

TABLE F.—WAIKATO ELECTRIC-POWER SUPPLY.—RESULTS OF OPERATION.

	First Year, March, 1921.	Second Year, March, 1922.	Third Year, March, 1923.	Fourth Year, March, 1924.
	£	£	£	£
Capital outlay	249,499	353,808	395,022	474,817
Costs—				
Working costs	6,452	7,986	9,721	12,474
Interest	10,675	13,187	19,208	21,231
Depreciation, 2 per cent.	3,960	4,512	6,620	10,393
Total costs	21,087	25,685	35,549	44,098
Revenue—				
Cambridge Electric-power Board	..	541	1,837	2,319
Central Electric-power Board	..	353	2,216	4,436
Te Awamutu Electric-power Board	..	508	2,119	3,196
Thames Valley Electric-power Board	..	2,908	8,556	16,056
Hamilton Borough Council	..	1,391	2,911	4,621
Waihi Gold-mining Company	13,698	13,748	15,927	15,305
Waihi Grand Junction Gold Company	782	5,709	4,250	9,330
New Zealand Railways, Frankton	..	..	450	1,590
Other consumers	238	1,675	2,115	1,691
Miscellaneous (rents, &c.)	86	1,374	1,437	1,380
Total revenue	14,804	28,207	41,818	59,924
Profit (P.) or loss (L.)	(L.) 6,282	(P.) 2,522	(P.) 6,269	(P.) 15,826
Accumulated deficiency	8,404	5,882	..	..
Accumulated surplus	..	..	386	3,494
Accumulated Depreciation Fund	5,653	10,210	16,605	24,832
Accumulated Sinking Fund	..	..	..	12,718
Maximum load (kilowatts)—				
Power-house, for year	3,500	5,800	6,900	7,400
Power-house, average weekly	2,675	4,080	5,382	6,852
Units output—				
Power-house total	16,729,050	25,659,550	33,732,150	45,077,150
Substations total	..	..	30,435,036	40,614,013
Units sold—				
Cambridge Electric-power Board	..	..	519,450	780,370
Central Electric-power Board	..	..	657,000	1,320,827
Te Awamutu Electric-power Board	..	..	622,040	887,570
Thames Valley Electric-power Board	..	..	3,776,065	7,019,366
Hamilton Borough Council	..	..	860,000	1,500,818
Waihi Gold-mining Company	14,477,387	15,383,006	19,116,114	18,776,851
Waihi Grand Junction Company	738,613	5,449,870	4,079,700	8,957,300
New Zealand Railways, Frankton	..	..	..	247,613
Other consumers	160,000	2,260,719	400,000	424,139
Total units sold	15,376,000	23,093,595	30,030,369	39,914,854
Losses—				
Transmission losses	..	..	3,297,114	4,463,137
Percentage	..	..	9.8	9.9
Distribution losses	1,338,450	2,565,955	3,701,781	5,162,296
Percentage	8.0	10.0	11.0	11.3
Load-factor—				
Power-house annual (per cent.)	54.5	50.5	55.8	69.6
Power-house, average weekly (per cent.)	71.0	71.3	71.2	75.3
Working-costs—				
Per kilowatt—power-house maximum (annual)	£1.84	£1.38	£1.41	£1.69
Per kilowatt—power-house maximum (average weekly)	£2.38	£1.95	£1.81	£1.82
Per unit generated	0.093d.	0.075d.	0.069d.	0.067d.
Per unit sold	0.100d.	0.083d.	0.078d.	0.075d.
Capital costs—				
Per kilowatt—power-house maximum (annual)	£4.18	£3.06	£3.76	£4.28
Per kilowatt—power-house maximum (average weekly)	£5.47	£4.34	£4.80	£4.62
Per unit generated	0.210d.	0.166d.	0.184d.	0.168d.
Per unit sold	0.228d.	0.184d.	0.206d.	0.194d.
Total costs—				
Per kilowatt—power-house maximum (annual)	£6.02	£4.43	£5.15	£5.96
Per kilowatt—power-house maximum (average weekly)	£7.85	£6.29	£6.61	£6.44
Per unit generated	0.303d.	0.240d.	0.253d.	0.235d.
Per unit sold	0.327d.	0.267d.	0.284d.	0.277d.
Revenue—				
Per kilowatt—power-house maximum (annual)	£4.23	£4.83	£6.07	£8.10
Per kilowatt—power-house maximum (average weekly)	£5.53	£6.91	£7.77	£8.73
Per unit generated	0.212d.	0.264d.	0.298d.	0.319d.
Per unit sold	0.229d.	0.293d.	0.334d.	0.360d.
Per kilowatt maximum—				
Cambridge Electric-power Board	..	£5.817	£10.038	£9.911
Central Electric-power Board	..	£5.883	£8.446	£9.165
Te Awamutu Electric-power Board	..	£5.708	£10.188	£9.455
Thames Valley Electric-power Board—				
Horahora	..	£3.220	£9.145	..
Waikino	..	£3.809	£6.410	..
Waihou	..	..	..	..
Average	..	£3.595	£7.166	£8.093