



TRANSPOWER



Customer Advice Notice

To: SO Notice NZ Participants

From: The System Operator

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Telephone: 0800 488 500

Ref: 800000217

Email: NMData@transpower.co.nz

Revision of:

Bream Bay Transformer Overload Protection Scheme (TOPS)

Transpower advises the commissioning of the Bream Bay Transformer Overload Protection Scheme (BRB TOPS) on the 31st of July 2026. The scheme will be turned on the 19th of August 2026.

The BRB TOPS is intended to protect the Bream Bay 220/33 kV transformers (T2 and T3) from post-contingent overloads by automatically reducing generation from the Ruakaka Solar and BESS plants. The scheme monitors transformer loading and provides staged responses when transformer loading exceeds the seasonal rating:

1. If a transformer overload is detected, a generation runback signal will be issued to reduce generation output.
2. If the overload persists, the scheme will trip generation connections to reduce transformer loading.

The scheme will be enabled under normal operating conditions and allows increased generation export while maintaining transformer loading following contingencies.