ISSUE	–	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z
AP. C.		/																							

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	Amendment	BY	CH'D	APP	Date
H	AMENDMENT TO KOE, HEN, ROS, OTA, HAM, TRK, KAW, ARI, ATI, WPW, & PNI.	TN	BP	GS	6/02
J	GENERAL UPDATE	BP	MM	GS	3/04
AB	TRANSFORMER RATINGS CHANGED TO MAX CONT RATING AS PER TXFR RATING			GS	05/04
	SPREADSHEET. RATINGS NOW REFLECT LIMITING COMPONENT RATHER THAN NOMINAL TXFR RATING. REV NO CHANGED TO MATCH OTHER NIPS.				
F	RATINGS UPDATED, TWH T1 & T2, WIL T4, WRK T30 ADDED				
G	HEN T2 & T3 RATINGS CHANGED, PEN T2–T5 & TUI T8, T9, T10 REMOVED, ROS T4 & OTA T5, KTA T5 & KIN T5, WRA T1, T2 & T3 ADDED. HEN T1 ADDED.	BP			5/05
		BLM			7/00
					10/01
	DRAWN D Chapman				1/95
	CHECKED S Mutton				1/95
	REC. ISSUE S Mutton				1/95
	APP. ISSUE P Clark				1/95

TRANSPOWER

TRANS POWER TRANSMISSION

NORTH ISLAND POWER SYSTEM
SUBSTATION TRANSFORMER
RATING TABLE

NIPS–8

ISSUE AC

Abbr	Station	System No.	Voltage (kV)	MVA 3 Phase	TC
ALB	Albany	T4	220/110/11	200	OLTC
ALB	Albany	T3	220/33	100	OLTC
ALB	Albany	T6	220/33	100	OLTC
BOB	Bombay	T2	110/33	30	Off
BOB	Bombay	T3	110/33	30	Off
BRB	Bream Bay	T2	220/33	54	OLTC
BRB	Bream Bay	T3	220/33	54	OLTC
BRK	Brunswick	T1	220/33	39	Off
BPE	Bunnythorpe	T1	220/110/11	51	Off
BPE	Bunnythorpe	T2	220/110/11	51	Off
BPE	Bunnythorpe	T3	220/110/11	51	Off
BPE	Bunnythorpe	T9	220/33	83	OLTC
BPE	Bunnythorpe	T10	220/33	83	OLTC
BPE	Bunnythorpe	T15	220/55	18	OLTC
BPE	Bunnythorpe	T16	220/55	15	OLTC
CBG	Cambridge	T3	110/11	38	OLTC
CBG	Cambridge	T4	110/11	38	OLTC
CST	Carrington St	T1	110/11	10	OLTC
CST	Carrington St	T4	110/11	10	OLTC
CST	Carrington St	T2	110/33	30	Off
CST	Carrington St	T3	110/33	30	Off
CPK	Central Park	T1	110/11	30	OLTC
CPK	Central Park	T2	110/11	30	OLTC
CPK	Central Park	T3	110/33	100	OLTC
CPK	Central Park	T4	110/33	100	OLTC
DVK	Dannevirke	T1	110/11	10	OLTC
DVK	Dannevirke	T2	110/11	10	OLTC
DAR	Dargaville	T1	50/11	7.5	OLTC
DAR	Dargaville	T2	50/11	7.5	OLTC
EDG	Edgecumbe	T4	220/110/11	50	Off
EDG	Edgecumbe	T5	220/110/11	50	Off
EDG	Edgecumbe	T7	220/33	50	Off
EDG	Edgecumbe	T8	220/33	50	Off
FHL	Fernhill	T1	110/33	30	Off
FHL	Fernhill	T2	110/33	50	Off
GIS	Gisborne	T3	110/50	30	Off
