

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

	Sixth Year, March, 1921.	Seventh Year, March, 1922.	Eighth Year, March, 1923.	Ninth Year, March, 1924.
	£	£	£	£
Capital outlay.. .. .	499,957	671,608	848,033	892,801
Costs—				
Working-costs	21,341	25,911	19,271	20,777
Interest, 5·4 per cent.	18,639	20,981	35,275	44,444
Depreciation, 2 per cent.	7,946	8,424	9,307	12,584
Total costs	47,926	55,316	63,853	77,805
Accumulated Depreciation Fund	44,751	54,537	61,275	72,594
Accumulated deficiency	30,674	29,175	23,876	23,172
Revenue—				
City Council	17,700	18,890	21,641	26,055
Tramways	7,835	7,957	8,909	9,189
Wholesale consumers	22,339	26,019	34,344	39,280
Retail consumers	1,785	1,880	2,118	2,289
Miscellaneous	1,714	2,068	2,141	1,695
Total revenue	51,373	56,814	69,153	78,508
Maximum load (kilowatts)—				
Power-house	7,412	7,600	9,390	10,800
Substations	6,712	6,720	8,420	9,490
City Council	3,601	3,750	4,290	5,344
Tramways	1,840	2,120	2,480	2,740
Average load (kilowatts)—				
Power-house	4,147	4,453	5,024	5,722
Substations	3,719	3,875	4,528	5,158
City Council	1,697	1,760	2,006	2,438
Tramways	727	702	842	870
Units output—				
Power-house	36,545,169	38,419,102	44,008,106	50,614,955
Fed to village and Murchison's—Losses	235,589	427,921	556,446	1,837,069
Fed to transmission-lines	36,309,580	37,929,750	43,451,660	48,777,886
Substations (various)	32,588,320	33,947,100	39,665,420	45,778,007
Units sold—				
City Council	14,700,000	15,419,100	17,575,610	21,664,830
Tramways	6,379,717	6,499,258	7,360,035	7,623,900
Wholesale consumers and local bodies	10,051,734	10,746,697	12,449,239	14,198,034
Retail consumers	270,900	278,879	176,743	305,608
Total units sold	31,402,351	32,943,934	37,561,627	43,792,372
Losses—				
Transmission-line losses	3,728,190	3,982,650	3,786,240	2,999,879
Percentage	10·27	10·5	8·72	6·15
Distribution losses	1,185,969	1,003,166	1,977,256	1,985,635
Percentage	3·64	3·0	5·2	4·3
Average load-factor (per cent.)—				
Power-house	61·4	62·9	53·5	53·0
Substation	60·5	62·0	53·6	54·3
City	53·8	53·6	47·0	45·6
Working-costs—				
Per kilowatt (power-house maximum)	£2·87	£3·40	£2·05	£1·92
Per kilowatt (substation maximum)	£3·17	£3·85	£2·29	£2·19
Per unit generated	0·140d.	0·161d.	0·106d.	0·102d.
Per unit sold	0·150d.	0·188d.	0·123d.	0·113d.
Capital charges—				
Per kilowatt (power-house maximum)	£3·58	£3·87	£4·74	£5·28
Per kilowatt (substation maximum)	£3·96	£4·37	£5·29	£6·00
Per unit generated	0·174d.	0·184d.	0·246d.	0·280d.
Per unit sold	0·203d.	0·214d.	0·284d.	0·313d.
Total cost—				
Per kilowatt (power-house maximum)	£6·46	£7·27	£6·80	£7·20
Per kilowatt (substation maximum)	£7·14	£8·23	£7·58	£8·20
Per unit generated	0·314d.	0·350d.	0·352d.	0·382d.
Per unit sold	0·366d.	0·403d.	0·408d.	0·426d.
Revenue—				
Per kilowatt (power-house maximum)	£6·93	£7·47	£7·36	£7·27
Per kilowatt (substation maximum)	£7·65	£8·45	£8·21	£8·27
Per unit generated	0·337d.	0·354d.	0·382d.	0·386d.
Per unit sold	0·392d.	0·414d.	0·441d.	0·430d.
Per unit sold (city)	0·288d.	0·295d.	0·295d.	0·288d.
Per unit sold (trams)	0·294d.	0·293d.	0·290d.	0·289d.
Per unit sold (wholesale consumers)	0·533d.	0·585d.	0·662d.	0·664d.
Per unit sold (retail consumers)	1·58d.	1·61d.	2·88d.	1·80d.