

TABLES.

TABLE A.—OPERATING RESULTS.

Results of Operation.	First Year, ending March, 1916.	Second Year, ending March, 1917.	Third Year, ending March, 1918.	Fourth Year, ending March, 1919.	Fifth Year, ending March, 1920.
Capital outlay	£320,330	£366,984	£389,754	£403,156	£422,076
Costs—					
Working-costs	£9,383	£12,889	£14,449	£17,138	£17,759
Interest, 4 per cent. ..	£11,398	£13,743	£14,871	£15,692	£16,863
Depreciation, 2 per cent. ..	£5,386	£6,078	£7,013	£7,329	£7,624
Total costs	£26,167	£32,710	£36,333	£40,159	£42,246
Revenue—					
City Council	£6,200	£8,500	£11,338	£13,556	£16,029
Tramways .. ..	..	£3,962	£7,024	£6,885	£7,660
Wholesale consumers ..	£1,523	£6,559	£10,804	£14,090	£18,735
Retail consumers	£537	£983	£1,912	£1,529	£1,952
Miscellaneous	£258	£750	£1,014	£1,264	£1,455
Total revenue	£8,518	£20,754	£32,092	£37,324	£45,831
Accumulated depreciation fund	£5,853	£12,116	£19,666	£27,393	£35,389
Net debit balance—profit and loss account	£18,572	£30,528	£34,871	£37,707	£34,121
Maximum load (kilowatts)—					
Power-house	1,372	4,366	5,438	5,900	7,066
Substation	1,220	3,900	4,800	5,340	6,260
City Council	1,020	1,600	2,260	2,625	2,966
Tramways .. ..	..	1,700	1,660	1,580	1,760
Output (units)—					
Power-house	4,860,260	14,774,960	22,403,660	27,495,720	33,010,130
Substation	4,128,232	12,934,230	20,539,430	24,548,554	29,572,160
Sold (units)—					
City Council	3,417,040	6,137,110	9,183,700	10,886,290	12,936,340
Tramways .. ..	..	3,162,583	5,634,403	5,485,370	6,417,900
Wholesale consumers ..	500,801	2,175,268	4,719,283	6,770,488	8,348,174
Retail consumers	76,926	190,000	307,290	245,398	315,562
Total units sold	3,994,767	11,664,961	19,844,676	23,387,546	28,017,976
Losses—					
Transmission losses ..	752,028	1,840,730	1,864,230	2,947,166	3,437,960
Percentage	15.0	12.5	8.3	10.7	10.1
Distribution losses ..	133,465	1,269,269	694,754	1,161,008	1,472,414
Percentage	3.2	9.8	3.4	4.7	4.4
Average weekly load factor (per- centage)—					
Power-house	44.3	52.9	58.0	59.1	59.9
Substation	43.3	53.1	58.4	58.4	58.6
City	39.0	49.2	54.8	52.6	53.1
Working-costs—					
Per kilowatt (power-house max.)	£6.80	£2.95	£2.66	£2.90	£2.51
Per kilowatt (substation max.)	£7.70	£3.32	£3.01	£3.21	£2.83
Per unit generated	0.46d.	0.21d.	0.15d.	0.15d.	0.13d.
Per unit sold	0.56d.	0.26d.	0.17d.	0.17d.	0.15d.
Capital charges—					
Per kilowatt (power-house max.)	£12.20	£4.55	£4.04	£3.90	£3.46
Per kilowatt (substation max.)	£13.70	£5.08	£4.56	£4.31	£3.91
Per unit generated	0.83d.	0.32d.	0.23d.	0.20d.	0.18d.
Per unit sold	1.01d.	0.41d.	0.26d.	0.24d.	0.21d.
Total cost—					
Per kilowatt (power-house max.)	£19.00	£7.50	£6.70	£6.80	£5.98
Per kilowatt (substation max.)	£21.40	£8.40	£7.57	£7.52	£6.75
Per unit generated	1.29d.	0.53d.	0.39d.	0.35d.	0.31d.
Per unit sold	1.57d.	0.68d.	0.44d.	0.41d.	0.36d.
Revenue—					
Per kilowatt (power-house max.)	£6.20	£4.75	£5.90	£6.32	£6.48
Per kilowatt (substation max.)	£7.00	£5.30	£6.69	£7.00	£7.32
Per unit generated	0.42d.	0.34d.	0.34d.	0.33d.	0.33d.
Per unit sold	0.51d.	0.45d.	0.39d.	0.38d.	0.39d.
Per unit sold to City Council	0.43d.	0.33d.	0.30d.	0.30d.	0.30d.
Per unit sold to Tramways ..	..	0.31d.	0.30d.	0.30d.	0.29d.
Per unit sold to wholesale con- sumers	0.73d.	0.72d.	0.55d.	0.50d.	0.54d.
Per unit sold to retail con- sumers	1.67d.	1.24d.	1.50d.	1.50d.	1.50d.