



TRANSPOWER



Customer Advice Notice

To: SO Notice NZ Participants

From: The System Operator

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Revision of:

Marton Transformer Overload Protection Scheme (MTN TOPS)

Transpower advises the commissioning of the Marton Transformer Overload Protection Scheme (MTN TOPS) on 30th of September 2026. The scheme provides automatic post-contingency overload protection for the Marton 110/33 kV transformers (T1 and T2). The scheme enables load growth in the region and the connection of new solar generation.

The MTN TOPS monitors transformer loading and power flow direction and will automatically reduce overloads following the loss of a transformer or associated circuit.

1. Under export conditions (Low Voltage to High Voltage), the scheme will initiate generation runback and, if required, disconnect generation to reduce transformer loading.
2. Under import conditions (High Voltage to Low Voltage), the scheme will initiate load shedding to reduce transformer loading.

The scheme is normally enabled under standard operating conditions. The scheme will be disabled when Marton is on N-security.