

IN THE MATTER of the Resource Management Act 1991(RMA)

AND

IN THE MATTER of an application by Nelson City Council ("**NCC**") for a plan change ("**PC29**") to the Nelson Resource Management Plan ("**NRMP**") in the NRMP ("**Application**")

JOINT WITNESS STATEMENT (JWS) IN RELATION TO:

EXPERT CONFERENCING INFRASTRUCTURE AND PLANNING (PART 2)
(Submitter - Transpower)

29 July 2024

Expert Conferencing Held on: 29 July 2024

Independent Facilitator: Marlene Oliver

Venue: Online

Admin Support: Rebecca Dowling

1 Attendance:

1.1 The list of participants is included in the schedule at the end of this Statement.

1.2 Note from Facilitator (6 August 2024): The experts prepared this JWS on their own without my involvement. The JWS was then referred to me after the experts for the Council had confirmed their agreement (in section 4 below) and I independently confirmed the agreement of the Transpower expert by phone. The JWS was then sent to Rebecca Dowling (Admin Support) for filing/publication.

2 Basis of Attendance and Environment Court Practice Note 2023

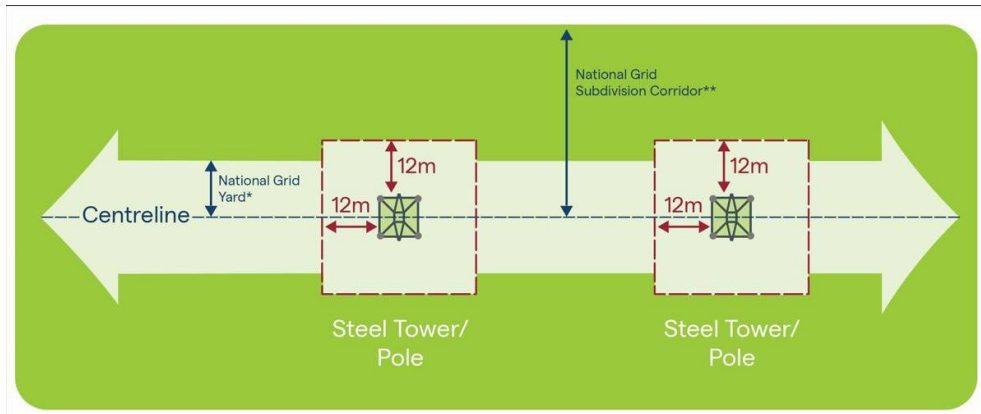
2.1 All participants agree to the following:

- (a) The Environment Court Practice Note 2023 provides relevant guidance and protocols for the expert conferencing session;
- (b) They will comply with the relevant provisions of the Environment Court Practice Note 2023;
- (c) They will make themselves available to appear before the Panel;
- (d) This statement is to be filed with the Panel and posted on the Council's website.

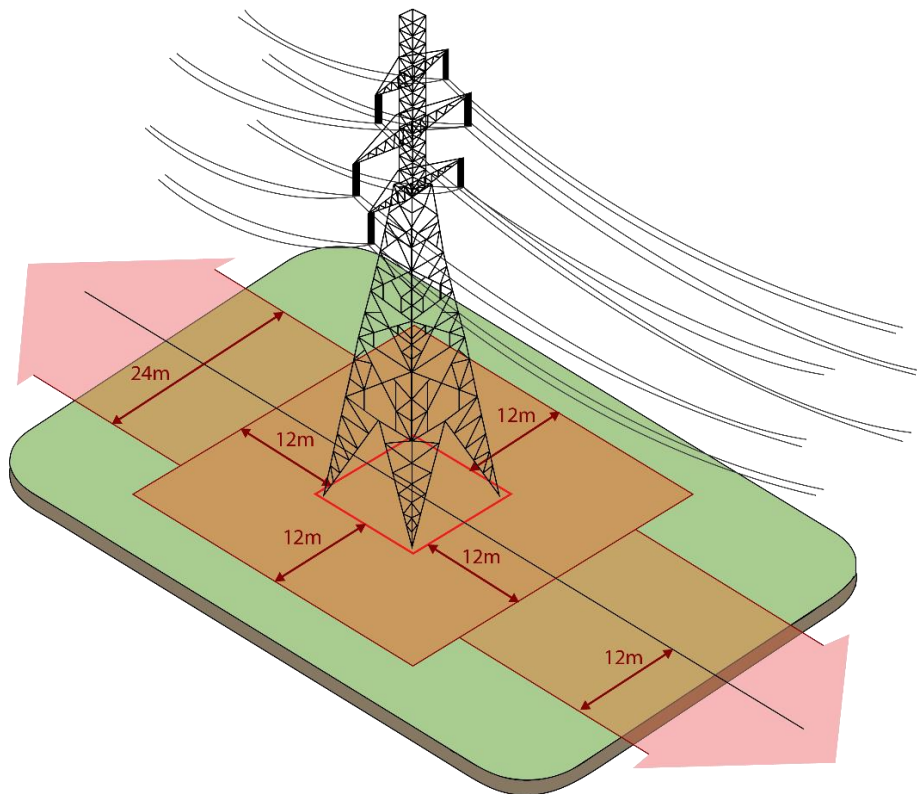
3 Matters considered at Conferencing – Agenda and Outcomes

