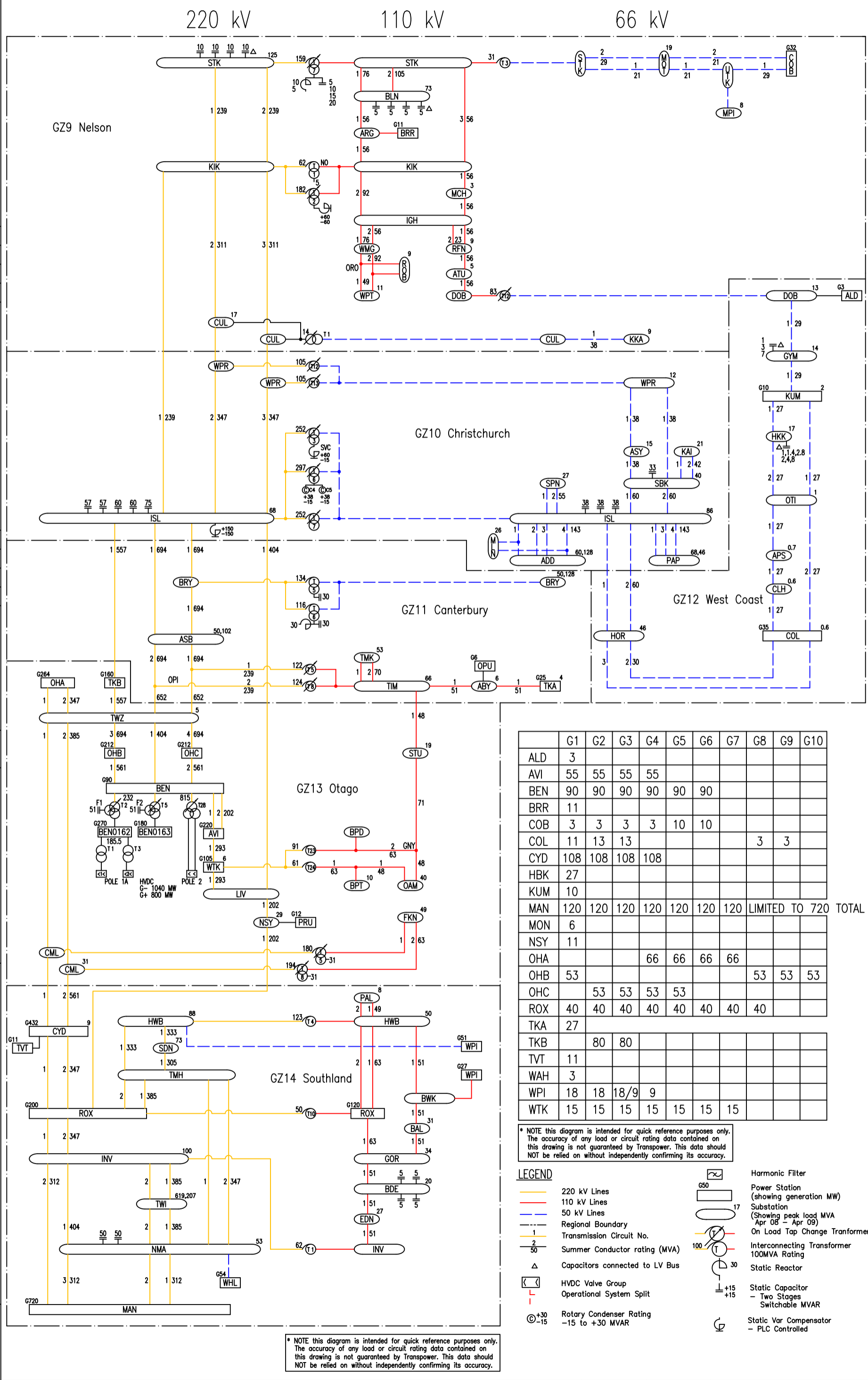


ISSUE	I	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AR	AS	AT	AU	AV	AW	AX	AY	AZ
AP. C.																										

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AJ	LOADS, RATINGS UPDATED, HKK CAPS, ISL SVC, KIK STATIONS	BY	CH/D	APP	DATE
	ADDED, MINOR CORRECTIONS	TN			
AJ	TRANS POWER SYSTEM TRANSMISSION LOADFLOW TRANSMISSION LINE RATINGS AND SUBSTATION LOADS	ISSUE	SIPS-6		
		DATE OF CURRENT ISSUE	08/10		



	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
ALD	3									
AVI	55	55	55	55						
BEN	90	90	90	90	90	90				
BRR	11									
COB	3	3	3	3	10	10				
COL	11	13	13					3	3	
CYD	108	108	108	108						
HBK	27									
KUM	10									
MAN	120	120	120	120	120	120	120	LIMITED TO 720	TOTAL	
MON	6									
NSY	11									
OHA				66	66	66	66			
OHB	53							53	53	53
OHC		53	53	53	53					
ROX	40	40	40	40	40	40	40	40		
TKA	27									
TKB		80	80							
TVT	11									
WAH	3									
WPI	18	18	18/9	9						
WTK	15	15	15	15	15	15	15			

* NOTE this diagram is intended for quick reference purposes only. The accuracy of any 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)
- Capacitors connected to LV Bus
- HVDC Valve Group
- Operational System Split
- Rotary Condenser Rating -15 to +30 MVAR
- Harmonic Filter
- Power Station (showing generation MW)
- Substation (Showing peak load MVA Apr 08 - Apr 09)
- On Load Tap Change Transformer
- Interconnecting Transformer 100MVA Rating
- Static Reactor
- Static Capacitor - Two Stages Switchable MVAR
- Static Var Compensator - PLC Controlled

* NOTE this diagram is intended for quick reference purposes only. The accuracy of any 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.