



TRANSPOWER



Customer Advice Notice

To: SO Notice NZ Participants

From: The System Operator

Sent: 01-oct-2026 15:40

Telephone: 0800 488 500

Ref: 800000383

Email: NMData@transpower.co.nz

Revision of:

Manapouri Inter-trip Enabled Stability Constraint - Revision of Notice 8000000148 Sent 26/05/2026

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 * MAN_NMA1.1 + 1 * MAN_NMA2.1 + 1 * MAN_NMA3.1 + 1 * INV_MAN.1 <= 880 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 advises that from 5 October 2026, when these conditions are met, a new market node constraint will be applied to limit the output of Manapōuri station to 700 MW.

MAN2201 MAN0 MW_Max

1 * MAN2201 MAN0 ENOF <= 700 MW

The effect of this constraint is to limit the export of Manapōuri station for stability reasons.

Transpower as System Operator has updated a document explaining this risk and the adjusted management approach in more detail on the following website: 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. For further information on existing constraints, go to:

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