3.1 National Grid Yard

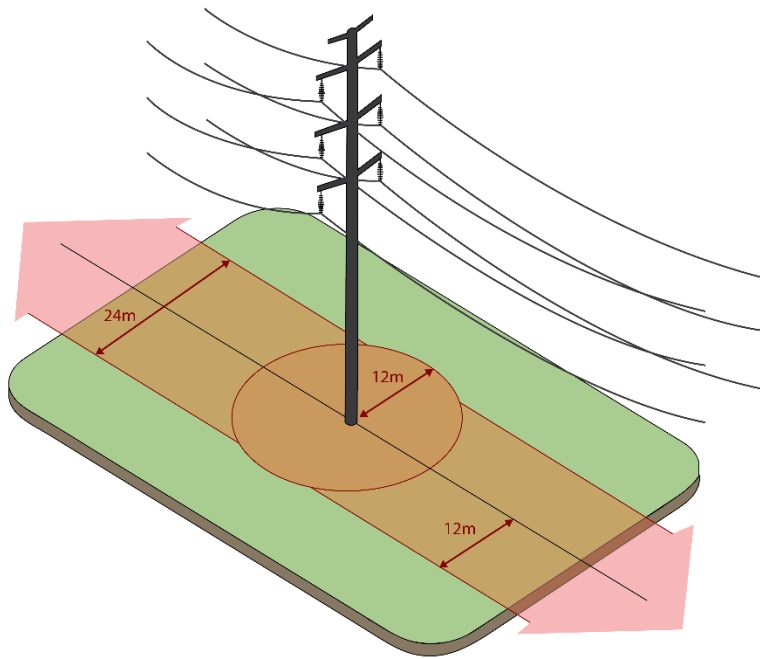
Chapter 2 Meaning of words – delete the following diagram



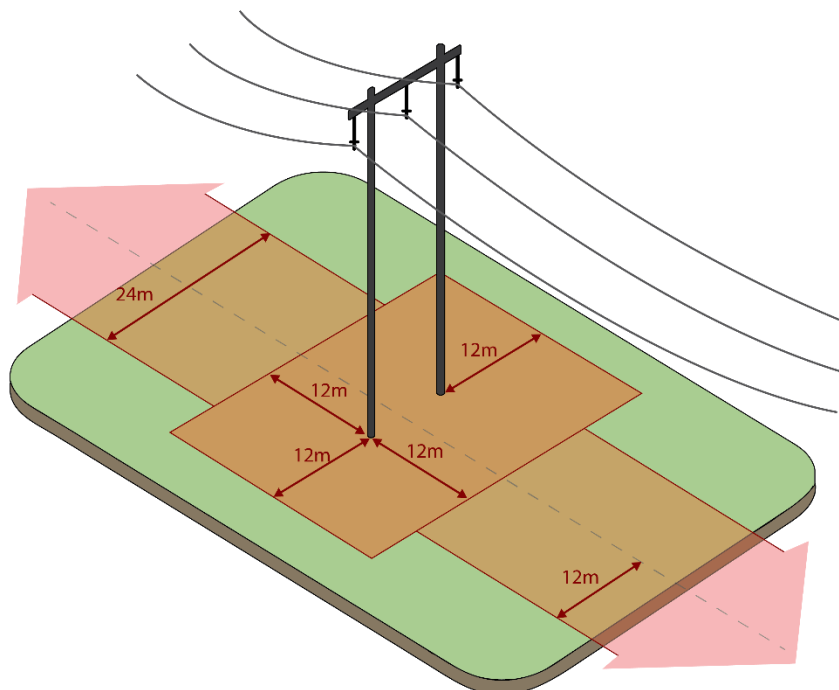
Insert the following three diagrams:



