1952–53

VICTORIA

STATE ELECTRICITY COMMISSION OF VICTORIA

THIRTY-THIRD ANNUAL REPORT

FOR THE

FINANCIAL YEAR ENDED 30TH JUNE, 1952

TOGETHER WITH

APPENDICES

PRESENTED TO PARLIAMENT PURSUANT TO SECTION 35 (*b*) OF STATE ELECTRICITY COMMISSION ACT No. 3776.

By Authority:
W. M. HOUSTON, GOVERNMENT PRINTER, MELBOURNE

No. 1.—207/53.

YALLOURN POWER STATION

New "C" station under construction to house two 50,000 kW turbo-generator sets (first set for operation in 1953, second 1954)

STATE ELECTRICITY COMMISSION OF VICTORIA

FEATURES OF 1951-52 OPERATIONS

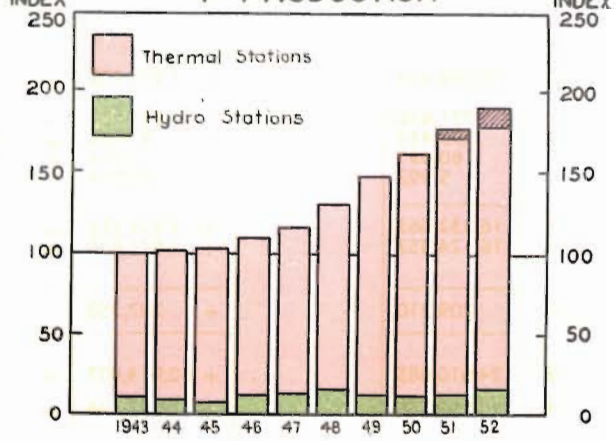
FINANCIAL		1951-52	1950-51	Increase or Decrease	Percentage
INCOME—					
Electricity Supply	£	15,099,864	11,524,389	+ 3,575,475	+ 31·0
Briquetting (after Stock Adjustment and less Sales to Works)	£	751,676	520,052	+ 231,624	+ 44·5
Brown Coal (less Sales to Works)	£	295,434	203,418	+ 92,016	+ 45·2
Tramways	£	180,697	175,063	+ 5,634	+ 3·2
Miscellaneous	£	5,992	31,576	— 25,584	— 81·0
	£	16,333,663	12,454,498	+ 3,879,165	+ 31·1
EXPENDITURE	£	16,124,453	12,452,638	+ 3,671,815	+ 29·5
NET SURPLUS	£	209,210	1,860	+ 207,350	—
CAPITAL EXPENDITURE—At end of Year	£	124,010,685	93,096,608	+ 30,914,077	+ 33·2
RESERVES—At end of Year	£	20,595,756	19,308,612	+ 1,287,144	+ 6·7
ELECTRICITY PRODUCTION AND SALES					
MAXIMUM COINCIDENT DEMAND ON POWER STATIONS (13th June, 1952)	kW	533,370	497,370	+ 36,000	+ 7·2
ELECTRICITY GENERATED—					
50 Cycle	kWh-millions	2,598·3	2,518·5	+ 79·8	+ 3·2
25 Cycle (Newport "A" Station acquired 21/1/51)	kWh-millions	193·4	87·0	+ 106·4	+ 122·3
ELECTRICITY SALES—					
General Supplies	kWh-millions	2,066·9	2,030·6	+ 36·3	+ 1·8
Railway Supplies	kWh-millions	171·2	70·7	+ 100·5	+ 142·1
NUMBER OF CONSUMERS (excluding Bulk Supplies)		443,014	415,682	+ 27,332	+ 6·6
AVERAGE kWh SOLD PER CONSUMER—					
Domestic		1,496	1,566	— 70	— 4·5
Industrial		29,025	32,171	— 3,146	— 9·8
Commercial		3,736	3,817	— 81	— 2·1
All Consumers (excluding Bulk Supplies)		3,623	3,577	+ 46	+ 1·3
AVERAGE PRICE PER kWh SOLD—					
Domestic	d.	2·063	1·679	+ 0·384	+ 22·9
Industrial	d.	1·415	1·141	+ 0·274	+ 24·0
Commercial	d.	2·639	2·178	+ 0·461	+ 21·2
All Consumers (excluding Bulk Supplies)	d.	1·844	1·495	+ 0·349	+ 23·3
MOTORS CONNECTED—					
Number		107,234	101,988	+ 5,246	+ 5·1
Horse-power		590,164	565,298	+ 24,866	+ 4·4
NUMBER OF FARMS SERVED		19,953	17,572	+ 2,381	+ 13·6
BRIQUETTES—					
Produced	tons	568,252	511,404	+ 56,848	+ 11·1
Sold and used at Power Stations	tons	566,767	503,613	+ 63,154	+ 12·5
YALLOURN OPEN CUT—					
Brown Coal Won	tons	6,480,723	6,056,331	+ 424,392	+ 7·0
YALLOURN NORTH OPEN CUT—					
Brown Coal Sold	tons	1,007,006	688,374	+ 318,632	+ 46·3
TRAMWAY PASSENGERS		12,381,958	13,738,274	— 1,356,316	— 9·9

TEN YEAR STATISTICAL REVIEW

BASE YEAR 1942/43 = 100

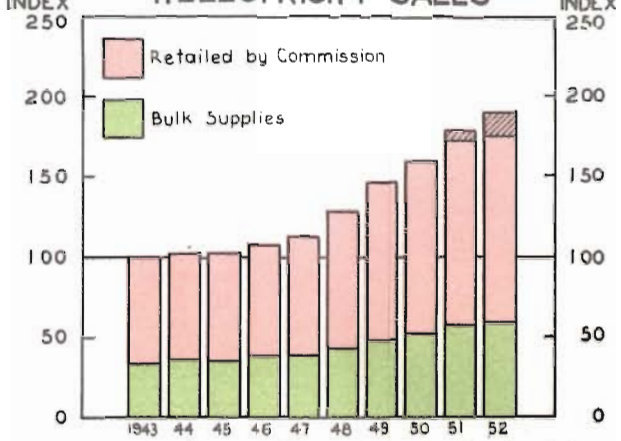
Notes: - 1. Statistics during the past seven years have been affected by electricity restrictions.
2. Shaded portions of graphs show effect of acquisition of Newport "A" (Railways) Power Station on 21st Jan 1951.

1. PRODUCTION



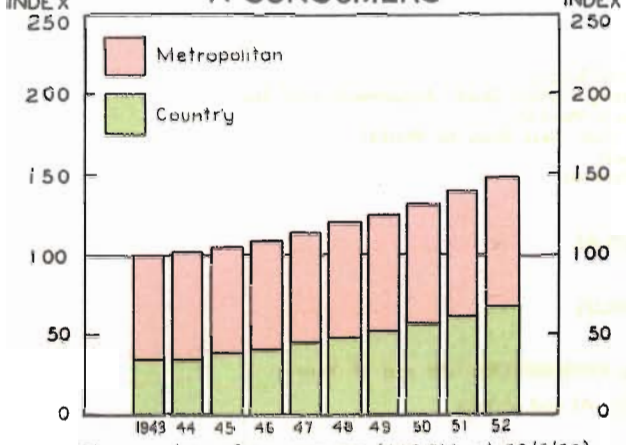
Production of electricity (2791·7 million kWh's in 1951/52) has almost doubled over the decade.

4. ELECTRICITY SALES



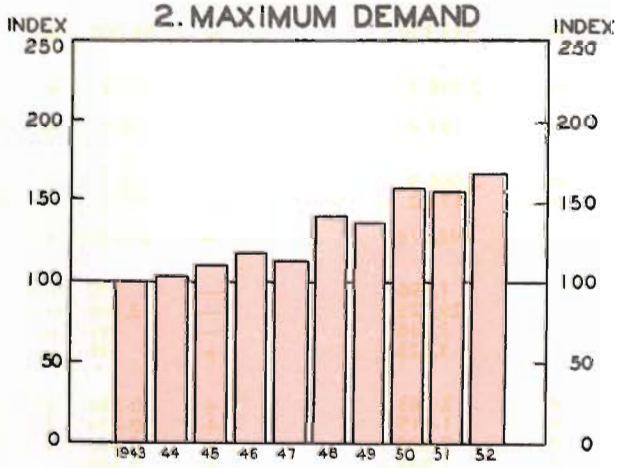
Sales 1951/52 were 2238·1 million kWh's - electricity restrictions were more severe this year. Notwithstanding this, sales (Railway Traction excluded) increased by 2 per cent over last year.

7. CONSUMERS



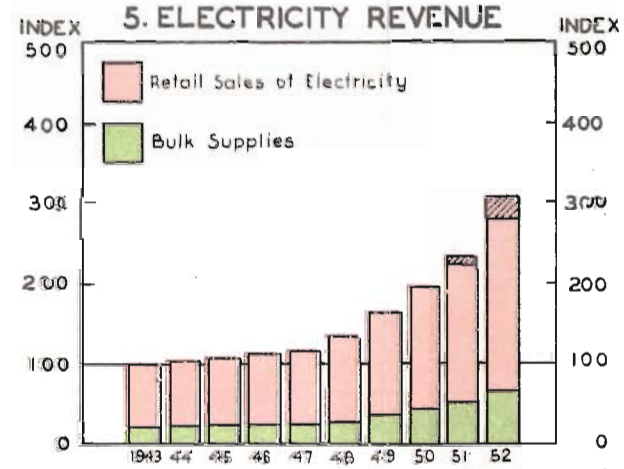
The number of consumers (443,014 at 30/6/52) has increased steadily during the decade. Country consumers have doubled.

2. MAXIMUM DEMAND



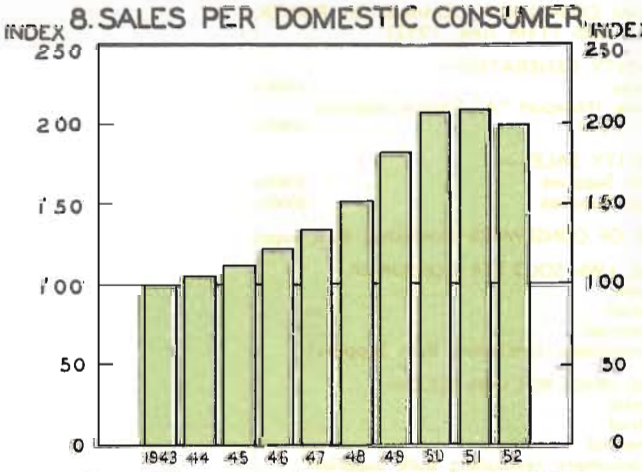
Maximum demands for 1951/52 were:
50 cycle - 468,370 kW
25 cycle - 71,400 kW

5. ELECTRICITY REVENUE



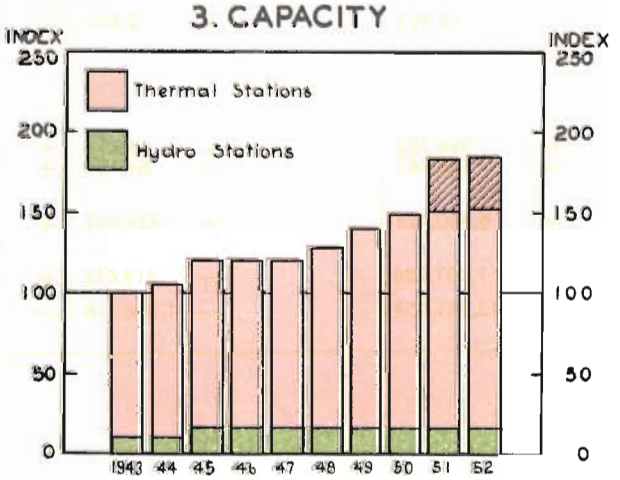
Over the decade, revenue (£ 15·1 million in 1951/52) has trebled - Rates have increased during the last four years to meet rising costs.

8. SALES PER DOMESTIC CONSUMER



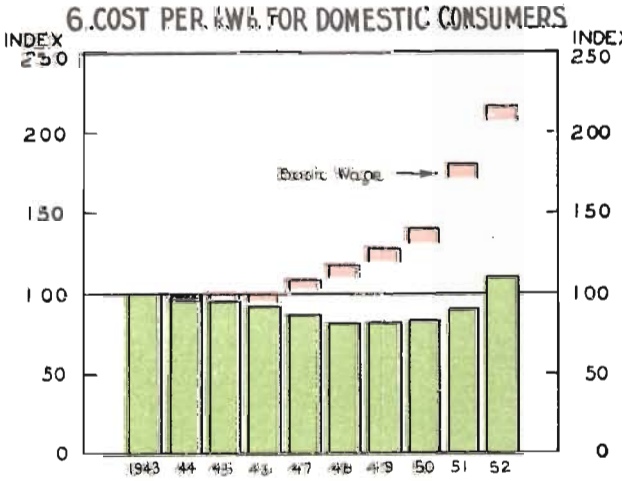
Since 1943 consumption per domestic consumer has increased from 756 to 1486 kWh's - but for restrictions on the use of electricity in recent years this increase would have been greater.

3. CAPACITY



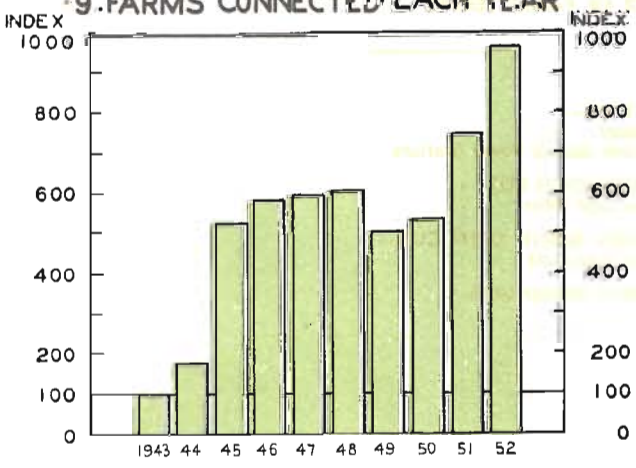
The installed capacity of generators was 630,295 kW at 30/6/52

6. COST PER kWh FOR DOMESTIC CONSUMERS



Revenue per kWh for domestic consumers is only one tenth higher than ten years ago. - in the meantime the basic wage has more than doubled

9. FARMS CONNECTED EACH YEAR



Total farms connected at 30th June 1952 was 19,953 - the increase for the year (2381) was the highest yet recorded.

THIRTY-THIRD ANNUAL REPORT

The Honourable K. Dodgshun, M.L.A.,
Minister in Charge of Electrical Undertakings,
MELBOURNE.

Sir,

In conformity with the provisions of Section 35(b) of the State Electricity Commission Act No. 3776, we have the honour to present the Thirty-third Annual Report of the Commission covering the financial year ended 30th June, 1952, together with the Balance Sheet and Profit and Loss Account.

It has been gratifying to Commissioners that it has been possible, since the close of the financial year, to remove the irksome restrictions on the use of electricity which have been necessary in some form or other during the past seven years; the only exception being the restriction on the connection of new off-peak hot water services. The several new generating plants under construction and referred to later in this report, should remove the threat of restrictions in the future, provided sufficient finance is available to the Commission to complete its construction programme as scheduled.

Another pleasing feature of the year's operations was the connection of 27,332 new consumers — by far the greatest number yet recorded, being 11 per cent. above last year's record; two-thirds were in country areas including 2,381 farms.

Maintenance of generating plants in the metropolitan area was affected seriously by the strike of certain metal tradesmen from February to April, 1952, but arrears have since been overtaken and plants are again being maintained at satisfactory standards.

FINANCIAL

The sound financial position of the Commission is reflected in the result of the year's operations. The surplus for the year was £209,210, after providing full interest, depreciation and sinking fund payments, and after writing out £441,777 representing expenditure arising directly from the need to defer certain capital works because of insufficient loan funds.

Income from all sources totalled £16,333,663 — an increase of £3,879,165 (31·1%). Because of the continued and marked increase in general costs, expenditure was £3,671,815 (29.5%) higher.

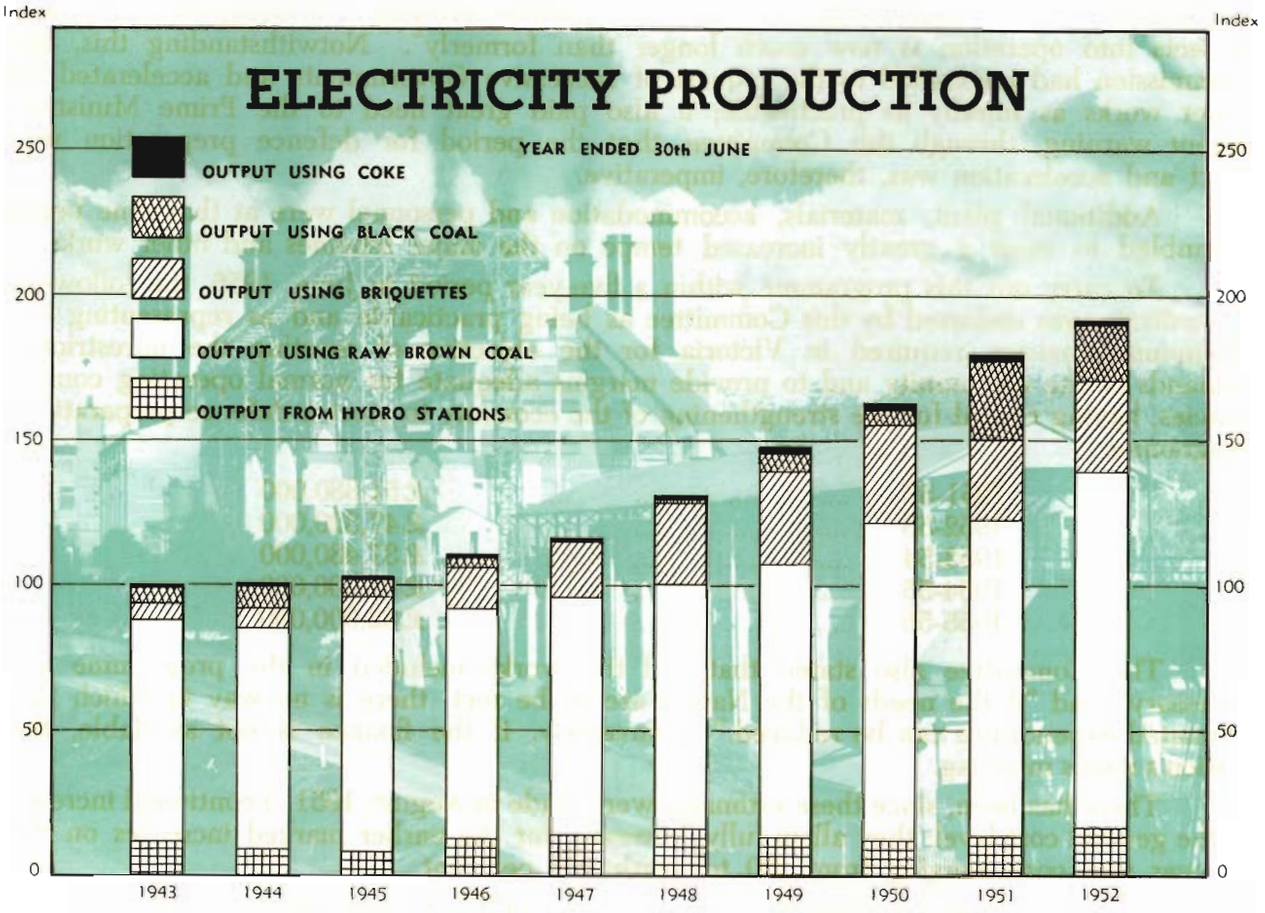
It has been necessary to increase charges both for electricity and fuel (briquettes and brown coal). While no large surplus is anticipated for 1952/53, adequate revenue to meet current costs at the higher levels will be available this financial year provided there are no exceptionally heavy increases in wage rates and other charges.

ELECTRICITY SUPPLY

Sales totalled 2,238 million kilowatt-hours. Excluding Victorian Railways traction, there was an increase of 2% over last year, despite the "quotas" and the more severe restrictions on the use of electricity.

FUEL SUPPLIES

Over the last decade, the output from the Commission's power stations has almost doubled. Most of the fuel needed for this increased electricity production has been met from Victoria's own resources – brown coal or briquettes (see accompanying graph).



As reported in previous years, during and since World War II the only practicable extension of the State generating system has been at stations originally designed for peak load operations (particularly Newport Power Station). These stations, therefore, now are carrying a substantial portion of the base load and much greater quantities of fuel are needed in the metropolitan area.

Special measures have had to be taken to obtain adequate fuel – the Government contracted last year for the supply for power station purposes of coal from Callide (Queensland) over a period of three years; also shipments of black coal were obtained from India and South Africa. 562,198 tons of Yallourn North brown coal were used at Newport and 66,906 tons at Geelong.

As the result of these measures, sufficient fuel was available during the past winter, although the use of inferior fuels has substantially increased costs.

MAJOR EXTENSIONS TO GENERATING PLANT

Since World War II the Commission has installed approximately 100,000 kilowatts of new generating plant – equal to about 25 per cent. of the total installed capacity of the system seven years ago; over the same period, the annual electricity production has increased by 80 per cent. As an instalment of the major programme to which the Commission is committed, and provided finance is assured, an additional 200,000 kilowatts of new generating plant – 40 per cent. increase – will be added to the State supply system by the winter of 1954.

Inclusive of these additions, the Commission has on order, and aims to instal by the end of 1958, nearly 750,000 kilowatts of new generating plant – or approximately 1½ times the present installed capacity. Again, progress is dependent entirely upon finance. This programme is detailed on page 12 of this report.

With the financial difficulties at present facing the Commission, efforts are being concentrated on those works nearing completion but, generally, all works have been retarded to some extent.

TEMPO OF MAJOR WORKS PROGRAMME

The Commonwealth/State Consultative Committee on Electric Power, which first met in August, 1951, and reported to the Prime Minister finally on 5th December, 1951, stated that it was a "regrettable fact . . . that the time involved in bringing electric power projects into operation is now much longer than formerly". Notwithstanding this, the Commission had responded to the request of successive Governments and accelerated its major works as rapidly as practicable; it also paid great heed to the Prime Minister's urgent warning, through this Committee, that the period for defence preparation was short and acceleration was, therefore, imperative.

Additional plant, materials, accommodation and personnel were at that time being assembled to meet a greatly increased tempo on the major schemes and other works.

To carry out this programme within a five-year period to June, 1956, the following expenditure was endorsed by this Committee as being practicable and as representing the minimum provision required in Victoria for the objective of meeting the unrestricted demands of the community and to provide margins adequate for normal operating contingencies, having regard for the strengthening of the economy to meet a defence preparations programme:—

1951-52	£51,880,000
1952-53	£47,320,000
1953-54	£37,480,000
1954-55	£32,000,000
1955-56	£32,000,000

The Committee also stated that "all the works included in the programme are necessary" and "if the needs of the Nation are to be met, there is no way in which this estimated expenditure can be reduced." Conversely, if the finance is not available, the Nation's needs must lag.

There has been, since these estimates were made in August, 1951, a continued increase in the general cost level: they allow fully, however, for the earlier marked increases on the pre-war unit costs ranging from 130 to nearly 200 per cent.

Against an original estimate of nearly £52 million for the financial year 1951/52, the Commission's loan raising authority was restricted to £39 million, but it was possible to raise only £32 million (£9 million of which was by State Government advances). Thus, works programmes were cut in keeping with the limited loan monies available and the discouraging prospect for 1952/53 means that there must be still larger cuts.

SHORTAGE OF LOAN FUNDS

Planning for large scale electricity and fuel projects must necessarily involve commitments over periods of up to five or six years ahead. But there is no means in Australia today of a State instrumentality ensuring that sufficient funds will be available for the uninterrupted manufacture and erection of these large plants or construction of projects. While the physical works and related plant commitments have to be planned and undertaken on a long-term basis, the finance, perforce of circumstances, is planned for less than a year ahead: yet the Commission with the Governments of the day has been forced to make considerable contractual commitments in advance so that those projects sanctioned by Parliament can proceed.

This is a situation vastly different from the practice of private enterprise. It is one which concerns all large instrumentalities of the Crown throughout Australia, and particularly those whose finance for new projects rests solely or mainly upon their own borrowing authority. Its implications now have been demonstrated, in the experience of the Commission, to be so serious that the problem of forward finance clearly demands solution on a national basis.

In the case of the Commission, if it is to meet its commitments and maintain even a very low tempo of construction work in the field, it must have, during 1952/53 and for some years ahead, at least £30 million annually. This amount is well within approved loan raisings for 1952/53, but unfortunately, the total sum is unlikely to be obtained under the present market conditions and the Commission will need special assistance. Heavy reductions in personnel have been made; plant and materials accumulated for the earlier construction programme have been, and are being, sold; and the organisation has been adjusted to a low rate of capital spending.

PROVINCIAL TRAMWAYS — REVENUE £180,697: LOSS £206,740

It is with grave concern that the Commission has, with each succeeding year, directed the Government's attention to the adverse financial result of all three provincial tramway systems, and emphasised that these services have never been economically justified. This conclusion has been confirmed by independent reports on Ballarat, Bendigo and Geelong street transport systems.

This year the revenue for the three systems was only £180,697, while the loss totalled £206,740, despite measures for a more economical working of the systems without unduly reducing the services.

Fewer passengers are using the services, while wages and other costs are increasing the already heavy burden of loss which continues to be borne by the consumers of electricity throughout the State, who have, to date, subsidised provincial tramway services by nearly £1,200,000.

ANNUAL ACCOUNTS

SUMMARY OF INCOME AND EXPENDITURE

Year Ended 30/6/1951 £		Year Ended 30/6/1952 £
	Income—	
11,524,389	Electricity Supply	15,099,864
520,052	Briquetting	751,676
203,418	Brown Coal	295,434
175,063	Provincial Tramways	180,697
31,576	Miscellaneous	5,992
£12,454,498	Total Income	£16,333,663

£	*Less Expenditure—*	£	
11,182,449	Electricity Supply	14,148,117	
579,182	Briquetting	786,544	
197,417	Brown Coal	250,027	
337,511	Provincial Tramways	387,437	
156,079	Miscellaneous	110,551	
—	Expenditure Associated with Deferment of Works	441,777	
12,452,638	Total Expenditure		16,124,453
£1,860	*Surplus*		£209,210

Full provision has been made for Interest, Depreciation and Sinking Fund Payments.

