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20 March 2019

Timaru District Council
C/ - BECA Ltd
P O Box 13960
Armagh Street
CHRISTCHURCH 8141

Attention: Paul Whyte

Dear Paul

Transpower New Zealand Limited: Notices of Requirement and Resource Consent Application

Further to Transpower's response to your further information request on behalf of the Timaru District Council, we write to advise of a number of minor amendments to the application plans and AEE lodged with the Council. These changes are intended to correct inconsistencies across the current application documentation. The changes are as follows:

1. Amendments to Conceptual Layout Plans in Appendix 2 and 3

The conceptual layout plans for the northern and southern substations and associated line connections in Appendix 2 and 3 of the AEE incorrectly showed the position of the substations, and specified incorrect dimensions. These have been corrected, including to ensure consistency with the conceptual substation plans that are also included in Appendix 2 and 3 of the AEE.

Amended layout plans are included as **Attachment 1** to this letter.

2. Amendment to Proposed Designation Plan for Northern Site in Appendix 4

The designation plan for the northern substation and associated line connections incorrectly showed the position of the northern substation and associated designation, and specified incorrect dimensions. These have been amended to ensure consistency with the amended layout plan for this site discussed in point 1 above.

An amended designation plan is included as **Attachment 2** to this letter.

3. Amendments to Landscape and Visual Assessment Graphic Supplement in Appendix 9

The plans in the graphic supplement in Appendix 9 of the AEE have been updated to ensure consistency with the amendments to the conceptual layout plans, and designation plan for the

northern substation discussed in points 1 and 2 above. This includes changes to the conceptual landscape mitigation plan for the northern substation site to ensure the same level of mitigation originally assessed in the landscape and visual assessment in the AEE.

An amended graphic supplement is included as **Attachment 3** to this letter.

4. Amendments to Sections 4.2.1 and 4.3.1 – Substation Dimensions/Areas

Section 4.2.1 of the original AEE specified the dimensions of the northern substation as being approximately 220m long, and 138m wide (an area of 30,360m²). These dimensions were incorrect and are inconsistent with the amended layout plan discussed in point 1 above. Consistent with the amended layout plan, the correct dimensions are approximately 240m long, and 170m wide (an area of 40,800m²).

Section 4.3.1 of the original AEE specified the dimensions of the southern substation as being approximately 240m long, and 138m wide (an area of 33,120m²). These dimensions were incorrect and are inconsistent with the amended layout plan discussed in point 1 above. Consistent with the amended layout plan, the correct dimensions are approximately 260m long, and 170m wide (an area of 44,200m²).

5. Amendment to Section 8.3 – Effects on Irrigation at Northern Site

Following ongoing discussions with the landowner at the northern substation site, it has become apparent that the current proposed location of the northern substation potentially constrains the movement of the outer edge of an existing pivot irrigator centred east of the substation. Accordingly, the following amendment is required to the 5th paragraph of section 8.3 of the AEE to recognise this:

The potential adverse effects on irrigation infrastructure have been avoided to the extent possible by selecting sites and developing conceptual design options that avoid such systems. The location of the Northern Substation and access corridor will, however, constrain two pivot irrigation systems, specifically:

- the full 360-degree circular movement of an existing pivot irrigator, centred southwest of the substation will be constrained. The effect of the substation and access will be to limit movement of the irrigator to approximately 220-degrees of movement. There will be no effects from the transmission line relocations on this irrigator, with new tower 391A on the BEN-ISL A line being positioned to not constrain movement of the irrigator.*
- The movement of the outer edge of an existing irrigator, centred east of the substation, will potentially be partially constrained. There will be no effects from the transmission line relocations on this irrigator.*

Effects on ~~this~~ these irrigators, including any necessary changes, will be addressed directly with the landowner through ongoing consultation as part of the land acquisition process for the Northern Substation.

Other than the amendments specified above, no other consequential amendments are required throughout the remainder of the application documents.



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Please contact me if you have any queries about these amendments.

Yours faithfully
TRANSPower NEW ZEALAND LIMITED

Matthew Curran
Environmental Planner

Attachments:

1. Amended conceptual layout plans
2. Amended designation plan for northern site
3. Amended landscape and visual assessment graphic supplement