GIS	Gisborne	T4	110/50	30	Off
GLN	Glenbrook	T4	220/33	129	OLTC
GLN	Glenbrook	T5	220/33	129	OLTC
GLN	Glenbrook	T6	220/33	129	OLTC
GFD	Gracefield	T5	110/33	68	OLTC
GFD	Gracefield	T6	110/33	68	OLTC
GYT	Greytown	T2	110/33	20	OLTC
GYT	Greytown	T3	110/33	20	OLTC
HAM	Hamilton	T1	110/11	40	OLTC
HAM	Hamilton	T2	110/11	40	OLTC
HAM	Hamilton	T4	220/33	100	OLTC
HAM	Hamilton	T5	220/33	100	OLTC
HAM	Hamilton	T6	220/110	200	OLTC
HAM	Hamilton	T7	220/55	15	OLTC
HAM	Hamilton	T8	220/55	18	OLTC
HAM	Hamilton	T9	220/110	200	OLTC
HTI	Hangatiki	T1	110/33	20	Off
HTI	Hangatiki	T2	110/33	20	Off
HWA	Hawera	T1	110/33	30	Off
HWA	Hawera	T2	110/33	30	Off
HAY	Haywards	T1	220/110/11	216/200/80	OLTC
HAY	Haywards	T2	220/110/11	210/200/80	OLTC
HAY	Haywards	T5	220/110/11	216/200/80	OLTC
HAY	Haywards	T11	110/11	20	OLTC
HAY	Haywards	T12	110/33	20	Off
HAY	Haywards	T22	220/11	10	OLTC
HAY	Haywards	T7	98.5/110/11	172/150/66	Off
HAY	Haywards	T8	98.5/110/11	172/150/66	Off
HAY	Haywards	T9	98.5/110/11	172/150/66	Off
HAY	Haywards	T10	98.5/110/11	172/150/66	Off
HAY	Haywards	T23	220/144/144	815/408/408	OLTC
HEN	Henderson	T1	220/110/11	200	OLTC
HEN	Henderson	T2	220/33	120	Off
HEN	Henderson	T3	220/33	120	Off
HEN	Henderson	T5	220/110/11	200	OLTC
HEP	Hepburn Rd	T1	110/33	85	OLTC
HEP	Hepburn Rd	T2	110/33	100	Off
HIN	Hinuera	T1	110/33	30	Off
HIN	Hinuera	T2	110/33	50	Off
HUI	Huirangi	T5	110/33	20	Off
HUI	Huirangi	T6	110/33	20	Off
KOE	Kaikohe	T2	110/33/11	30	Off
KOE	Kaikohe	T3	110/33	39	Off
KTA	Kiataia	T4	110/33	20	Off
KTA	Kaitaia	T5	110/33	13	Off
KWA	Kaiwharawhara	T1	110/11	40	OLTC
KWA	Kaiwharawhara	T2	110/11	40	OLTC
KAW	Kawerau	T1	110/11	20	OLTC
KAW	Kawerau	T2	110/11	20	OLTC
KAW	Kawerau	T4	110/11	30	OLTC
KAW	Kawerau	T6	110/11	45	OLTC
KAW	Kawerau	T7	110/11	45	OLTC
KAW	Kawerau	T8	110/11	34	OLTC
KAW	Kawerau	T9	110/11	60	OLTC
KAW	Kawerau	T11	220/11	100	OLTC
KAW	Kawerau	T12	220/110	80	OLTC
KAW	Kawerau	T13	220/110	80	OLTC
KAW	Kawerau	T14	220/11	100	OLTC
KEN	Kensington	T1	110/33	50	Off
KEN	Kensington	T2	110/33	50	Off
KIN	Kinleith	T1A	110/11	30	OLTC
KIN	Kinleith	T2	110/11	30	OLTC
KIN	Kinleith	T3A	110/11	10	OLTC
KIN	Kinleith	T3B	110/11	20	OLTC
KIN	Kinleith	T4	110/33	30	Off
KIN	Kinleith	T5	110/11/33	50/20/30	OLTC