As compared with the previous year the increases in Receipts and Expenditure were as follows:—

Total income	£3,879,165 (31·1 per cent.)
Income from Electricity Supply	£3,575,475 (31·0 per cent.)
Income from Briquetting	£231,624 (44·5 per cent.)
Income from Brown Coal	£92,016 (45·2 per cent.)
Income from Provincial Tramways	£5,634 (3·2 per cent.)
Total Expenditure	£3,671,815 (29·5 per cent.)

The General Profit and Loss Account, Balance Sheet, Schedules of Fixed Capital, Loans raised by the Commission, and Debentures guaranteed by the Commission are shown in Appendices Nos. 1 to 4.

RESERVES

Reserves at 30th June, 1952, were:—

	£	
Depreciation Reserve	15,387,228	(Increase of £1,095,801)
National Debt Sinking Fund Reserve	2,357,966	(Increase of £191,334)
State Electricity Commission Sinking Fund Reserve	353,876	(Decrease of £238,301)
Contingency and Obsolescence Reserve	735,356	
Rural Development Reserve	1,200,000	
General Reserve	561,330	(Increase of £238,301)
Total	£20,595,756	(Increase of £1,287,144)

Except for £1,608,089 used for Sinking Fund payments the Depreciation Reserve is invested in the business of the Commission. The amount in the Sinking Fund Reserve in respect of matured loans (£238,301) was transferred to the General Reserve.

Because of the shortage of loan funds the Commission was forced to sell investments held in respect of the Contingency and Obsolescence Reserve, and, to the 30th June, 1952, £429,669 was realised.

LOAN LIABILITY

Total loan liability at 30th June, 1952, was £117,048,987.

The commitments involved are:—

Liability to State of Victoria	£27,542,908
State Electricity Commission of Victoria Loans	89,500,651
Municipal Debentures in respect of Undertakings acquired	5,428
	£117,048,987

Loan Liability has increased this year by £33,401,944

(a) Indebtedness to State of Victoria (including £1,728,739 transferred from Victorian Railways in respect of the Newport Power Station)		£10,750,054
(b) State Electricity Commission Loans		23,165,214
		£33,915,268
Less—		
(a) Reduction of indebtedness to State through National Debt Sinking Fund	£264,303	
(b) Redemption of State Electricity Commission Loans	246,112	
(c) Redemption of Municipal Debentures guaranteed by Commission	2,909	
		513,324
		£33,401,944

Included in the State Electricity Commission Loans were the following public loans (term of each — 10 years):—

Amount £	Interest Rate Per Cent. £ s. d.	Amount from Public Subscriptions £
6,000,000	3 10 0	2,646,900
3,000,000	4 2 6	4,929,800
3,000,000	4 2 6	4,211,150
3,500,000	4 2 6	2,256,750

The unfavourable response to the £6 million loan was attributable largely to an announcement during the period the loan was open for subscription that the interest rate on Commonwealth Loans was to be increased.

With the approval of the Loan Council amounts oversubscribed on individual loans were retained; undersubscriptions were met by Underwriters.

. . .

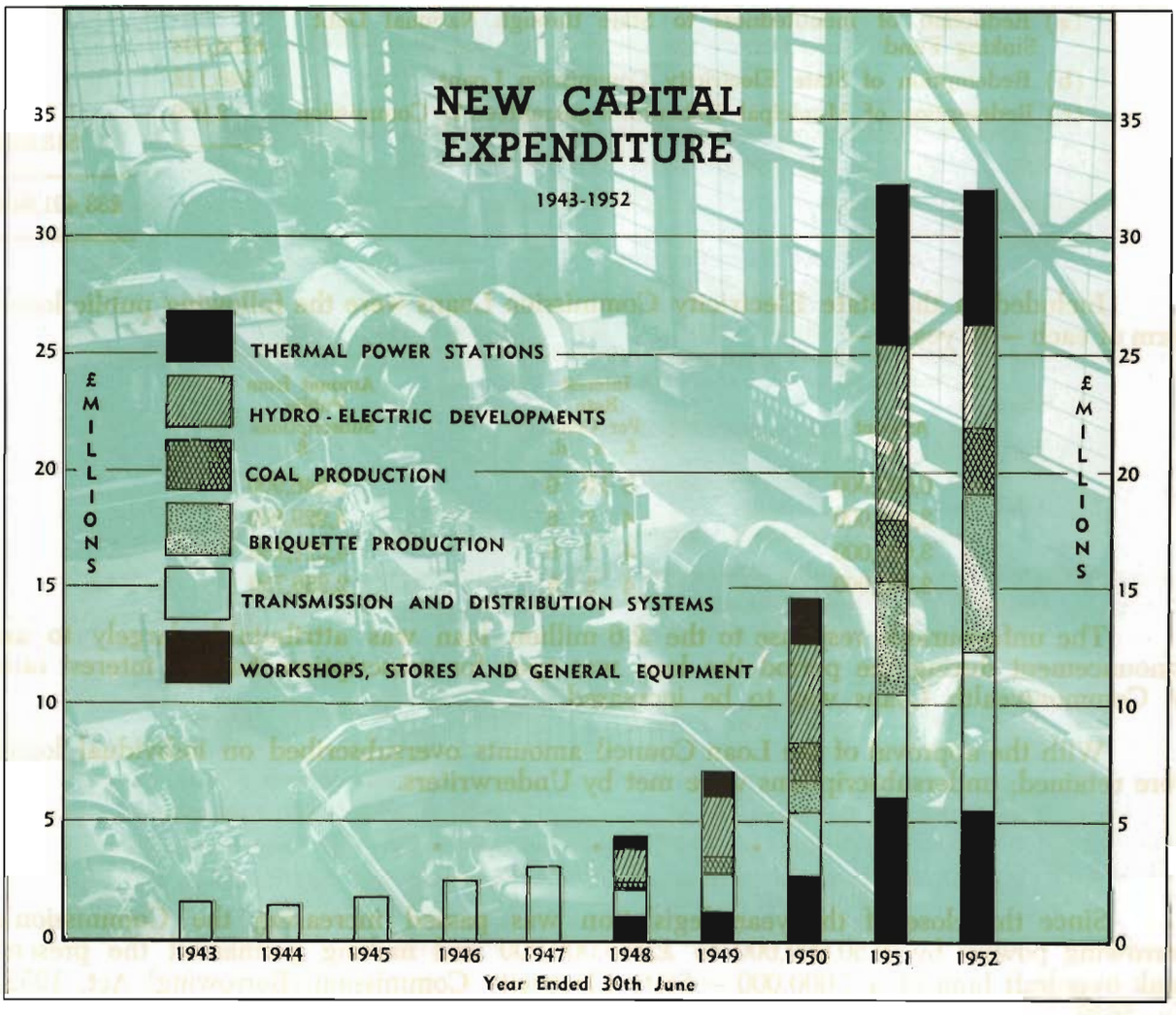
Since the close of the year, legislation was passed increasing the Commission's borrowing powers by £50,000,000 to £165,000,000 and making permanent the present bank overdraft limit of £7,000,000 — State Electricity Commission (Borrowing) Act, 1952, No. 5639.

CAPITAL EXPENDITURE

Total capital expenditure at 30th June, 1952, was £124,010,685, an increase of £30,914,077 for the year, after deduction for retirements and the writing out of non-productive expenditure.

The principal increases were in the following accounts:—

Coal Production—	
Morwell	£1,349,108
Yallourn	1,029,923
Briquette Production—	
Morwell	4,802,546
Yallourn	194,745
Power Production—	
Thermal Stations—Yallourn	2,204,634
Richmond	1,494,259
Newport	739,949
Ballarat	419,325
Geelong	130,649
Shepparton	325,274
Warrnambool	244,645
Mildura	179,335
Hydro Stations—Kiewa	2,002,295
Transmission System	1,828,668
Terminal Transformation	1,747,889
Distribution System—	
Metropolitan	686,903
Provincial and Country Branches	2,308,879
General—	
(Construction plant, townships, roads, services, accommodation, workshops, stores, buildings, etc.)	
Kiewa	1,613,973
Morwell	2,047,669
Yallourn	2,000,567
Head Office and Electricity Supply Branches	3,483,259



DISPOSAL OF PLANT AND MATERIALS

Earlier in this report reference was made to the shortage of loan funds and the reduction in the tempo of the major works programme. One of the unfortunate results is that plant and materials which had been purchased are now surplus to requirements; endeavours are being made to sell surplus items to the value of £3¾ million.

To the date of this report just on £1¾ million had been realised, mostly from sales of new equipment and materials, and at a small profit overall. Prices obtained for second-hand items generally have been in keeping with their original cost less reasonable depreciation.

SYSTEM GENERATING CAPACITY

Generating plant on order, including associated boiler plant as necessary, its location and date of operation (subject to finance being available) are as follows:—

Plant	Planned Date of Operation (as at 30/6/52)
Yallourn Power Station—	
Four 50,000 kW turbo-generator sets	1953 onwards
(To come into operation at intervals of approximately 12 months)	
One 6,000 kW turbo-generator	1954
Newport Power Station—	
One 30,000 kW turbo-generator set	Complete December 1952
(Railways traction frequency — 25 cycle; turbo-generator and first boiler already installed — installation of second boiler in progress)	
For interchange between the 25 and 50 cycle systems, a 30,000 kW frequency changer is being installed and will be completed by the end of 1952.	
One 40,000 kW turbo-generator set	1955/56
(Location under review)	
Richmond Power Station—	
One 38,000 kW turbo-generator set	1952/53
(Installation of turbo-generator and one of the two associated boilers completed)	
Kiewa Hydro-Electric Project—	
Four 15,400 kW turbo-generators — No. 4 Power Station	1953/54
Four 16,000 kW turbo-generators — No. 1 Power Station	1955/56
Regional Power Stations—	
Shepparton—	
Six 830 kW diesel generating sets	1952
(Five sets in operation 30/6/52)	
Three 1,850 kW diesel generating sets	1952/53
Warrnambool—	
Six 830 kW diesel generating sets	1952
(Two sets in operation at 30/6/52)	
Geelong—	
Three 10,000 kW packaged generating sets	1953
Ballarat—	
Four 5,000 kW packaged generating sets	1953
Mildura—	
Two 5,000 kW packaged generating sets	1953
Spencer Street Power Station (Melbourne City Council)—	
One 30,000 kW turbo-generator set	1953
One 15,000 kW turbo-generator set	1953
Morwell Briquette Factories—	
(By-product Electricity)	
35,000 kW — Factories Nos. 1 and 2	1956/57
35,000 kW — Factories Nos. 3 and 4	1959/60
Eildon Hydro-Electric Project—	
Two 60,000 kW turbo-generators	1956

HUME WEIR—

Reference has been made elsewhere in the report to the use of the Hume waters for power generation purposes. Two 25,000 kW turbo-generators are to be installed by 1955; the output is to be shared by New South Wales and Victoria.

USE OF EILDON, HUME AND OTHER IRRIGATION WATERS FOR POWER GENERATION

EILDON PROJECT

The State Rivers & Water Supply Commission is to increase the capacity of the Eildon Reservoir from 306,000 to 2,750,000 acre feet and the new dam is being constructed by the Utah Construction Co. of U.S.A.

Reference has been made in previous reports to the agreement with the State Rivers & Water Supply Commission concerning the installation by this Commission of 120,000 kW of generating plant at this location. The reservoir is to be enlarged beyond the requirements of irrigation so that water will be available for emergency and peak winter electricity demands (normally water from irrigation storages is released during the summer period when the demand for electricity is lowest; thus, at that portion of the year when electricity demand is highest, storages are filling and there is no regular output of electricity).

Two 60,000 kW turbo-generators are on order and will be installed in a new power house building to be constructed by the Utah Construction Co. Also the two existing turbo-generators will be reconstructed and installed in the new station, and will contribute 15,000 kW at times of peak demand during non-irrigation months.

Detailed design of the power station is being undertaken by Balfour, Beatty & Co. Ltd., a British firm of consultants.

HUME PROJECT

Previous reports have referred to the adoption by the Commonwealth Government and the States concerned, of the proposal of the River Murray Commission to increase the capacity of the Hume Reservoir from 1¼ million to 2 million acre feet; also to the agreement between the State Electricity Authorities of New South Wales and Victoria regarding the use of the water for electricity generation.

The power station (two 25,000 kW turbo-generators) will be located in New South Wales, and is to be installed and operated by that State. The station is being designed by this Commission; detailed drawings are being undertaken by Sir Alexander Gibb and Partners, a British firm of consultants.

The output and annual costs will be shared by the two Electricity Authorities. The two turbo-generators have been ordered by the New South Wales Department of Public Works.

OTHER IRRIGATION PROJECTS

As reported in previous years, provision has been made for a hydro-electric development of 1,600 kW at the Cairn Curran Reservoir (near Maldon). The practicability of installing hydro-electric plants at other irrigation projects is being studied as developments proceed.

FINAL PHASE OF RURAL ELECTRIFICATION OF THE STATE

As mentioned in last year's report, the Commission in September, 1951, presented to Parliament a Report and Developmental Plan covering the Final Phase of Rural Electrification of Victoria to be completed within ten years. The report provides for:—

(a) 178,000 consumers to be connected in areas outside the metropolis; of this number, only 22,000 homes are at present receiving supply from local undertakings.

(b) 48 local undertakings in country areas to be acquired and supply extended to about 650 centres and other small settlements not at present having electricity available from public mains.

On completion of the plan, there will remain without supply 15,000 homes in the most isolated parts of the State, but every effort will be made to include as many as possible in the plan.

The capital cost of the plan, including the Murray Valley Regional scheme approved in August, 1950, is estimated at approximately £45,000,000.

CONNECTION OF NEW CONSUMERS

There were 27,332 new consumers — a record year for the Electricity Supply Department. For the first year since World War II, ample material supplies were forthcoming, but it was only by the co-operation of country consumers in the "self-help" scheme that sufficient finance was obtained to achieve this result. Under this scheme, consumers in new supply areas agreed to contribute 50 per cent. of the capital cost involved in extending supply to their properties, this amount being offset against electricity charges for a period of five years when any balance would be refunded: as from 1st July, 1952, interest is being credited on contributions.

SUMMARY OF PROGRESS — 88,000 NEW CONSUMERS IN FOUR YEARS

Year ended 30th June	New Consumers Connected			Farms Connected
	Total	Metropolitan Area	Outside Metropolitan Area	
1949	16,877	6,104 (36 per cent.)	10,773 (64 per cent.)	1,238
1950	18,870	6,380 (34 per cent.)	12,490 (66 per cent.)	1,322
1951	24,677	8,156 (33 per cent.)	16,521 (67 per cent.)	1,831
1952	27,332	8,518 (31 per cent.)	18,814 (69 per cent.)	2,381
Total for Four Years	87,756	29,158 (33 per cent.)	58,598 (67 per cent.)	6,772
Total for Four years prior to war	47,064	24,398 (52 per cent.)	22,666 (48 per cent.)	2,992

Extra metropolitan consumers have more than doubled and the number of farms connected has almost trebled during the last decade despite war and post-war difficulties. The extent of the country electrical development is evident from the following statistics and the further information in the "Ten Year Statistical Review" — Graphs 7 and 9 — at the front of this report:—

Financial Year	Total Consumers served by Commission	Extra Metropolitan Consumers	Farms Supplied
1941-42	292,341	96,981	6,785
1946-47	339,286	132,653	11,680
1951-52	443,014	201,196	19,953

During 1951/52 more than twice as many consumers were connected in provincial and country areas as in the metropolis, whereas, prior to the war, the number was approximately equal.

The extent of the work undertaken in country districts is emphasised by the following comparison:—

	Outside Metropolitan Area	Metropolitan Area
Poles erected	13,656	1,384
High voltage lines erected	520·1 miles	12·6 miles
Low voltage lines erected	478·8 miles	43·4 miles
Substations erected	763	44

ELECTRICITY SUPPLY TARIFFS

The Commission has been seriously concerned at the general upward trend in costs of labour, materials and services, which has brought a substantial increase in operating and capital expenditure. To meet this position, tariffs have had to be increased by about 20 per cent. as from the 1st July, 1952 (public lighting as from 1st October, 1952). The new tariff schedules are shown in Appendix No. 13. These tariff adjustments were formulated to ensure an increase in annual revenue of £3,000,000 per annum.

Rates today are generally more favourable to the consumer in Victoria than in any other State on the mainland (electricity in Tasmania is cheaper as it depends solely on hydro generation under satisfactory conditions for water power development). Allowing for currency values, the overall average rate in Great Britain is about the same as Victoria, while in the United States of America the rate is considerably higher.

The average cost per kilowatt-hour to domestic consumers during the last ten years increased by only 10 per cent., compared with an increase of 116 per cent. in the basic wage during the same period (see Graph No. 6 — "Ten Year Statistical Review" — at the front of this report).

HOUSING AND ACCOMMODATION

At its major undertakings, the Commission, in addition to providing hostels for single men, has been compelled to undertake large new housing projects for its married personnel: the completion of these projects has had to be deferred because of the lack of finance. It was possible to complete 346 houses during the year and endeavours are being made to bring to completion those houses under construction which are most needed for Commission requirements.

Area	Completed at 30th June, 1952
Yallourn Area—	
Newborough	519
Yallourn North	197
Morwell	129
Kiewa	466
Newport	87
Total	1,398

The Victorian Housing Commission has assisted considerably by providing about 1,100 homes for Electricity Commission employees at Moe (771) and Morwell (325).

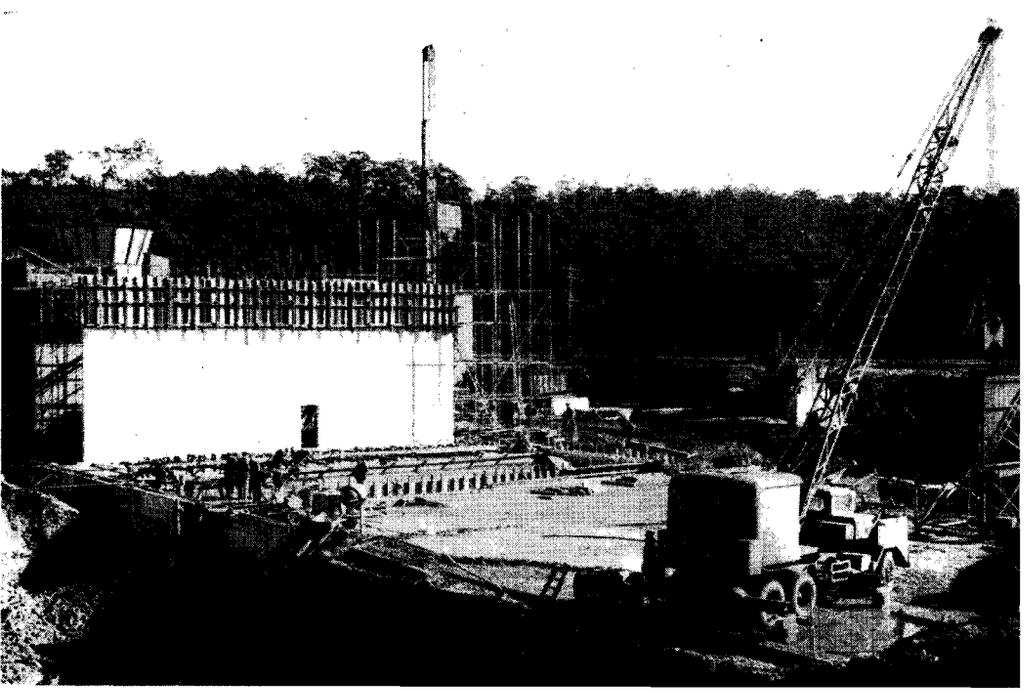
The number of men resident in Commission hostels was—

	At 30th June 1952	1951
Yallourn	2,010	2,596
Morwell	236	505
Kiewa	776	3,052
Metropolitan Area	223	292
Shepparton	38	26
Total	3,283	6,471

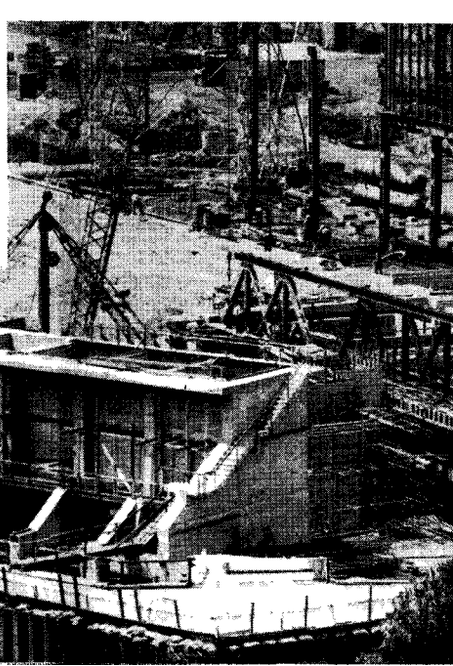
NEW "C" STATION UNDER CONSTRUCTION

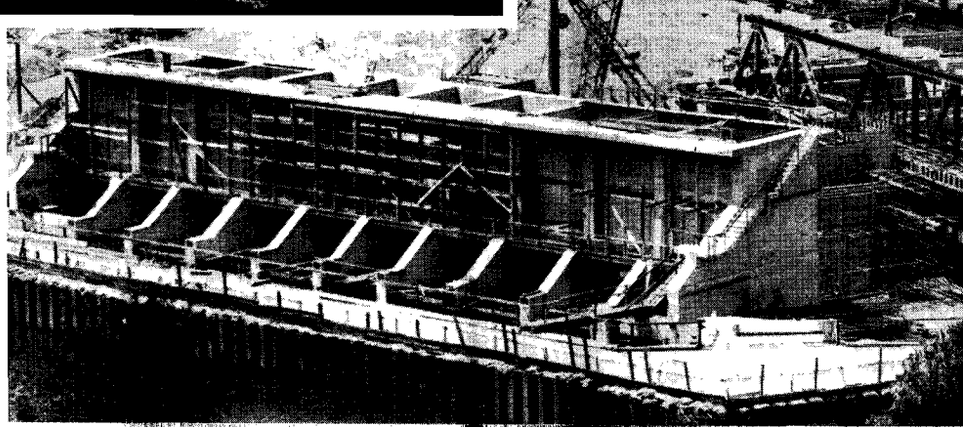
To house two 50,000 kW turbo-generator sets
(first set for operation late in 1953, second in 1954)

EXTENSIONS TO YALLOURN POWER STATION



FOUNDATIONS FOR No. 1 COOLING TOWER
(first cell under construction)





SCREEN PITS
at inlets for circulating water

MAJOR EXTENSIONS PROGRAMME

YALLOURN POWER STATION
(APPROVED DEVELOPMENT – FOUR 50,000 kW SETS)

Yallourn "C"

Two 50,000 kW turbo-generators, a 6,000 kW back pressure set and six 200,000 lb/hr. boilers were ordered in 1947.

The bases for the two turbo-generators have been completed and the first machine is being assembled. Of the six boilers, four are being erected and two of these are well advanced. The first condenser has been completed and pressure tested. Erection of structural steelwork for the boilerhouse and turbine building is proceeding. No. 1 cooling tower is under construction.

Yallourn "D"

With minor exceptions, this station will be similar in design and capacity to Station "C". Orders were placed in 1950 for the two 50,000 kW turbo-generators and associated boiler plant, also for the supply and erection of the boilerhouse building.

Most of the excavations for the boiler and turbine houses have been completed; boring has established that the foundations will be simpler than was originally thought necessary.

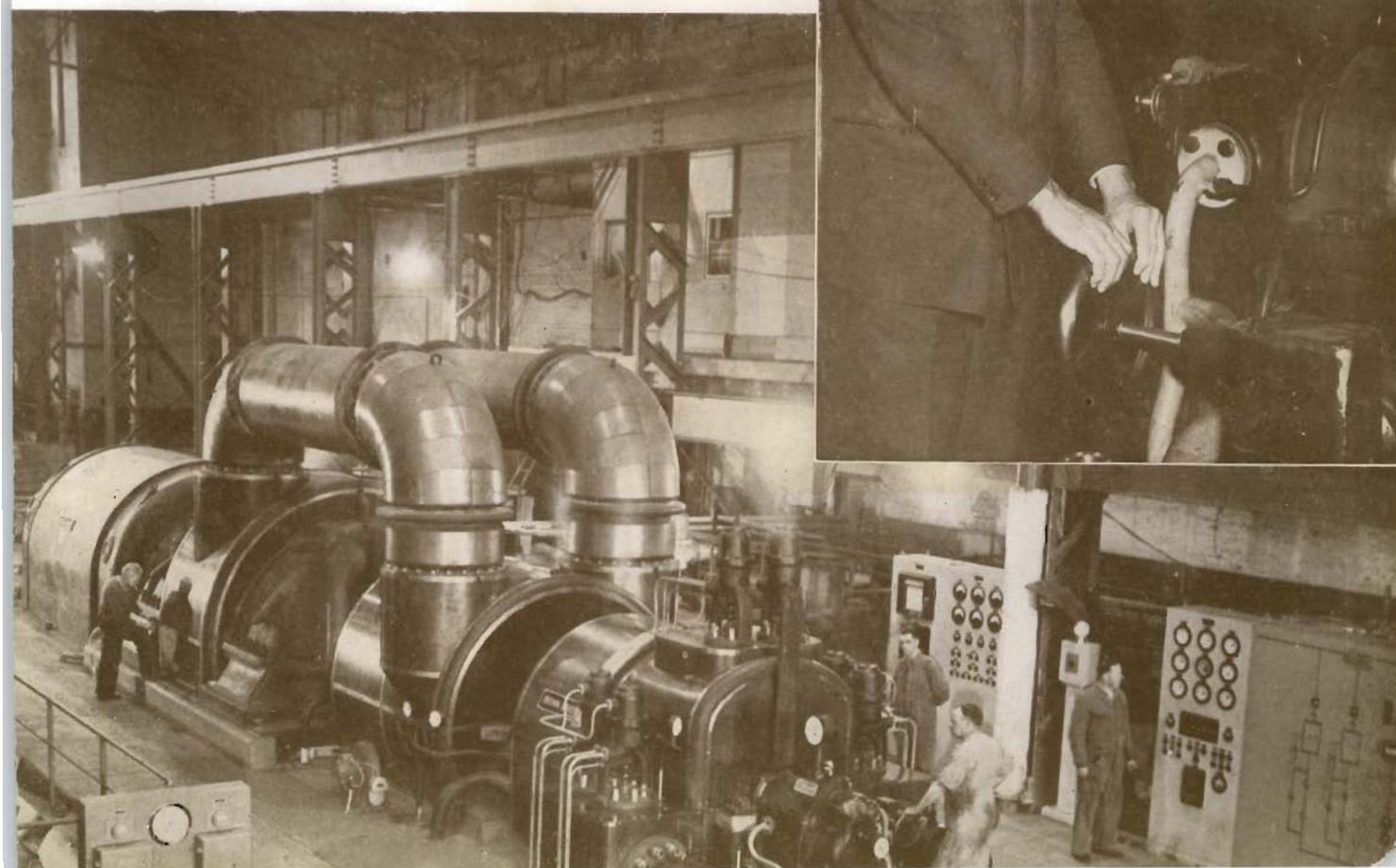
General

Plant has been ordered for coal handling arrangements to meet not only the requirements of the present Power Stations "A" and "B" but also the new Stations "C" and "D". Excavations for a ditch bunker and a slot bunker are completed and the pouring of concrete columns for the slot bunker is proceeding.

