

TABLE A.—LAKE COLERIDGE ELECTRIC-POWER SUPPLY.—RESULTS OF OPERATION.

Results of Operation.	Tenth Year, 1925.	Eleventh Year, 1926.	Twelfth Year, 1927.	Thirteenth Year, 1928.
	£	£	£	£
Capital outlay	1,008,491	1,366,951	1,538,569	1,561,081
Costs—				
Working-costs	23,270	27,035	30,728	40,054
Interest	47,780	50,324	65,094	75,630
Depreciation, 2 per cent.	15,679	19,350	28,168	29,863
Total costs	86,729	96,709	123,990	145,547
Accumulated Depreciation Fund	88,631	111,526	142,594	173,231
Accumulated deficiency	17,738	..	..	..
Sinking Fund Account	..	8,907	35,443	62,465
Revenue—				
City Council	28,925	50,377	64,322*	68,000*
Tramways	9,477	10,122	16,094	16,863
Wholesale consumers	49,822	60,250	67,378	83,722
Retail consumers	1,880	264	269	164
Miscellaneous	2,059	2,342	2,177	2,378
Total revenue	92,163	123,355	150,240	171,127
Maximum load (kilowatts)—				
Power-house	13,180	14,430	16,880	21,020
Substations (66 kv.)	11,190	13,583	15,512	19,313
City Council	6,216	7,244	7,978	10,102*
Tramways	2,760	2,880	2,860	2,720
Average load (kilowatts)—				
Power-house	6,820	7,916	9,000	10,710
Substations (66 kv.)	5,680	6,303	8,200	9,780
City Council	2,930	3,357	3,760	4,480*
Tramways	897	972	980	1,020
Units output—				
Power-house	59,528,216	68,860,614	78,342,797	93,853,759
Fed to village, tunnel, and intake	1,865,344	1,664,917	741,462	757,678
Fed to transmission-lines	56,935,840	65,491,130	76,941,870	93,096,081
Substations (66 kv.)	53,261,142	61,167,881	71,791,696	85,969,069
Units distributed—				
City Council (sold)	25,616,445	29,126,211	32,935,247	39,390,350*
Tramways (sold)	7,851,060	8,511,530	8,583,270	8,893,650
Wholesale consumers and local bodies (sold)	17,420,138	22,988,931	27,829,050	34,912,744
Retail consumers (sold)	399,390	41,453	23,699	20,844
Substations and power-house local consumption (unsold)	..	284,764	1,516,395	1,453,130
Total units distributed	51,287,033	60,952,889	70,887,661	84,770,718
Losses—				
Transmission-line losses	3,676,518	4,323,249	5,150,174	7,127,012
Percentage	6.43	6.270	6.7	7.65
Distribution losses	1,973,199	1,342,454	1,645,497	1,956,029
Percentage	3.71	2.20	2.2	2.3
Average load-factor (per cent.)—				
Power-house	51.8	54.8	53.4	51.0
Substations (66 kv.)	50.8	54.0	52.9	50.6
City	47.1	46.3	47.2	44.4*
Working-costs—				
Per kilowatt (power-house maximum)	£1.76	£1.874	£1.820	£1.905
Per kilowatt (substation maximum)	£2.08	£1.99	£1.981	£2.074
Per unit generated	0.094d.	0.094d.	0.094d.	0.102d.
Per unit distributed	0.109d.	0.106d.	0.104d.	0.113d.
Capital charges—				
Per kilowatt (power-house maximum)	£4.82	£4.828	£5.525	£5.019
Per kilowatt (substation maximum)	£5.67	£5.129	£6.012	£5.462
Per unit generated	0.255d.	0.243d.	0.286d.	0.270d.
Per unit distributed	0.297d.	0.274d.	0.323d.	0.299d.
Total cost—				
Per kilowatt (power-house maximum)	£6.58	£6.702	£7.345	£6.924
Per kilowatt (substation maximum)	£7.75	£7.119	£7.993	£7.536
Per unit generated	0.349d.	0.337d.	0.379d.	0.372d.
Per unit distributed	0.406d.	0.381d.	0.419d.	0.412d.
Revenue (total revenue)—				
Per kilowatt (power-house maximum)	£6.992	£8.548	£8.900	£8.141
Per kilowatt (substation maximum)	£8.230	£9.081	£9.685	£8.860
Per unit generated	0.371d.	0.430d.	0.460d.	0.437d.
Per unit distributed	0.431d.	0.486d.	0.509d.	0.484d.
Per unit sold (city)	0.271d.	0.415d.	0.469d.	0.414d.
Per unit sold (trams)	0.289d.	0.285d.	0.450d.	0.450d.
Per unit sold (wholesale consumers)	0.686d.	0.629d.	0.581d.	0.575d.
Per unit sold (retail consumers)	1.129d.	1.528d.	2.724d.	1.889d.

Substations maximum: Addington, 16,088 kw.; Timaru, 1,616 kw.; Ashburton, 1,306 kw.; Oamaru, 581 kw.; Hororata, 239 kw.; Point, 19 kw.

* Excludes Woolston Borough Council.