

TABLE I.—SUMMARY OF FINANCIAL AND OPERATING STATISTICS FOR NORTH ISLAND AND SOUTH ISLAND ELECTRIC-POWER SYSTEMS FOR THE YEAR ENDING 31ST MARCH, 1938—*continued*.

NOTE.—“North Island system” includes Arapuni–Horahora–Mangahao–Waikaremoana all interconnected. “South Island system” includes Lake Coleridge and Waitaki interconnected, together with Monowai (Southland) and Arnold River (Westland) not yet interconnected with Coleridge–Waitaki system.

			1937–38 (Fourth Year).	1937–38 (Fourth Year).
(b) Operating Results.				
Maximum load (kilowatts)—				
North Island system			143,240	
South Island system			51,860	
Southland system			7,520	
Average load (kilowatts)—				
North Island system			91,095	
South Island system			27,820	
Southland system			3,640	
Average load factor—			Per Cent.	
North Island system			63·6	
South Island system			53·4	
Southland system			48·4	
Units output—			Units.	
North Island system			798,354,000	
South Island system			242,391,775	
Southland system			31,903,940	
Combined			1,072,649,715	
Units distributed—				
Units sold—				
North Island system			720,490,034	
South Island system			205,579,104	
Southland system			23,557,484	
Combined			949,626,622	
Units unsold (station auxiliaries, &c.)—				
North Island system			6,637,589	
South Island system			3,147,486	
Southland system			70,990	
Combined			9,856,065	
Total units distributed, North Island system			727,127,623	
Total units distributed, South Island system			208,726,590	
Total units distributed, Southland system			23,628,474	
Line losses—				
Transmission—			Units.	Per Cent.
North Island system			70,973,165	8·89
South Island system			32,248,112	13·23
Southland system			..	..
Combined			103,221,277	..
Distribution—				
North Island system			253,212	0·03
South Island system			1,417,073	0·58
Southland system			8,275,466	26·16
Combined			9,945,751	..
Total line losses, North Island system			71,226,377	8·92
Total line losses, South Island system			33,665,185	13·81
Total line losses, Southland system			8,275,466	26·16
Revenue—				
Per kilowatt (system maximum)—				£
North Island system				6·83‡
South Island system				6·49‡
Southland system				20·62‡
Per unit generated—				d.
North Island system				0·294
South Island system				0·333
Southland system				1·166
Per unit distributed—				
North Island system				0·326
South Island system				0·393
Southland system				1·580
Per unit sold—				
North Island system				0·326‡
South Island system				0·393‡
Southland system				1·580‡
Working-costs—				
Per kilowatt (system maximum)—				£
North Island system				1·24
South Island system				1·30
Southland system				7·89
Per unit generated—				d.
North Island system				0·0534
South Island system				0·0660
Southland system				0·4100
Per unit distributed—				
North Island system				0·0586
South Island system				0·0770
Southland system				0·4100
Per unit sold—				
North Island system				0·0592
South Island system				0·0786
Southland system				0·6050
Capital charges				
Per kilowatt (system maximum)—				£
North Island system				3·07
South Island system				4·71
Southland system				11·90
Per unit generated—				d.
North Island system				0·1321
South Island system				0·2420
Southland system				0·6800
Per unit distributed—				
North Island system				0·1456
South Island system				0·2810
Southland system				0·6800
Per unit sold —				
North Island system				0·1465
South Island system				0·2850
Southland system				0·9120
Total costs—				
Per kilowatt (system maximum)—				£
North Island system				4·31
South Island system				6·01
Southland system				19·79
Per unit generated—				d.
North Island system				0·185
South Island system				0·309
Southland system				1·090
Per unit distributed—				
North Island system				0·204
South Island system				0·358
Southland system				1·090
Per unit sold—				
North Island system				0·206
South Island system				0·364
Southland system				1·517

‡ Based on gross revenue. For corresponding figures, based on revenue received from sale of electricity only, see Table XIII.