinstatement, repair or replacement of existing flood protection works for the purpose of: • maintaining the flood carrying capacity of water courses and/or maintaining the integrity of existing river protection works • fill works undertaken within Activity Area 1f of the Shotover Country Special Zone.	P
30.4.~~18~~24	**Flood Protection Works** not otherwise identified.	D
30.4.~~19~~25	**Waste Management Facilities**	D
30.4.~~20~~26	**Water and Wastewater Treatment Facilities**	D
30.4.~~21~~7	**In the Remarkables Park Zone**, all lattice towers or overhead lines or support structures for overhead lines for any purpose (except any poles solely for the purpose of street lighting); or any mast for any purpose; or any antenna greater than 1.5m^2 in surface area ~~1.2m in diameter~~, length	NC

Commented [CB52]: Submitters 179.15, 191.13, 421.12, 781.14 notified 30.4.16 redrafted 30.4.18

	Activities for Energy and Utilities	Activity Status
	or breadth (except omni-directional or 'whip' antenna less than 4 metres in length).	
30.4.28	**Microcells** A small cell and associated antennas, with a volume of no greater than 0.11m^3.	P
30.4.29	**Microcells** A small cell and associated antennas, with a volume of between 0.11m^3 and 2.5m^3. Control is reserved to all of the following: • Appearance, colour, and visual effects	C

30.5 Rules – Standards

	Standards for activities	Non-compliance status
Standards for Energy Activities		
30.5.1	**Small and Community-Scale Distributed Electricity Generation and Solar Water Heating shall**: 30.5.1.1 not overhang the edge of any building. 30.5.1.2 Solar Electricity Generation cells, modules and panels and Solar Water Heating collector panels shall be recessive colours: black, dark blue, grey or brown. Frames, mounting, fixing hardware shall be finished in similar recessive colours with a light reflectance value of less than 36%. Recessive colours shall be selected to be the closest colour to the building to which they form part of, are attached to, or service. 30.5.1.3 be set back in accordance with the internal and road boundary setbacks for buildings in the zone in which they are located. Exemptions for accessory buildings shall not apply. 30.5.1.4 not intrude through any recession planes applicable in the zone in which they are located. 30.5.1.5 For solar panels on a sloping roof, may protrude a maximum of 0.5 m above the maximum height limit specified for the zone. 30.5.1.6 For solar panels on a flat roof, may protrude a maximum of 1.0 m above the maximum height limit specified for the zone, for a maximum area of 5m^2.	D

Commented [CB53]: Submitter 383

	Standards for activities	Non-compliance status
	30.5.1.7 not exceed 2.0 metres in height if for free standing Solar Electricity Generation and Solar Water Heating. 30.5.1.8 not exceed 150 m^2 in area if for free standing Solar Electricity Generation and Solar Water Heating. 30.5.1.9 be located within an approved building platform and not exceed the site coverage requirements of the underlying zone.	
30.5.2	**Mini and Micro Hydro Electricity Generation shall:** 30.5.2.1 comply with Road and Internal Boundary Building Setbacks in the zone in which they are located. 30.5.2.2 not exceed 2.5 metres in height. 30.5.2.3 be finished in recessive colours with a light reflectance value of less than 36%. consistent with the building it is servicing on site. Note**:** Reference should also be made to the Otago Regional Council Water Plan Rules.	D
30.5.3	**Wind Electricity Generation shall:** 30.5.3.1 comprise no more than two Wind Electricity Generation turbines or masts on any site. 30.5.3.2 involve no lattice towers. 30.5.3.3 be set back in accordance with the internal and road boundary setbacks for buildings in the zone in which they are located. Exemptions for accessory buildings shall not apply. 30.5.3.4 not exceed the maximum height or intrude through any recession planes applicable in the zone in which they are located. In the Rural and Gibbston Character Zones the maximum height shall be that specified for non-residential building ancillary to viticulture or farming activities (10m). The maximum height for a wind turbine shall be measured to the tip of blade when in vertical position. 30.5.3.5 be painted in non-reflective paint with a light reflectance value of less than 36%.	D
30.5.4	**Biomass Electricity Generation** 30.5.4.1 Biomass Electricity Generation fuel material shall be sourced on the same site as the generation plant, except where the generation plant is located	D

