

TABLE K.—WAIKATO ELECTRIC-POWER SUPPLY.—ROUTE MILEAGE OF LINES AT 31ST MARCH, 1927.

						Size of Wire (S.W.G.).	Miles.
<i>110,000 v. Lines (Single Circuit)—</i>							
Horahora—Tap on Arapuni—Penrose line, Penrose (Arapuni scheme—in operation at 50,000 v.)						19/13	94
<i>50,000 v. (Double Circuit)—</i>							
Penrose-Takapuna						7/14	28.6
<i>50,000 v. (Single Circuit)—</i>							
Horahora—Tap on Arapuni—Penrose line (temporary)						7/14	2.0
Horahora-Waikino						7/12	44.42
Waiorongomai-Waihou						7/12	5.22
Waikino-Aongatete (Department's part of McLaren's Falls line) ..						7/14	17.27
Horahora-Claudeland						7/12	27.5
Mystery Creek-Te Awamutu						7/14	9.5
Te Awamutu-Hangatiki						7/14	19.5
Horahora-Arapuni						7/12	6.8
Arapuni-Ngongotaha						7/14	32.25
							287.06

				Number of Circuits.	Size of Wire (S.W.G.).	Miles.
<i>11,000 v. Lines—</i>						
Waikino-Waihi				1	37/13	5.77
Waihi Grand Junction				1	7/12	0.75
Horahora-Leamington				2	7/14	12.54
Leamington-Hamilton				2	7/16	15.86
Hamilton-Frankton				4-3-2	7/16	3.8
Bombay-Pukekohe				2	7/14	5.0
						43.72

TABLE L.—WAIKATO ELECTRIC-POWER SUPPLY.—ROUTE MILEAGE, POWER BOARD LINES, AT 31ST MARCH, 1927.

				11,000 V.		3,000 V.		400 V.	Total Route-miles.
Number of circuits				2	1	2	1	1	
Cambridge Electric-power Board				..	..	..	98½	26	124½ (a)
Central Electric-power Board				6	113	..	87	147	353 (b)
Te Awamutu Electric-power Board				12	37	4	168	69	290 (c)
Thames Valley Electric-power Board				82	302½	..	125½	127	637 (d)
Waitomo Electric-power Board				..	..	..	..	..	60*
Franklin Electric-power Board				1	113	..	..	49	163 (e)
Waitemata Electric-power Board				5	68	..	..	65	138 (f)
Hamilton Borough Council				2	..	½	5	45	52½ (g)
Totals				108	633½	4½	484	528	1,818

(a) Also 42 miles of 400 v. on 3,000 v. lines.
(b) Also 2½ miles of 3,000 v. on 11,000 v. poles, 59 miles of 400 v. on 11,000 v. poles, and 47 miles of 400 v. on 3,000 v. poles.
(c) Also 30 miles of 3,000 v. on 11,000 v. lines, 17 miles of 400 v. on 11,000 v. lines, and 115 miles of 400 v. on 3,000 v. lines.
(d) Also 3 miles of 3,000 v. on 11,000 v. lines, 266 miles of 400 v. on 11,000 v. lines, and 88 miles of 400 v. on 3,000 v. lines.
(e) Also 82 miles of 400 v. on 11,000 v. lines.
(f) Also 45 miles of 400 v. on 11,000 v. lines.
(g) Also 4 miles of 400 v. on 3,000 v. lines.
* Incomplete return.

TABLE M.—WAIKATO ELECTRIC-POWER SUPPLY.—MILKING-MACHINES CONNECTED AT 31ST MARCH, 1927.

Electric-power Board.			½ Horse-power.		1 Horse-power.		1½ Horse-power.		2 Horse-power.		3 Horse-power.		5 Horse-power.		Total Number.	Total Horse-power.
			No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.	No.	H.P.		
Cambridge	..	..	1	0.5	9	9	109	163.5	123	246	8	24	..	..	750	443.0
Central	..	..	..	..	28	28	..	..	661	1,322	5	15	..	..	694	1,365.0
Te Awamutu	..	..	7	3.5	24	24	116	174.0	257	514	..	..	..	..	404	715.5
Thames Valley	..	..	..	..	..	..	..	..	1,583	3,166	30	90	1	5	1,614	3,261.0
Waitomo	..	..	..	..	3	3	..	..	68	136	..	..	..	..	71	139.0
Franklin	..	..	49	24.5	14	14	100	150.0	95	190	..	..	..	..	258	378.5
Waitemata	..	..	..	..	..	..	..	..	17	34	..	..	..	..	17	34.0
Totals	..	..	57	28.5	78	78	325	487.5	2,804	5,608	43	129	1	5	3,308	6,336.0