

TABLE F.—MANGAHAO HYDRO ELECTRIC-POWER SYSTEM.—RESULTS OF OPERATIONS.

	1927.	1928.
	£	£
Capital outlay	2,242,871	2,373,921
Costs—		
Working-costs*	26,921	33,914
Interest	98,881	106,441
Depreciation †	32,997	35,301
Total costs	158,799	175,656
Revenue	101,897	44,112†
Loss	56,902	131,544
Depreciation Fund ‡	32,997	35,301
Maximum load (kilowatts) —		
Power-house	18,100	20,040
Khandallah Substation	12,720	12,120
Wellington City	11,078	10,496
Hutt Valley Electric-power Board	1,700	2,120
Wellington Meat Export Co.	397·6	455
Railway Department	360	480
Horowhenua Electric-power Board	1,688	1,968
Manawatu-Oroua Electric-power Board	1,632	2,094
Dannevirke Electric-power Board	381	420
Tararua Electric-power Board	382	442
Wairarapa Electric-power Board	820	930
Wanganui-Rangitikei Electric-power Board	1,848	2,016
Central Hawke's Bay Electric-power Board	300	440
Units output—		
Generated—		
Power-house total	72,133,890	74,726,880
Purchased—		
Wellington City Council	5,720,463	22,539,685
Wanganui-Rangitikei Electric-power Board	549,620	2,307,964
Palmerston North Borough Council	143,911	1,176,556
Napier Borough Council	..	1,257,120
Hastings Borough Council	..	841,095
Other sources	..	1,118,809
Total units generated and purchased	78,547,884	103,968,109
Units sold—		
Wellington City Council	36,140,668	40,024,449
Wellington Meat Export Co.	1,292,500	1,574,550
Horowhenua Electric-power Board	5,986,110	7,090,301
Hutt Valley Electric-power Board	6,334,156	9,193,558
Wairarapa Electric-power Board	1,676,550	2,246,344
Tararua Electric-power Board	1,556,650	2,105,967
Dannevirke Electric-power Board	1,337,202	1,612,296
Central Hawke's Bay Electric-power Board	1,188,238	1,945,807
Hawke's Bay Electric-power Board	..	6,035,193
Manawatu-Oroua Electric-power Board	9,068,259	11,442,722
Wanganui-Rangitikei Electric-power Board	6,959,957	11,865,489
New Zealand Railways	704,456	965,175
Headworks and village	1,346,880	1,309,635
Testing, &c. (includes supply to substations)	250,391	375,086
Total units sold	73,842,017	97,786,572
Losses—		
Total losses (units)	4,705,867	6,181,537
Percentage	6·0	5·9
Load-factor (per cent.)—		
Power-house (annual)	45·3	42·4†
Power-house (average weekly)	55·3	53·1
Working-costs (less power purchased)—		
Per kilowatt (power-house maximum)	£1·49	£1·7
Per unit generated	0·0895d.	0·109d.
Per unit sold	0·087d.	0·084d.
Capital charges—		
Per kilowatt (power-house annual maximum)	£7·28	£7·066
Per unit generated	0·44d.	0·46d.
Per unit sold	0·43d.	0·35d.
Total costs—		
Per kilowatt (power-house annual maximum)	£8·62	£8·76
Per unit generated	0·53d.	0·56d.
Per unit sold	0·517d.	0·43d.
Revenue—		
Per kilowatt (power-house annual maximum)	£5·64	£2·2
Per unit generated	0·339d.	0·142d.
Per unit sold	0·331d.	0·108d.

* Does not include £111,745 for power purchased. † Gross revenue, £155,857. ‡ On units generated; 59·1 per cent. on total units.