

220 kV

110 kV

66 kV

GZ9 Nelson

GZ10 Christchurch

GZ11 Canterbury

GZ13 Otago

GZ14 Southland

Power Station (Showing generation MW)

Substation (Showing peak MA Apr '03 to Apr '04)

220 kV Lines

110 kV Lines

66 kV Lines

Transmission Line No

Summer Conductor Rating (MA)

Rotary Condenser

Static Capacitor

Static Var Compensator

PLC Controlled

Static Reactor

Interconnecting Transformers

Operational System

Capacitors connected to LV Bus

DRAWN	CHECKED	REC. FOR ISSUE	APP. FOR ISSUE	DATE OF CURRENT ISSUE
I. D. McKay	D. G. Renner	D. G. Renner	C. P. Bull	6/05

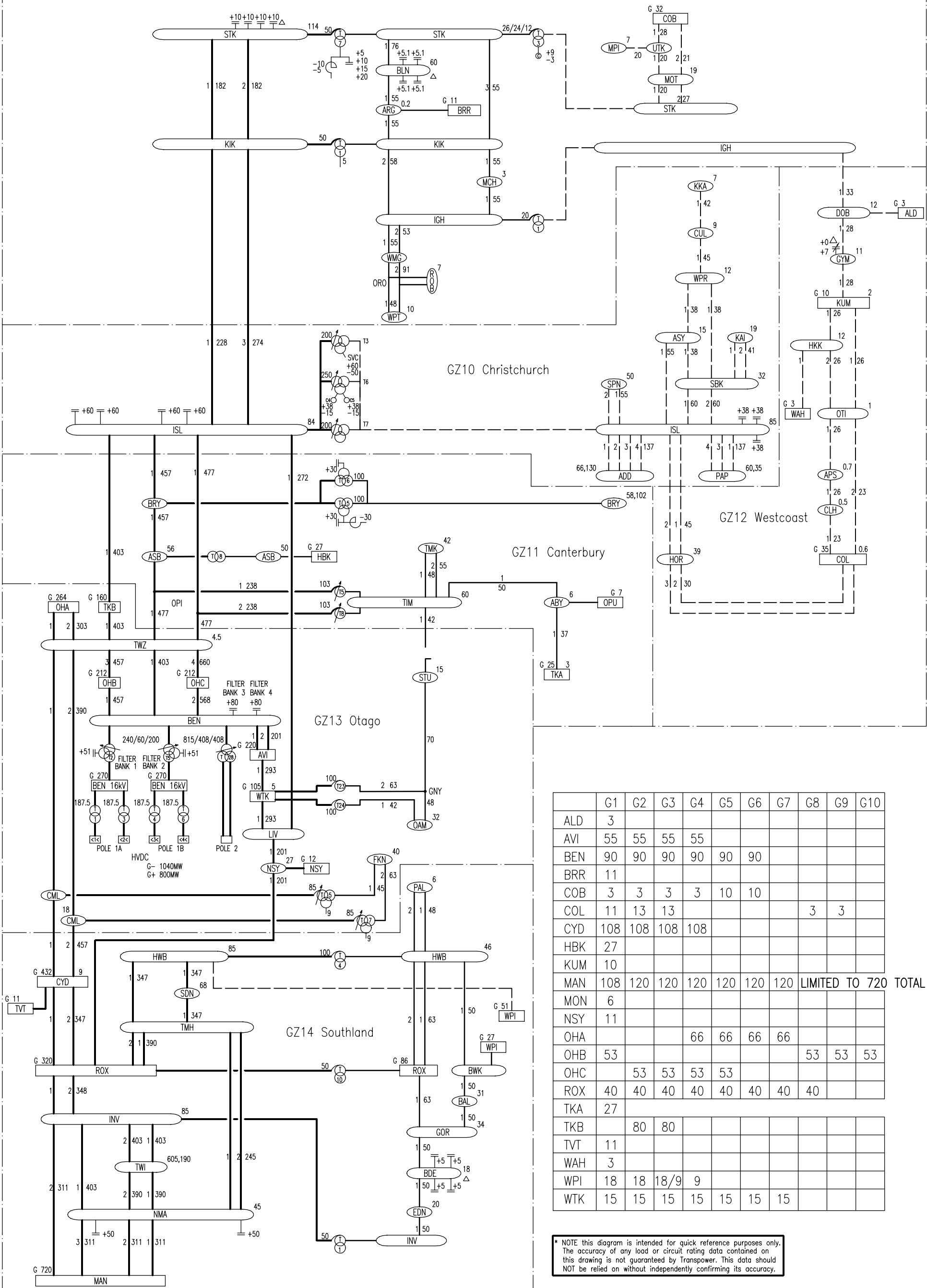
TRANSPOWER

S.I.P.S. LOADFLOW TRANSMISSION LINE RATINGS AND SUBSTATION LOADS

TRANS POWER TRANSMISSION

S.I.P.S.-6

FOR AMENDMENTS SEE SPS-7



	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	108	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.