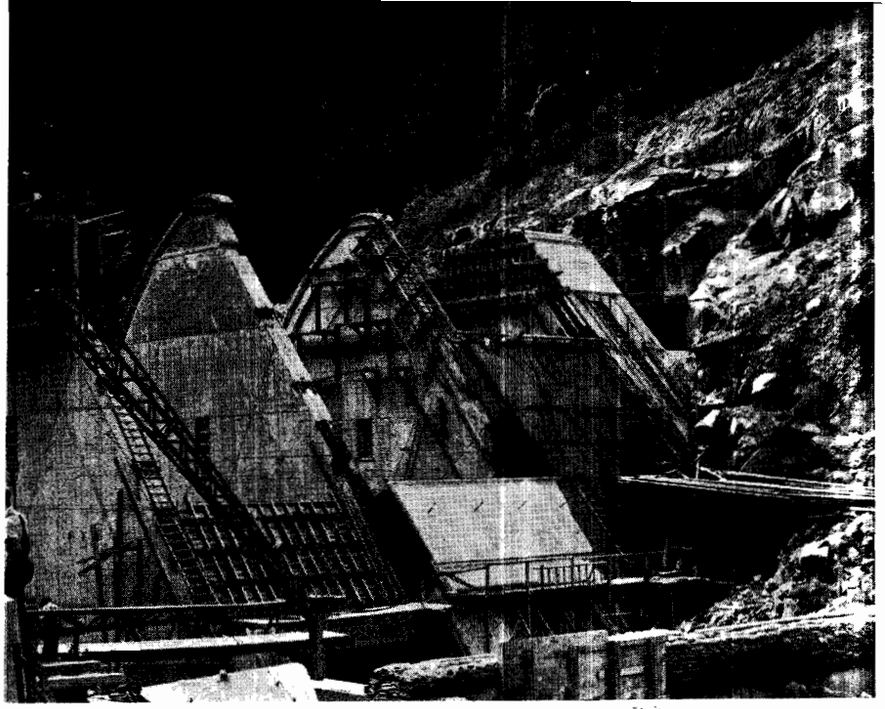
RICHMOND POWER STATION (ONE 38,000 kW SET)

This turbo-generator was placed in service in August, 1952, initially with one boiler in operation; unfortunately, there has since been a mishap to the machine – repairs are the responsibility of the contractor. The second boiler is to be installed by early 1953 and, in the meantime, repairs to the turbo-generator will have been completed.

Minister in Charge of Electrical Undertakings
(Hon. K. DODGSHUN, M.L.A.)
officially placing set in service on 28th August, 1952.

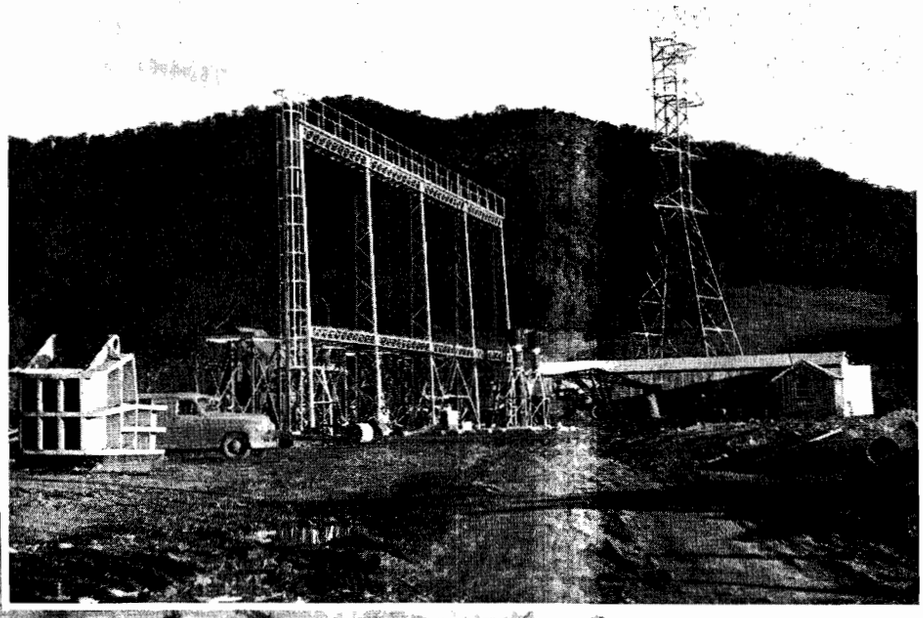


KIEWA HYDRO-ELECTRIC PROJECT

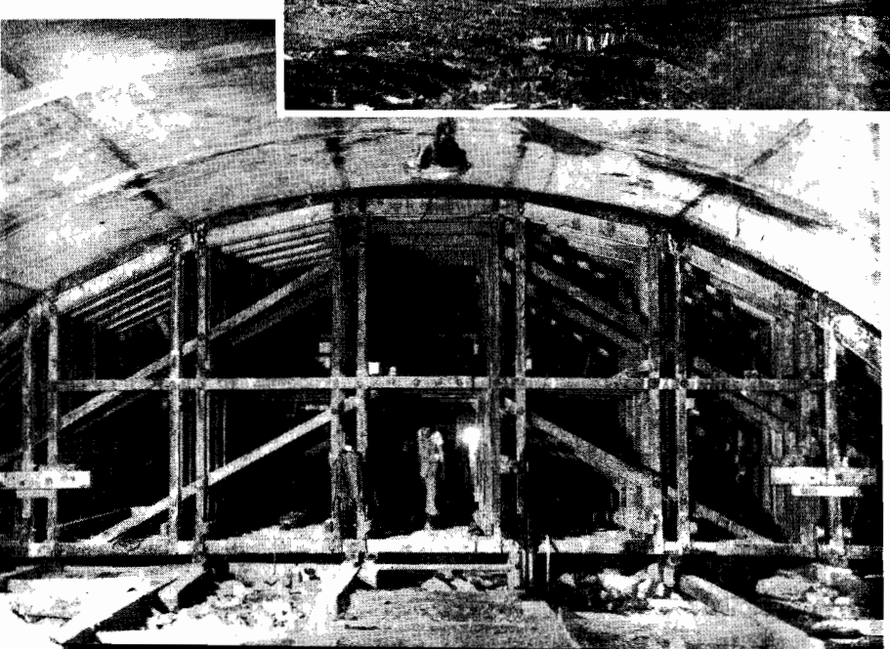


CLOVER DAM NEARING COMPLETION

BOGONG CREEK RACELINE
(Now in full operation)



220 kV TERMINAL STATION, MOUNT BEAUTY



ARCH FOR No. 4 POWER STATION
(450 feet underground)

KIEWA HYDRO-ELECTRIC PROJECT

The altered tempo of the works programme caused a reduction in the number of personnel employed on the project from 3,598 on 1st July, 1951, to 1,247 as at 30th June, 1952.

Water Storages on the High Plains

Work on these large dams on which the scheme is fundamentally based has had to be suspended; there was no progress during the year. At Rocky Valley, 76% of the total excavations for the earth and rock fill dam had been completed and the spillway shaft and tunnel and diversion tunnel excavated. Excavations at Langsford Gap for the diversion, ultimately, of water by racelines to the Rocky Valley Dam are 88% complete.

Preliminary site works and access roads for the larger dam at Pretty Valley had been brought to an advanced stage but certain of the erection plant has had to be dismantled.

No. 1 (Upper Development)

The French firm of Societe Etudes et Entreprises, under contract, have excavated 941 ft. (7%) of the headrace tunnel, commencing from the lower end. Work has been suspended at the upstream end of the tunnel which had been excavated to 103 ft. by Commission personnel.

The above firm is undertaking the detailed design of No. 1 Power Station; the delivery by English manufacturers of the four 16,000 kW turbo-generators (now to be installed by 1955/56) has been deferred for a period of twelve months.

No. 2 Development

The preliminary study of the various alternatives for this development has been completed by the Societe Etudes et Entreprises.

No. 3 Development (Bogong) — Installed Capacity 26,000 kW

This power station has operated since 1944. Additional water is now supplied from the Bogong Creek raceline which has been brought fully into operation since the close of the financial year.

No. 4 Development

The excavation and stripping of the headrace and tailrace tunnels and surge shafts has been completed and the pressure tunnel from the headrace tunnel to the underground power station almost completed. Excavation for the underground power station is well advanced and the concreting of the 480 ft. lift shaft is completed.

The control and switch buildings are almost completed and the switchyard is under construction.

Construction of Clover Dam is about 70% complete.

The manufacture and delivery of the four 15,400 kW turbo-generators is proceeding satisfactorily; the ultimate capacity of No. 4 development will be 61,600 kW.

No. 5 Development

Work on this development has been suspended.

NEWPORT POWER STATION

Station "A" — One 30,000 kW and One 40,000 kW set

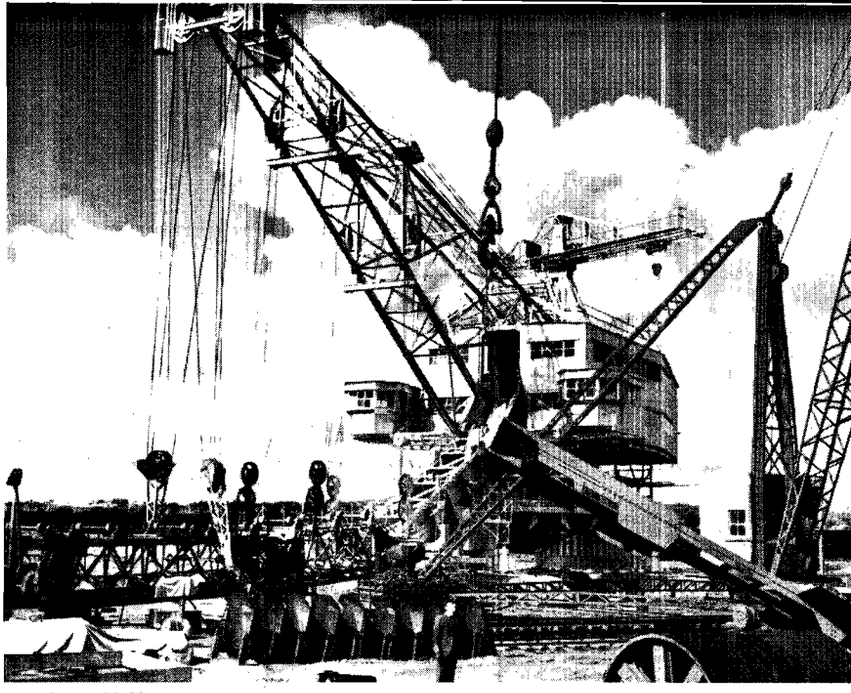
The installation of the 30,000 kW turbo-generator (frequency 25 cycles) and two boilers which was commenced by the Victorian Railways Commissioners before the station passed to this Commission's ownership in January, 1951, was continued by that authority; the turbo-generator and one boiler were completed and the second boiler is 90% complete. A 30,000 kW frequency changer is being installed and will increase the capacity for interchange between the 25 and 50 cycle systems to 52,000 kW.

Manufacture of the 40,000 kW turbo-generator (frequency 50 cycles) and associated boilers has commenced. Because of the shortage of loan funds the manufacture will be delayed; the location of this set is under review.

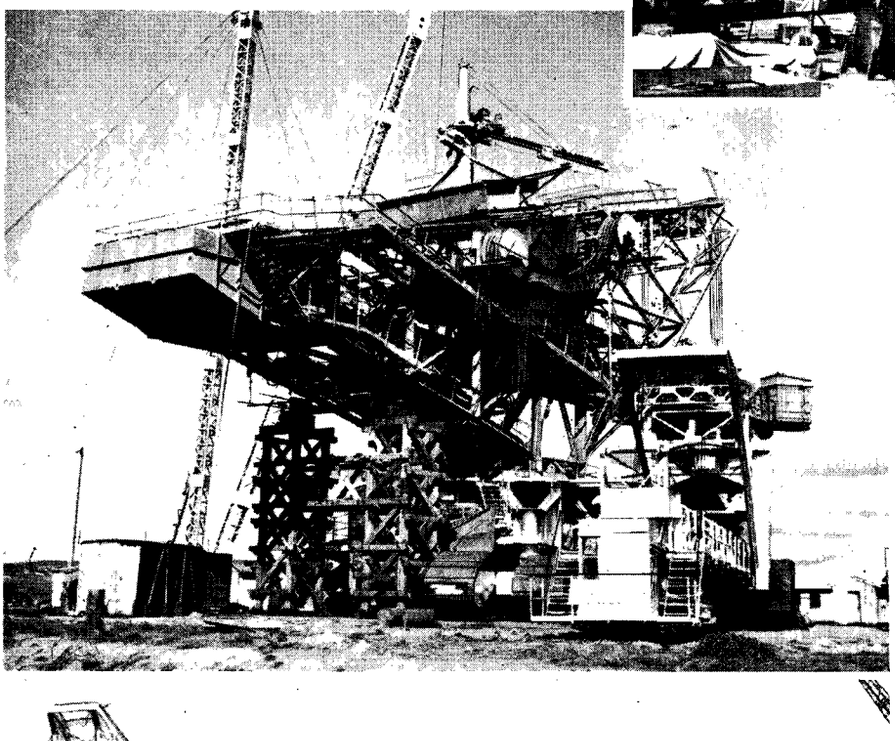
. . .

Plant is being installed to enable Station "B" to receive surplus steam from "A" and "C" stations, thus making fuller use of the installed generating capacity of this station.

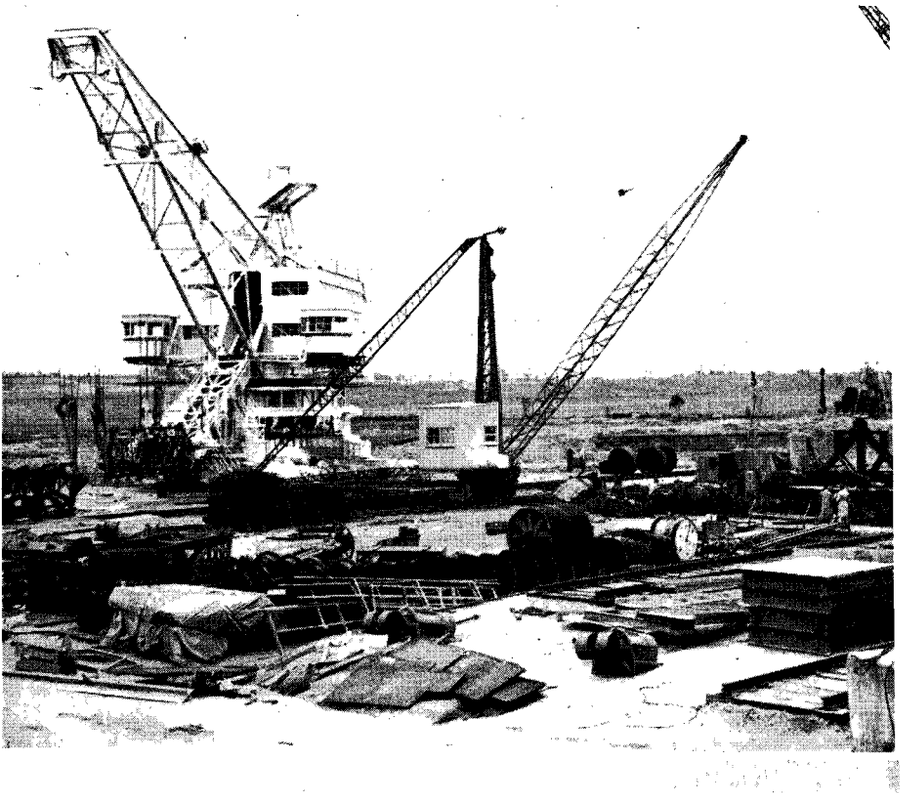
PLANT BEING ASSEMBLED FOR NEW MORWELL OPEN CUT



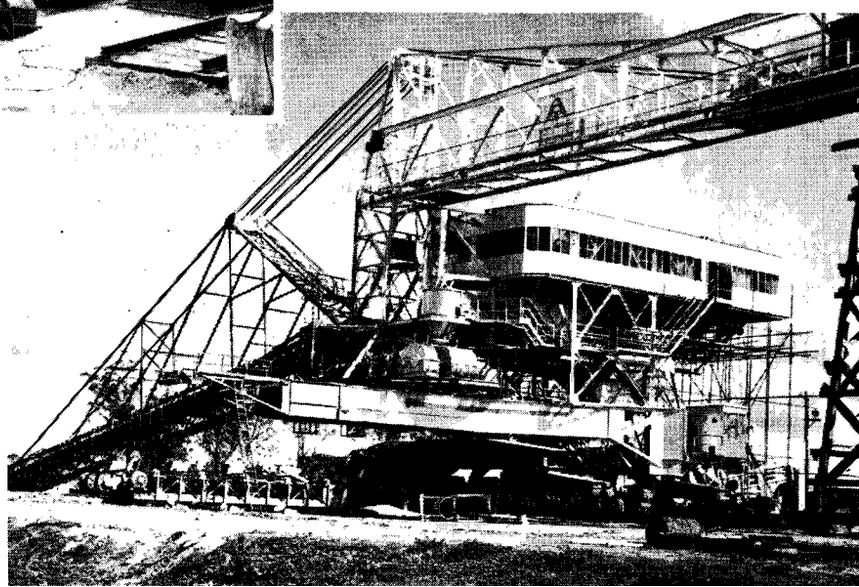
OVERBURDEN DREDGER
(Output 1,100 cubic yards per hour)
Australian manufacture
Value, £373,000



BUCKET WHEEL COAL DREDGER
(Output 1,100 cubic yards per hour)
Overseas Manufacture
Value, £330,000



ERECTION OF NEW DREDGER COMMENCED
(Foreground)
OVERBURDEN DREDGER ALMOST COMPLETED
(Background)
Both Australian Manufacture



OVERBURDEN SPREADER
(Capacity 1,170 cubic yards per hour)
Overseas Manufacture
Value, £330,000

YALLOURN OPEN CUT

New Overburden Spreader — value £330,000 (capacity 1,170 cubic yards per hour) — placed in service since close of the year.

NEW MORWELL OPEN CUT

Showing section of coal uncovered.

MORWELL BRIQUETTE PROJECT

Approved capacity — 2,600,000 tons briquettes per annum.

Briquette Factories

Arrangements have been made for completion of deliveries of plant for the first two factories to be deferred (without additional charge) from October, 1952, to March, 1953; and for the third and fourth factories from August, 1954, to December, 1956 (additional charge approximately £250,000 Sterling).

Deliveries of structural steelwork for the first two factories, boiler and turbine houses, are almost complete and about 65% of the plant and equipment is at the site. The contract for the foundations for these buildings is well advanced.

Open Cut

During the year, 1,526,770 cubic yards of overburden were removed from the new open cut, bringing the total to approximately 3,000,000 cubic yards. At the end of the year, sufficient overburden had been removed to enable future excavation by dredger.

Erection of one bucket-wheel dredger (capacity 1,100 cu.yds per hour) and one overburden spreader (capacity 1,170 cu.yds. per hour) both manufactured in Germany is complete, and the bucket chain overburden dredger (capacity 1,100 cu.yds. per hour) manufactured in Australia is nearing completion. Electrical equipment is being installed in each machine. Manufacture in Australia of a bucket-chain coal dredger (capacity 1,100 cu.yds. per hour) is proceeding. A further bucket-chain deep coal dredger (capacity 2,500 cu.yds. per hour) is to be ordered as soon as finances permit.

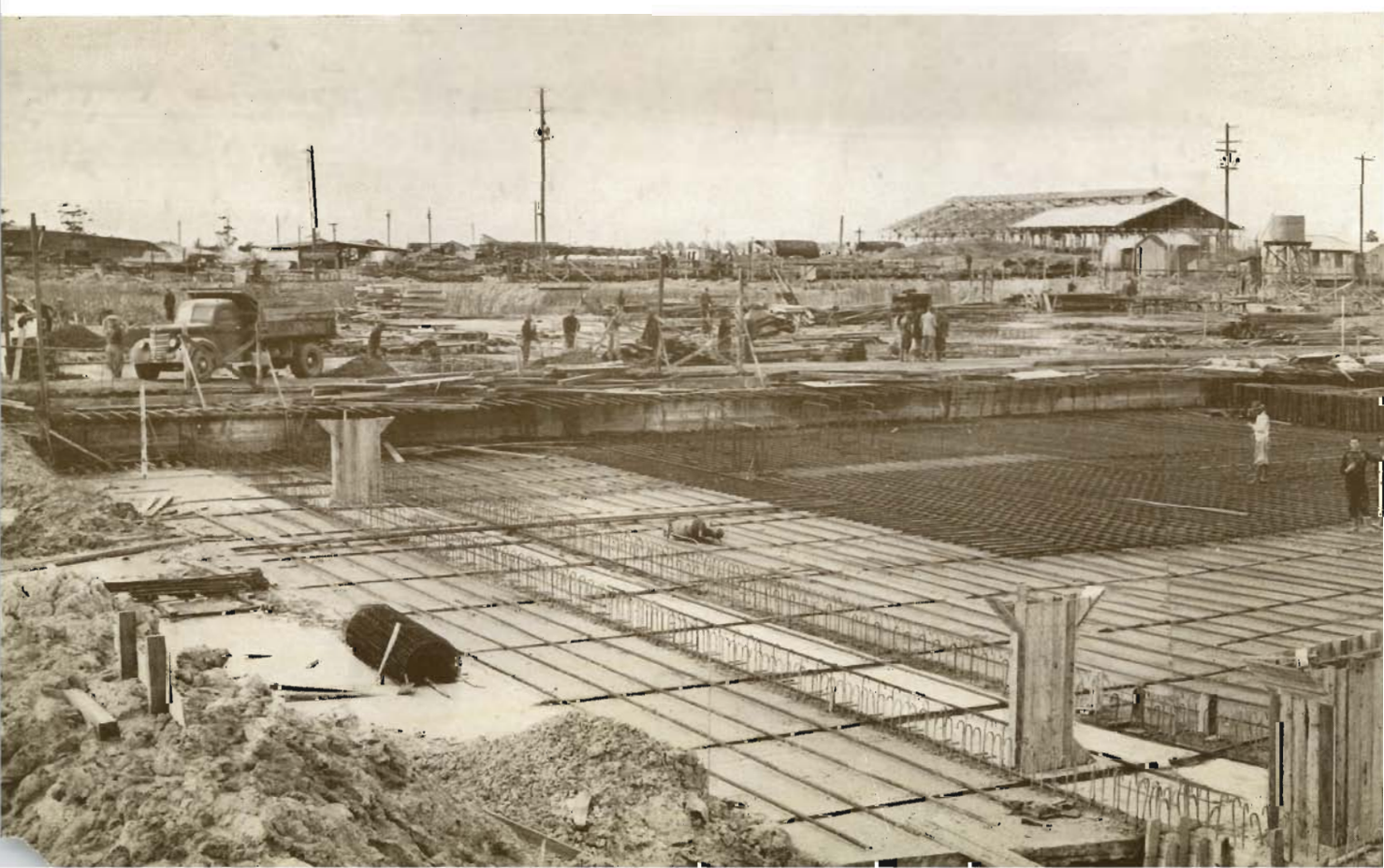
Work has commenced on the bunker associated with the conveying and crushing plant which will supply coal to the briquette factory.

The construction of the 90 c.m. railway to interconnect Yallourn and Morwell undertakings was suspended in October, 1951; work on the overburden disposal railway has proceeded intermittently.

General Services

The temporary pumping plant on the Tyers River and pipeline with a capacity of approx. 400,000 gallons of water per day, to supplement water supply to Morwell Reservoir, was placed in service in February, 1952. To meet the requirements of the briquette project and the Gas and Fuel Corporation's works when in operation, the pipeline would need to be extended further upstream and a larger pumping station would be required.

MORWELL BRIQUETTE PROJECT



The temporary arrangements were undertaken as an urgent measure by the Commission to enable the work on the Morwell Project to proceed, and the appropriate water supply authority, in providing for the general and industrial developments in the Latrobe Valley, will ultimately incorporate these special works in a more comprehensive scheme.

. . .

Because of the financial restrictions, the number of men employed on the project by the Commission decreased from 1,256 to 679.

REGIONAL POWER STATIONS

APPROVED DEVELOPMENTS TOTALLING 76,280 kW

Geelong 30,000 kW: Ballarat 20,000 kW: Mildura 10,000 kW: Shepparton 10,530 kW: Warrnambool 4,980 kW: and Hamilton 770 kW

At Geelong, Ballarat and Mildura, "packaged" power plants ordered from U.S.A. in March and April, 1951, are being erected under contract.