Commented [CB54]: Submitters 126 and 368

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	Standards for activities	Non-compliance status
	in Industrial Zones (and Industrial Activities Areas within Structure Plans). 30.5.4.2 Any outdoor storage of Biomass Electricity Generation fuel material shall be screened from adjoining sites and public places. 30.5.4.3 Biomass Electricity Generation plant and equipment shall be located inside a Building. Note: Reference should also be made to the Otago Regional Council Air Plan Rules.	
30.5.5	**Associated buildings** Any building housing plant and electrical equipment associated with Renewable Electricity Generation activities, unless permitted in the zone in which it located or approved by resource consent, shall: 30.5.5.1 not exceed 10m^2 in area and ~~2.5~~ 3m in height. 30.5.5.2 be set back in accordance with the internal and road boundary setbacks for accessory buildings in the zone in which it is located. 30.5.5.3 be finished in recessive colours with a light reflectance value of less than 36%, consistent with the building it is servicing on site.	D
Standards for Utilities		
~~**30.5.6**~~	~~**Setback from internal boundaries and road boundaries**~~ ~~Where the utility is a building, it shall be set back in accordance with the internal and road boundary setbacks for accessory buildings in the zone in which it is located.~~	~~D~~
~~**30.5.7**~~	~~**Buildings in Outstanding Natural Landscapes (ONL) and Outstanding Natural Features (ONF)**~~ ~~Any building within an ONL or ONF shall be less than 10m^2 in area and less than 3m in height.~~	~~D~~
~~**30.5.8**~~	~~**Height**~~ ~~All buildings or structures, (excluding masts and antennae for any telecommunication and radio-communication facility, navigation or meteorological communication facility) shall comply with the relevant maximum height provisions for buildings of the zone they are located in.~~	~~D~~
~~**30.5.9**~~	~~**New Zealand Standards**~~ ~~All development of utilities including associated earthworks shall comply with NZS4404:2011.~~	~~D~~

Commented [CB57]: Submitters 179.15, 191.13, 421.12, 781.14

Commented [CB58]: Submitter 383

Commented [CB59]: Submitters 383, 179, 191, 421, 781, FS1121

	Standards for activities	Non-compliance status
30.5.~~10~~9	**Buildings and Structures permitted within the National Grid Yard include ~~being~~:** 30.5.~~9~~10.1 A non-conductive fence located 5m or more from any National Grid Support Structure and no more than 2.5m in height. 30.5.~~9~~10.2 Any utility within a transport corridor or any part of electricity infrastructure that connects to the National Grid. 30.5.~~9~~10.3 Any new non-habitable building less than 2.5m high and 10m^2 in floor area. 30.5.~~9~~10.4 Any non-habitable building or structure used for agricultural activities provided that they are: a. less than 2.5m high b. Located at least 12m from a National Grid Support Structure c. Not a milking shed/dairy shed (excluding the stockyards and ancillary platforms), or a commercial glasshouse. 30.5.~~9~~10.5 Alterations to existing buildings that do not alter the building envelope. Note – Refer to the Definitions for illustration of the National Grid Yard.	NC
30.5.10	**Buildings and Structures and Earthworks permitted within the Electricity Sub-Transmission Corridor include:** Within 10m of a centre line in the corridor: 30.5.10.1 Any building or structure that does not require building consent; or, Alteration of any building that does not exceed outside the envelope or footprint of the existing building. 30.5.10.2 Earthworks that: a. Are not directly above an underground cable(s); and b. Do not result in a reduction of existing ground clearance distances from overhead lines below the minimums prescribed in the New Zealand Code of Practice 34:2001 (NZECP 34:2001); and c. Are in accordance with NZECP 34:2001.	NC

