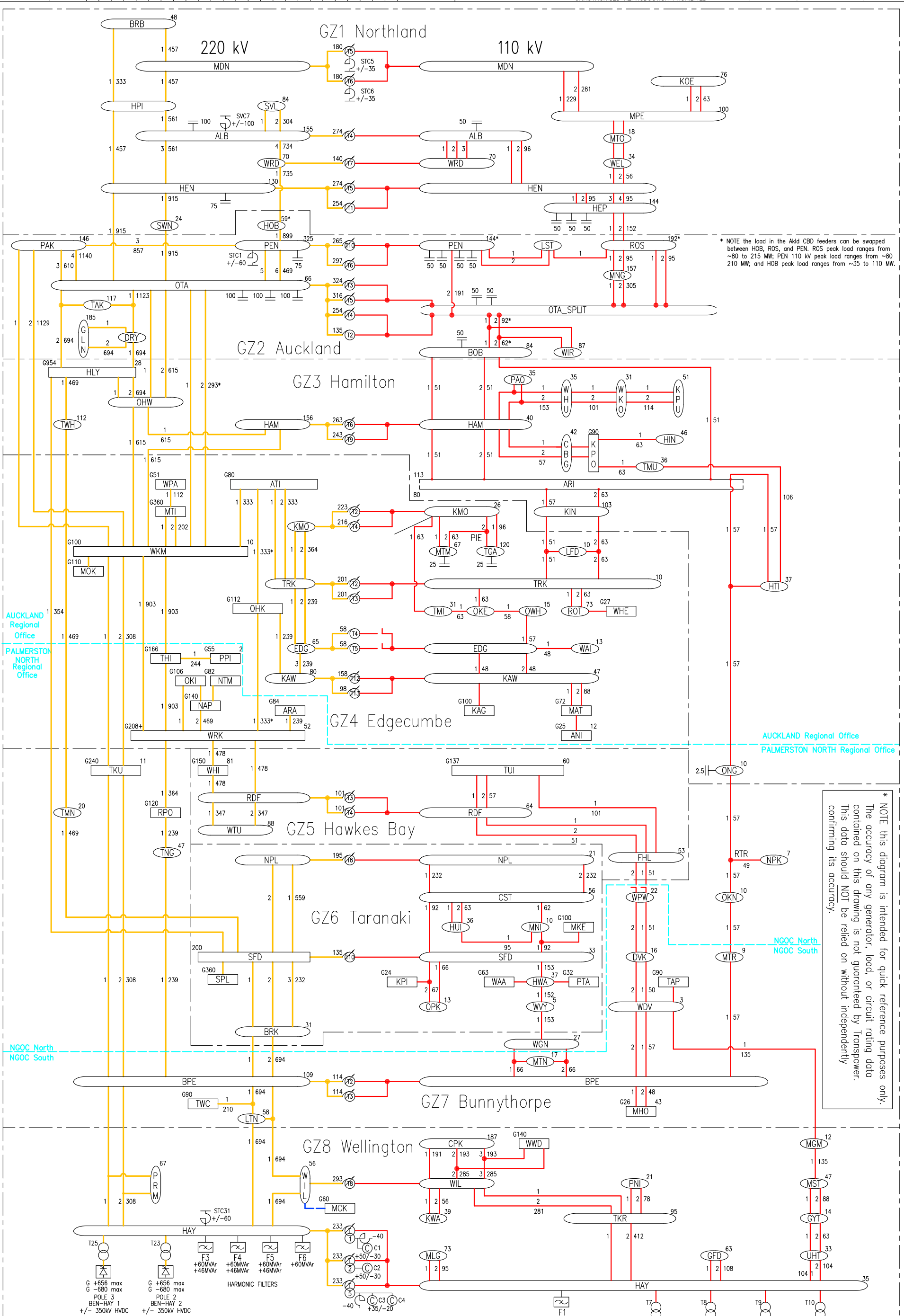


ISSUE	1	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ
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AMENDMENT	AR	UPDATED	BY	CH/D	APP	DATE
	AK	DRY added MDN I/C Taps reinforced Loads rating info updated.	TN	BP	BP	07/08
AMENDMENT	AL	PAK 220 kV added, loads ratings updated.	TN	BP	BP	02/12
			TN	BP	BP	07/13
AMENDMENT		PKM, WKM 1 & 2, THY, HAY HVDC CHANGES ADDED, LOADS, RATINGS	AM	MM	GS	01/06
			AM	MM	GS	07/14
AMENDMENT		MAAN CAJATES, WPK, WKM C LINE ADDED, LOADS, RATINGS UPDATED.	AM	MM	GS	02/16
		PKM CONNECTION TO 220 kV, KOE, KTA, KEN, OS, & WRA REMOVED.	AM	MM	GS	02/17
AMENDMENT		HIT, TMU 1 ADDED, LOADS, RATINGS UPDATED.	AM	MM	GS	02/17
			AM	MM	GS	07/18



* NOTE the load in the Akid CBD feeders can be swapped between HOB, ROS, and PEN. ROS peak load ranges from ~80 to 215 MW; PEN 110 kV peak load ranges from ~80 to 210 MW; and HOB peak load ranges from ~35 to 110 MW.

* NOTE this diagram is intended for quick reference purposes only. The accuracy of any generator, load, or circuit rating data contained on this drawing is not guaranteed by Transpower. This data should NOT be relied on without independently confirming its accuracy.

LEGEND	220 kV Lines 110 kV Lines 50 kV Lines Regional Boundary Transmission Circuit No. Summer Conductor rating (MVA) Circuit forms part of VLR Trial	Harmonic Filter Power Station (showing generation MW) Substation (Showing peak load MW Aug 15 - Aug 16) On Load Tap Change Transformer Interconnecting Transformer 100MVA Rating	HVDC Thyristor Converter Operational System Split Rotary Condenser Rating -15 to +30 MVAR Static Capacitor - Two Stages Switchable MVAR
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TRANSPOWER
 NORTH ISLAND POWER SYSTEM DIAGRAM
 LOADFLOW TRANSMISSION LINE RATINGS
 AND SUBSTATION LOADS
 NIPS-6
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