

TABLE K.—WAIKATO ELECTRIC-POWER SUPPLY.—RESULTS OF OPERATIONS.

	Sixth Year, March, 1926.	Seventh Year, March, 1927.	Eighth Year, March, 1928.
Capital outlay—	£	£	£
Horahora—Total expenditure	561,065	576,841	609,228
Less assets not in operation	33,734	..	..
Horahora—Assets in operation	527,331	576,841	609,228
Arapuni—Assets in operation	174,026	268,107	363,945
Total assets in operation	701,357	844,948	973,173
Costs—			
Working-costs	19,612	28,713	46,568
Capital costs—Interest	31,269	37,989	44,190
Capital costs—Depreciation	13,601	16,481	18,646
Sinking Fund	11,342	8,448	9,732
Total costs	75,824	91,631	119,136
Revenue	85,830	108,748	125,312
Profit	10,006	17,116	6,176
Accumulated surplus	30,554	47,670	53,845
Accumulated Depreciation Fund	46,444	63,782	84,272
Accumulated Sinking Fund	28,939	38,515	49,847
Maximum load (kilowatts)—			
System for year (includes Grand Junction and McLaren's Falls)	11,860	14,760	15,700
Power-house for year	11,400	12,400	12,400
Power-house, average weekly	9,665	11,090	11,370
Units output—			
Power-house total generated	65,435,630	79,253,160	88,703,370
Units purchased	1,590,511	7,398,942	11,372,298
Units, generated and purchased	67,026,141	86,652,102	100,075,668
Horahora exciter sets	1,210,230	1,850,000	1,720,690
Horahora local service	..	..	424,600
Units available for outgoing lines	65,815,911	84,802,102	97,930,378
Units sold	60,261,326	75,844,229	87,852,067
Units unaccounted for	5,554,585	8,957,873	10,078,311
Percentage of units available	8.44	10.55	10.29
Total units fed to 11 kv. lines at Horahora	7,626,020	8,458,230	10,463,059
Total units fed to 50 kv. lines at Horahora	56,321,700	68,204,125	76,318,205
Input to 50 kv. substations from Horahora	51,919,046	60,467,232	69,036,223
Transmission losses 50 kv. (units)	4,402,654	7,736,893	6,281,982
Percentage of units to 50 kv. lines	7.82	11.35	9.1
Distribution losses, 11 kv. (units)	874,251	350,588	215,995
Discrepancy in metering	277,680	..	..
Load-factor, annual (per cent.)—			
System	64.5	67.7	72.8
Power-house	65.5	72.9	81.7
Load-factor, average weekly—			
Power-house	77.5	81.6	88.2
Working-costs (less power purchased)	£17,050	£19,926	£35,300
Per kilowatt (power-house annual maximum)	£1.49	£1.645	£2.845
Per kilowatt (power-house average weekly maximum)	£1.76	£1.84	£3.11
Per unit generated at Horahora	0.063d.	0.062d.	0.0955d.
Per unit sold (less units purchased)	0.070d.	0.0645d.	0.111d.
Capital costs	£56,212	£62,919	£72,568
Per kilowatt (power-house annual maximum)	£4.93	£5.07	£5.85
Per kilowatt (power-house average weekly maximum)	£5.81	£5.69	£6.38
Per unit generated at Horahora	0.206d.	0.1905d.	0.1964d.
Per unit sold (less units purchased)	0.230d.	0.199d.	0.228d.
Total costs (less power purchased)	..	£82,845	£107,868
Per kilowatt (power-house annual maximum)	£6.42	£6.715	£8.69
Per kilowatt (power-house average weekly maximum)	£7.58	£7.51	£9.48
Per unit generated at Horahora	0.269d.	0.252d.	0.291d.
Per unit sold (less units purchased)	0.299d.	0.264d.	0.338d.
Total costs on system	£75,824	£92,095	£119,136
Per kilowatt (system annual maximum)	£6.39	£6.25	£7.59
Per unit generated and purchased	0.271d.	0.255d.	0.286d.
Per unit sold	0.302d.	0.292d.	0.326d.
Revenue	£85,830	£108,484	£125,312
Per kilowatt (system annual maximum)	£7.24	£7.72	£7.98
Per kilowatt (power-house annual maximum)	£7.52	£8.75	£10.1
Per kilowatt (power-house average weekly maximum)	£8.88	£9.79	£11.1
Per unit generated and purchased	0.307d.	0.301d.	0.305d.
Per unit sold	0.342d.	0.343d.	0.342d.