Commented [CB60]: Submitter 635

Commented [CB61]: Submitter 635

	Standards for activities	Non-compliance status
30.5.11	**Earthworks <u>permitted</u> within the National Grid Yard ~~being~~ <u>include</u>:** 30.5.11.1 Earthworks within 2.2 metres of a National Grid pole support structure or stay wire shall be no deeper than 300mm. 30.5.11.2 Earthworks between 2.2 metres to 5 metres of a National Grid pole support structure or stay wire shall be no deeper than 750mm. 30.5.11.3 Earthworks within 6 metres of the outer visible edge of a National Grid Transmission Tower Support Structure shall be no deeper than 300mm. 30.5.11.4 Earthworks between 6 metres to 12 metres from the outer visible edge of a National Grid Transmission Tower Support structure shall be no deeper than 3 metres. 30.5.11.5 Earthworks shall not create an unstable batter that will affect a transmission support structure. 30.5.11.6 Earthworks shall not result in a reduction in the existing conductor clearance distance below what is required by the New Zealand Electrical Code of Practice 34:2001. The following earthworks are exempt from the rules above: 30.5.11.7 Earthworks undertaken in the course of constructing or maintaining utilities 30.5.11.8 Earthworks undertaken as part of agricultural activities or domestic gardening 30.5.11.9 Repair sealing, resealing of an existing road, footpath, farm track or driveway Note – Refer to the Definitions for illustration of the National Grid Yard.	D

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30.6 Rules - Non-Notification of Applications

30.6.1 **Any application for resource consent for the following matters shall not require the written consent of other persons and shall not be notified or limited-notified:**

~~30.6.1.1 Stand-Alone Power Systems (SAP's).~~

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~~30.6.1.2 Small and Community Scale Distributed Electricity Generation.~~

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30.6.1.~~3~~1 Controlled activities.

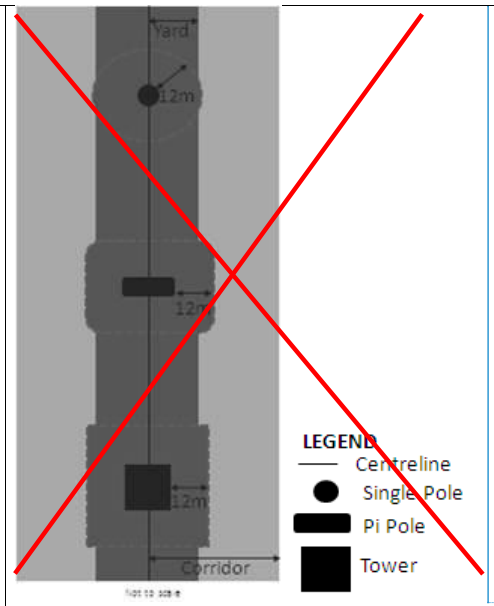
30.6.1.4<u>2</u> Discretionary activities for Flood Protection Works.

RECOMMENDED CHANGES TO DEFINITIONS

Minor Upgrading	Means an increase in the carrying capacity, efficiency or security of electricity transmission and distribution or telecommunication lines utilising the existing support structures or structures of a similar scale, intensity and character, ~~maintenance, replacement and upgrading of existing conductors or lines and support structures provided they are of a similar character, intensity and scale to the existing conductors or line and support structures~~ and shall include the following: a) Addition of lines, circuits and conductors; b) Reconducting of the line with higher capacity conductors; c) Re-sagging of conductors; d) Bonding of conductors; e) Addition or replacement of longer or more efficient insulators; f) Addition of electrical fittings or ancillary telecommunications equipment; g) Addition of earth-wires which may contain lightning rods, and earth-peaks; h) Support structure replacement within the same location as the support structure that is to be replaced; i) Addition or replacement of existing cross-arms with cross-arms of an alternative design; and • ~~Replacement of existing support structure poles provided they are less or similar in height, diameter and are located within 1 metre of the base of the support pole being replaced;~~ • Addition of a single ~~service~~ support structure for the purpose of providing a service connection to a site, except in the Rural zone; • ~~The addition of up to three new support structures extending the length of an existing line provided the line has not been lengthened in the preceding five year period, except in the Rural Zone~~; • ~~Replacement of conductors or lines provided they do not exceed 30mm in diameter or the bundling together of any wire, cable or similar conductor provided that the bundle does not exceed 30mm in diameter;~~ • ~~Re-sagging of existing lines;~~ • ~~Replacement of insulators provided they are less or similar in length; and~~ • ~~Addition of lightning rods, earth-peaks and earth-wires~~
National Grid Subdivision Corridor	Means the area measured either side of the centreline of above ground National Grid line as follows: • 16m for the 110kV lines on pi poles • 32m for 110kV lines on towers • 37m for the 220kV transmission lines. Note: The National Grid Subdivision Corridor does not apply to underground cables or any transmission lines (or sections of line) that are designated.
National Grid Yard	Means: • the area located 12 metres in any direction from the outer edge of a National Grid support structure; and • the area located 12 metres either side of the centreline of any overhead National Grid line; (as shown in dark grey in diagram below)