KPU	Kopu	T3	110/66	45	OLTC
KPU	Kopu	T4	110/66	45	OLTC
LFD	Lichfield	T1	110/11	10/20	OLTC
LFD	Lichfield	T2	110/11	10/20	OLTC
LTN	Linton	T2	220/33	82	OLTC
LTN	Linton	T3	220/33	81	OLTC
MHO	Mangahao	T3	110/33	30	Off
MHO	Mangahao	T4	110/33	30	Off
MGM	Mangamaire	T2	110/33	27	OLTC
MGM	Mangamaire	T3	110/33	27	OLTC
MNG	Mangere	T1	110/33	108	Off
MNG	Mangere	T2	110/33	108	Off
MDN	Marsden	T1	220/110/14.4	142	OLTC
MDN	Marsden	T2	220/110/14.4	142	OLTC
MTN	Marton	T1	110/33	20	Off
MTN	Marton	T2	110/33	20	Off
MST	Masterton	T1	110/33	30	Off
MST	Masterton	T2	110/33	30	Off
MTR	Mataroa	T2	110/33	20	Off
MPE	Maungatapere	T1	110/50	10	Off
MPE	Maungatapere	T2	110/33/11	30	Off
MPE	Maungatapere	T3	110/50	30	Off
MPE	Maungatapere	T4	110/33	30	Off
MTO	Maungaturoto	T1	110/33	20	OLTC
MTO	Maungaturoto	T2	110/33	20	OLTC
MLG	Melling	T1	110/11	25	OLTC
MLG	Melling	T2	110/11	25	OLTC
MLG	Melling	T3	110/33	50	Off
MLG	Melling	T4	110/33	50	Off
MNI	Motunui	T3	110/11	23	OLTC
MNI	Motunui	T4	110/11	23	OLTC
MTM	Mt Maunganui	T1	110/11	10	OLTC
MTM	Mt Maunganui	T2	110/33	20	Off
MTM	Mt Maunganui	T3	110/11	10	OLTC
MTM	Mt Maunganui	T4	110/33	40	OLTC
ROS	Mt Roskill	T2	110/22	70	OLTC
ROS	Mt Roskill	T3	110/22	50	OLTC
ROS	Mt Roskill	T4	110/22	70	OLTC
ROS	Mt Roskill	LST Cable	110	150	–
ROS	Mt Roskill	KLD Cables	110	60	–
NPK	National Park	T1	110/33	10	Off
NPL	New Plymouth	T6	110/33	30	Off
NPL	New Plymouth	T7	110/33	30	Off
NPL	New Plymouth	T8	220/110/11	200	OLTC
OKN	Ohakunue	T1	110/11	10	OLTC
ONG	Ongarue	T1	110/33	20	Off
OPK	Opunake	T4	110/33	14	OLTC
OPK	Opunake	T5	110/33	14	OLTC
OTA	Otahuhu	T2	220/110/11	100	Off
OTA	Otahuhu	T3	220/110/11	250	OLTC
OTA	Otahuhu	T4	220/110/11	200	OLTC
OTA	Otahuhu	T5	220/110	250	OLTC
OTA	Otahuhu	T11	220/22	50	OLTC
OTA	Otahuhu	T12	220/22	50	OLTC
OWH	Owhata	T1	110/11	10	OLTC
OWH	Owhata	T2	110/11	10	OLTC
PAK	Pakuranga	T5	110/33	120	Off
PAK	Pakuranga	T6	110/33	120	OLTC
PRM	Paraparaumu	T3	110/33	48	OLTC
PRM	Paraparaumu	T4	110/33	48	OLTC
PNI	Pauatahanui	T1	110/33	20	Off
PNI	Pauatahanui	T2	110/33	20	Off
PEN	Penrose	T8	220/33	160	OLTC
PEN	Penrose	T9	220/33	160	OLTC
PEN	Penrose	T11	220/33	200	OLTC
PEN	Penrose	T10	220/110/11	200	OLTC
PEN	Penrose	Quay St	110	60	–
RDF	Redclyffe	T1	110/33	40	Off
