

Abbr	Station	System No.	Voltage (kV)	MVA 3 Phase	TC	Abbr	Station	System No.	Voltage (kV)	MVA 3 Phase	TC
ALB	Albany	T4	220/110/11	200	OLTC	MPE	Maungatapere	T1	110/50	10	Off
ALB	Albany	T3	220/33	100	OLTC	MPE	Maungatapere	T2	110/33/11	30	Off
ALB	Albany	T6	220/33	100	OLTC	MPE	Maungatapere	T3	110/50	30	Off
						MPE	Maungatapere	T4	110/33	30	Off
						MTO	Maungaturoto	T1	110/33	20	OLTC
BOB	Bombay	T2	110/33	30	Off	MTO	Maungaturoto	T2	110/33	20	OLTC
BOB	Bombay	T3	110/33	30	Off	MLG	Melling	T1	110/11	25	OLTC
BRB	Bream Bay	T2	220/33	54	OLTC	MLG	Melling	T2	110/11	25	OLTC
BRB	Bream Bay	T3	220/33	54	OLTC	MLG	Melling	T3	110/33	50	Off
BRK	Brunswick	T1	220/33	39	Off	MLG	Melling	T4	110/33	50	Off
BPE	Bunnythorpe	T1	220/110/11	50	Off	MNI	Motunui	T3	110/11	23	OLTC
BPE	Bunnythorpe	T2	220/110/11	50	Off	MNI	Motunui	T4	110/11	23	OLTC
BPE	Bunnythorpe	T3	220/110/11	50	Off	MTM	Mt Maunganui	T1	110/11	10	OLTC
BPE	Bunnythorpe	T9	220/33	83	OLTC	MTM	Mt Maunganui	T2	110/33	20	Off
BPE	Bunnythorpe	T10	220/33	83	OLTC	MTM	Mt Maunganui	T3	110/11	10	OLTC
BPE	Bunnythorpe	T15	220/55	18	OLTC	MTM	Mt Maunganui	T4	110/33	40	OLTC
BPE	Bunnythorpe	T16	220/55	15	OLTC	ROS	Mt Roskill	T2	110/22	70	OLTC
CBG	Cambridge	T3	110/11	38	OLTC	ROS	Mt Roskill	T3	110/22	50	OLTC
CBG	Cambridge	T4	110/11	38	OLTC	ROS	Mt Roskill	T4	110/22	70	OLTC
CST	Carrington St	T1	110/11	10	OLTC	ROS	Mt Roskill	LST Cable	110	150	-
CST	Carrington St	T4	110/11	10	OLTC	ROS	Mt Roskill	KLD Cables	110	60	-
CST	Carrington St	T2	110/33	30	Off	NPK	National Park	T1	110/33	10	Off
CST	Carrington St	T3	110/33	30	Off	NPL	New Plymouth	T6	110/33	30	Off
CPK	Central Park	T11	33/11	25	OLTC	NPL	New Plymouth	T7	110/33	30	Off
CPK	Central Park	T12	33/11	25	OLTC	NPL	New Plymouth	T8	220/110/11	200	OLTC
CPK	Central Park	T3	110/33	100	OLTC	OKN	Ohakunue	T1	110/11	10	OLTC
CPK	Central Park	T4	110/33	100	OLTC	ONG	Ongarue	T1	110/33	20	Off
CPK	Central Park	T5	110/33	120	OLTC	OPK	Opunake	T4	110/33	14	OLTC
DVK	Dannevirke	T1	110/11	20	OLTC	OPK	Opunake	T5	110/33	14	OLTC
DVK	Dannevirke	T2	110/11	20	OLTC	OTA	Otahuju	T2	220/110/11	100	Off
DAR	Dargaville	T1	50/11	8	OLTC	OTA	Otahuju	T3	220/110/11	250	OLTC
DAR	Dargaville	T2	50/11	8	OLTC	OTA	Otahuju	T4	220/110/11	200	OLTC
EDG	Edgecumbe	T4	220/110/11	50	Off	OTA	Otahuju	T5	220/110	250	OLTC
EDG	Edgecumbe	T5	220/110/11	50	Off	OTA	Otahuju	T11	220/22	50	OLTC
EDG	Edgecumbe	T7	220/33	50	Off	OTA	Otahuju	T12	220/22	50	OLTC
EDG	Edgecumbe	T8	220/33	50	Off	OWH	Owhata	T1	110/11	10	OLTC
FHL	Fernhill	T1	110/33	30	Off	OWH	Owhata	T2	110/11	10	OLTC
FHL	Fernhill	T2	110/33	50	Off						
GIS	Gisborne	T3	110/50	30	Off	PAK	Pakuranga	T5	110/33	120	Off
GIS	Gisborne	T4	110/50	30	Off	PAK	Pakuranga	T6	110/33	120	OLTC
GLN	Glenbrook	T4	220/33	129	OLTC	PRM	Paraparaumu	T3	110/33	60	OLTC