Commented [CB65]: Submitters 251, 635, 805

Commented [CB66]: Submitter 805



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	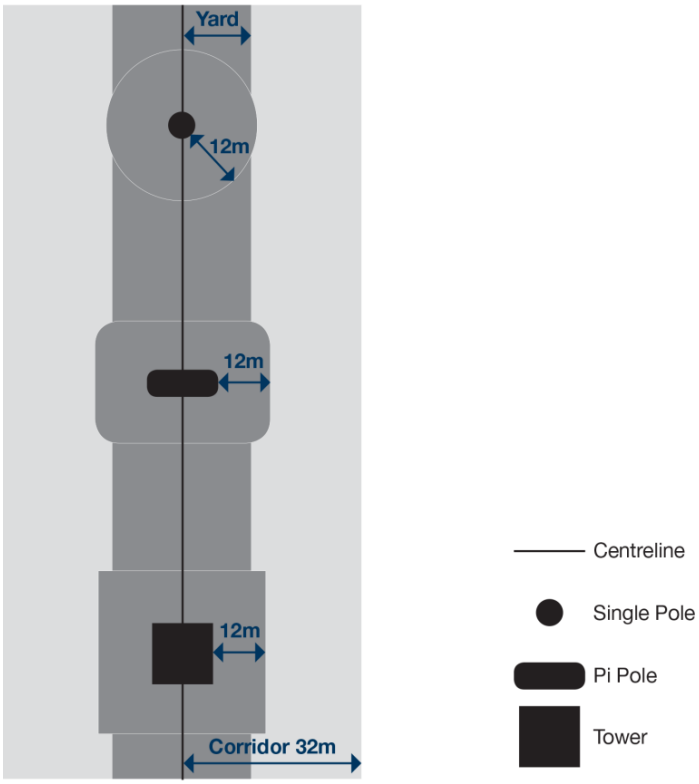 Note: The National Grid Yard does not apply to underground cables or any transmission lines (or sections of line) that are designated.
National Grid Sensitive Activities	Means those activities within the National Grid Corridor that are particularly sensitive to the risks associated with electricity transmission lines because of either the potential for prolonged exposure to the risk or the vulnerability of the equipment or population that is exposed to the risk. Such activities include buildings or parts of buildings used for, or able to be used for the following purposes: • ~~Child Day Care activity;~~ • Day Care facility ~~activity~~; • Educational facility ~~activity, except training related to the National Grid~~; • ~~Home Stay;~~ • Healthcare facility ~~Hospital activity~~; • Papakainga; • Any Rresidential activity; • ~~Residential Care activity; or~~ • Visitor accommodation.
~~Sensitive activities - Transmission corridor~~	~~Means those activities within an Electricity Transmission Corridor that are particularly sensitive to the risks associated with electricity transmission lines because of either the potential for prolonged exposure to the risk or the vulnerability of the equipment or population that is exposed to the risk. Such activities include any residential activity, visitor accommodation, educational facility, healthcare facility and day care facility.~~