Steel Lattice Tower



Steel Tubular Tower



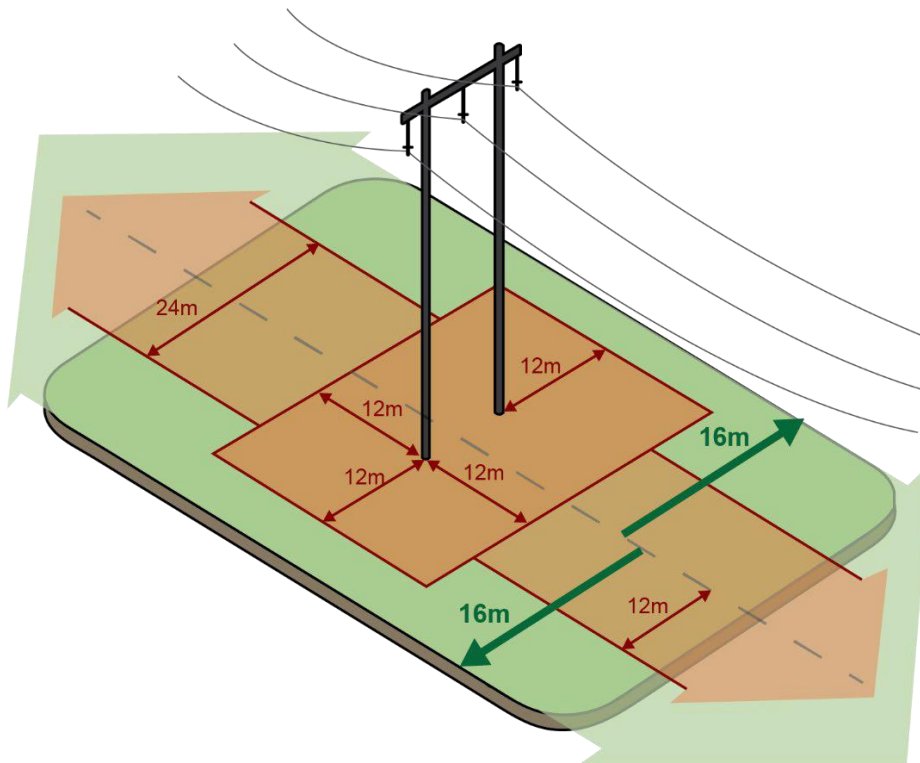
Pi-Pole

Amend the National Grid Yard definition as follows:

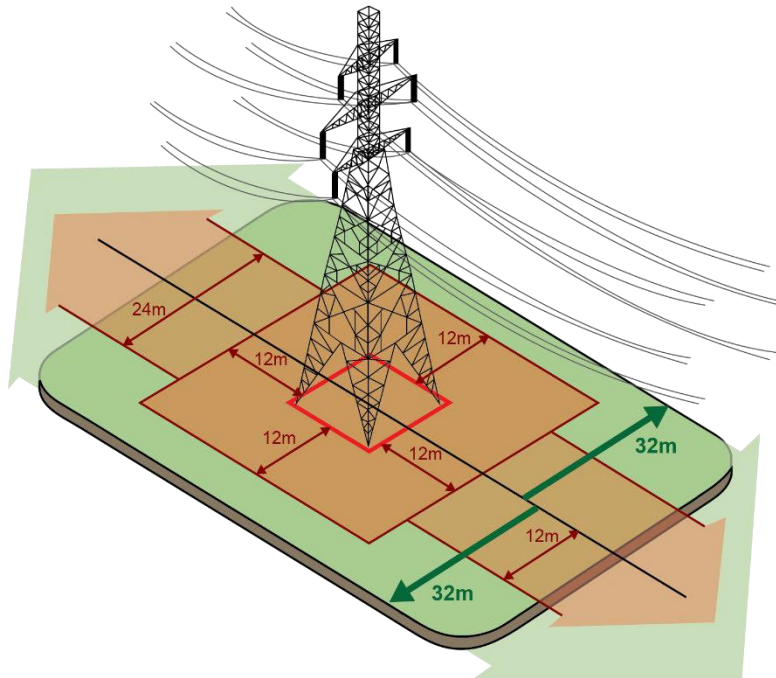
The measurement of setback distances from National Grid transmission lines must be undertaken from the centre line of the National Grid transmission line, as shown in the diagram below. The centre line at any point is a straight line between the centre points of the two support structures at each end of the span. The National Grid Yard is the areas shown in red.