At Geelong and Ballarat, the excavations for the power stations were almost completed and the buildings commenced. Foundations for the turbo-generators and boilers are well advanced and a substantial part of the plant has been delivered. The installation of the three 10,000 kW turbo-generators at Geelong and the four 5,000 kW turbo-generators at Ballarat is to be completed during 1953.

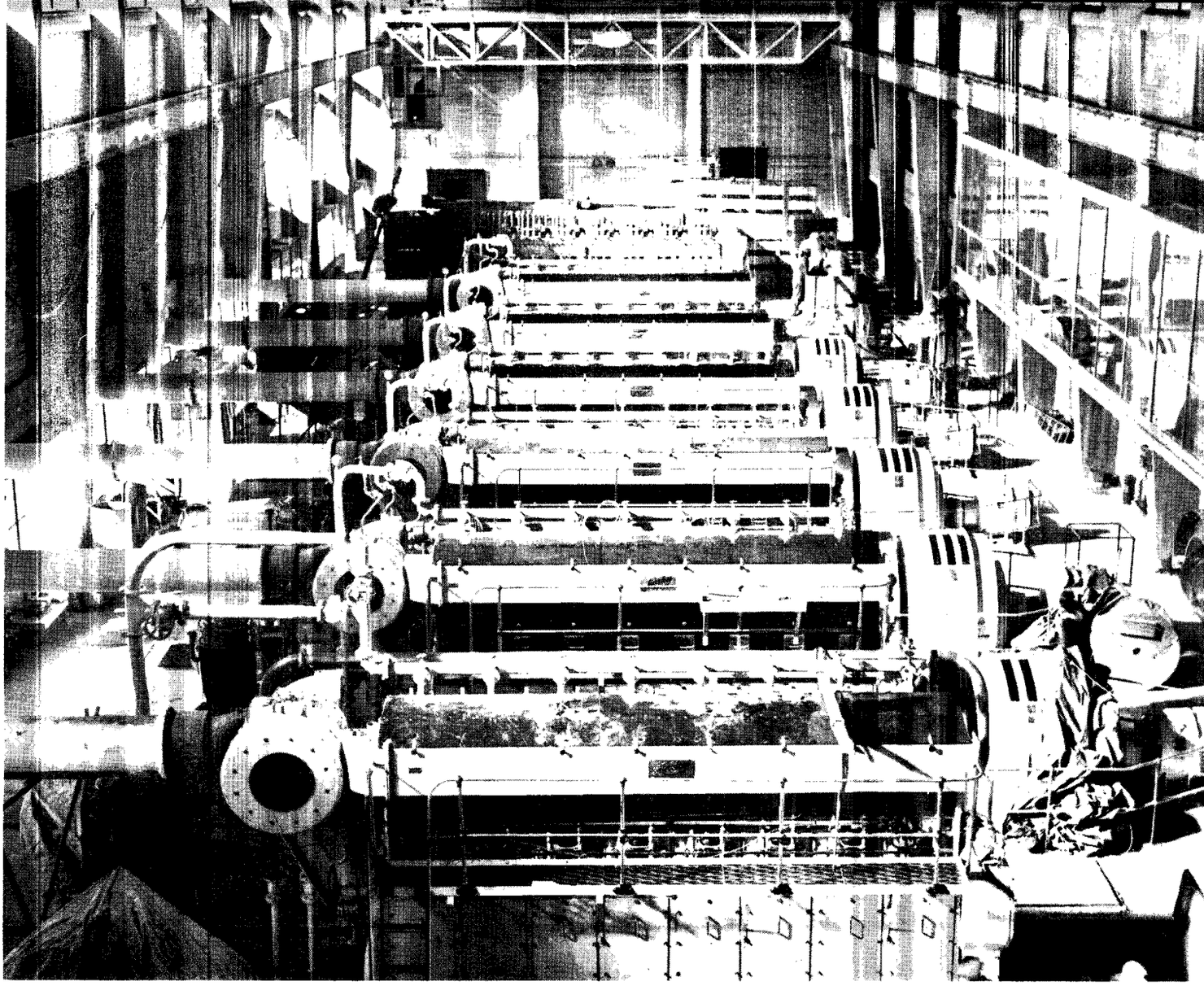
Work has commenced at Mildura and the two 5,000 kW turbo-generators also are expected to be in operation next year.

At Shepparton, the six 830 kW diesel generating sets are now in service. Erection of the first of three 1,850 kW diesel sets has commenced; the second set has been delivered. The power house building is almost complete.

The first two of six 830 kW diesel generating sets are in service at Warrnambool – the power house building is 75% complete. Because of the shortage of loan funds the installation will now be limited to these six sets: the three 1,850 kW diesel sets ordered in April, 1950, are to be sold.

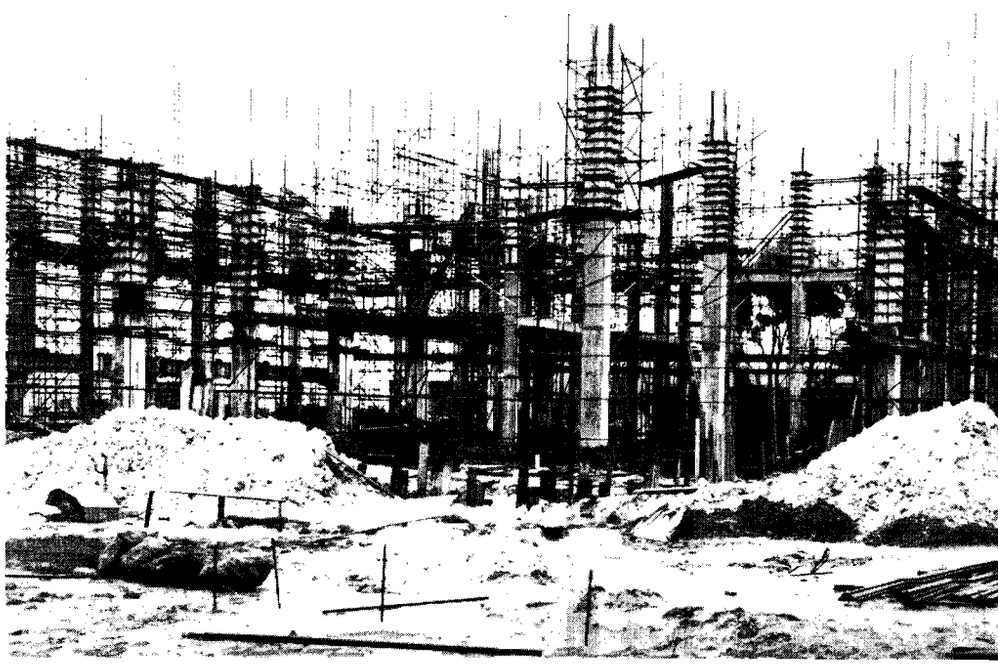
At Hamilton, a new 770 kW diesel generating set has been placed in service.

– Raft Foundations for Boiler House Building

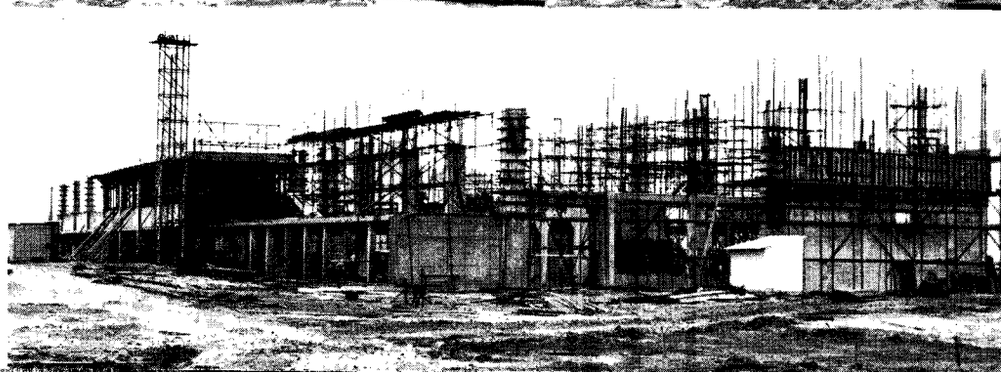


SHEPPARTON
Six 830 kW diesel generating sets now in operation
(three 1,850 kW sets being installed)

NEW REGIONAL POWER STATIONS



GEELONG
(three 10,000 kW "packaged" steam-electric sets to be installed during 1953)



BALLARAT
(four 5,000 kW "packaged" steam-electric sets to be installed during 1953)

MAIN TRANSMISSION AND DISTRIBUTION

Work is proceeding on the Kiewa-Melbourne 220 kV transmission line and at the switching station, Mt. Beauty; about 25% of the 630 towers required for this line have been completed and a further 50% are in course of erection.

Clearing of the easement and track work is in progress for the new 220 kV Yallourn-Melbourne transmission line.

The new terminal station at Clifton Hill was placed in service during January, 1952. At the Malvern Terminal Station, the second 220 kV transformer bank (45,000 kVA) has been installed and placed in service at 132 kV.

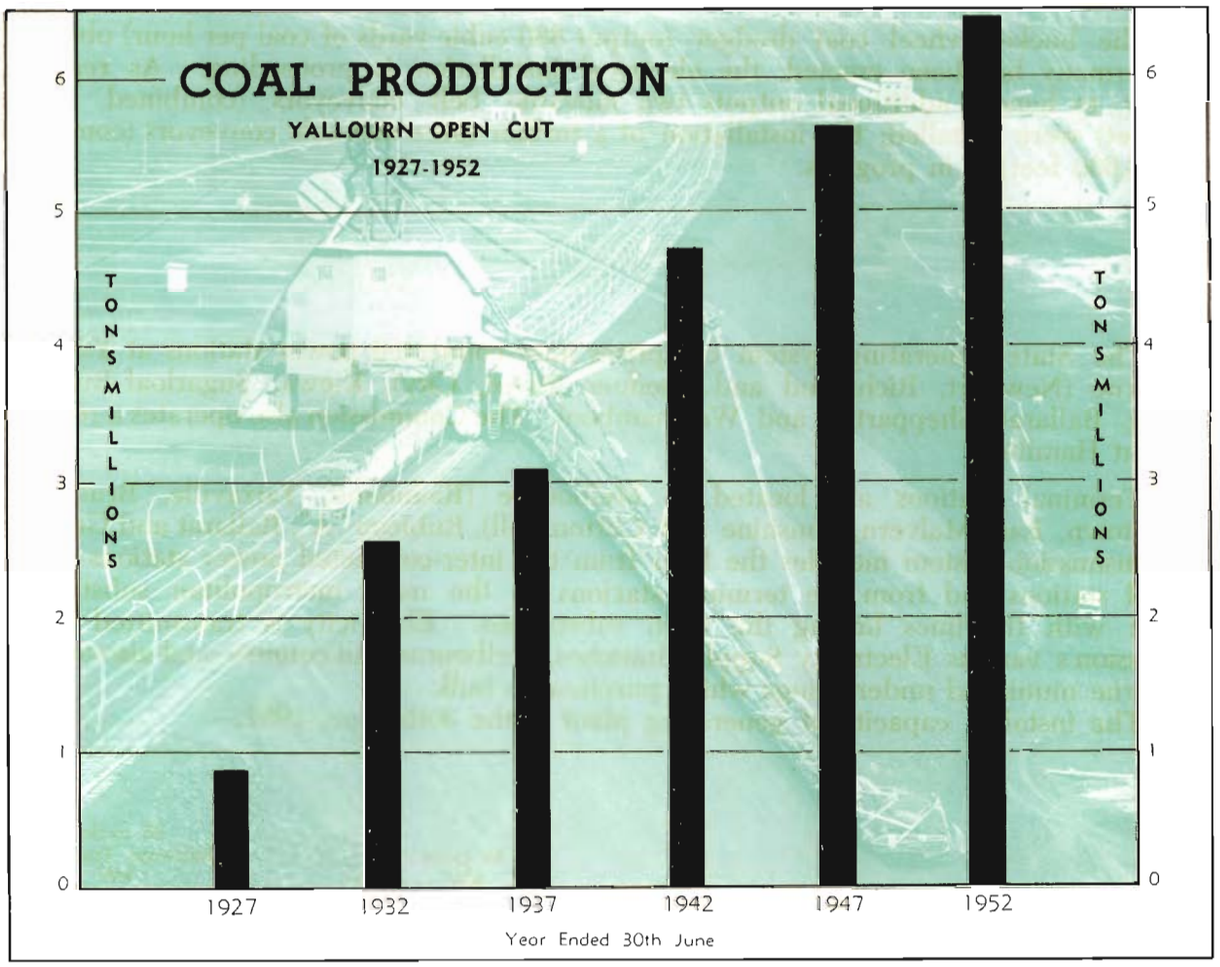
KIEWA-MELBOURNE 220,000 VOLT TRANSMISSION LINE

Difficult country near Bright traversed by the new line.

COAL PRODUCTION

YALLOURN OPEN CUT

	Tons
1931-32	2,563,405
1936-37	3,099,784
1941-42	4,702,725
1946-47	5,617,533
1951-52	6,480,723



Coal Winning

The year's operations brought the total coal excavated since the commencement of operations to 101.75 million tons. Of the coal won during the year, 4,151,742 tons were delivered to the Yallourn Power Station and 2,328,981 tons to the Briquette Factory. The highest daily output for the year (21,446 tons) was attained on the 27th August, 1951.

Overburden Removal

2,162,400 cubic yards of overburden were removed compared with 1,790,700 cubic yards in the previous year bringing the total removed to the 30th June, 1952, to 36.79 million cubic yards. The smaller quantity last year was due principally to the overburden spreader being out of operation for about two months.

The area of the Open Cut has increased from 652 acres to 700 acres at grass level and from 591 to 636 acres at the surface of the coal.

Plant

The new overburden spreader (capacity 1,170 cubic yards per hour) has been placed in service since the close of the year.

By 1959, with the completion of extensions to the Yallourn Power Station, the annual output of coal at Yallourn will have increased progressively by over 50 per cent. — to cope with this increase and the ultimate replacement of two of the older dredgers, an order was placed last year in Germany for a bucket wheel dredger (capacity 2,340 cubic yards per hour). Two bucket chain deep dredgers (capacity 2,500 cubic yards per hour) are to be ordered as soon as finances permit. Orders have been placed for 50 saddle bottom coal trucks (33 ton capacity).

YALLOURN NORTH OPEN CUT

1,007,213 tons of coal were won during the year for power generation (Newport and Geelong) and important industries, compared with 690,425 tons last year; to date the Commission has excavated 4,870,998 tons from this cut.

The bucket wheel coal dredger (output 880 cubic yards of coal per hour) obtained from Germany has been erected; the electrical installation is proceeding. As reported last year, to handle additional outputs two movable belt conveyors (combined length 2,000 feet) were installed; the installation of a further three movable conveyors (combined length 3,600 feet) is in progress.

POWER PRODUCTION

The State generating system comprises inter-connected power stations at Yallourn, Melbourne (Newport, Richmond and Spencer Street, City), Kiewa, Sugarloaf-Rubicon, Geelong, Ballarat, Shepparton and Warrnambool. The Commission also operates a regional station at Hamilton.

Terminal Stations are located at Melbourne (Richmond, Yarraville, Brunswick, Thomastown, East Malvern, Sunshine and Clifton Hill), Rubicon "A", Ballarat and Geelong. The transmission system includes the lines from the inter-connected power stations to the terminal stations and from the terminal stations to the main metropolitan substations, together with the lines linking the main substations. Electricity is transmitted to the Commission's various Electricity Supply Branches, Melbourne and country, and also to those Melbourne municipal undertakings which purchase in bulk.

The installed capacity of generating plant at the 30th June, 1952:—

STATE GENERATING SYSTEM

	50 cycle kW	25 cycle (Railways Traction) kW
Thermal Stations—		
Yallourn (including Briquette Factory)	183,000	
Melbourne—		
Newport	198,000	113,000
Spencer Street	43,650	
Richmond	15,000	
Geelong	10,500	
Ballarat	5,900	
Shepparton	4,150	
Warrnambool	1,660	
Hydro Stations—		
Sugarloaf-Rubicon	26,415	
Kiewa	26,000	
*Total	514,275	113,000

*At thermal stations all generators could not be used to full capacity because of limitations on boiler capacity.

Note 1.—Under emergency conditions, frequency changers are used for supply between the 50 and 25 cycle systems the maximum capacity being 22,000 kW.

Note 2.—The Commission operates a thermal station at Hamilton (installed capacity 3,020 kW) which is not connected to the State system.

Details of the loading on (a) Power Stations throughout the State and (b) Commission Power Stations are given in Appendices Nos. 6 and 7.

LOADING ON COMMISSION'S POWER STATIONS

50 Cycle

Power Stations	Maximum Demand (kW)		kWh Generated (millions)	
	1951-52	1950-51	1951-52	1950-51
Thermal Stations—				
Yallourn (incl. Briquette Factory)	196,000	187,000	1,282.4	1,241.8
Melbourne—				
Newport ("B" & "C")	178,000	183,000	892.1	903.5
Spencer Street	39,450	38,700	94.2	105.6
Richmond	14,800	15,000	28.7	19.5
Geelong	12,100	11,400	45.8	30.6
Ballarat	5,900	6,100	16.7	16.7
Shepparton	2,400	1,663	5.0	0.8
Warrnambool	1,683	—	0.4	—
Hamilton (not connected to State system)	1,580	1,488	6.6	5.8
Hydro Stations—				
Sugarloaf-Rubicon	26,150	26,050	160.6	146.0
Kiewa	28,000	28,000	65.8	48.2
	Maximum Co-incident Demand		Total kWh	
	468,370	497,370	2,598.3	2,518.5

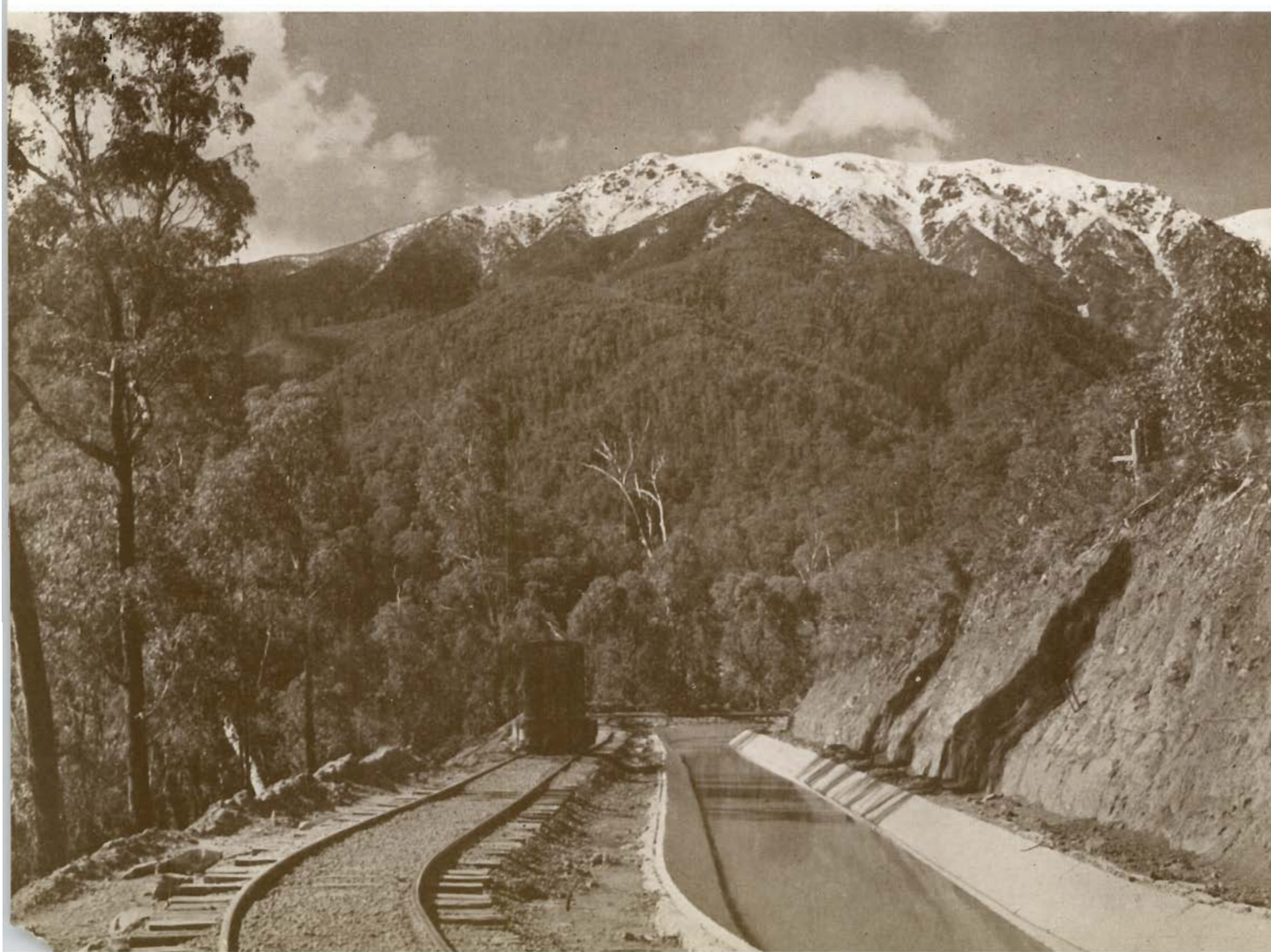
The increased requirements were met principally by the Yallourn Power Station and the hydro stations where outputs were higher because of more favourable weather conditions.

25 Cycle

The maximum demand and output for the Newport "A" Power Station for the year was 71,400 kW and 193·4 million kWh compared with 77,400 kW and 193·2 million kWh, respectively last year.

KIEWA HYDRO-ELECTRIC PROJECT

Bogong Creek Raceline.



BRIQUETTE PRODUCTION AND DISTRIBUTION

	Tons
1931-32	321,741
1936-37	364,695
1941-42	413,450
1946-47	490,338
1951-52	568,252

Production was 56,848 tons higher than last year when output was reduced because of a prolonged rail strike. By-product electricity amounted to 101·7 million kWh of which 68·0 million kWh were delivered to the State system, the remainder being used at the factory.

Special measures in hand, when completed, will do much to solve the dust problem at Yallourn. New dust removal plant has already been installed at the "C" Factory and similar installations are to be made at "A" and "B" Factories. At the boiler house, taller chimneys with latest equipment for the extraction of dust from flue gases are being manufactured; the foundations for these stacks have been commenced.

The replacement of drier stacks in "A" Factory was commenced.

The additional plant installed for the handling and loading of brown coal dust for use in Victorian Railways locomotives is operating satisfactorily. This fuel already has been used successfully in one locomotive and additional equipment will be needed to handle the future requirements of the Victorian Railways Commissioners who plan ultimately to convert a large number of locomotives to burn pulverised brown coal.

DISTRIBUTION

Sales	239,135 tons
(excluding Commission Power Stations—327,632 tons)	
Revenue	£751,676
Expenditure	£786,544
Loss	£34,868

The loss on operations (£34,868) was lower than the previous year (£59,130). Briquette prices were increased by 10/- per ton to £2/10/- per ton f.o.r. Yallourn, as from 1st April, 1952, to meet the rising costs of production. Higher rail freights further increased the cost of briquettes to consumers in Melbourne and other centres.

As from the 1st October, 1951, freights (briquettes and brown coal) increased by 10 per cent., and in addition there has been a further increase of 66-2/3 per cent. since the close of the financial year. The additional burden to be met by electricity consumers because of the consequent increase in generating costs is more than £600,000 per annum.

Output continues to be allocated by the Victorian State Coal Committee between the Commission's power stations and industrial users. There is still no prospect of early resumption of domestic sales.

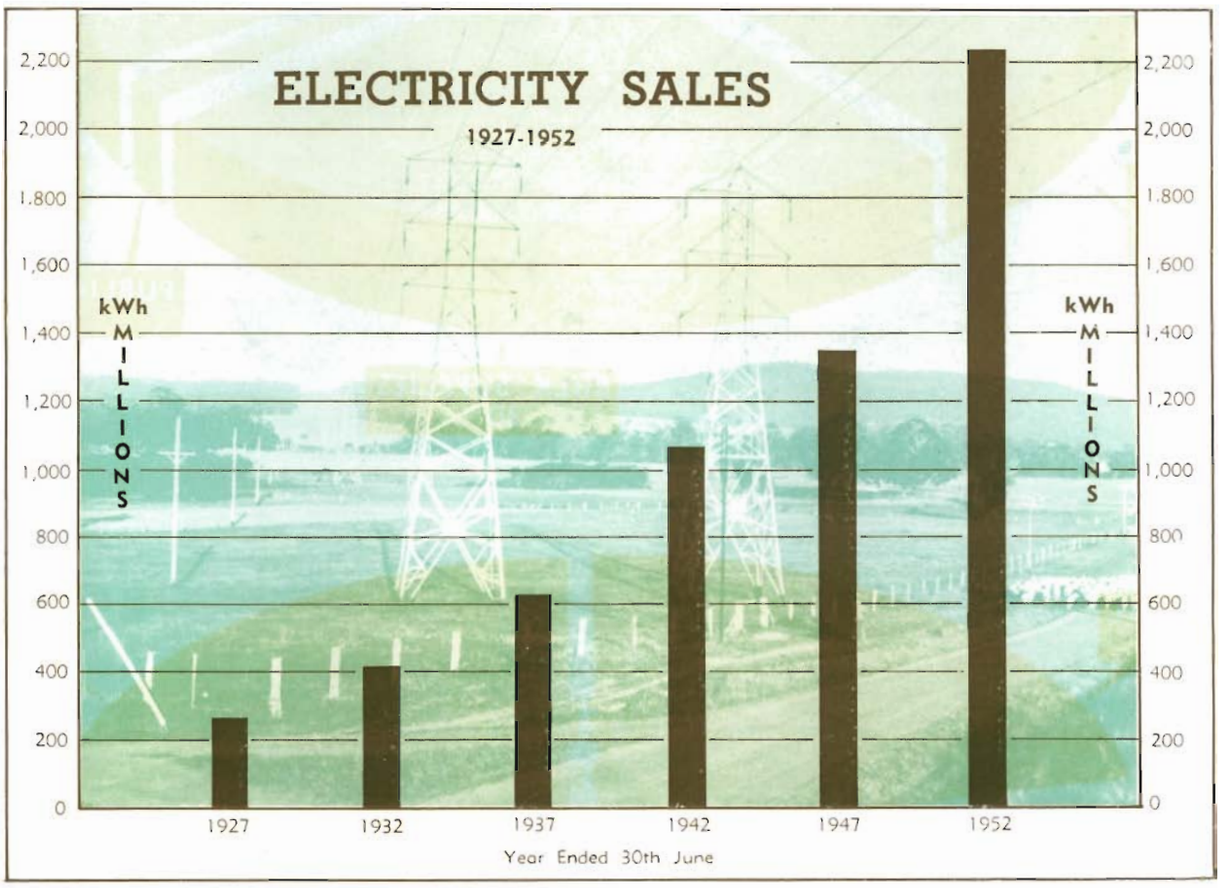
ELECTRICITY SUPPLY

ANALYSIS OF DEVELOPMENT

Electricity sold to all consumers -- retail and bulk — totalled 2,238 million kilowatt-hours. Excluding Victorian Railways traction supply (171 million kilowatt-hours), total sales for the year increased by 2 per cent., as compared with 8 per cent. during 1950/51. This smaller increment reflects the heavier restrictions upon the use of electricity during the year: all consumer classes were affected.

