



**Top Energy Limited**

Level 2, John Butler Centre  
60 Kerikeri Road  
P O Box 43  
Kerikeri 0245  
New Zealand  
PH +64 (0)9 401 5440  
FAX +64 (0)9 407 0611

## Top Energy Loss Factors

In accordance with the Electricity Industry Participation Code, Top Energy has reviewed the Loss Factors applicable to ICP's on the Top Energy Electricity Distribution Network.

Top Energy's customers are metered at low and medium voltage. For each of these voltages a Loss Factor Code is calculated. *Table 1* below indicates the Loss Factor values applicable to each Loss Factor Code from 1 April 2026. These have been derived from load-flow modelling of the entire network including power transformers, sub-transmission circuits, high voltage feeders, distribution transformers and low voltage distribution reconciliation losses.

To ensure consistency and minimise fluctuations, two-yearly data of energy injection and sales was used in the calculation of the Low Voltage loss factor.

**Table 1 Loss Factor Codes and Loss Factors for Top Energy's Network April 2026 to March 2027**

Loss Factor Code	Registry Loss Code	Applied to Customer Connected to	Loss Factor Consumption	Loss Factor Generation
RLF D	GLV	LV Network 230/400V	1.1267	n/a
RLF I1 (JNL)	IND1	JNL	1.0081	n/a
RLF I2 (AFFCO)	IND2	AFFCO	1.0169	n/a
RLF G1 (NGA)	GEN1	Ngawha Generation A (25 MW)	1.0048	0.9970
RLF G2 (NGB)	GEN2	Ngawha Generation B (31MW)	1.0048	0.9977
RLF G5 (KTS)	KSF	Kaitaia Solar Farm (23.7MW)	1.0048	0.9683
RLF G (PSF)	PSF	Pukenui Solar Farm (17.16MW)	1.0048	0.9053
RLF G (TRS)	TRS	Twin Rivers Solar Farm (24MW)	1.0048	0.9663