General

1. The consent holder shall provide Transpower NZ Ltd 10 working days notice in writing prior to commencing the proposed works. Note: notification can be sent to transmission.corridor@transpower.co.nz

Building and Structures

2. No buildings or structures (except non-conductive fencing) shall be located within 12m of the centreline of the MST-UHT A National Grid transmission lines.

3. No buildings or structures shall be located within 12m of any outer visible edge of the foundation of National Grid support structures MST-UHT-A0192 to 0199; except for non-conductive fencing, which can be located 6m from any outer visible edge of the support structure foundation.

NZECP Compliance

4. All land use activities, including the construction of new buildings/structures, earthworks, fences, any operation of mobile plant and/or persons working near exposed line parts shall comply with the New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001) or any subsequent revision of the code.

Access

5. All buildings, structures and vegetation must be located to ensure vehicle access is maintained to the MST-UHT A National Grid transmission lines, and support structures MST-UHT-A0192 to 0199, for maintenance at all reasonable times, and emergency works at all times.

   Advice note: Transpower NZ Ltd has a right to access its existing assets under s23 of the Electricity Act 1992. Any development on must not preclude or obstruct this right of access. It is an offence under s163D of the Electricity Act 1992 to intentionally obstruct any person in the performance of any duty or in doing any work that the person has the lawful authority to do under s23 of the Electricity Act 1992.

Mobile Plant

6. All machinery and mobile plant operated in association with the works shall maintain a minimum clearance distance of 4 metres from the live overhead conductors (wires) of the MST-UHT A National Grid transmission lines at all times to avoid the potential of machinery striking the lines.

7. To ensure safe separation distances to the conductors (wires) of the National Grid transmission lines are maintained, all machinery, mobile plant and vehicles operating within 12m of the

transmission lines, and traversing beneath the lines, shall be limited to a maximum reach height of 2.1 metres. This includes any loads being lifted or transported underneath the line.

Vegetation

8. Any proposed new trees or vegetation within 12 metres either side of the centreline of the MST-UHT A National Grid transmission line must not exceed 2 metres in height at full maturity and must comply with the Electricity (Hazards from Trees) Regulations 2003, or any subsequent revision of the regulations.

9. Any proposed new trees or vegetation outside of 12 metres either side of the centreline of the MST-UHT A National Grid transmission lines must be setback sufficiently to ensure the tree cannot fall within 4 metres of the National Grid transmission lines and must comply with the Electricity (Hazards from Trees) Regulations 2003, or any subsequent revision of the regulations.

Construction Management Plan

10. Prior to the commencement of the solar farm works, the consent holder shall prepare and submit to the Council for approval a Construction Management Plan (CMP) to ensure the protection of the MST – UHT A National Grid transmission lines and support structures. The CMP must be given to Transpower NZ Ltd for its certification at least 20 working days prior to being submitted to the Council.

    Note: The CMP should be sent to Transpower via PATAI Form 5: https://transpower.patai.co.nz/new-enquiry

11. The CMP must include the following (but is not limited to):

a) The name, experience and qualifications of the person/s nominated by the consent holder to supervise the implementation of, and adherence to, the CMP.
b) Construction drawings, plans, procedures, methods and measures to demonstrate that all construction activities undertaken on the site will meet the safe distances within the New Zealand Electrical Code of Practice for Electrical Safe Distances 2001 (NZECP 34: 2001) or any subsequent revision of the code; including (but not limited to) those relating to:
    i. Excavation and Construction near Towers (Section 2);
    ii. Building to conductor clearances (Section 3);
    iii. Ground to conductor clearances (Section 4);
    iv. Mobile Plant to conductor clearances (Section 5); and
    v. People to conductor clearances (Section 9).
c) Details of any areas that are "out of bounds" during construction and/or areas within which additional management measures are required, such as fencing off, entry and exit hurdles, maximum height limits, or where a safety observer may be required (a safety observer will be at the consent holder's cost.
d) Demonstrate how the existing transmission lines and support structures will remain accessible during and after construction activities;

e) Demonstrate how the effects of dust (including any other material potentially resulting from construction activities able to cause material damage beyond normal wear and tear) on the transmission lines will be managed;
f) Demonstrate how changes to the drainage patterns, runoff characteristics and stormwater will avoid adverse effects on the foundations of any support structure;
g) Demonstrate how construction activities that could result in ground vibrations and/or ground instability will be managed to avoid causing damage to the transmission lines, including support structures.
h) Details of proposed contractor training for those working near the transmission lines.

12. All activities are to be undertaken in accordance with the approved CMP.