Annual Electricity Sales
(Retail and Bulk)

	kWh (millions)
1926-27	260·494
1931-32	405·334
1936-37	626·815
1941-42	1,073·598
1946-47	1,344·123
1951-52	2,238·101



The following reflects the development in the retail sales of the Commission:—

Domestic

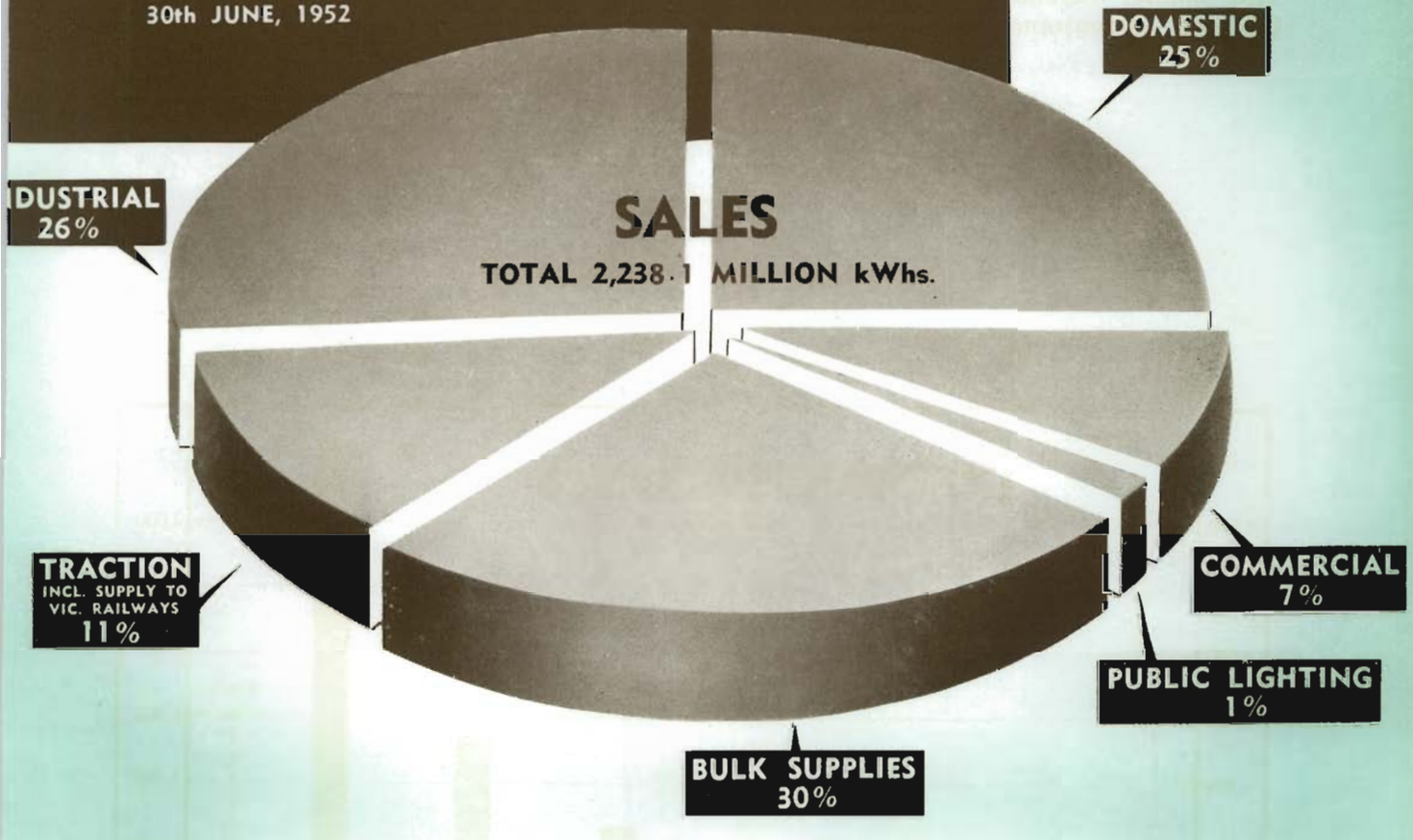
Sales increased by 1·9 per cent.; there were 23,738 new domestic consumers. The average consumption for each of the last five years is as follows:—

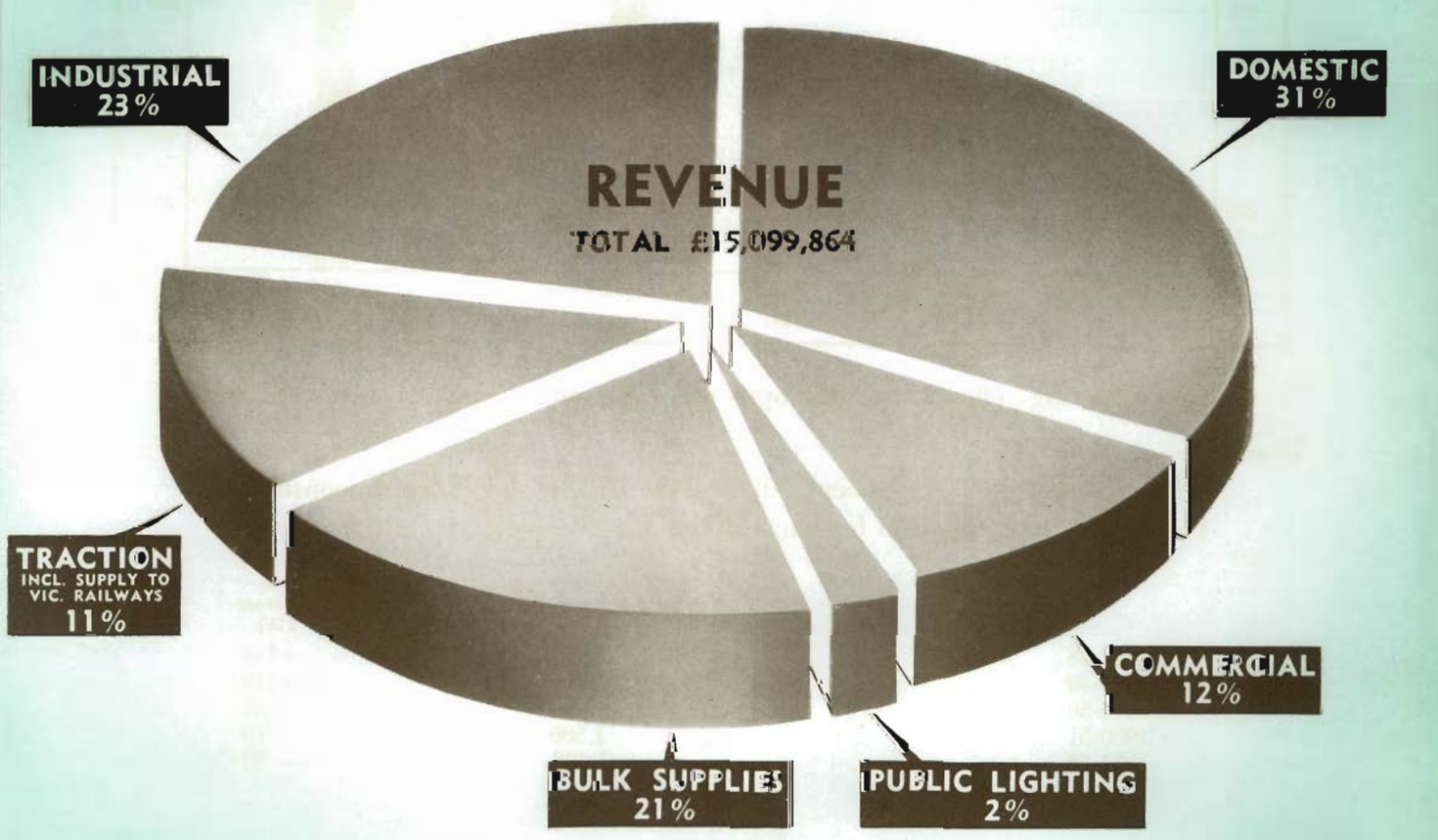
	Average Consumption per Domestic Consumer kWh	Increase or Decrease kWh
1947-48	1,151	+136
1948-49	1,370	+219
1949-50	1,556	+186
1950-51	1,566	+ 10
1951-52	1,496	— 70

ELECTRICITY SALES AND REVENUE

SUBDIVISIONS ACCORDING TO CLASSES OF CONSUMERS

YEAR ENDED
30th JUNE, 1952

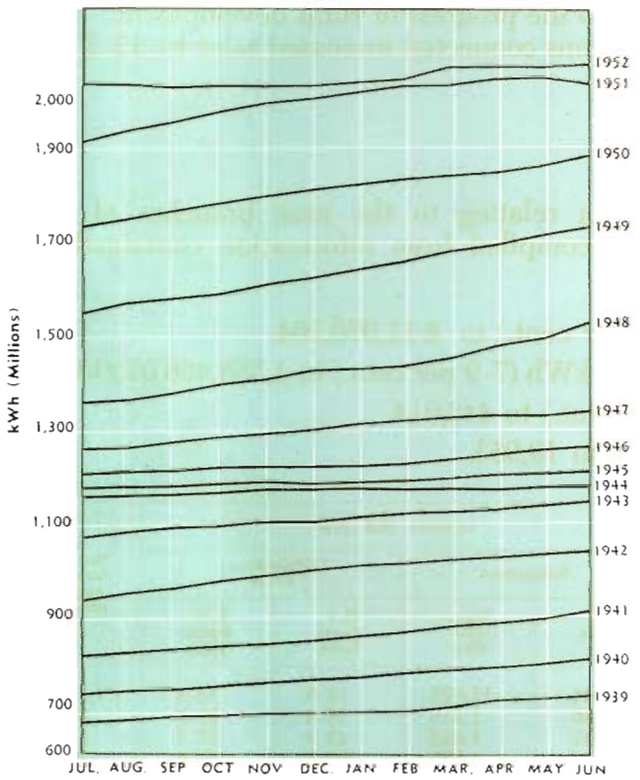




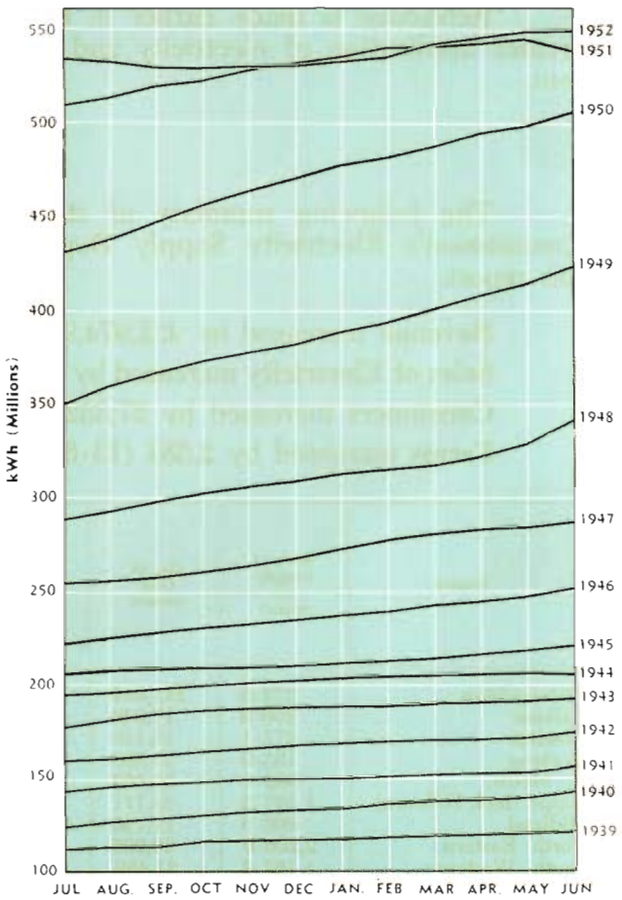
ELECTRICITY SALES

MOVING ANNUAL TOTALS

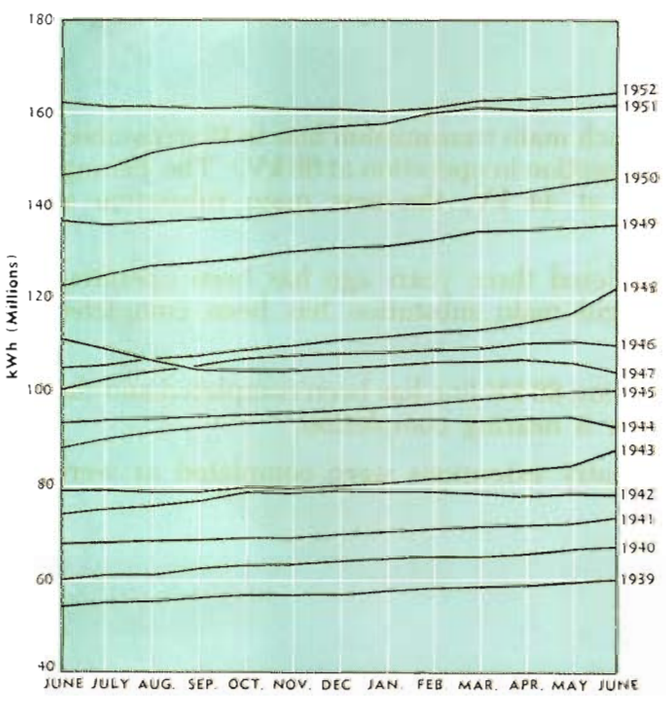
TOTAL SALES
(RETAIL AND BULK)



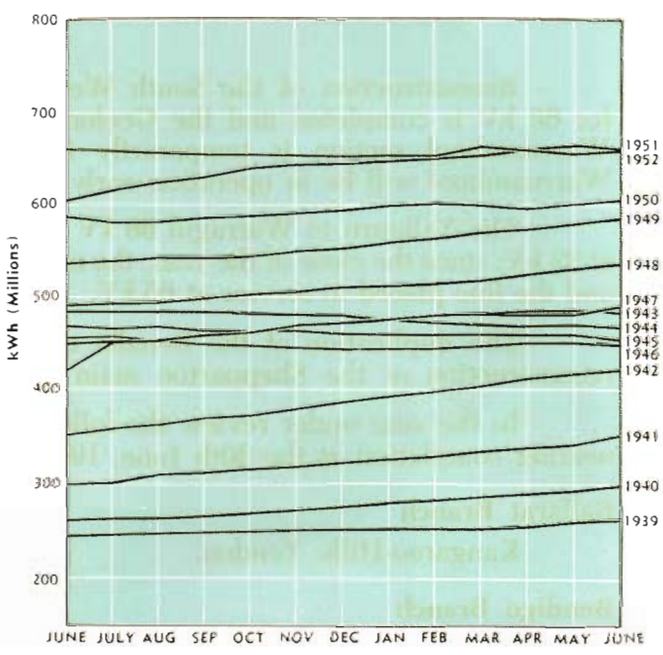
DOMESTIC
(RETAIL)



COMMERCIAL
(RETAIL)



INDUSTRIAL
(RETAIL AND TRACTION)



Commercial

Sales increased by 0·9 per cent. and the number of commercial consumers by 1,461.

Industrial

Despite the connection of an additional 24,866 h.p. of motors and 517 new consumers, electricity restrictions caused a decrease of 1 per cent. in sales to this class.

Mining

The number of mines supplied remained at 42; sales decreased by 1·1 per cent.

Rural

Reference is made earlier in this report to the progress of rural development. The greater application of electricity and the new farms connected increased sales by 12·2 per cent.

COMMISSION'S UNDERTAKINGS FOR LOCAL DISTRIBUTION

The following summary of statistical data relating to the nine branches of the Commission's Electricity Supply Department is compiled from information contained in this report.

Revenue increased by £2,974,951 (33·0 per cent.) to £11,976,204.

Sales of Electricity increased by 113,582,426 kWh (7·9 per cent.) to 1,558,436,073 kWh.

Consumers increased by 27,332 (6·6 per cent.) to 443,014.

Farms increased by 2,381 (13·6 per cent.) to 19,953.

Branch	Area of Supply (sq. miles)	No. of Consumers	Electricity sold kWh (Millions)	Increase this year				No. of farms supplied
				Substations		Distribution Lines		
				No.	Capacity kVA	H.V. Route Miles	L.V. Route Miles	
Metropolitan ...	272·6	241,818	1,016·941	44	12,675	12·6	43·4	°1,196
Ballarat	290·0	17,949	40·904	40	1,475	24·9	25·6	910
Bendigo	271·1	13,110	30·907	47	1,625	43·9	17·2	568
Geelong	183·0	21,599	77·145	31	1,887	20·5	35·6	799
E. Metro.	802·4	50,683	112·511	95	9,230	40·5	133·2	3,523
Gipps. (incl. Yallourn)	1,357·5	33,711	94·638	103	5,900	94·0	121·8	4,885
Midland	605·0	11,750	25·931	63	6,240	39·1	11·7	1,000
North Eastern	2,206·0	30,905	109·839	219	5,775	164·7	78·3	3,794
South Western ...	1,167·2	21,489	49·620	165	2,108	92·5	55·4	3,278
Total	7,154·8	443,014	1,558·436	807	43,915	532·7	522·2	19,953

° Principally poultry farms and market gardens in the outer metropolitan area.

BRANCH TRANSMISSION AND DISTRIBUTION

Reconstruction of the South Western Branch main transmission line to Warrnambool for 66 kV is completed and the Geelong-Terang section in operation at 66 kV. The Terang-Warrnambool section is temporarily in service at 44 kV; the new main substation at Warrnambool will be in operation early in 1953.

The Yallourn to Warragul 66 kV line completed three years ago has been operating at 22 kV; since the close of the year, the new Warragul main substation has been completed and the line placed in service at 66 kV.

The duplication of the Benalla to Shepparton 66 kV line has been completed and the reconstruction of the Shepparton main substation is nearing completion.

In the year under review the following country extensions were completed or were nearing completion at the 30th June, 1952:—

Ballarat Branch

Kangaroo Hills; Yendon.

Bendigo Branch

Newbridge; Sedgwick; Summerfield.

Geelong Branch

Fenwick-Newington; Indented Head.

Eastern Metropolitan Branch

Cockatoo, Avonsleigh, Gembrook; Mile Bridge Estate, Frankston; Seville; Wandin North and Wandin Yallock; Woori Yallock; Hoddles Creek.

Gippsland Branch

Newborough Housing Estate (S.E.C); Morwell Estate (Housing Commission); Traralgon Housing Estate (Australian Paper Mills); Bunyip, Iona, Modella; Cardinia; Moe (Housing Commission); Woodleigh; Buffalo Village.

Midland Branch

Strathlea and Campbelltown; Bolinda.

North Eastern Branch

Soldier Settlements — Strathmerton, Baulkamaugh and Katunga. Wyuna; Eildon Dam and Township; Stanley; Swanpool; Porepunkah.

South Western Branch

Koallah; South of Hamilton (Stage 1).

TRAMWAYS

BALLARAT, BENDIGO AND GEELONG

Revenue	....	£180,697	Loss	....	£206,740

A loss of £206,740 was sustained in the operation of the three tramway systems, compared with a loss of £162,448 last year. Losses at Ballarat, Bendigo and Geelong were £63,842, £59,051, and £83,847, respectively.

Total revenue £180,697 increased by £5,634 (3·2 per cent.) due to increased fares; 9·9 per cent. fewer passengers were carried. Total expenditure — £387,437 — increased by £49,926 (14·8 per cent.) because of the continued upward trend in wages and cost of materials.

YALLOURN TERRITORY

Population

12,567, of whom 4,967 are resident in the Town of Yallourn.

Housing

As mentioned in previous reports, the Town of Yallourn has reached its maximum development — there are now 1,062 residences.

At Moe, contracts have been let by the Housing Commission for 1,474 houses, 1,045 of which have been completed. At 30th June, 1952, 771 of these houses were occupied by Yallourn employees.

Of the 700 English pre-cut houses being erected by this Commission at Newborough and 350 houses at Yallourn North, 519 and 197, respectively, were completed at the 30th June. Work on both of these projects has had to be drastically curtailed.

Arrangements have been made with the Shire of Narracan for it to assume municipal control over East and North Newborough and Yallourn North at an early date.

Hostels and Accommodation for Single Men

At the Western Hostel there is provision for 1,360 men, at Yallourn North 744, and at the Eastern Hostel 638 — a total of 2,742.

Sewerage of the Town of Yallourn

The construction of reticulation sewers is complete in the gravity section of the town. No work has yet been done in the low level section of the town where pumping is required. All work has ceased for the present. At 30th June, 1952, 308 houses, representing 29% of the total, and 25 public buildings had been connected.

Hospital and Medical Services

As from 1st November, 1951, the management of the Yallourn Hospital was transferred by the Yallourn Medical and Hospital Society to the Victorian Hospitals and Charities Commission which has since extended the hospital to a capacity of 140 beds.

Since 1929, the Yallourn Medical and Hospital Society has rendered a service which has been most highly regarded throughout the Commonwealth. The Commission records its appreciation of the work of the Society in establishing and developing the Yallourn Hospital so successfully.

Shopping Facilities — Transfer to Private Enterprise

Tenders were sought for the purchase of the Yallourn General Store and the butchery. The butchery was sold to the firm of H. W. Wilson, in August, 1952; no satisfactory offer has yet been received for the General Store.

Shop sites have been leased by traders at Newborough (6) and Yallourn North (7). They are to erect business premises, and building in both centres is to commence at an early date.

Moe-Yallourn Railway

During the year the Railways' Construction Branch has proceeded with earth works and plate laying on the railway between Moe and Yallourn (approved by Parliament in December, 1948) to replace the present link with Herne's Oak.

Yallourn Town Advisory Council

During the year Mr. J. F. Breen was appointed to the Council as a nominee of the Commission to replace Mr. J. A. Collins, transferred, and Mr. W. L. Hebb was appointed as a Commission nominee to fill the vacancy caused by the death of Mr. E. G. Chisholm. At the annual election Mr. W. T. Wallace was re-elected by the residents.

PUBLIC SAFETY AND OTHER REGULATORY RESPONSIBILITIES

ELECTRIC LIGHT AND POWER ACT, 1928

At the close of the financial year 65 electricity supply undertakings (43 municipal and 22 owned by companies or persons) were operating in Victoria under the provisions of this Act.

The Governor in Council approved the following Orders in Council:—

Authorising supply of electricity

Order No.	Undertakers	Area of Supply
271	Charlton Electric Light & Power Co. Ltd.	Township of Charlton (renewal)
272	Casterton Electric Supply Co. Pty. Ltd.	Township of Casterton (renewal)
273	Dunmunkle Shire Council	Shire of Dunmunkle (replacing Orders Nos. 134, 135 and 160, now revoked)
274	Phillip Island Shire Council	Shire of Phillip Island (renewal)
275	Footscray City Council	Supply to South Kingsville

Extensions (totalling 2,546 kW) to generating plants at Corryong, Hopetoun, Kerang, Kilmore, Portland, Robinvale, Stawell, Swan Hill Borough, Walwa and Woomelang were approved.

Inspections were made of 39 electricity supply undertakings in addition to newly installed generating plants and high voltage systems; complaints of unsatisfactory service also were investigated.

Licensing of Electrical Mechanics

Licences in force as at 30th June, 1952 — Grade "A" — 3,470; Grade "B1" — 160; Grade "B" — 999; Grade "C" — 1,024. Five licensing examinations (including theory and practice) were held.

Special conditional permits were issued — 1,249 for periods not exceeding six months and 671 for periods not exceeding twelve months.

Registration of Electrical Contractors

At 30th June, 1952, 1,174 registrations were in force — 63 more than the previous year.

Electrical Approvals Board

Two extraordinary vacancies occurred through the death of Mr. A. J. Wilkins and the resignation due to ill health of Mr. L. J. Forbes; Mr. A. Renshaw and Mr. R. J. Marriott were appointed in their stead to represent the interests of electrical contractors and manufacturers of electrical goods, respectively. The Commission records its sincere regret at the passing of Mr. Wilkins and expresses its appreciation of his services and those of Mr. Forbes as members of the Board during periods of five years and two years, respectively.

Under the Board's constitution two of its members retire each year. Subsequent to the above appointment, Mr. Renshaw, and also Mr. E. B. Foster, who represents the interests of electrical traders, were re-appointed for a further three years.

Electrolysis Mitigation

The technical sub-committee has continued its work of investigating conditions and instituting remedial measures. Faults on water mains (91) and telephone cables (67) increased during the year, there having been considerable increase of underground telephone cables in recent years.