3.2 National Grid Subdivision Corridor

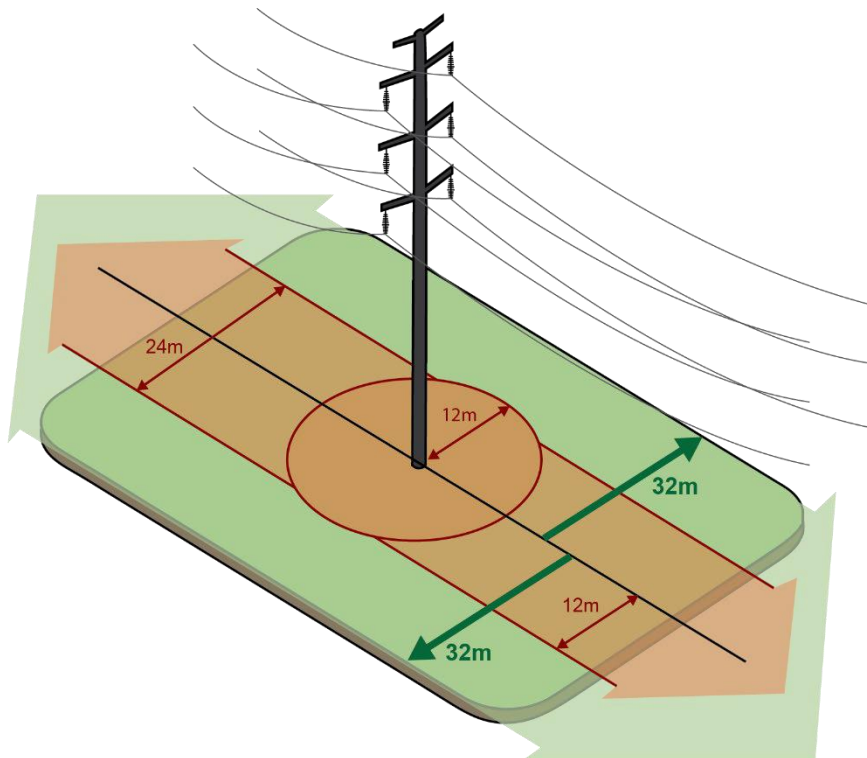
Chapter 2 Meaning of Words – insert the following five diagrams