GLN	Glenbrook	T5	220/33	129	OLTC	PRM	Paraparaumu	T4	110/33	60	OLTC
GLN	Glenbrook	T6	220/33	129	OLTC	PNI	Paatahanui	T1	110/33	20	Off
GFD	Gracefield	T5	110/33	85	OLTC	PNI	Paatahanui	T2	110/33	20	Off
GFD	Gracefield	T6	110/33	85	OLTC	PEN	Penrose	T8	220/33	160	OLTC
GYT	Greytown	T2	110/33	20	OLTC	PEN	Penrose	T9	220/33	160	OLTC
GYT	Greytown	T3	110/33	20	OLTC	PEN	Penrose	T11	220/33	200	OLTC
HAM	Hamilton	T1	110/11	40	OLTC	PEN	Penrose	T10	220/110/11	200	OLTC
HAM	Hamilton	T2	110/11	40	OLTC	PEN	Penrose	Quay St	110	60	-
HAM	Hamilton	T4	220/33	100	OLTC	RDF	Redclyffe	T1	110/33	40	Off
HAM	Hamilton	T5	220/33	100	OLTC	RDF	Redclyffe	T2	110/33	50	Off
HAM	Hamilton	T6	220/110	200	OLTC	RDF	Redclyffe	T3	220/110	80	OLTC
HAM	Hamilton	T7	220/55	15	OLTC	RDF	Redclyffe	T4	220/110	80	OLTC
HAM	Hamilton	T8	220/55	18	OLTC	ROT	Rotorua	T2	110/33	60	OLTC
HAM	Hamilton	T9	220/110	200	OLTC	ROT	Rotorua	T3	110/11	20	OLTC
HTI	Hangatiki	T1	110/33	20	Off	ROT	Rotorua	T4	110/11	20	OLTC
HTI	Hangatiki	T2	110/33	20	Off	ROT	Rotorua	T5	110/33	60	OLTC
HWA	Hawera	T1	110/33	30	Off	SVL	Silverdale	T1	220/33	100	OLTC
HWA	Hawera	T2	110/33	30	Off	SFD	Stratford	T5	110/33	20	Off
HAY	Haywards	T1	220/110/11	216/200/80	OLTC	SFD	Stratford	T6	110/33	20	Off
HAY	Haywards	T2	220/110/11	210/200/80	OLTC	SFD	Stratford	T10	220/110/11	100	OLTC
HAY	Haywards	T5	220/110/11	216/200/80	OLTC						
HAY	Haywards	T11	110/11	20	OLTC	TAK	Takanini	T5	220/33	123	OLTC
HAY	Haywards	T12	110/33	20	Off	TAK	Takanini	T8	220/33	123	OLTC
HAY	Haywards	T22	220/11	10	OLTC	TKR	Takapu Rd	T1	110/33	90	OLTC
HAY	Haywards	T7	98.5/110/11	172/150/66	Off	TKR	Takapu Rd	T2	110/33	90	OLTC
HAY	Haywards	T8	98.5/110/11	172/150/66	Off	TNG	Tangiwai	T2	220/55	15	OLTC
HAY	Haywards	T9	98.5/110/11	172/150/66	Off	TNG	Tangiwai	T3	220/55	18	OLTC
HAY	Haywards	T10	98.5/110/11	172/150/66	Off	TNG	Tangiwai	T11	220/11	48	OLTC
HAY	Haywards	T23	220/144/144	815/408/408	OLTC	TNG	Tangiwai	T12	220/11	48	OLTC
HEN	Henderson	T1	220/110/11	200	OLTC	TRK	Tarukenga	T1	220/110/11	200	Off
HEN	Henderson	T2	220/33	120	Off	TRK	Tarukenga	T2	220/110/11	200	Off
HEN	Henderson	T3	220/33	120	Off	TRK	Tarukenga	T4	110/11	20	OLTC
HEN	Henderson	T5	220/110/11	200	OLTC	TMN	Taumarunui	T5	220/55	18	OLTC
HEP	Hepburn Rd	T1	110/33	120	OLTC	TMN	Taumarunui	T8	220/55	15	OLTC
HEP	Hepburn Rd	T2	110/33	100	Off	TGA	Tauranga	T1	110/11	30	OLTC
HEP	Hepburn Rd	T3	110/33	120	OLTC	TGA	Tauranga	T2	110/11	30	OLTC
HIN	Hinuera	T1	110/33	30	Off	TGA	Tauranga	T3	110/33	41	OLTC
HIN	Hinuera	T2	110/33	50	Off	TGA	Tauranga	T4	110/33	30	Off
HUI	Huirangi	T5	110/33	20	Off	TMU	Te Awamutu	T1	110/11	40	OLTC
HUI	Huirangi	T6	110/33	20	Off	TMU	Te Awamutu	T2	110/11	40	OLTC
KOE	Kaikohe	T2	110/33/11	30	Off	TKH	Te Kaha	T1	50/11	2	Off