PERSONNEL

Total Personnel	30/6/52	30/6/51
Staff	6,185	6,205
Wages	13,263	15,972
	19,448	22,177

Wages Employees at 30th June, 1952:—

Location	Operation	Construction
Power Generation	1,718	1,866
Main Transmission Lines, Terminal and Substations	292	892
Electricity Supply—Metropolitan Branch Distribution	368	166
Electricity Supply — Country Branch Distribution	657	548
Briquette Production and Distribution	458	519
Coal Winning—Yallourn	1,348	—
General Services, Town and Workshops, Yallourn	1,517	807
General Services, Workshops, elsewhere	1,667	160
Tramways — Ballarat, Bendigo, Geelong	280	—
Total	8,305	4,958
Grand Total	13,263	

Because of the curtailment of the works programme, 1,534 personnel were retrenched in October, 1951, and a further 344 in June, 1952. Since the close of the financial year, the construction personnel have been reduced further by approximately 800 men. Labour has been available as required, except for skilled metal tradesmen.

Education and Training

For the year under review, 33 Commission trainees were engaged on full-time studies at the University or Technical Colleges, and 173 trainees were pursuing part-time courses.

Within the Commission 16 graduates, 67 cadets and 34 probationary cadets are receiving special training; 192 men completed the course at the Training School for Linesmen; there are 462 apprentices, principally in the engineering trades, and 5 trainee tradesmen employed under the Commonwealth Rehabilitation Scheme. Special training courses for draftsmen and survey assistants are being held.

Those engaged in all these training plans have made excellent progress; 9 qualified for University degrees and 6 received diplomas.

Scholarships

During the year the Commission awarded two scholarships for University courses in Engineering and two scholarships for Technical School diploma courses — there are now nine scholarships current.

Welfare and Amenities

Recreation buildings and facilities are provided at all main hostels. Welfare services at Yallourn and Kiewa are in the hands of the Y.M.C.A., and are much appreciated by the personnel. Special attention has been paid to the reception of migrants.

Safety

Safety and accident prevention measures are centred in the Safety Officer and four regional Safety Supervisors, who co-ordinate the work of sectional, branch and departmental Safety Committees. Safety measures are being constantly reviewed and special attention is given to safety education and first aid training. During the year 225 personnel qualified under a first aid training scheme.

99th (S.E.C.) CONSTRUCTION SQUADRON, ROYAL AUSTRALIAN ENGINEERS (SUPPLEMENTARY RESERVE)

A Construction Squadron, Royal Australian Engineers, has been formed from Commission personnel who could be released by the Commission in an emergency, and whose technical qualifications could be used by the Army in time of war.

Peace-time activities of the Squadron are limited to a 14-day annual camp, but, in the event of war, the Squadron would be available on the same basis as active Units of the Citizen Military Forces.

COMMISSIONERS

Commissioners Sir Andrew W. Fairley, K.B.E., C.M.G.; Dr. W. D. Chapman, M.C.E., D.Eng., M.I.E.Aust., M.Inst.C.E.; and A. W. Henderson were re-appointed by the Government as Commissioners for the period ending 31st December, 1955.

. . .

The Commission records its sincere regret at the death in England of Sir Archibald McKinstry, D.Sc., M.I.M.E., M.I.E.E., who served for a short term during 1919 as one of the first Commisioners. Sir Archibald's wide engineering and business experience proved of great value to the State in the preparation of the legislation establishing the Commission and during the formative months following its inception.

STAFF

The Commission records with regret the death of two of its valued senior officers:—

Mr. C. E. Barnes, B.E., A.M.Inst.C.E. London, A.M.I.E. Aust., A.M.N.Z.I.E., Construction Engineer, Morwell, died as the result of an accident on the 22nd June, 1952. Mr. Barnes joined the Commission in 1950.

Mr. W. C. Pratt, Engineer-in-Charge, Newport "A" Power Station, died on the 5th March, 1952. Mr. Pratt joined the Victorian Railways staff in 1921 and transferred to the Commission when the Newport "A" Power Station was taken over in 1951.

RETIREMENTS

The Commission records its high appreciation of the services rendered over long periods by:—

Mr. C. W. Saxton, A.M.I.E. Aust., Deputy Engineer for Production, who retired on the 24th April, 1952, after 31 years' service.

Mr. J. F. Douglas, Dip. Eng., A.M.I.E.Aust., Civil Engineer, who retired on the 26th September, 1951, after 30 years' service. Mr. Douglas continues for twelve months as consultant.

Mr. P. J. C. Harry, A.I.C.A., Works Accountant, Yallourn, who retired on the 31st May, 1952, after 27 years' service.

HIGHER ORGANISATION AND PRINCIPAL APPOINTMENTS

A Planning Group has been formed as part of the Commission's higher organisation, to guide and accelerate the planning of major power and fuel projects.

Mr. W. B. Nelson, B.E., F.S.A.S.M., A.M.I.E.Aust., was appointed as Chairman, Planning Group, as from 17th March, 1952: he was previously Engineer for Design and Construction, and has served the Commission since 1925.

Other principal appointments during the year were:—

Mr. N. T. Jewell, M.E.E., A.M.I.E.Aust., Engineer for Design and Construction as from 17th March, 1952. Mr. Jewell was previously Deputy Engineer for Design and Construction, and has served the Commission since 1922.

Mr. H. E. G. Tuck, A.I.C.A., Deputy Chief Accountant, as from 1st May, 1952. Mr. Tuck was previously Assistant Chief Accountant, and has served the Commission since 1920.

* * *

The Commission again with pleasure and appreciation places on record the splendid service being rendered to the community by the efficiency and loyalty of the personnel engaged throughout the many phases of its activities. The vast programme of new works and the planning and execution of future power and fuel developments referred to in this report indicate the magnitude of the task so willingly accepted by all.

* * *

We have the honour to be, Sir, your obedient servants.

R. A. HUNT, Chairman.

ANDREW W. FAIRLEY, Commissioner.

W. D. CHAPMAN, Commissioner.

A. W. HENDERSON, Commissioner.

D. H. MUNRO,
Secretary.

23rd October, 1952.

PROFIT AND LOSS ACCOUNT, BALANCE SHEET AND FINANCIAL STATISTICS

STATE ELECTRICITY COMMISSION OF VICTORIA

GENERAL PROFIT AND LOSS ACCOUNT FOR YEAR ENDED 30th JUNE, 1952

(Adjusted to the nearest £)

1951 £	EXPENDITURE—	£	£
	Electricity Supply—		
644,286	Purchased Electricity	581,612	
7,778,207	Generation, Transmission, Transformation and Distribution	10,042,195	
1,389,953	Interest	1,591,459	
415,151	Depreciation and Sinking Fund	490,535	
672,124	Administration and General Expenses	950,496	
195,885	Employees' Facilities and Welfare Expense	241,643	
42,753	Loan Flotation Expense	134,341	
174,880	Accommodation and Miscellaneous Services	231,843	
11,313,238		14,264,124	
130,789	Deduct—Electricity transferred to Works	116,007	
11,182,449			14,148,117
	Briquetting—		
1,274,529	Manufacture and Distribution	1,651,398	
90,647	Interest	93,956	
37,913	Depreciation and Sinking Fund	41,069	
43,510	Administration and General Expenses	54,047	
23,587	Employees' Facilities and Welfare Expense	26,620	
2,591	Loan Flotation Expense	6,214	
67,953	Accommodation and Miscellaneous Services	83,135	
1,540,730		1,956,439	
961,548	Deduct—Briquettes transferred to Works	1,169,895	
579,182			786,544
	Brown Coal—		
581,252	Winning and Distribution	969,714	
19,488	Interest	31,790	
8,820	Depreciation	15,706	
14,826	Administration and General Expenses	24,044	
7,683	Employees' Facilities and Welfare Expense	11,389	
603	Loan Flotation Expense	502	
26,735	Accommodation and Miscellaneous Services	41,297	
659,407		1,094,442	
461,990	Deduct—Brown Coal transferred to Works	844,415	
197,417			250,027
	Tramways—		
292,519	Power and Traffic Expenses	335,770	
5,512	Interest	5,820	
33,208	Administration and General Expenses	38,868	
6,272	Employees' Facilities and Welfare Expense	6,979	
337,511			387,437
	General—		
156,079	Miscellaneous Expenses	110,551	
—	Interest and Other Expenditure associated with Deferment of Works	441,777	
			552,328
1,860	Profit—Carried down		209,210
12,454,498			16,333,663
153,524	Accumulated Surplus—30th June		362,734
153,524			362,734

1951 £	INCOME—	£	£
	Electricity Supply—		
3,484,241	Domestic—General	4,360,352	
271,767	Domestic—Farms	343,660	
1,422,129	Commercial	1,799,463	
2,537,695	Industrial—General	3,100,186	
54,526	Industrial—Mining	66,081	
222,774	Industrial—Farms	317,934	
757,602	Traction	1,727,117	
199,467	Public Lighting	258,172	
2,523,135	Bulk Supplies	3,123,660	
1,053	Miscellaneous	3,239	
11,524,389			15,099,864
	Briquetting—		
480,057	Briquette Sales	621,932	
103,656	Add—Briquettes on hand at end of year	233,400	
583,713		855,332	
63,661	Deduct—Briquettes on hand at beginning of year	103,656	
520,052			751,676
	Brown Coal—		
203,418	Brown Coal Sales	295,434	
203,418			295,434
	Tramways—		
174,508	Traffic Receipts	180,136	
555	Advertising, etc.	561	
175,063			180,697
	General—		
26,269	Investments Income	—	
5,307	Miscellaneous Income	5,992	
12,454,498			16,333,663
1,860	Surplus for Year		209,210
151,664	Accumulated Surplus—Beginning of Year		153,524
153,524			362,734

The following amounts have been included in the Depreciation provision for Sinking Fund Contributions—

	1950-51	1951-52
Electricity Supply	£316,161	£514,426
Briquetting	£19,032	£23,796

Sale of Electrical Appliances.—The operating accounts include in respect of this function

	Revenue	Expenditure
1950-51	£527,177	£520,812
1951-52	£487,267	£492,158

STATE ELECTRICITY COMMISSION OF VICTORIA

GENERAL BALANCE SHEET AS AT 30th JUNE, 1952

(Adjusted to the nearest £)

1951 £	LIABILITIES	£	£
	Capital Liabilities—		
19,835,445	Victorian Government Advances	30,585,499	
2,778,288	Deduct—Redeemed or Cancelled Securities	3,042,591	
17,057,157 *		27,542,908 *	
	Debentures and Inscribed Stock	£	
67,301,226	Issued by Commission (See Schedule)	90,466,440	
719,677	Deduct—Redeemed or Cancelled Securities	965,789	
66,581,549 †		89,500,651 †	
8,337	Issued by Undertakings acquired by Commission (See Schedule)	5,428	
83,647,043			117,048,987
	Current and Accrued Liabilities—		
1,902,054	Bank Overdraft	3,339,137	
2,876,477	Accounts Payable	3,294,558	
23,368	Consumers' Deposits	27,211	
161,063	Service Charges received in Advance	201,957	
15,821	Unclaimed Salaries, Wages and Interest	31,205	
147,437	Other Deposits and Trust Moneys	94,983	
564,560	Interest Accrued	836,585	
589,800	Salaries and Wages Accrued	397,362	
45,605	Pay Roll Tax Accrued	42,875	
93,420	Workers' Compensation Insurance Accrued	74,881	
41,874	Freight Accrued	66,114	
118,864	Miscellaneous	103,615	
6,580,343			8,510,483
	Suspense Credits—		
162,441	Consumers' Advances for Construction	468,843	
3,203	Miscellaneous	90,101	
165,644			558,944
	Reserves—		
17,050,236	Depreciation and Sinking Fund	18,099,070	
735,347	Contingency and Obsolescence	735,356	
1,200,000	Rural Development	1,200,000	
323,029	General	561,330	
19,308,612			20,595,756
153,524	**Profit and Loss**—Accumulated Surplus		362,734
109,855,166			147,076,904

* Of these totals the undermentioned amounts are deemed to have been raised overseas and to be repayable in Sterling—

30th June, 1952 .... £6,628,760
30th June, 1951 .... £6,634,508

† These totals include the undermentioned amounts raised in London and repayable in Sterling—

30th June, 1952 .... £815,060
30th June, 1951 .... £825,703

1951 £	ASSETS	£	£
	Fixed Capital—		
5,233,142	Coal Production	7,612,173	
6,000,134	Briquette Production	10,997,425	
191,631	Briquette Storage and Distribution	278,985	
17,319,927	Power Production—Thermal Stations (Steam)	22,308,743	
989,768	Power Production—Thermal Stations (Internal Combustion)	1,754,971	
6,332,873	Power Production—Hydro Stations	8,333,547	
4,833,025	Transmission System	6,661,693	
5,316,830	Terminal Transformation System	7,064,719	
16,216,618	Distribution System	19,212,400	
145,238	Tramways	154,693	
30,672,695	General	39,818,163	
93,251,881		124,197,512	
155,273	Deduct—Proportion of cost of extensions payable by consumers	186,827	
93,096,608			124,010,685
	Current and Accrued Assets—		
149,082	Cash	180,001	
2,071,204	Accounts Receivable	1,934,827	
7,498,305	Materials and Supplies (Construction and Operation)	12,388,567	
19,855	Working Funds Advances	65,797	
1,680,144	Accounts in hands of Agent-General, London	550,963	
26,215	Investments	10,909	
36,451	Prepayments	48,634	
624,001	Accrued Revenues	903,364	
55,072	Miscellaneous	52,802	
12,160,329			16,135,864
	Suspense Debits—		
2,461,575	Overburden Removal and Disposal	3,798,522	
150,277	Preliminary Investigations	235,933	
446,720	Unamortised Loan Flotation Expense	517,389	
570,132	Work in Progress	650,142	
—	Acquisitions	— *	
12,091	Freight Suspense	—	
132,606	Miscellaneous	1,207,885	
3,773,401			6,409,871
	Reserve Funds—		
89,481	Sinking Funds	214,806	
735,347	Contingency and Obsolescence Fund	305,678	
824,828			520,484
109,855,166			147,076,904

At 30th June, 1952, there are Contingent Assets and Liabilities in respect of securities lodged with the Commission and the Agent-General for Victoria in London, as bona fides under Commission Contracts, amounting to £2,162,982 (Australian), £1,886,556 (Sterling), 2,469,200 Swiss Francs, and 1,679,552 American Dollars.

H. S. KILFOYLE, Chief Accountant.

W. J. PRICE, Commercial Manager.
29th October, 1952.

AUDITOR-GENERAL'S CERTIFICATE.

The accounts of the State Electricity Commission of Victoria have been audited for the year ended 30th June, 1952. In my opinion the above Balance Sheet represents a correct view of the affairs of the undertaking at the 30th June, 1952, and the Profit and Loss Account properly summarizes the operations of the Commission for the year.

E. A. PEVERILL, Auditor-General.
13th November, 1952.

STATE ELECTRICITY COMMISSION OF VICTORIA

SCHEDULE OF FIXED CAPITAL AS AT 30th JUNE, 1952

(Adjusted to the nearest £)

	Expenditure during 1951/52	Totol Expenditure 30/6/52
	£	£
Coal Production		
Morwell Branch	1,512,883	2,904,872
Yallourn Branch	919,838	4,707,301
Briquette Production		
Morwell Branch	4,802,546	8,578,212
Yallourn Branch	150,797	2,419,213
Briquette Storage & Distribution	86,037	278,985
Power Production — Thermal Statians (Steam)		
Ballarat	419,325	547,819
Geelong	130,106	755,410
Newport	792,160	8,373,348
Richmond	1,491,480	3,072,390
Yallourn	2,207,212	9,559,776
Power Production — Thermal Stations (Internal Combustion)		
Hamilton	21,977	158,181
Mildura	179,335	179,335
Shepparton	322,612	805,243
Warrnambool	242,627	612,212
Power Production — Hydro Stations		
Kiewa	2,164,931	7,640,984
Sugarloaf-Rubicon	737	692,564
Transmission System	1,737,269	6,661,693
Terminal Transformation System	1,778,214	7,064,719
Distribution System		
Ballarat Branch	96,202	649,166
Bendigo Branch	127,429	567,672
Eastern Metropolitan Branch	620,132	2,706,887
Geelong Branch	153,527	762,419
Gippsland Branch	420,241	2,271,623
Metropolitan Branch	797,398	7,100,788
Midland Bronch	123,981	765,339
North Eastern Branch	448,428	2,505,004
South Western Branch	274,910	1,812,544
Yallourn Branch	8,676	70,957
Tramways		
Ballarat Branch	4,048	22,497
Bendigo Branch	1,229	20,875
Geelong Branch	4,396	111,322
General		
Ballarat Branch	32,078	72,096
Bendigo Branch	44,039	115,423
Eastern Metropolitan Branch	99,314	212,649
Geelong Branch	10,924	137,732
Gippsland Branch	84,735	206,301
Kiewa Branch	2,271,243	13,169,888
Metropolitan Branch	161,708	1,310,039
Midland Branch	26,988	52,009
Morwell Branch	2,091,283	5,257,438
North Eastern Branch	158,193	203,727
South Western Branch	53,073	134,995
Yallourn Branch	2,044,636	11,059,391
Head Office	2,859,105	7,886,474
	31,978,002	124,197,512
Deduct—Proportion of cost of extensions payable by Consumers	33,070	186,827
	£31,944,932	£124,010,685

APPENDIX No. 4

STATE ELECTRICITY COMMISSION OF VICTORIA

DEBENTURES AND INSCRIBED STOCK — CURRENT AS AT 30th JUNE, 1952

Loans Raised under the Authority of the State Electricity Commission Acts Nos. 4087 and 4512

Loan No.	Amount Authorised	Amount Subscribed	Rate	Term	Due	Sinking Fund	Amount Redeemed	Outstanding as at 30th June, 1952
	£	£	%	Years		%	£ s. d.	£ s. d.
Loan No. 1	600,000	600,000	3·5	20	1954	1	102,000 0 0	498,000 0 0
Loan No. 2	382,000	382,000	3·5	20	1954	1	64,940 0 0	317,060 0 0
Loan No. 7	150,000	150,000	4·25	15	1955	1	....	150,000 0 0
Loan No. 9	300,000	300,000	3·4375	16	1957	1	200 0 0	299,800 0 0
Loan No. 10	1,000,000	1,000,000	3·375	10	1955	1	77,499 18 2	922,500 1 10
Loan No. 11	150,000	150,000	3·3125	10	1956	1	8,013 12 2	141,986 7 10
Loan No. 12	1,350,000	1,350,000	3·3125	10	1956	1	72,122 9 5	1,277,877 10 7
Loan No. 13	500,000	500,000	3·3125	10	1957	1	26,712 0 7	473,287 19 5
Loan No. 14	500,000	500,000	3·25	10	1957	1	26,678 13 7	473,321 6 5
Loan No. 15	1,000,000	1,000,000	3·25	15	1962	1	41,992 11 10	958,007 8 2
Loan No. 16	500,000	500,000	3·25	15	1962	1	20,996 6 0	479,003 14 0
Loan No. 17	500,000	500,000	3·25	15	1963	1	20,996 6 0	479,003 14 0
Loan No. 18	1,000,000	1,000,000	3·1875	10	1958	1	41,953 9 3	958,046 10 9
Loan No. 19	720,000	720,000	3·1875	10	1958	1	30,206 9 11	689,793 10 1
Loan No. 20	1,000,000	1,000,000	3·1875	10	1958	1	41,953 9 3	958,046 10 9
Loan No. 21	1,000,000	1,000,000	3·1875	10	1958	1	30,966 8 2	969,033 11 10
Loan No. 22	1,000,000	1,000,000	3·1875	10	1958	1	30,966 8 2	969,033 11 10
Loan No. 23	1,000,000	1,000,000	3·1875	10	1958	1	30,966 8 2	969,033 11 10
Loan No. 24	500,000	500,000	3·1875	10	1958	1	15,483 4 1	484,516 15 11
Loan No. 25	1,340,300	1,340,300	3·1875	12	1961	1	19,250 0 0	1,321,050 0 0
Loan No. 26	1,500,000	1,500,000	3·1875	10	1959	1	46,449 12 4	1,453,550 7 8
Loan No. 27	300,000	300,000	3·1875	12	1961	1	9,289 18 6	290,710 1 6
Loan No. 28	360,000	360,000	3·1875	12	1961	1	....	360,000 0 0
Loan No. 29	2,334,000	2,334,000	3·1875	12	1961	1	24,150 0 0	2,309,850 0 0
Loan No. 30	2,000,000	2,000,000	3·1875	10	1959	1	40,637 10 0	1,959,362 10 0
Loan No. 31	500,000	500,000	3·1875	10	1959	1	10,159 7 6	489,840 12 6
Loan No. 32	1,000,000	1,000,000	3·1875	10	1959	1	20,318 15 0	979,681 5 0
Loan No. 33	1,250,000	1,250,000	3·25	12	1961	·5	....	1,250,000 0 0
Loan No. 34	1,000,000	1,000,000	3·25	10	1959	·5	....	1,000,000 0 0
Loan No. 35	1,000,000	1,000,000	3·1875	10	1959	·5	10,159 7 6	989,840 12 6
Loan No. 36	400,000	400,000	3·25	15	1964	·5	4,065 0 0	395,935 0 0
Loan No. 37	100,000	100,000	3·25	15	1964	·5	....	100,000 0 0
Loan No. 38	1,000,000	1,000,000	3·1875	10	1959	·5	10,159 7 6	989,840 12 6
Loan No. 39	1,000,000	1,000,000	3·1875	10	1960	·5	10,159 7 6	989,840 12 6
Loan No. 40	2,488,800	2,488,800	3·25	15	1965	·5	14,050 0 0	2,474,750 0 0
Loan No. 41	1,000,000	1,000,000	3·1875	10	1960	·5	10,159 7 6	989,840 12 6
Loan No. 42	1,500,000	1,500,000	3·3125	12	1962	·5	....	1,500,000 0 0
Loan No. 43	1,000,000	1,000,000	3·3125	15	1965	·5	....	1,000,000 0 0
Loan No. 44	193,000	193,000	3·3125	15	1965	·5	....	193,000 0 0
Loan No. 45	220,000	220,000	3·1875	10	1960	·5	2,235 1 4	217,764 18 8
Loan No. 46	450,000	450,000	2·5	2	1952	·5	....	450,000 0 0
Loan No. 47	550,000	550,000	3·3125	12	1962	·5	....	550,000 0 0
Loan No. 48	500,000	500,000	3·3125	12	1962	·5	....	500,000 0 0
Loan No. 49	500,000	500,000	3·1875	10	1960	·5	5,079 13 8	494,920 6 4
Loan No. 50	3,106,050	3,106,050	3·25	15	1965	·5	16,200 0 0	3,089,850 0 0
Loan No. 51	500,000	500,000	3·1875	10	1960	·5	2,500 0 0	497,500 0 0
Loan No. 52	500,000	500,000	3·3125	15	1965	·5	2,500 0 0	497,500 0 0
Loan No. 53	500,000	500,000	3·375	15	1965	·5	....	500,000 0 0
Loan No. 54	1,800,000	1,800,000	3·375	15	1965	·5	....	1,800,000 0 0
Loan No. 55	500,000	500,000	3·375	12	1962	·5	....	500,000 0 0
Loan No. 56	250,000	250,000	3·375	19/20	1969/70	·5	....	250,000 0 0
Loan No. 57	500,000	500,000	3·375	14	1964	·5	....	500,000 0 0
Loan No. 58	1,300,000	1,300,000	3·375	12	1962	·5	....	1,300,000 0 0
Loan No. 59	500,000	500,000	3·375	14	1964	·5	....	500,000 0 0
Loan No. 60	1,000,000	1,000,000	3·375	12	1962	·5	....	1,000,000 0 0
Loan No. 61	1,000,000	1,000,000	3·375	12	1962	·5	....	1,000,000 0 0
Loan No. 62	500,000	500,000	3·375	12	1962	·5	....	500,000 0 0
Loan No. 63	500,000	500,000	2·5	2	1952	·5	....	500,000 0 0
Loan No. 64	500,000	500,000	3·375	12	1962	·5	....	500,000 0 0
Loan No. 65	800,000	800,000	3·325	12	1962	·5	....	800,000 0 0
Loan No. 66	250,000	250,000	2·5	2	1952	·5	....	250,000 0 0
Loan No. 67	250,000	250,000	3·375	12	1962	·5	....	250,000 0 0
Loan No. 68	6,000,000	5,998,450	3·375	12	1963	·5	3,150 0 0	5,995,300 0 0
Loan No. 69	250,000	250,000	2·5	2	1953	·5	....	250,000 0 0
Loan No. 70	250,000	250,000	3·375	12	1962	·5	....	250,000 0 0
Loan No. 71	500,000	500,000	3·375	12	1962	·5	....	500,000 0 0
Loan No. 72	250,000	250,000	3·375	12	1962	·5	....	250,000 0 0
Loan No. 73	500,000	500,000	3·5	12	1963	·5	....	500,000 0 0
Loan No. 74	2,000,000	2,000,000	3·5	10	1961	·5	....	2,000,000 0 0
Loan No. 75	500,000	500,000	3·5	12	1963	·5	....	500,000 0 0
Loan No. 76	1,000,000	1,000,000	3·375	10	1961	·5	5,000 0 0	995,000 0 0
Loan No. 77	100,000	100,000	3·5	12	1963	·5	500 0 0	99,500 0 0
Loan No. 78	350,000	350,000	3·5	10	1961	·5	1,750 0 0	348,250 0 0
Loan No. 79	200,000	200,000	3·5	10	1961	·5	....	200,000 0 0
Loan No. 80	500,000	500,000	2·5	2	1953	·5	....	500,000 0 0
Loan No. 81	100,000	100,000	3·5	10	1961	·5	....	100,000 0 0
Loan No. 82	200,000	200,000	3·5	10	1961	·5	....	200,000 0 0
Loan No. 83	1,500,000	1,500,000	3·5	10	1961	·5	7,500 0 0	1,492,500 0 0
Loan No. 84	150,000	150,000	3·5	10	1961	·5	....	150,000 0 0
Loan No. 85	6,000,000	5,993,680	3·5	10	1961	·5	....	5,993,680 0 0
Loan No. 86	25,000	25,000	3·5	10	1961	·5	125 0 0	24,875 0 0
Loan No. 87	118,850	118,850	3·5	12	1963	·5	594 5 0	118,255 15 0
Loan No. 88	2,000,000	2,000,000	3·5	5	1956	·5	5,000 0 0	1,995,000 0 0
Loan No. 89	100,000	100,000	4·125	12	1963	·5	....	100,000 0 0
Loan No. 90	100,000	100,000	4·125	12	1963	·5	....	100,000 0 0
Loan No. 91	1,000,000	1,000,000	4·0	10	1961	·5	....	1,000,000 0 0
Loan No. 92	4,930,000	4,929,755	4·125	10	1961	·5	....	4,929,755 0 0
Loan No. 93	1,000,000	1,000,000	4·125	10	1962	·5	....	1,000,000 0 0
Loan No. 94	4,212,050	4,211,150	4·125	10	1962	·5	....	4,211,150 0 0
Loan No. 95	250,000	250,000	4·125	10	1962	·5	....	250,000 0 0
Loan No. 96	1,000,000	1,000,000	4·125	10	1962	·5	....	1,000,000 0 0
Loan No. 97	1,000,000	1,000,000	4·125	10	1962	·5	....	1,000,000 0 0
Loan No. 98	150,000	150,000	3·625	10	1962	·5	....	150,000 0 0
Loan No. 99	3,500,000	3,345,405	4·125	10	1962	·5	....	3,345,405 0 0
	90,630,050	90,466,440					965,789 8 1	89,500,650 11 11

