



## Customer Advice Notice

**To:** SO Notice NZ Participants

**From:** The System Operator

**Sent:** 26-may-2026 11:00

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**Revision of:**

### Manapouri Inter-trip Enabled Stability Constraint

Transpower as System Operator has identified a transient rotor angle stability (TRAS) risk involving Manapōuri Power Station during certain faults on nearby transmission circuits under certain system conditions. The risk of instability is higher during circuit outages.

From 01/07/2026, Transpower as System Operator will manage this risk of instability, when there are six or fewer Manapōuri generating units available to meet station dispatch, during the outages of one or more of the following transmission circuits:

MAN\_NMA\_1  
MAN\_NMA\_2  
MAN\_NMA\_3  
INV\_MAN\_2

Transpower as System Operator advises that when these conditions are met, the following currently applied permanent security constraint right-hand-side limit (RHS) will be adjusted from 880 MW to 700 MW, reducing the total export capability of Manapōuri Power Station.

#### MAN\_INTERTRIP\_ENABLED\_STABILITY\_P\_1

$1 * \text{MAN\_NMA1.1} + 1 * \text{MAN\_NMA2.1} + 1 * \text{MAN\_NMA3.1} + -1 * \text{INV\_MAN.1} \leq 880 \text{ MW}$

The effect of this constraint is to manage flows through Manapōuri – North Makarewa 1, Manapōuri – North Makarewa 2, Manapōuri – North Makarewa 3, and Invercargill – Manapōuri 2 for stability reasons when the Manapōuri intertrip scheme is Enabled.

Transpower as System Operator has published a document explaining this risk in more detail on the following website: [https://static.transpower.co.nz/public/bulk-upload/documents/MAN\\_TRAS\\_Management\\_Summary.pdf](https://static.transpower.co.nz/public/bulk-upload/documents/MAN_TRAS_Management_Summary.pdf)

If you have queries, please email [OPS.Planner@transpower.co.nz](mailto:OPS.Planner@transpower.co.nz). For further information on existing constraints, go to:

<https://www.transpower.co.nz/system-operator/information-industry/operational-information-system/security-constraints>

A revision of this notice will be issued if there is any change to the situation above.