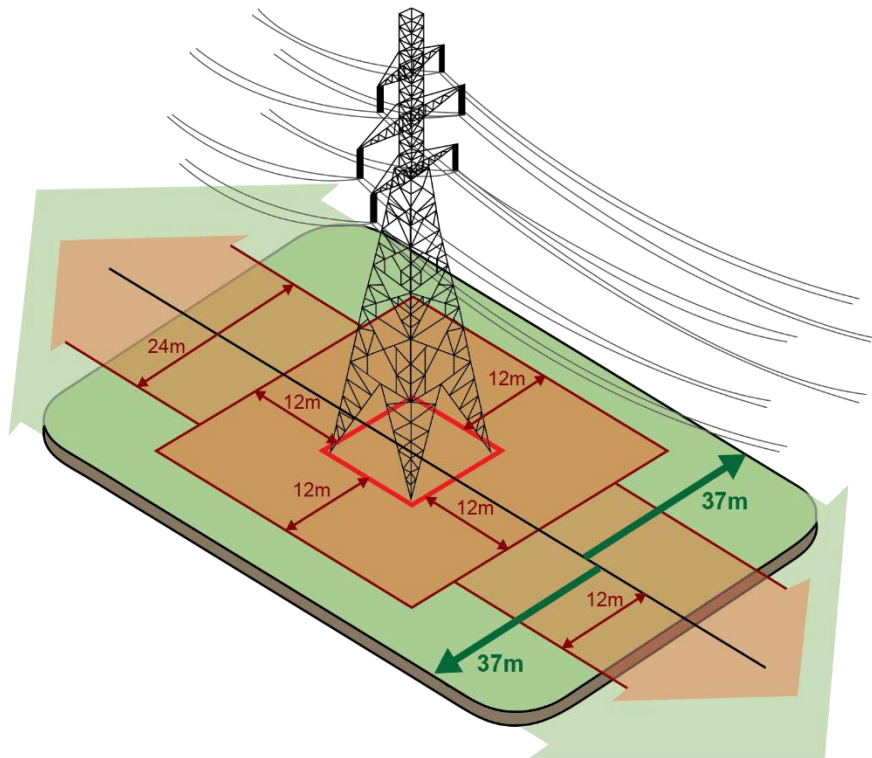
Pi-Pole - 110kV Transmission Line



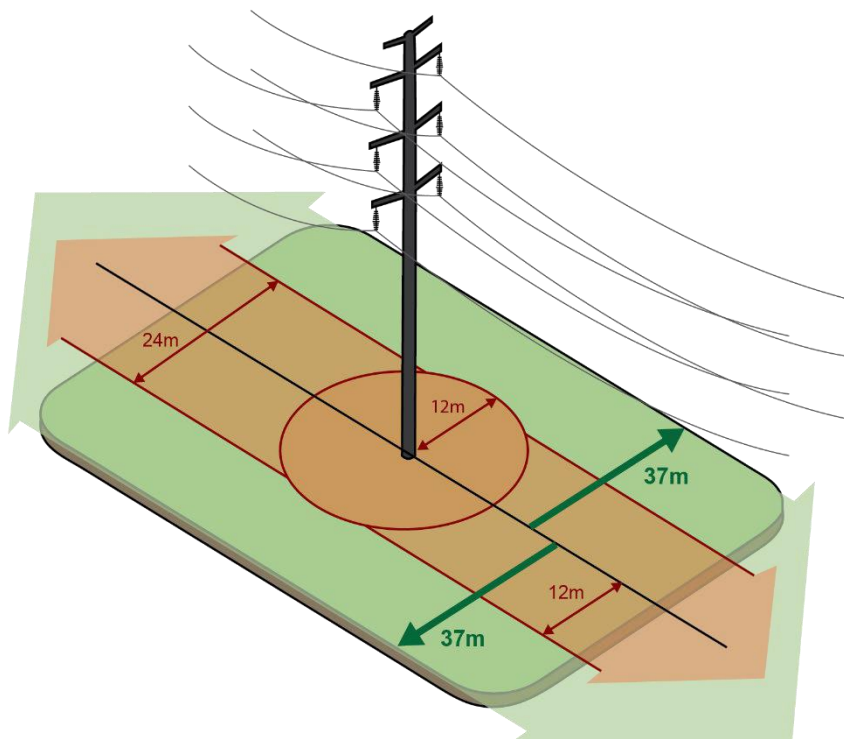
Steel Lattice Tower - 110kV Transmission Line



Steel Tubular Tower - 110kV Transmission Line



Steel Lattice Tower - 220kV Transmission Line



Steel Tubular Tower - 220kV Transmission Line

Amend the National Grid Subdivision Corridor definition as follows:

The measurement of setback distances from National Grid transmission lines must be undertaken from the centre line of the National Grid transmission line, as shown in the diagram below. The centre line at any point is a straight line between the centre points of the two support structures at each end of the span. The National Grid Subdivision Corridor is the areas shown in green, and includes the National Grid Yard shown in red. Note: The National Grid Subdivision Corridor is not to scale.