Issued by Undertakings Acquired by the State Electricity Commission of Victoria

Original Issues	£30,650
Outstanding at Dates of Acquisitions	£24,160 18 6
Outstanding at 30th June, 1952	£5,427 17 8

STATE ELECTRICITY COMMISSION OF VICTORIA

ABSTRACT OF CAPITAL, REVENUE AND OPERATING ACCOUNTS

Year ended 30th June	Capital			Revenue					Operating Expenditure including Writings Off, etc.	+ Surplus. — Deficit.	
	Capital Expenditure	Loan Liability	Reserves	Electricity Supply	Briquetting	Tramways	Miscellaneous	Total		Year	To Date
	£	£	£	£	£	£	£	£	£	£	£
1925	**7,759,825**	**8,293,765**	**43,936**	**617,286**	**40,468**	....	**41,602**	**699,356**	**963,638**	— **264,282**	— **322,744**
1926	9,032,464	10,120,794	67,616	713,252	122,379	....	19,476	855,107	1,125,077	— 269,970	— 592,714
1927	10,742,104	11,849,698	262,942	975,362	179,184	....	16,124	1,170,670	1,367,324	— 196,654	— 789,368
1928	**12,762,939**	**13,567,546**	**493,935**	**1,262,787**	**192,256**	....	**10,698**	**1,465,741**	**1,463,868**	+ **1,873**	— **787,495**
1929	14,530,684	15,126,107	833,618	1,427,751	226,186	....	7,858	1,661,795	1,657,181	+ 4,614	— 782,881
1930	16,397,608	16,778,413	1,151,139	1,624,255	264,459	....	9,153	1,897,867	1,892,601	+ 5,266	— 777,615
1931	**18,553,592**	**19,286,428**	**1,593,462**	**2,234,756**	**276,930**	**30,971**	**2,236**	**2,544,893**	**2,562,846**	— **17,953**	— **795,568**
1932	19,337,273	19,735,177	2,135,205	2,456,696	357,056	35,450	717	2,849,919	2,846,888	+ 3,031	— 792,537
1933	19,667,259	19,668,146	2,823,912	2,577,547	313,435	34,180	97	2,925,259	2,921,830	+ 3,429	— 789,108
1934	**19,748,318**	**19,109,659**	**3,332,096**	**2,717,992**	**309,936**	**33,510**	**74**	**3,061,512**	**3,028,393**	+ **33,119**	— **755,989**
1935	20,305,078	19,527,309	3,757,812	2,995,707	297,858	77,121	10,098	3,380,784	3,374,306	+ 6,478	— 749,511
1936	20,866,242	18,806,748	4,380,047	3,164,703	348,650	78,207	8,180	3,599,740	3,572,012	+ 27,728	— 721,783
1937	**21,638,314**	**18,682,415**	**5,008,027**	**3,339,560**	**337,227**	**76,142**	**7,500**	**3,760,429**	**3,721,528**	+ **38,901**	— **682,882**
1938	22,698,893	19,242,265	5,672,343	3,539,974	394,634	75,567	1,008	4,011,183	3,957,354	+ 53,829	— 629,053
1939	24,268,880	19,422,927	6,449,707	3,685,107	377,022	78,664	1,099	4,141,892	4,020,992	+ 120,900	— 508,153
1940	**25,369,679**	**20,524,010**	**7,300,198**	**3,894,893**	**400,125**	**78,211**	**3,700**	**4,376,929**	**4,250,416**	+ **126,513**	— **381,640**
1941	26,116,795	20,678,339	8,218,078	4,241,264	379,847	89,571	13,374	4,724,056	4,563,376	+ 160,680	— 220,960
1942	26,955,737	20,523,266	9,256,460	4,657,450	330,756	109,955	55,488	5,153,649	5,069,227	+ 84,422	— 136,538
1943	**28,345,527**	**20,348,116**	**10,460,227**	**4,935,602**	**341,631**	**135,900**	**76,955**	**5,490,088**	**5,348,695**	+ **141,393**	+ **4,855**
1944	29,695,740	20,164,482	11,547,016	5,101,631	316,847	143,086	67,216	5,628,780	5,503,908	+ 124,872	+ 129,727
1945	31,297,130	20,997,826	12,902,334	5,259,881	329,428	146,605	63,247	5,799,161	5,739,953	+ 59,208	+ 188,935
1946	**33,622,088**	**20,927,313**	**14,448,315**	**5,605,333**	**341,761**	**146,503**	**66,588**	**6,160,185**	**6,096,722**	+ **63,463**	+ **252,398**
1947	36,460,148	23,220,783	15,686,004	5,835,194	321,711	142,281	100,328	6,399,514	6,310,109	+ 89,405	+ 341,803
1948	40,523,149	26,990,075	16,566,022	6,543,089	325,181	143,878	135,341	7,147,489	7,360,561	+ 29,928*	+ 371,731
1949	**47,327,034**	**33,829,561**	**17,448,526**	**8,129,973**	**300,277**	**147,797**	**227,771**	**8,805,818**	**8,879,517**	+ **29,301†**	+ **401,032**
1950	61,358,803	51,270,067	18,200,424	9,446,008	436,862	171,504	284,283	10,338,657	10,688,025	— 249,368‡	+ 151,664
1951	93,096,608	83,647,043	19,308,612	11,524,389	520,052	175,063	234,994	12,454,498	12,452,638	+ 1,860	+ 153,524
1952	**124,010,685**	**117,048,987**	**20,595,756**	**15,099,864**	**751,676**	**180,697**	**301,426**	**16,333,663**	**16,124,453**	+ **209,210**	+ **362,734**

* After transfers of £243,000 from Reserves. † After transfers of £103,000 from Reserves. ‡ After transfer of £100,000 from Reserves.

STATISTICS

POWER PRODUCTION

GENERATION OF ELECTRICITY

State of Victoria

All Supply Authorities

Authority	State Electricity Commission	Melbourne City Council	Victorian State Railways			Melbourne Electric Supply Co. Ltd.		Electric Supply Co. of Victoria Ltd.		Local Authorities	Total kWh Generated State of Victoria (millions)
Stations	See Appendix No. 7	Spencer-street, Melbourne	Newport "A"			Richmond	Geelong	Ballarat	Bendigo	Country Centres not Served by State Generating System kWh (millions)	
Year	kWh (millions)	kWh (millions)	kWh (millions) (1)	kWh (millions) (2)	Total	kWh (millions)	kWh (millions)	kWh (millions)	kWh (millions)		
1924-25	**101·8**	**20·0**	**108·0**	**152·7**	**260·7**	**25·3**	**18·0**	**4·0**	**3·5**	**14·0**	**447·3**
1925-26	188·7	17·7	74·8	163·7	238·5	34·9	21·1	4·1	3·5	14·0	522·5
1926-27	284·2	14·6	27·0	169·1	196·1	38·1	30·3	4·4	3·6	15·0	586·3
1927-28	**378·8**	**13·5**	**12·9**	**166·2**	**179·1**	**4·2**	**30·3**	**5·0**	**4·2**	**16·0**	**631·1**
1928-29	422·3	16·0	12·0	162·5	174·5	....	32·2	5·3	4·5	16·0	670·8
1929-30	461·2	17·1	11·3	164·7	176·0	....	27·3	5·1	4·5	15·0	706·2
1930-31	**458·3**	**12·1**	**15·5**	**154·1**	**169·6**	....	**4·7**	**4·9**	**4·8**	**15·0**	**669·4**
1931-32	504·9	12·3	9·7	146·8	156·5	....	....	4·9	5·0	16·0	699·6
1932-33	549·7	10·0	10·4	150·2	160·6	....	....	5·2	5·1	17·0	747·6
1933-34	**590·0**	**14·7**	**10·5**	**151·9**	**162·4**	....	....	**5·8**	**5·3**	**18·0**	**796·2**
1934-35	620·1	23·9	35·2	156·2	191·4	Stations acquired by State Electricity Commission				20·0	855·4
1935-36	716·1	35·6	12·2	159·1	171·3	....	....	....	....	22·0	945·0
1936-37	**769·7**	**33·9**	**14·1**	**162·9**	**177·0**	....	....	....	....	**23·0**	**1,003·6**
1937-38	836·1	34·7	14·5	165·2	179·7	....	....	....	....	26·0	1,076·5
1938-39	897·8	29·5	13·8	168·9	182·7	....	....	....	....	28·0	1,138·0
1939-40	**1,024·2**	**33·3**	**14·5**	**153·7**	**168·2**	....	....	....	....	**26·0**	**1,251·7**
1940-41	1,155·1	16·9	17·2	167·4	184·6	....	....	....	....	21·0	1,377·6
1941-42	1,330·5	Station now operated as part of Stote system	17·9	163·4	181·3	....	....	....	....	21·0	1,532·8
1942-43	**1,455·4**		**14·6**	**151·5**	**166·1**	....	....	....	....	**22·0**	**1,643·5**
1943-44	1,475·6		15·2	153·8	169·0	....	....	....	....	24·0	1,668·6
1944-45	1,502·3	....	14·7	168·7	183·4	....	....	....	....	24·0	1,709·7
1945-46	**1,594·9**	....	**13·0**	**162·8**	**175·8**	....	....	....	....	**27·0**	**1,797·7**
1946-47	1,691·0	....	15·5	164·4	179·9	....	....	....	....	29·0	1,899·9
1947-48	1,904·4	....	18·3	200·0	218·3	....	....	....	....	34·0	2,156·7
1948-49	**2,148·0**	....	**23·0**	**195·6**	**218·6**	....	....	....	....	**36·0**	**2,402·6**
1949-50	2,362·8	....	27·4	189·1	216·5	....	....	....	....	44·0	2,623·3
1950-51	2,605·5*	....	18·9	87·3	106·2	....	....	....	....	52·0	2,763·7
1951-52	**2,791·7**	....	Station acquired by State Electricity Commission 21.1.51			....	....	....	....	**59·0**	**2,850·7**

(1) 25 cycle supplied to other authorities. (2) 25 cycle Railway purposes.

* Includes 25 cycle (Newport "A") from 21.1.51.

GENERATION OF ELECTRICITY

State Electricity Commission of Victoria

Station	Yallourn*		Newport "A" (25 Cycle)		Newport "B" & "C" (50 Cycle)		Richmond		Geelong		Ballarot and Bendigo		Spencer Street		Sugarloaf-Rubicon		Kiewa		All Stations	
Year	kWh (millions)	M.D.kW	kWh (millions)	M.D.kW	kWh (millions)	M.D. kW	kWh (millions)	M.D.kW	kWh (millions)	M.D. kW	kWh (millions)	M.D. kW	kWh (millions)	M.D.kW	kWh (millions)	M.D. kW	kWh (millians)	M.D. kW	kWh (millions)	M.D. kW Coincident
	Operation commenced 15.6.24		Station acquired 21.1.51		Operation commenced 12.10.23		Station acquired and reconditioned. Restarted 6.5.29		Station acquired 1.9.30		Stations acquired 1.7.34 Bendigo closed down 31.12.37		Station operated as part of State system from 1.1.41		Operation commenced 14.3.28		Operation commenced 1.9.44			
1924–25	**48·4**	**29,000**	....	....	**53·4**	**15,800**	....	....	....	....	....	....	....	....	....	....	....	....	**101·8**	**40,500**
1925–26	142·7	37,500	....	....	46·0	16,800	....	....	....	....	....	....	....	....	....	....	....	....	188·7	50,000
1926–27	238 8	61,000	....	....	45·4	19,800	....	....	....	....	....	....	....	....	....	....	....	....	284·2	76,000
1927–28	**319·7**	**68,500**	....	....	**54·3**	**20,800**	....	....	....	....	....	....	....	....	**4·8**	**11,500**	....	....	**378·8**	**87,500**
1928–29	304 5	64,000	....	....	49 0	20,000	3·5	15,000	....	....	....	....	....	....	65·3	16,310	....	....	422·3	95,500
1929–30	310·6	62,500	....	....	50 8	21,000	21·9	16,200	....	....	....	....	....	....	77·9	19,300	....	....	461·2	103,160
1930–31	**251·9**	**63,000**	....	....	**38·4**	**19,800**	**26·6**	**15,520**	**20·5**	**5,570**	....	....	....	....	**120·9**	**23,100**	....	....	**458·3**	**109,013**
1931–32	320 1	80,000	....	....	9·8	18,800	25·7	15,000	26·9	6,510	....	....	....	....	122·4	23,400	....	....	504·9	116,959
1932–33	386·2	88,500	....	....	2·8	14,400	22·5	15,360	27·1	6,560	....	....	....	....	111·1	23,400	....	....	549·7	123,404
1933–34	**429·3**	**95,000**	....	....	**7·6**	**18,500**	**22·6**	**15,120**	**29·5**	**6,690**	....	....	....	....	**101·0**	**22,800**	....	....	**590 0**	**127,621**
1934–35	310 8	94,000	....	....	54·0	18,200	56·5	15,500	30·8	6,980	12·7	3,711	....	....	155·3	25,300	....	....	620·1	141,993
1935–36	487·6	107,500	....	....	16 7	19,300	29 8	15,100	34·1	7,930	13·2	3,825	....	....	134·7	25,400	....	....	716·1	158,862
1936–37	**531·2**	**122,500**	....	....	**27·2**	**19,000**	**25 3**	**15,400**	**32·1**	**7,930**	**12·5**	**3,750**	**....**	....	**141·4**	**25,490**	....	....	**769·7**	**173,300**
1937–38	654·8	140,500	....	....	27·1	18,600	24·2	15,300	34·4	8,620	10 0	3,797	....	....	85·6	25,090	....	....	836·1	181,847
1938–39	696 6	136,500	....	....	23 9	19,600	26·7	15,200	38·0	9,230	9·4	2,716	....	....	103·2	24,300	....	....	897·8	198,000
1939–40	**776·1**	**168,000**	....	....	**39·3**	**35,000**	**16 2**	**15.400**	**31·5**	**7,710**	**11·6**	**2,988**	....	....	**149·5**	**25,400**	....	....	**1,024·2**	**218,600**
1940–41	939·5	171,500	....	....	44 6	45,300	21·2	15,360	21·7	10,050	14·3	3,820	16·0	26,000	97·8	20,800	....	....	1,155 1	261,820
1941–42	1,027·3	187,500	....	....	45·2	54,800	35·2	15,540	30·7	10,600	14·6	4,140	44·1	35,000	133·4	25,600	....	....	1,330 5	297,696
1942–43	**1,110·1**	**186,000**	....	....	**45·8**	**63,000**	**38·6**	**15,600**	**34·3**	**11,800**	**15·0**	**5,960**	**55·4**	**33,000**	**156 2**	**26,100**	....	....	**1,455·4**	**319,300**
1943–44	1,088·0	188,000	....	....	83·3	71,600	44 5	15,600	44 8	12,200	20 8	5,400	63·8	40,650	130 4	25,700	....	....	1,475 6	328,000
1944–45	1,133·2	187,000	....	....	92·1	89,500	40 2	15,530	38·8	11,200	18·9	5,000	59·3	35,070	101·1	25,500	18·7	24,000	†1,502·3	351,600
1945–46	**1,136·7**	**190,500**	....	....	**136·9**	**93,500**	**33·1**	**15,600**	**31 2**	**11,900**	**16·0**	**5,350**	**55 0**	**34,200**	**134·3**	**25,650**	**51·4**	**26,000**	**†1,594 9**	**377,100**
1946–47	1,180·6	185,000	....	....	181·6	88,000	23 5	15,520	26 9	11,800	18·0	5,150	51·1	29,820	144·7	25,850	61·5	26,700	†1,691 0	364,750
1947–48	1,223·9	195 500	....	....	299·0	134,000	29·6	15,400	33 1	11,750	18·8	5,650	66·3	34,500	161·8	25,850	68·3	26,400	†1,904 4	449,500
1948–49	**1,291·6**	**194,000**	....	....	**513·6**	**138,000**	**26·1**	**15,600**	**32 9**	**11,800**	**18·8**	**5,850**	**77·0**	**35,220**	**139·1**	**25,550**	**44·4**	**28,000**	**†2,143·0**	**436,930**
1949–50	1,287·6	188,000	....	....	717·8	175,000	26·6	15,600	28 6	11,950	15·6	6,000	105·4	41,910	129 2	26,050	46·8	28,500	†2,362·8	504,090
1950–51	1,241·8	187,000	87·0	59,800	903·5	183,000	19·5	15,000	30·6	11,400	16·7	6,100	105·6	38,700	146 0	26,050	48·2	28,000	†2,605·5	‡497,370
1951–52	**1,282·4**	**196,000**	**193·4**	**71,400**	**892 1**	**178,000**	**28·7**	**14,800**	**45 8**	**12,100**	**16·7**	**5,900**	**94·2**	**39,450**	**160·6**	**26,150**	**65·8**	**28,000**	**†2,791·7**	**533,370**

* Including electricity transferred from Briquette Factory.

† Includes generation at Hamilton (from 1.7.46), Shepparton (from 7.3.51), Warrnamboal (from 7.4.52) and Warburton (1.7.44 to 16.8.47). ‡ Occurred prior to acquisition of Newport "A" on 21.1.51.

STATE ELECTRICITY COMMISSION OF VICTORIA

(a) LOAD FACTORS AT POWER STATIONS

(Based on Appendix No. 7)

Year Ended 30th June	Yallourn (including electricity from Briquette Factory)	Newport "A" (25 cycle)	Newport "B" & "C" (50 cycle)	Richmond	Geelong	Ballarat and Bendigo	Spencer St. (Melbourne City Council)	Sugarloaf-Rubicon	Kiewa	All Stations*
	%	%	%	%	%	%	%	%	%	%
1927	44·7	..	26·2	....	....	Bendigo station closed down (31.12.37)	....	....	....	42·7
1932	45·6	....	5·9	19·5	47·0	....	....	59·6	....	49·2
1937	49·5	..	16·3	18·8	46·2	38·1	...	63·3	....	50·7
1942	62·6	....	9·4	25·9	33·1	40·3	14·4	59·5	....	51·0
1947	72·8	....	23·6	17·3	26·0	39·9	19·6	63·9	26·3	52·9
1948	71·3	....	25·4	21·9	32·1	37·9	21·9	71·3	29·4	48·2
1949	76·0	..	42·5	19·1	31·8	36·7	25·0	62·2	18·1	56·1
1950	78·2	...	46·8	19·5	27·3	29·7	28·7	56·6	18·7	53·5
1951	75·8	37·7	56·4	14·8	30·6	31·3	31·2	64·0	19·7	57·8
1952	74·5	30·8	57·1	22·1	43·1	32·2	27·2	69·9	26·8	59·6

* Includes generation at Hamilton (from 1/7/46), Shepparton (from 7/3/51), Warrnambool (from 7/4/52) and Warburton (1/7/44 to 16/8/47), but excludes Newport "A" in 1951.

(b) FUEL USED AT POWER STATIONS (TONS)

Station	Type of Fuel	1951-52	1950-51	1949-50	1948-49	1947-48	1946-47	1945-46	1944-45	1943-44	1942-43
Yallourn	Brown Coal	4,154,742	3,968,509	4,075,675	4,035,535	3,766,828	3,666,105	3,517,235	3,530,260	3,259,882	3,345,628
	Briquettes	18,698	15,408	10,416	6,421	6,155	6,944	2,784	2,307	954	....
Newport*	Brown Coal	562,198	358,148	332,676	94,155	315	290	....	....	....	....
	Briquettes	244,083	222,066	273,034	279,956	232,439	153,882	103,981	23,049	630	121
	Black Coal	241,733	263,001	46,173	62,569	5,669	736	17,497	44,588	56,570	35,976
	Coke	....	....	....	....	....	....	440	4,028	4,779	900
	Oil	26,332	25,359	18,551	2,266	9	10	....	....	....	....
Richmond	Briquettes	32,695	23,180	30,564	29,783	32,313	27,248	36,169	42,212	45,770	39,443
Geelong	Brown Coal	66,906	11,356	....	....	....	....	....	....	....	....
	Briquettes	10,544	26,012	31,093	35,407	35,321	30,169	33,828	40,542	45,786	35,323
Ballarat	Briquettes	19,628	19,747	18,135	22,772	22,845	21,791	19,577	22,371	23,825	17,215
Spencer Street (Melbourne City Council)	Brown Coal	....	....	....	....	41	113	564	371	3,691	862
	Briquettes	65,935	69,261	71,610	49,475	41,411	34,069	12,770	11,537	....	....
	Black Coal	15	6,008	221	276	1,142	1,125	14,940	25,039	38,120	31,283
	Coke	35,903	37,828	42,014	41,403	34,542	23,817	35,138	26,886	25,425	26,470
	Oil	22	23	18	17	....	....	....	....	....	....
Shepparton	Oil	1,173	177	....	....	....	....	....	....	....	....
Warrnambool	Oil	100	....	....	....	....	....	....	....	....	....
Hamilton‡	Oil	1,565	1,317	1,132	975	812	623	....	....	....	....
	Wood	697	1,277	1,352	1,311	1,289	1,033	....	....	....	....

* Includes Newport "A" from 21/1/51. ‡ Acquired 1/7/46. Not connected to State System.

STATE GENERATING SYSTEM

(a) Total Installed Plant Capacity (Interconnected System)

	kW
50 Cycle—Maximum Continuous rating of plant installed at 30/6/52	506,275
Add—Available from Yallourn Briquette Factory	8,000
Total	514,275
25 Cycle—Maximum continuous rating of plant installed at 30/6/52	113,000
Under emergency conditions, frequency changers are used for supply to and from the 25 cycle system. Maximum capacity	22,000
The Commission operates a thermal station at Hamilton (not connected to the State system). Installed capacity	3,020

Note.—At thermal stations, generators could not be used to full capacity because of limitations on boiler capacity.

(b) Generators Installed at Power Stations (Interconnected System):

(i) 50 Cycle

Power Station	Set No.	Make	Maximum Continuous Rating	Voltage	R.P.M.	Steam Consumption lb./kWh at Full Load	Year Installed
			kW				
Yallourn	1	Metropolitan Vickers	12,500	11,000	3,000	11·76	1924
	2	,, ,,	12,500	11,000	3,000	11·76	1924
	3	,, ,,	12,500	11,000	3,000	11·76	1924
	4	,, ,,	12,500	11,000	3,000	11·76	1924
	5	,, ,,	12,500	11,000	3,000	11·76	1925
	6	,, ,,	12,500	11,000	3,000	11·76	1928
	7	,, ,,	25,000	11,000	3,000	11·61	1932
	8	,, ,,	25,000	11,000	3,000	11·61	1935
	9	,, ,,	25,000	11,000	3,000	11·61	1938
	10	,, ,,	25,000	11,000	3,000	11·61	1938
Newport "B" & "C"	1	Parsons	15,000	6,600	3,000	11·00	1923
	2	,, ...	15,000	6,600	3,000	11·00	1923
	3	Brown Boveri ...	30,000	22,000	3,000	9·60	1939
	4	Parsons	30,000	22,000	3,000	9·30	1945
	5	,, ...	30,000	11,000	3,000	9·30	1946
	6	,, ...	30,000	11,000	3,000	9·35	1948
	7	,, ...	30,000	11,000	3,000	9·35	1950
	8	Brush Ljungstrom ..	18,000	6,600	3,000	10·90	1944
Richmond	1	Metropolitan Vickers	15,000	6,600	3,000	12·30	1929
Geelong	1	Brush Ljungstrom	1,500	6,600	3,000	13·00	1921
	2	Metropolitan Vickers	3,000	6,600	3,000	13·00	1922
	3	,, ,,	3,000	6,600	3,000	13·00	1923
	4	,, ,,	3,000	6,600	3,000	13·00	1925
Ballarat	1	Brush Ljungstrom ..	1,400	6,600	3,000	15·00	1925
	2	,, ,, ...	1,400	6,600	3,000	15·00	1925
	3	,, ,, ...	1,400	6,600	3,000	15·00	1937
	4	,, ,, ...	1,400	6,600	3,000	15·00	1940
	5*	Brush Electrical ...	300	500	2,400	25·00	1912
Spencer Street (Melbourne City Council)	1	English Electric	5,500	6,600	3,000	13·50	1927
	5	Bellis & Morcom ...	3,900	6,600	3,000	17·00	1913
	6	Parsons	5,500	6,600	3,000	12·50	1935
	7	A.S.E.A.	6,875	6,600	3,000	12·00	1939
	8	,, ...	6,875	6,600	3,000	12·00	1939
	9	Parsons	15,000	6,600	3,000	11·50	1949
Shepparton	1	Mirrlees	830	6,600	375	....	1951
	2	,, ...	830	6,600	375	....	1951
	3	,, ...	830	6,600	375	....	1951
	4	,, ...	830	6,600	375	....	1952
	5	,, ...	830	6,600	375	....	1952
Warrnambool	1	,, ...	830	6,600	375	....	1952
	2	,, ...	830	6,600	375	....	1952
Sugarloaf	1	Boving	6,750	6,600	250	....	1929
	2	,, ...	6,750	6,600	250	....	1929
Rubicon Falls	1	,, ...	275	6,600	500	....	1926
Lower Rubicon	1	,, ...	2,700	6,600	750	....	1928
Royston	1	,, ...	840	6,600	1,000	....	1928
Rubicon	1	,, ...	4,550	6,600	500	....	1928
	2	,, ...	4,550	6,600	500	....	1928
Kiewa	1	English Electric	13,000	11,000	428	....	1944
	2	,, ,, ...	13,000	11,000	428	....	1945
			506,275				

* D.C.—All others A.C., 3 phase, 50 cycle.