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Telecommunications Facility	Means devices, such as aerials, dishes, antennae, wi-fi and microcells, lines (including cables), ~~wires, cables~~, casings, tunnels and associated equipment and support structures, and equipment shelters, such as towers, masts and poles, and equipment buildings and telecommunication kiosks ~~telephone boxes~~, used for the transmitting, emission or receiving of communications.
Utility	Means the systems, services, structures and networks necessary for operating and supplying essential utilities and services to the community including but not limited to: • substations, transformers, lines and necessary and incidental structures and equipment for the transmissions and distribution of electricity; • pipes and necessary incidental structures and equipment for transmitting and distributing gas; • storage facilities, pipes and necessary incidental structures and equipment for the supply and drainage of water or sewage; • water and irrigation races, drains, channels, pipes and necessary incidental structures and equipment (excluding water tanks); • structures, facilities, plant and equipment for the treatment of water; • structures, facilities, plant, equipment and associated works for receiving and transmitting telecommunications and radio communications (see definition of telecommunication facilities); • structures, facilities, plant, equipment and associated works for monitoring and observation of meteorological activities and natural hazards; • structures, facilities, plant, equipment and associated works for the protection of the community from natural hazards; • structures, facilities, plant and equipment necessary for navigation by water or air; • waste management facilities; • flood protection works; and • Anything described as a network utility operation in s166 of the Resource Management act 1991 Utility does not include structures or facilities used for electricity generation, the manufacture and storage of gas, or the treatment of sewage.
Electricity Sub-Transmission Lines	Means the conveyance of electricity via sub-transmission (operating at 22kV, 33kV and 66kV) lines and cables (aerial and underground), support structures and substations operated by a Network Utility Operator. Advice note: Only transmission and electricity sub-transmission lines are identified on the planning maps, however, works in close proximity to all electric lines can be dangerous. Compliance with NZECP 34:2001 is mandatory for buildings, earthworks, and when using machinery or equipment within close proximity to any electric lines.
Electricity Sub-Transmission Corridor	Means the area located 10 metres either side of the centreline of any overhead Sub-Transmission line (as shown in blue in the diagram below). Distances from Electricity Sub-Transmission Lines are to be measured from a point directly below the centreline of the line or cluster of lines, as shown in below.

Commented [CB70]: Submitters 179, 191, 421, 781

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	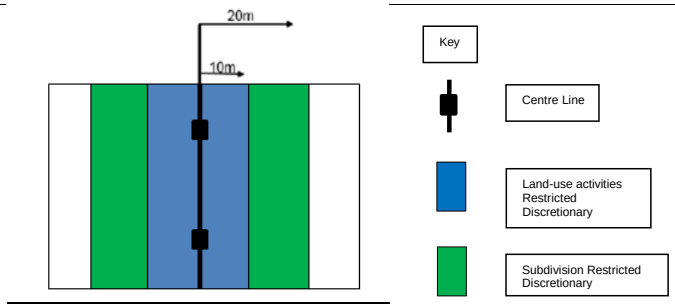
Electricity Distribution	Means the conveyance of electricity via electricity distribution lines, cables, support structures, substations, transformers, switching stations, kiosks, cabinets and ancillary buildings and structures, including communication equipment, by a network utility operator.
Energy Activities	Includes the following: • Small and Community-Scale Distributed Electricity Generation and Solar Water Heating • Renewable Electricity Generation • Non-renewable Electricity Generation • Wind Electricity Generation • Solar Electricity Generation • Stand-Alone Power Systems (SAPS) • Biomass Electricity Generation • Hydro Generation Activity • Mini and Micro Hydro Electricity Generation.
Regionally significant infrastructure[2]	Regionally significant infrastructure means: a) Renewable electricity generation facilities, where they supply the National Grid and local distribution network and are operated by an electricity operator; and b) Electricity transmission infrastructure forming the National Grid and Electricity Sub-Transmission Lines; and c) Telecommunication and radio communication facilities; and d) Key centralised Council infrastructure, including water reservoirs, and wastewater treatment plants; and e) Roads classified as being of national or regional importance; and f) Queenstown and Wanaka airports
Support Structure	Means a utility pole or tower that forms part of the electricity distribution or transmission network that supports conductors as part of a line. This includes any ancillary equipment, such as communication equipment or transformers.
National Grid	Means the same as in the Resource Management (National Environmental Standards for Electricity Transmission Activities) Regulations 2009.

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Commented [CB78]: This definition was recommended in the Council's reply on the Strategic Direction Chapter. The further change recommended is the addition at b) 'and Electricity Sub-Transmission Lines',

Commented [CB79]: Submitter 635 FS1301

Commented [CB80]: Submitter 805

[2] Derived from the version in Mr Matthew Paetz's Right of Reply chapter 3 Strategic Directions dated 7 April 2016.