- (a) **All experts agree** to the further amendments to the provisions relating to the National Grid Subdivision Corridor that are set out in 3.1 – 3.2 above, in red with yellow highlights.

3.3 Chapter 5 – DO14 Subdivision and Development

DO14.4.2 transmission lines

Reduce the potential risks associated with **high voltage** transmission lines **(excluding the National Grid)** by encouraging the location of these away from urban areas and by ensuring residential development is not located near such lines.

Explanation and Reasons

DO14.4.2.i The network utility operators that utilise **high voltage** transmission lines **(excluding the National Grid)** recognise that there is some potential for adverse effects arising from the proximity of these lines to residential development. The effects of concern are the potential health effects of electromagnetic fields and other practical safety concerns. It is appropriate that the Plan enforce established safety distances from this type of network utility.

Methods

DO14.4.2.ii Rules in each zone controlling the proximity of residential development to transmission lines **(excluding the National Grid).**

DO14.4.2.iii Depiction of transmission lines on the Planning Maps.

DO14.4.2.iv Assessment criteria on applications.

Policy

DO14.4.2A effects on the National Grid

Ensure that subdivision, use and development does not **adversely affect** **compromise** the safe and efficient operation, maintenance, repair, upgrading, removal and development of the National Grid, including by mapping the National Grid and defining buffer corridors within which:

- a. the establishment or expansion of sensitive activities will be avoided **to ensure the National Grid is not compromised to the extent reasonably possible**; and

- b. subdivision and other development is managed to ensure the National Grid is not compromised, and reverse sensitivity effects are avoided to the extent reasonably possible.

Explanation and Reasons

DO14.4.2a.i The purpose of the policy is to manage the effect of activities on the National Grid and ensure that the NRMP provides for the effective operation, maintenance, upgrading and development of the National Grid by ensuring the National Grid is not compromised. This is achieved by managing sensitive activities (including sensitive activities) within buffer corridors of the National Grid and specifying rules to enable the National Grid to be maintained, repaired, removed and upgraded.

Methods

DO14.4.2a.ii Rules in each zone controlling the proximity of sensitive activities (including sensitive activities) to the National Grid.

DO14.4.2a.iii Identifying the National Grid on the planning maps and defining buffer corridors in the definitions of National Grid Yard and National Grid Subdivision Corridor rules.

DO14.4.2a.iv Rules enabling the maintenance, repair, removal and upgrading of the National Grid.

3.4 Chapter 07 Residential Rules

REr.51A Activities near National Grid transmission lines (Title)

REr.51A Activities near National Grid transmission lines Activities, buildings and structures within the National Grid Yard

REr.117 National Grid Subdivision Corridor

REr.117.4

Subdivision within the National Grid Subdivision Corridor, other than subdivision to provide for a network utility, that contravenes a restricted discretionary activity is a non-complying activity.

3.5 Planning maps legend

Electrical Transmission Lines

33kV ETL

66kV ETL

National Grid Electrical Transmission Lines

110kV National Grid ETL

220kV National Grid ETL

(b) All experts agree to the further amendments to the provisions relating to the National Grid that are set out in 3.2 – 3.4 above, in red with yellow highlights.

4 PARTICIPANTS TO JOINT WITNESS STATEMENT

- 4.1 The participants to this Joint Witness Statement, as listed below, confirm that:
- (a) They agree that the outcome(s) of the expert conferencing are as recorded in this statement; and
 - (b) They have read the Environment Court’s Practice Note 2023 and agree to comply with it; and
 - (c) The matters addressed in this statement are within their area of expertise; and
 - (d) As this session was held online, in the interests of efficiency, it was agreed that each expert would verbally confirm their position in relation to this para 4.1 to the Independent Facilitator and the other experts and this is recorded in the schedule below. (Refer to section 1.2 above)

Confirmed online: 29 July and 6 August 2024

EXPERT’S NAME & EXPERTISE	PARTY	EXPERT’S CONFIRMATION REFER PARA 4.1
Rachel Morgan (Planning)	Nelson City Council (s42A)	Yes
Coralie Barker (Planning)	Nelson City Council (s42A)	Yes
Mithran Gopinath (Planning)	Nelson City Council (s42A)	Yes
Pauline Whitney (Planning)	Transpower	Yes