



NETWORK EXPORT CONGESTION

Current as of 23 January 2026

Top Energy Distribution Network

Due to the significant interest in distributed generation in the Far North there are now areas of congestion that need to be assessed as part of any new applications for distributed generation. It is strongly recommended that all parties considering installing distributed generation over 100kW in the Far North engage in discussions with Top Energy and these will be evaluated on a case-by-case basis.

Utility Scale Export (> 1MW)

Currently there are 3 solar farms connected to the Top Energy network consuming the full export capacity of the Kaikohe (KOE) to Kaitaia (KTA) 110kV circuit. New applicants should be advised that any additional injection into the KOE-KTA 110 kV circuit will be subject to significant constraints during peak export times, managed according to the Top Energy Congestion Policy. Network upgrades to alleviate this constraint will be subject to our capital contribution policy.

Note: There are potentially additional Transpower constraints south of Kaikohe that could impact Far North distributed generation.

Liaison with Transpower is advised to determine the feasibility of a proposed utility scale project.