

22 RULES: Network Utilities

22.1 CONDITIONS FOR PERMITTED ACTIVITIES

All network utilities shall comply with the following conditions (in addition to or where relevant, in place of the rules and conditions applying to each particular zone): All other permitted activity conditions specified in this Plan shall also apply to any network utility or associated structures.

Notwithstanding the subdivision standards for each zone, there shall be no specified allotment sizes in any zone for allotments created solely for utilities.

22.1.1 Gas Pressure

Any new pipelines for natural or manufactured gas and necessary incidental equipment including household connections and compressor stations shall be limited to a gauge pressure not exceeding 2000 kilopascals. This does not restrict the maintenance, replacement and upgrading of existing transmission pipelines and necessary incidental equipment.

22.1.2 Electricity Voltage

Any new electricity lines and associated transformers shall be limited to a voltage up to and including 110kV with a capacity up to and including 100MVA per circuit. This does not restrict the maintenance, replacement and upgrading of existing lines and associated transformers.

22.1.3 Radio Frequency Radiation

That all telecommunication, radio communication or ancillary devices comply with the New Zealand Standard NZS 2772.1 (1999) Radiofrequency Fields: Part 1 Maximum Exposure Levels – 3KHz to 300 KHz and with NZS 6609.2:1990 – Radiofrequency Radiation: Part 2: Principles and Methods of Measurements 300 KHz to 100 GHz.

22.1.4 Sites Adjoining any Residential or Rural Township Zone

Notwithstanding any other conditions, where it is proposed to locate any network utility structure on a site adjoining any residential or rural zone, the performance conditions of the adjoining zone shall apply in relation to the height and location of any network utility structure.

22.1.5 Undergrounding of Services

In urban zoned areas, where practicable, new electricity and telecommunication supply lines shall be reticulated underground.

In areas of outstanding landscapes and natural features and any Significant Natural Area as identified in Schedule 4 of this Plan, new electricity and telecommunications and cable television supply lines shall be reticulated underground where this will not adversely effect the values of the natural area.

22.1.6 Underground Services - Reinstatement

Where network utilities or associated structures are located underground, the ground surface and any vegetation disturbed in the course of installation shall be repaired or replaced as soon as practicable after installation.

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22.1.7 Size of Network Utilities

A network utility building shall not have a floor area in excess of 50m² and a height in excess of the following (excluding pole-mounted street lights):

- 15 metres in the Rural Zone
- 8.5 metres in the Residential 1,2,3,4 and Commercial 2 Zones
- 15 metres in the Commercial 1
- 15 metres in the Industrial Zone

22.1.8 Height of Masts, other support Structures and Aerials

Apart from 22.1.10 below, all masts, support structures and antennas associated with the network utilities shall not exceed the following maximum height requirements:

- 20 metres in the Rural Zone
- 13.5 metres in the Residential Zones
- 13.5 metres in the Commercial 2 Zone
- 20.0 metres in the Commercial 1 Zone
- 20.0 metres in the Industrial Zone

22.1.9 Maintenance, Replacement and Upgrading Network Utilities

- (i) The conditions in the plan do not restrict the maintenance, replacement or upgrading of existing network utilities.
- (ii) Upgrading in the context of network utilities means an improvement, increase in capacity or improved security, provided that the effects of the activity will be the same or similar in character, intensity and scale to those which existed before the upgrading was proposed.

22.1.10 Outstanding Natural Features

No masts, pylons or power poles shall be located on the outstanding natural features as identified on Maps 32 and 33.