KOE	Kaikohe	T3	110/33	39	Off	TWH	Te Kowhai	T1	220/33	100	OLTC
KTA	Kiataia	T4	110/33	20	Off	TWH	Te Kowhai	T2	220/33	100	OLTC
KTA	Kaitaia	T5	110/33	20	Off	TMI	Te Matai	T1	110/33	30	Off
KWA	Kaiwharawhara	T1	110/11	40	OLTC	TKU	Tokaanu	T21	220/33	20	Off
KWA	Kaiwharawhara	T2	110/11	40	OLTC	TKU	Tokaanu	T22	220/33	20	Off
KAW	Kawerau	T1	110/11	20	OLTC	TUI	Tuaiti	T15	110/11	2	OLTC
KAW	Kawerau	T2	110/11	20	OLTC	UHT	Upper Hutt	T1	110/33	37	Off
KAW	Kawerau	T6	110/11	45	OLTC	UHT	Upper Hutt	T2	110/33	37	Off
KAW	Kawerau	T7	110/11	45	OLTC	WHU	Waihou	T1	110/33	20	Off
KAW	Kawerau	T8	110/11	34	OLTC	WHU	Waihou	T2	110/33	20	Off
KAW	Kawerau	T9	110/11	60	OLTC	WHU	Waihou	T3	110/33	20	Off
KAW	Kawerau	T11	220/11	100	OLTC	WKO	Waikino	T1	110/33	30	Off
KAW	Kawerau	T12	220/110	80	OLTC	WKO	Waikino	T2	110/33	30	Off
KAW	Kawerau	T13	220/110	80	OLTC	WAI	Waiotahi	T1	110/11	10	OLTC
KAW	Kawerau	T14	220/11	100	OLTC	WAI	Waiotahi	T2	110/11	10	OLTC
KEN	Kensington	T1	110/33	50	Off	WAI	Waiotahi	T3	11/50	3	OLTC
KEN	Kensington	T2	110/33	50	Off	WPW	Waipawa	T1	110/33	20	Off
KIN	Kinleith	T1A	110/11	30	OLTC	WPW	Waipawa	T2	110/33	25	Off
KIN	Kinleith	T2	110/11	30	OLTC	WRK	Wairakei	T29	220/33	50	Off
KIN	Kinleith	T3A	110/11	10	OLTC	WRK	Wairakei	T30	220/33	50	Off
KIN	Kinleith	T3B	110/11	20	OLTC	WRA	Wairoa	T1	110/11	10	OLTC
KIN	Kinleith	T4	110/33	30	Off	WRA	Wairoa	T2	110/11	10	OLTC
KIN	Kinleith	T5	110/11/33	50/20/30	OLTC	WGN	Wanganui	T1	110/33	30	Off
KPU	Kopu	T3	110/66	45	OLTC	WGN	Wanganui	T2	110/33	20	Off
KPU	Kopu	T4	110/66	45	OLTC	WVY	Waverly	T2	110/11	5	OLTC
LFD	Lichfield	T1	110/11	10/20	OLTC	WEL	Wellsford	T1	110/33	30	Off
LFD	Lichfield	T2	110/11	10/20	OLTC	WEL	Wellsford	T2	110/33	30	Off
LTN	Linton	T2	220/33	82	OLTC	WES	Western Rd	T1	110/33	30	Off
LTN	Linton	T3	220/33	82	OLTC	WTU	Whakatu	T3	220/33	92	OLTC
MHO	Mangahao	T3	110/33	30	Off	WTU	Whakatu	T4	220/33	92	OLTC
MHO	Mangahao	T4	110/33	30	Off	WHI	Whirinaki	T1	220/11	60	OLTC
MGM	Mangamaire	T2	110/33	27	OLTC	WHI	Whirinaki	T2	220/11	60	OLTC
MGM	Mangamaire	T3	110/33	27	OLTC	WHI	Whirinaki	T3	220/11	60	OLTC
MNG	Mangere	T1	110/33	108	Off	WIL	Wilton	T3	220/33	100	OLTC
MNG	Mangere	T2	110/33	108	Off	WIL	Wilton	T4	110/33	59	OLTC
MDN	Marsden	T1	220/110/14.4	142	OLTC	WIL	Wilton	T5	220/33	100	OLTC
MDN	Marsden	T2	220/110/14.4	142	OLTC	WIR	Wiri	T1	110/33	100	Off
MTN	Marton	T1	110/33	20	Off	WIR	Wiri	T2	110/33	85	OLTC
MTN	Marton	T2	110/33	20	Off	WDV	Woodville	T1	110/11	5	Off
MST	Masterton	T1	110/33	30	Off						
MST	Masterton	T2	110/33	30	Off						
MTR	Mataroa	T2	110/33	20	Off						

TRANS POWER TRANSMISSION

NORTH ISLAND POWER SYSTEM

SUBSTATION TRANSFORMER RATING TABLE

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TRANS POWER

AMENDMENT TO KCE, HEN, ROS, OPA, HAM, TRK, KAW, RAI, AIT, WPK, & PNL

GENERAL UPDATE