RDF	Redclyffe	T2	110/33	50	Off
RDF	Redclyffe	T3	220/110	80	OLTC
RDF	Redclyffe	T4	220/110	80	OLTC
ROT	Rotorua	T2	110/33	60	OLTC
ROT	Rotorua	T3	110/11	20	OLTC
ROT	Rotorua	T4	110/11	20	OLTC
ROT	Rotorua	T5	110/33	60	OLTC
SVL	Silverdale	T1	220/33	100	OLTC
SFD	Stratford	T5	110/33	20	Off
SFD	Stratford	T6	110/33	20	Off
SFD	Stratford	T10	220/110/11	100	OLTC
TAK	Takanini	T5	220/33	123	OLTC
TAK	Takanini	T8	220/33	123	OLTC
TKR	Takapu Rd	T1	110/33	90	OLTC
TKR	Takapu Rd	T2	110/33	90	OLTC
TNG	Tangiwai	T2	220/55	15	OLTC
TNG	Tangiwai	T3	220/55	18	OLTC
TNG	Tangiwai	T11	220/11	48	OLTC
TNG	Tangiwai	T12	220/11	48	OLTC
TRK	Tarukenga	T1	220/110/11	200	Off
TRK	Tarukenga	T2	220/110/11	200	Off
TRK	Tarukenga	T4	110/11	20	OLTC
TMN	Taumarunui	T5	220/55	18	OLTC
TMN	Taumarunui	T8	220/55	15	OLTC
TGA	Tauranga	T1	110/11	30	OLTC
TGA	Tauranga	T2	110/11	30	OLTC
TGA	Tauranga	T3	110/33	41	OLTC
TGA	Tauranga	T4	110/33	30	Off
TMU	Te Awamutu	T1	110/11	40	OLTC
TMU	Te Awamutu	T2	110/11	40	OLTC
TKH	Te Kaha	T1	50/11	2	Off
TWH	Te Kowhai	T1	220/33	100	OLTC
TWH	Te Kowhai	T2	220/33	100	OLTC
TMI	Te Matai	T1	110/33	30	Off
TKU	Tokaanu	T21	220/33	20	Off
TKU	Tokaanu	T22	220/33	20	Off
TUI	Tuai	T15	110/11	2	OLTC
UHT	Upper Hutt	T1	110/33	37	Off
UHT	Upper Hutt	T2	110/33	37	Off
WHU	Waihou	T1	110/33	20	Off
WHU	Waihou	T2	110/33	20	Off
WHU	Waihou	T3	110/33	20	Off
WKO	Waikino	T1	110/33	30	Off
WKO	Waikino	T2	110/33	30	Off
WAI	Waiotahi	T1	110/11	10	OLTC
WAI	Waiotahi	T2	110/11	10	OLTC
WAI	Waiotahi	T3	11/50	2.7	OLTC
WPW	Waipawa	T1	110/33	20	Off
WPW	Waipawa	T2	110/33	25	Off
WRK	Wairakei	T29	220/33	50	Off
WRK	Wairakei	T30	220/33	50	Off
WRA	Wairoa	T1	110/11	10	OLTC
WRA	Wairoa	T2	110/11	10	OLTC
WGN	Wanganui	T1	110/33	30	Off
WGN	Wanganui	T2	110/33	20	Off
WVY	Waverly	T2	110/11	4.5	OLTC
WEL	Wellsford	T1	110/33	30	Off
WEL	Wellsford	T2	110/33	30	Off
WES	Western Rd	T1	110/33	30	Off
WTU	Whakatu	T3	220/33	81	OLTC
WTU	Whakatu	T4	220/33	81	OLTC
WHI	Whirinaki	T1	220/11	60	OLTC
WHI	Whirinaki	T2	220/11	60	OLTC
WHI	Whirinaki	T3	220/11	60	OLTC
WIL	Wilton	T3	220/33	100	OLTC
WIL	Wilton	T4	110/33	59	OLTC
WIL	Wilton	T5	220/33	100	OLTC
WIL	Wilton	T8	220/110/11	110	OLTC
WIR	Wiri	T1	110/33	81	Off
WIR	Wiri	T2	110/33	81	OLTC
WDV	Woodville	T1	110/11	4.5	Off