

Electricity Distribution Services Reconciliation Loss Factors

From 1 November 2024

We have updated the loss factor for a new embedded generation connected to our network. The reconciliation loss factor is calculated in line with the Electricity Industry Participation Code.

The loss code applicable to each ICP on our network is determined by the voltage and location of the metering for each ICP within the network and have been derived from load-flow modelling of power transformers, sub-transmission circuits, high voltage meters, distribution transformers, and the low voltage distribution network.

Loss Category Code	Metering Voltage	Description	Reconciliation Loss Factor	
			1 June 2024	1 November 2024
L0	33kV	Metered at GXP	1.000	1.000
L1	33kV	ICP 0000546037NR9E6	1.017	1.017
L2	11kV	Metered at 11kV	1.0484	1.0484
L3	400V	150kVA and above, metered near the distribution transformer	1.0606	1.0606
L4	400v	Not currently used	1.0764	1.0764
L5	230/400v	Less than 150kVA, metered in the LV distribution network	1.0764	1.0764
L6	33kV	ICP 0000546038NR638	1.005	1.005
G1	33kV	Wairua generation	1.025 Gen 1.016 Cons	1.025 Gen 1.016 Cons
G2	11kV	Bream Bay generation	1.004 Gen 1.001 Cons	1.004 Gen 1.001 Cons
G3	11kV	Naumai solar generation	0.9585 Gen 1.0484 Cons	0.9585 Gen 1.0484 Cons
G4	33kV	NP Ruawai solar generation	N/A	0.9132 Gen 1.015 Cons