

TABLE B.—LAKE COLERIDGE ELECTRIC-POWER SUPPLY.—ANALYSIS OF CAPITAL OUTLAY.

Item.	Capital Outlay.		Expenditure during Year.
	31st March, 1921.	31st March, 1922.	
	£	£	£
Land, roading and fencing	17,393	17,393	..
Harper River diversion	12,778	17,355	4,577
Tunnel and headworks	115,397	146,424	21,027
Power-house and machinery	78,203	99,641	21,438
Staff village	14,182	14,298	116
Transmission-lines	61,264	136,743	75,479
Addington substation	27,095	41,143	14,048
Primary distribution	46,569	51,932	5,363
Secondary distribution	27,869	42,420	14,551
Service transformers and meters	16,148	16,745	597
Vehicles and loose equipment	17,398	19,070	1,672
Telephone-lines	1,903	1,903	..
Office furniture	237	247	10
Surveys, preliminary expenses, &c.	37,174	44,348	7,174
Interest during construction	16,347	21,946	5,599
Totals	499,957	671,908	171,651

TABLE C.—LAKE COLERIDGE ELECTRIC-POWER SUPPLY.—OPERATING OR WORKING COSTS.

Expenditure.	1921.		1922.	
	Cost.	Per Unit sold.	Cost.	Per Unit sold.
	£	d.	£	d.
Harper diversion maintenance	..	..	1,002	0-007
Generation	6,003	0-046	6,299	0-046
Transmission	3,137	0-024	3,155	0-023
Main distribution station	2,576	0-020	2,282	0-017
H.T. distribution	1,728	0-013	2,040	0-015
L.T. distribution	1,296	0-010	1,306	0-010
Standby plant	2,688	0-020	4,586	0-033
Management and general expenses	3,913	0-030	5,241	0-032
Totals	21,341	0-163	25,911	0-183

TABLE D.—LAKE COLERIDGE ELECTRIC-POWER SUPPLY.—CONNECTED LOAD IN KILOWATTS AT 31ST MARCH, 1922.

	Light.	Heat.	Power.	Total.
<i>Local Bodies.</i>				
Christchurch City Council	7,516	1,760	14,994	24,270
Riccarton Borough Council	47	64	51	162
Lyttelton Borough Council	146	44	192	382
Lyttelton Pumping Station	..	..	116	116
Sumner Borough Council	151	153	54	358
Woolston Borough Council	141	146	30	317
Kaiapoi Borough Council	101	144	41	286
Rangiora Borough Council	110	52	107	269
Heathcote County Council	206	238	34	477
Paparua County Council	124	134	48	306
Halswell County Council	46	49	38	134
Eyre County Council	31	52	44	127
Tai Tapu Dairy Company	62	98	83	243
Rangiora County Council	44	62	112	218
Waimairi (Hillmorton)	2	2	..	4
Springs Ellesmere Power Board	45	83	3	131
Lake Coleridge	29	162	63	255
Power Station and Substation	8	30	66	104
<i>Direct Wholesale Consumers.</i>				
Tramways	85	..	5,642	5,727
Freezing-works (4)	121	20	2,273	2,414
Flour-mills (6)	6	..	337	343
Dairy factories (1)	3	..	56	59
Quarries (2)	2	1	169	172
Tanneries, &c. (6)	29	7	634	670
Seed-cleaning (4)	5	1	175	181
Brickyard (1)	..	..	91	91
Railway workshop (1)	31	..	210	241
Harbour Board (1)	55	..	113	167
Institutions (6)	120	234	147	500
Soapworks (1)	3	..	34	37
Steelworks (1)	3	600	21	623
Glueworks (1)	3	..	87	90
Sawmill (1)	..	1	23	23
Woollen-mill (1)	..	..	4	4
Aviation Company (1)	5	10	6	21
Twine-mill (1)	..	..	118	118
Railway-stations (2)	40	..	28	68
Chemical-works (1)	..	..	196	196
Racing club (1)	24	1	27	53
Totals	9,344	4,147	26,467	39,957

Substation maximum output = 6,720 kw.

Diversity factor = 6.