

An update on Transpower's major capital proposal in the upper-North Island

28 March 2017

Background

The Security and Reliability Council (SRC) functions under the Electricity Industry Act 2010 (Act) include providing advice to the Electricity Authority (Authority) on security of supply matters.

The SRC has previously received papers that included the transmission security implications of retirement of thermal generation plant in the upper-North Island:

- Thermal generation decommissioning: Transpower's Upper North Island Operational Limits report (21 June 2016)¹
- Thermal generation decommissioning: Reports from Transpower assessing the situation and associated transmission investment options (15 March 2016)²
- Thermal generation decommissioning: The implications of announcements of thermal generation decommissioning on reliability of supply (22 October 2015).³

The SRC, at its 21 June 2016 meeting, created an action for the secretariat "...keep the SRC updated with the progress of Transpower's major capital project for voltage stability issues in the upper North Island. Updates of milestones should be provided until the investment decision is made in about October 2017."

For this agenda item, Transpower will provide a brief verbal update on its progress with evaluating transmission solutions in the upper-North Island. The purpose of this agenda item is to enable the SRC to keep abreast of any security or reliability implications arising from the decommissioning of thermal generation in the upper-North Island.

A Transpower representative will attend the 28 March 2017 SRC meeting, provide a brief presentation on progress and be available to answer any questions from the SRC.

The SRC may wish to consider the following questions.

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| <p>Q1. What questions, if any, does the SRC wish to ask of Transpower's representative?</p> <p>Q2. What further information, if any, does the SRC wish to have provided to it by the secretariat?</p> <p>Q3. What advice, if any, does the SRC wish to provide to the Authority?</p> |
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¹ Available from <http://www.ea.govt.nz/dmsdocument/20862>

² Available from <http://www.ea.govt.nz/dmsdocument/20848>

³ Available from <http://www.ea.govt.nz/dmsdocument/20053>