

TABLE XIV.—MANGAHAO ELECTRIC-POWER SUPPLY.—MILKING-MACHINES CONNECTED AT 31ST MARCH, 1929.

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.		
Horowhenua	77	38.5	28	28	91	136.5	225	450	1	3	..	..	422	656
Manawatu-Oroua	..	..	30	30	..	..	678	1,356	..	..	..	..	708	1,386
Wanganui-Rangitikei	..	..	..	..	220	330	97	194	14	42	13	65	344	631
Hawke's Bay	..	..	1	1	31	46.5	30	60	1	3	..	..	63	110.5
Central Hawke's Bay	..	..	..	..	1	1.5	57	114	..	..	..	..	58	115.5
Dannevirke	1	0.5	20	20	118	177	104	208	..	..	..	..	243	405.5
Tararua	1	0.5	75	75	43	64.5	103	206	3	9	..	..	225	355
Wairarapa	2	1	14	14	..	..	248	496	5	15	..	..	269	526
Hutt Valley	..	..	5	5	11	16.5	31	62	2	6	..	..	49	89.5
Totals	81	40.5	173	173	515	772.5	1,573	3,146	26	78	13	65	2,381	4,275

TABLE XV.—MANGAHAO ELECTRIC-POWER SUPPLY.—ROUTE-MILEAGE, POWER BOARD LINES, AT 31ST MARCH, 1929.

Number of Circuits	11,000 Volts.			6,600 Volts.		3,000 Volts.		400 Volts.	Total Route-miles.
	3	2	1	2	1	2	1	1	
Horowhenua	0.63	2.88	147.2	..	..	..	..	127.14	277.85 (a)
Manawatu-Oroua	..	24	258	..	..	..	160	118	561.5 (b)
Wanganui-Rangitikei	..	35	205	..	175	1	5	150	571 (c)
Hawke's Bay	..	20	147	..	..	..	6	60	233
Central Hawke's Bay	..	1.5	109	..	25.75	..	1	38.5	175.75 (d)
Dannevirke	..	4.5	22.75	0.5	191.5	..	..	70.13	289.38 (e)
Tararua	..	12.25	26.0	..	..	..	93.0	38.0	169.25 (f)
Wairarapa	1.25	27.25	203	..	..	..	7.25	51.75	290.5 (g)
Hutt Valley	..	16.25	1.25	16.0	69.0	..	..	163.0	265.5 (h)
Total	1.88	143.63	1,219.2	16.5	461.25	1	272.25	816.52	2,833.73

- (a) Also 87.11 miles of 400 volts on 11,000-volt lines.
(b) Also 18 miles of 3,300-volt lines under 11,000-volt lines and 279 miles of 400-volt lines under 11,000 and 3,300-volt lines.
(c) Also 35 miles of 6,600 volts and 2.5 miles of 3,000 volts on 11,000-volt poles, and 205 miles of 400 volts on same poles as higher-voltage lines.
(d) Also 27 miles of 400-volt lines on same poles as 11,000 volts, 4.25 miles of 400 volts on same poles as 6,600 volts, and 2.25 miles of 400 volts on same poles as 3,000 volts.
(e) Also 0.63 miles of 11,000-volt underground cable, and 19.33 miles of 6,600-volt lines on 11,000-volt poles; 12.8 miles of 400-volt lines on 11,000-volt poles, and 77.8 miles of 400-volt lines on 6,600-volt poles.
(f) Also 33 miles of 3,000 volts on 11,000-volt poles and 83 miles of 400 volts on 11,000-volt and 3,000-volt poles.
(g) Also 1.75 miles of 11,000-volt underground cable, and 147 miles of 400 volts on same poles as higher-voltage lines.
(h) Also 10 miles of 6,600 volts on 11,000-volt poles, 7 miles of 400 volts on 11,000-volt poles, and 39 miles of 400 volts on 6,600-volt poles.

TABLE XVI.—MANGAHAO ELECTRIC-POWER SUPPLY.—ROUTE-MILEAGE OF DEPARTMENT'S LINES IN OPERATION AT 31ST MARCH, 1929.

						Size of Wire (S.W.G.).	Miles.
110,000-volt Lines (Double Circuit)—							
Mangahao-Khandallah	..	..	..	..	..	19/13 Cu	61.10
Mangahao-Bunnythorpe	..	..	..	..	..	3/0 A.C.S.R.	25.44
110,000-volt Lines (Single Circuit)—							
Bunnythorpe-Wanganui	..	..	..	..	..	3/0 A.C.S.R.	39.34
Bunnythorpe-Woodville	..	..	..	..	..	3/0 A.C.S.R.	12.44
Woodville-Masterton	..	..	..	..	..	3/0 A.C.S.R.	51.50
Woodville-Taradale	..	..	..	..	..	3/0 A.C.S.R.	76.00
							265.82

				No. of Circuits.	Size of Wire (S.W.G.).	Miles.
11,000-volt Lines—						
Khandallah-Petone	..	..	..	4	19/16 Cu	3.81
Khandallah-Wellington Meat Export Co.	..	..	..	1	19/16 Cu	0.63
Mangaore-Shannon	..	..	..	2	19/16 Cu	3.00
						7.44
Total route-miles in operation						273.26