(ii) 25 Cycle

Newport "A"	1	Parsons	12,500	3,300	1,500	13·00	1918
	2	,, ...	30,000	20,000	1,500	9·60	1951
	3	,, ...	14,000	3,300	1,500	12·50	1922
	4	,, ...	30,000	20,000	1,500	9·60	1943
	5	,, ...	12,500	3,300	1,500	13·00	1921
	6	,, ...	14,000	3,300	1,500	12·50	1923
			113,000				

Appendix No. 9—continued

(c) Boilers Installed at Power Stations.

(i) 50 Cycle

Power Station	Boiler No.	Make	Rated Evaporative Capacity of each Boiler lb./per hour	Working Pressure of each Bailer lb. (gauge) per sq. in.	Total Steam Temperature including Superheat Deg. F.	Year Installed
Yallourn	1		68,600	270	650	1924
	2		68,600	270	650	1924
	3		68,600	270	650	1924
	4		68,600	270	650	1925
	5		98,000	270	650	1925
	6		98,660	270	650	1928
	7		78,800	270	650	1927
	8		98,000	270	650	1925
	9		98,000	270	650	1925
	10		77,400	270	650	1925
	11		68,600	270	650	1924
	12	John Thompson	68,600	270	650	1924
	13		75,000	270	750	1931
	14		75,000	270	750	1931
	15		75,000	270	750	1937
	16		75,000	270	750	1937
	17		75,000	270	750	1938
	18		75,000	270	750	1938
	19		75,000	270	750	1937
	20		75,000	270	750	1937
	21		75,000	270	750	1932
	22		75,000	270	750	1932
Newport "B" & "C"	1		43,000	270	650	1923
	2		43,000	270	650	1923
	3	Babcock & Wilcox	43,000	270	650	1923
	4		43,000	270	650	1923
	5		43,000	270	650	1923
	6		60,000	270	750	1939
	7		60,000	270	750	1939
	8		60,000	270	750	1939
	9		60,000	270	750	1939
	10		60,000	270	750	1939
	11		160,000	620	820	1945
	12	John Thompson	160,000	620	820	1945
	13		160,000	620	820	1947
	14		160,000	620	820	1948
	15		160,000	620	820	1950
	16		160,000	620	820	1950
	17		160,000	620	820	1950
	18		160,000	620	820	1949
Richmond	1		20,000	160	570	1917
	2		20,000	160	570	1919
	15		20,000	160	570	1921
	16	Babcock & Wilcox	20,000	160	570	1920
	17		20,000	160	570	1921
	18		20,000	160	570	1920
Geelong	1		27,000	200	588	1921
	2		27,000	200	588	1921
	3		27,000	200	588	1922
	4	John Thompson	27,000	200	588	1922
	5		27,000	200	588	1924
	6		27,000	200	588	1924
Ballarat	1		11,000	160	600	1906
	2		11,000	160	600	1906
	3	Stirling	11,000	160	600	1906
	4		11,000	160	600	1913
	5		11,000	160	600	1937
Spencer Street (Melbourne City Council)	1		25,000	160	570	Reconstd. 1925
	2	Babcock & Wilcox	25,000	160	570	1925
	3		25,000	160	570	1925
	4		25,000	160	570	1925
	6	John Thompson	55,000	160	570	1938
	8	Babcock & Wilcox	55,000	160	570	1934
	10		55,000	160	570	1937
	12		55,000	160	570	1939
	14		55,000	160	570	1940
	16	John Thompson	55,000	160	570	1936
	22		60,000	165	620	1941
	24		60,000	165	620	1941

(ii) 25 Cycle

Newport "A"	1		30,000	200	600	1918
	2		30,000	200	600	1918
	3		30,000	200	600	1918
	10		30,000	200	600	1918
	11		30,000	200	600	1918
	12		30,000	200	600	1918
	13	Babcock & Wilcox	30,000	200	600	1918
	14		30,000	200	600	1918
	15		30,000	200	600	1918
	16		30,000	200	600	1918
	17		30,000	200	600	1918
	18		30,000	200	600	1918
	19	International Combustion	54,000	200	600	Reconstd. 1927
	20		30,000	200	600	1918
	21		30,000	200	600	1918
	22	Bobcock & Wilcox	30,000	200	600	1918
	23		30,000	200	600	1918
	24		30,000	200	600	1918
	2M		187,500	400	780	1951
	3M	Internotional Combustion	187,500	400	780	1943
	4M		187,500	400	780	1943

STATISTICS

ELECTRICITY SUPPLY

APPENDIX No. 10

ELECTRICITY SUPPLY UNDERTAKINGS — STATE OF VICTORIA

STATISTICAL SUMMARY — CONSUMERS AND SALES AT 30th JUNE, 1952

—	Population Area Served	Consumers		Retail Sales	
		Number	Percentage of Grand Total	kWh	Percentage of Grand Total
State Electricity Commission of Victoria—					
Metropolitan (excl. adjacent rural areas)	915,842	242,648	39·32	1,009,158,447	46·10
Provincial Cities (excl. adjacent rural areas)	142,697	42,435	6·88	131,202,235	5·99
Country	515,621	157,931	25·60	418,075,391	19·10
Total	1,574,160	443,014	71·80	1,558,436,073	71·19
Other Undertakings—					
Metropolitan (receiving Bulk Supply from State Electricity Commission of Victoria)	484,207	141,620	22·95	583,164,774	26·64
Country (Local Undertakings)	116,659	32,372	5·25	47,513,951	2·17
Total	600,866	173,992	28·20	630,678,725	28·81
Grand Total	2,175,026*	617,006	100·00	2,189,114,798	100·00

* Total population of Victoria — 2,335,475

APPENDIX No. 11

STATE ELECTRICITY COMMISSION OF VICTORIA

CONSUMER STATISTICS

(a) AGGREGATES FOR ALL BRANCHES, 1933 – 1952

Year Ended 30th June	Population of Area of Supply	Number of Consumers	Percentage of Consumers to Population	kWh Sold per Consumer (Average)			Motors Connected		Number of Farms Supplied
				Domestic	Industrial	Commercial	Number	H.P.	
1933	831,000	186,175	22·4	423	44,480	1,100	19,760	169,646	1,600
1934	880,000	192,969	21·9	446	46,743	1,190	21,007	173,699	1,740
1935	972,000	213,669	22·0	466	47,903	1,257	24,260	191,550	2,025
1936	972,000	225,534	23·2	487	48,300	1,377	26,608	204,503	2,540
1937	**984,000**	**235,942**	**24·0**	**520**	**47,970**	**1,509**	**29,063**	**213,667**	**3,200**
1938	1,018,000	249,244	24·5	540	45,286	1,611	32,386	227,903	4,030
1939	1,050,000	260,733	24·8	566	42,158	1,734	36,282	245,697	4,985
1940	1,080,000	271,749	25·2	626	43,483	1,917	41,530	275,458	5,785
1941	1,104,000	284,373	25·8	658	47,604	2,081	46,114	299,988	6,410
1942	**1,123,000**	**292,341**	**26·0**	**703**	**53,236**	**2,245**	**50,465**	**322,283**	**6,785**
1943	1,141,000	296,717	26·0	756	56,911	2,626	54,285	345,924	7,032
1944	1,149,000	300,465	26·1	793	51,656	2,769	59,483	365,746	7,467
1945	1,193,000	311,172	26·1	838	43,189	2,934	65,983	401,085	8,772
1946	1,200,000	321,631	26·8	928	35,663	3,104	71,796	430,452	10,209
1947	**1,253,000**	**339,286**	**27·1**	**1,015**	**33,209**	**2,769**	**77,735**	**454,901**	**11,680**
1948	1,300,000	355,258	27·3	1,151	32,813	3,132	84,361	481,408	13,181
1949	1,353,000	372,135	27·5	1,370	33,061	3,400	90,896	505,877	14,419
1950	1,414,000	391,005	27·7	1,556	32,301	3,555	96,150	528,618	15,741
1951	1,496,000	415,682	27·8	1,566	32,171	3,817	101,988	565,298	17,572
1952	**1,574,000**	**443,014**	**28·1**	**1,496**	**29,025**	**3,736**	**107,234**	**590,164**	**19,953**

(b) ELECTRICITY SUPPLY BRANCHES — 1951 AND 1952

Branch		Population of Area of Supply	Number of Consumers	Percentage of Consumers to Population	kWh Sold per Consumer (Average)			Motors Connected		Number of Farms Supplied
					Domestic	Industrial	Commercial	Number	H.P.	
Metropolitan	1952	918,339	241,818	26·33	1,541	64,699	4,011	59,565	314,319	1,196
	1951	884,267	233,300	26·38	1,596	72,010	4,149	58,009	307,072	1,258
Ballarat	1952	59,271	17,949	30·28	898	26,539	2,958	4,909	25,014	910
	1951	58,348	17,033	29·19	979	30,113	2,954	4,481	23,530	787
Bendigo	1952	43,455	13,110	30·17	1,091	28,085	2,108	3,026	21,312	568
	1951	43,220	12,429	28·76	1,160	31,396	2,284	2,772	19,519	469
Geelong	1952	71,580	21,599	30·17	1,079	71,278	3,134	6,404	47,174	799
	1951	70,400	19,940	28·32	1,131	76,551	3,064	6,220	46,402	671
Eastern Metropolitan	1952	153,871	50,683	32·94	1,793	8,823	4,096	5,134	35,377	3,523
	1951	131,106	44,028	33·58	1,924	9,061	4,204	4,392	30,277	3,087
Gippsland .... (Incl. Yallourn)	1952	122,501	33,711	27·52	1,730	9,112	3,536	9,268	49,472	4,885
	1951	112,371	30,079	26·77	1,806	9,501	3,509	8,703	47,861	4,387
Midlond	1952	45,416	11,750	25·87	994	16,651	2,323	2,563	15,318	1,000
	1951	44,398	11,018	24·82	1,099	18,645	2,392	2,435	14,390	834
North Eastern	1952	89,451	30,905	34·55	1,376	18,909	5,291	11,259	64,620	3,794
	1951	84,133	27,877	33·14	1,504	19,355	5,223	10,222	59,353	3,224
South Western	1952	70,276	21,489	30·58	1,506	8,174	2,014	5,106	17,558	3,278
	1951	67,648	19,978	29·53	1,596	7,803	2,170	4,754	16,894	2,855
Total	1952	1,574,160	443,014	28·1	1,496	29,025	3,736	107,234	590 164	19,953
	1951	1,495,891	415,682	27·8	1,566	32,171	3,817	101,988	565,298	17,572

STATE ELECTRICITY COMMISSION OF VICTORIA

ELECTRICITY SALES AND REVENUE

(a) AGGREGATES FOR ALL BRANCHES, 1933 – 1952

Year Ended 30th June	Sales—kWh (Millions)							Revenue			
	Bulk Supplies	Public Lighting	Domestic	Industrial	Traction	Commercial	Total	Total	Per kWh. Sold		
									Domestic	Industrial	Commercial
								£	d.	d.	d.
1933	165·023	10·920	64·547	122·543	45·506	30·491	439·030	2,569,972	3·288	1·010	3·537
1934	178·449	11·049	70·409	135·088	45·723	33·734	474·452	2,709,064	3·161	1·004	3·376
1935	181·900	11·681	81·367	156·789	46·325	39·437	517·499	2,995,962	3·008	0·978	3·353
1936	211·004	11·975	89·630	170 453	49·543	44·231	576·836	3,164,629	2·789	0·969	3·134
1937	**220·031**	**12·408**	**100·994**	**186·415**	**54·136**	**49·372**	**623·356**	**3,331,561**	**2·635**	**0·943**	**2·915**
1938	241·988	12·950	110·597	202·249	56·025	54·080	677·889	3,528,396	2·559	0·929	2·714
1939	257·394	14·282	122·134	215·175	58·197	59·915	727·097	3,685,538	2·420	0·922	2·567
1940	285·031	16·804	141·172	252·072	59·844	67·224	822·147	3,881,022	2·165	0·883	2·338
1941	311·546	16·516	155·726	307·239	60·199	73·547	924·773	4,241,264	2·059	0·842	2·262
1942	**369·236**	**10·509**	**173·951**	**377·439**	**64·295**	**78·168**	**1,073·598**	**4,657,452**	**1·973**	**0·817**	**2·112**
1943	404·121	11·694	192·067	417·220	66·085	87·821	1,179·008	4,935,602	1·869	0·799	1·908
1944	422·287	15·984	203·979	400·129	66·008	92·938	1,201·325	5,101,631	1·822	0·830	1·835
1945	417·193	16·782	220·247	387·365	65·299	100·790	1,207·676	5,259,890	1·783	0·852	1·781
1946	447·005	17·255	250·245	383·018	66·605	110·413	1,274·541	5,605,333	1·700	0·883	1·814
1947	**449·380**	**17·614**	**285·596**	**421·887**	**65·107**	**104·539**	**1,344·123**	**5,835,194**	**1·606**	**0·868**	**1·900**
1948	506·780	18·106	339·025	468·238	66·900	122·448	1,521·497	6,543,089	1·506	0·874	1·905
1949	563·296	18·607	422·681	516·071	68·181	136·179	1,725·015	8,129,973	1·517	0·977	2·070
1950	613·552	14·253	504·311	546·607	54·998	146·450	1,880·171	9,446,008	1·554	1·057	2·148
1951	656·488	17·982	536·844	592·261	135·548	162·219	2,101·342	11,524,389	1·679	1·141	2·178
1952	**679·665**	**20·451**	**547·213**	**590·871**	**236·265**	**163·636**	**2,238·101**	**15,099,864**	**2·063**	**1·415**	**2·639**

Note.—Above figures do not include allowances for unread meters prior to 1941.

(b) ELECTRICITY SUPPLY BRANCHES — 1951 AND 1952

Year Ended 30th June		Sales—kWh (Millions)							Revenue			
		Bulk Supplies	Public Lighting	Domestic	Industrial	Traction	Commercial	Total	Total	Per kWh. Sold		
										Domestic	Industrial	Commercial
									£	d.	d.	d.
Metropolitan (Incl. Metropolitan Bulk Supplies)	1952	649·131	15·327	326·270	356·942	236·265	82·137	1,666·072	10,319,012	1·870	1·379	2·557
	1951	627·984	13·491	325·555	373·949	135·548	84·043	1,560·570	7,831,413	1·536	1·113	2·107
Ballarat	1952	....	0·473	12·994	20·727	....	6·710	40·904	360,705	2·766	1·376	2·948
	1951	....	0·426	13·383	20·838	....	6·566	41·213	298,212	2·232	1·125	2·490
Bendigo	1952	....	0·500	11·539	15·334	....	3·534	30·907	277,788	2·580	1·487	3·450
	1951	....	0·539	11·568	15·133	....	3·664	30·904	227,670	2·117	1·196	2·857
Geelong	1952	....	0·608	18·995	49·681	....	7·861	77·145	582,236	2·659	1·238	3·186
	1951	....	0·512	18·376	47·844	....	7·405	74·137	459,709	2·168	1·010	2·718
Eastern Metropoliton	1952	....	1·123	73·538	20 673	....	17·177	112·511	1,025,255	2·162	1·808	2·624
	1951	....	0·950	68·021	18·883	....	16·334	104·188	769,120	1·731	1·482	2·165
Gippsland (Incl. Yallourn)	1952	....	0·810	41·488	39·071	....	13·269	94·638	791,207	2·175	1·606	2·507
	1951	....	0·693	37·847	37·264	....	12·484	88·288	595,211	1·774	1·272	2·043
Midland	1952	....	0·373	8·878	12·738	....	3·942	25·931	243,743	2·798	1·557	3·079
	1951	....	0·307	9·202	12·287	....	3·928	25·724	195,780	2·209	1·266	2·493
North Eastern (Incl. N.S.W. Bulk Supplies)	1952	30·534	0·798	30 404	55·311	....	23·326	140·373	1,042,921	2·457	1·402	2·338
	1951	28·504	0·675	30·001	48·522	....	21·874	129 576	792,351	1·960	1·128	1·923
South Western	1952	....	0·439	23·107	20·394	....	5·680	49·620	456,997	2·339	1·645	3·490
	1951	....	0·389	22·891	17·541	....	5·921	46·742	354,923	1·882	1·353	2·804
Total	1952	679·665	20·451	547·213	590·871	236·265	163·636	2,238·101	15,099,864	2·063	1·415	2·639
	1951	656·488	17·982	536·844	592·261	135·548	162·219	2,101·342	11,524,389	1·679	1·141	2·178

STATE ELECTRICITY COMMISSION OF VICTORIA
STANDARD TARIFFS AS AT 1st JULY, 1952

TARIFFS FOR NON-RESIDENTIAL PREMISES

Tariffs	Residential and Commercial: Metropolitan	Residential and Commercial: Provincial City and Town (Ballarat, Bendigo, Geelong and Large Towns.)	Residential and Commercial: Country (Smaller Towns and Rural Areas.)	Farming. Farming Operations Only. All Extra-Metropolitan Areas.	Industrial Factories and Other Industrial Establishments. All Supply Areas	Miscellaneous
	1	2	3	4	5	6
Residential Tariff (Domestic and Commercial Residential Premises)—						Tariffs for the following centres are the same as shown in Columns 2, 4 and 5, except the Residential Tariff within certain areas:— Croydon, Heathmont, Kilsyth, Montrose, Ringwood. Details of Residential tariffs for the areas concerned will be supplied on request.
Service Charge a month for each assessable room	1s. 5d.	1s. 10d.	2s. 0d.			
Rate a kWh	1.85d.	2.35d.	2.5d.			
Maximum overall rate a kWh	8.0d.	8.0d.	8.0d.			
Lighting— Block Tariff—rates a kWh (based on monthly consumption)	First 20 at 6.5d. Balance at 5.25d.	First 100 at 8.25d. Balance at 6.0d.	First 100 at 9.25d. Next 200 at 7.5d. Balance at 6.0d.		First 20 at 6.5d. Balance at 5.25d.	
Power and Heating— Block Tariff—rates a kWh (based on monthly consumption)	First 200 at 3.5d. Next 4,800 at 2.0d. ,, 20,000 at 1.7d. Balance at 1.65d.	First 200 at 4.0d. Next 4,800 at 2.6d. ,, 20,000 at 1.85d. Balance at 1.8d.	First 50 at 4.4d. Next 150 at 4.0d. ,, 4,800 at 2.6d. ,, 20,000 at 1.85d. Balance at 1.8d.		First 200 at 3.5d. Next 4,800 at 2.0d. ,, 20,000 at 1.7d. Balance at 1.56d.	
	11 p.m.-7 a.m.—0.825d.	10.30 p.m.-6.30 a.m.* —0.9d.	10 p.m.-6 a.m.—0.9d.		11 p.m.-7 a.m.*—0.825d.	
Rental a month for each two-rate meter	5s.	5s.	5s.		5s.	
Power, Heating and Lighting—	**Commercial General Service**	**Commercial General Service**	**Commercial General Service**	**Farming General Service**	**Industrial All-Purposes**	
Block Tariff—rates a kWh (based on monthly consumption)	First 20 at 6.5d. Next 980 at 5.25d. ,, 1,000 at 3.5d. ,, 3,000 at 3.0d. ,, 20,000 at 1.7d. Balance at 1.65d.	First 100 at 8.25d. Next 900 at 6.0d. ,, 4,000 at 4.0d. ,, 20,000 at 1.85d. Balance at 1.8d.	First 100 at 9.25d. Next 200 at 7.5d. ,, 700 at 6.0d. ,, 4,000 at 4.0d. ,, 20,000 at 1.85d. Balance at 1.8d.	First 4 at 9.0d. Next 196 at 4.2d. ,, 4,800 at 2.6d. Balance at 1.85d.	First 20 at 6.5d. Next 480 at 5.25d. ,, 4,500 at 3.2d. ,, 20,000 at 1.7d. ,, 100,000 at 1.65d. Balance at 1.6d.	
	11 p.m.-7 a.m.—0.825d. (Power and Heating only)	10.30 p.m.-6.30 a.m.* —0.9d. (Power and Heating only)	10 p.m.-6 a.m.—0.9d. (Power and Heating only)	10 p.m.-6 a.m.*—0.9d.	11 p.m.-7 a.m.—0.825d. (See Note 2 below)	
Rental a month for each two-rate meter	5s.	5s.	5s.	5s.	5s.	
Industrial Maximum Demand (See Note 3 below) **Power, Heating and Lighting.**					£1 6s. 8d. a month for each kW of maximum demand plus 0.7d. a kWh (500 kW. Minimum demand charge). Reset monthly.	
Commercial Range (**Electric Cooking**)—Rate a kWh	1.85d.	2.35d.	2.5d.			
Water Heating—Night Tariff Rate a kWh	0.875d.	0.975d.	0.975d.	0.975d.	0.875d.	
Minimum Charge—a month	3s. 6d.	4s. 0d.	4s. 6d.	4s. 0d.	3s. 6d.	

* Prescribed hours for these tariffs are 10.30 p.m. - 6.30 a.m. in Ballarat, Bendigo and Geelong. In other extra-metropolitan areas the hours are 10 p.m. - 6 a.m.

Notes.—1. Details regarding the application of the above tariffs are shown in the Commission's published tariff schedules, which are available on request. 2. A consumer adopting the Industrial All-Purposes Tariff must agree to pay a special minimum charge of £17 14s. 2d. per month. 3. The Industrial Maximum Demand Tariff is available only to consumers entering into a five-year agreement providing for high tension supply and for monthly payments based on the minimum demand indicated or half the stipulated rate of supply, whichever is the greater.

STATE ELECTRICITY COMMISSION OF VICTORIA
TRANSMISSION AND DISTRIBUTION SYSTEMS

Description		Increase during Year ended 30th June, 1952		Total at 30th June, 1952	
		Route Miles	Cable Miles	Route Miles	Cable Miles
OVERHEAD LINES.					
Yallourn to Yarraville	132 kV.	....	....	110·0	660·0
Yallourn to Richmond	132 kV.	....	....	80·5	483·0
Yallourn to Worrogul	66 kV.	....	....	24·8	74·4
Newport to Geelong	66 kV.	....	....	79·3	252·3
Sugarloaf to Thomastown	66 kV.	....	....	62·0	372·0
Sugarloaf to Eildon	66 kV.	....	....	1·1	5·1
Eildon Deviation to Eildon	66 kV.	....	....	1·4	4·2
Thomastown to Bendigo	66 kV.	....	....	93·4	560·7
Newport to Ballarat	66 kV.	....	....	78·0	234·0
Moindample to Wangaratta	66 kV.	....	....	58·0	174·0
Kiewa No. 3 P.S. to Sugarloaf	66 kV.	....	....	137·0	411·0
Kiewa No. 3 P.S. to Howman's Gap	66 kV.	....	....	4·0	12·0
Kiewa No. 3 P.S. to Mt. Beauty	22 kV.	....	....	4·8	14·4
Kiewa-Rocky Valley to Pretty Valley	22 kV.	....	....	3·0	9·0
Sugarloaf P.S. to Eildon	6.6 kV	....	....	0·6	3·6
Main Metro. Transmission Lines	66 kV.	....	....	36·7	66·1
,, ,, ,, ,,	22 kV.	4·0	17·4	226·1	775·0
,, ,, ,, ,,	6.6 kV.	3·5	10·5	5·9	19·5
Branches—					
Metropolitan	22 kV.	4·0	10·5	115·8	341·2
	7.2, 6.6, 4.0 kV.	8·6	27·7	354·0	1,050·6
	Low tension	43·4	240·3	2,082·7	8,041·4
Ballarat	22 kV.	30·9	63·3	303·3	787·3
	6.6 kV.	—6·0	—11·5	30·0	84·5
	Low tension	25·6	91·2	384·7	1,294·8
Bendigo	22 kV.	35·9	80·8	305·8	787·4
	11 kV.	8·0	8·0	8·0	8·0
	Low tension	17·2	36·3	243·7	829·7
Geelong	22 kV	17·8	36·4	178·6	452·6
	6.6 kV.	2·7	5·3	69·1	241·2
	Low tension	35·6	121·7	301·0	1,057·4
Eastern Metropolitan	22 kV.	38·6	99·8	730·1	1,890·5
	6.6 kV.	1·9	3·9	72·4	181·4
	Low tension	133·2	501·3	1,188·6	4,137·1
Gippsland	66 kV	....	....	98·2	294·6
	22 kV.	91·9	188·1	1,314·2	3,180·4
	6.6 kV.	....	....	0·8	1·6
	Low tension	118·2	377·3	1,203·9	3,994·3
Midland	22 kV.	39·1	86·8	481·5	1,384·7
	6.6 kV.	....	....	1·6	4·7
	Low tension	11·7	65·1	338·3	1,138·9
North-Eastern	66 kV.	....	....	173·9	633·8
	22 kV.	164·7	390·8	1,454·4	3,766·7
	Low tension	78·3	252·9	828·3	2,864·6
South-Western	66 kV.	....	61·2	155·3	666·5
	44 kV.	....	....	2·0	6·1
	22 kV.	92·5	185·2	1,357·6	2,938·7
	6.6 kV.	....	....	63·6	176·8
	Low tension	55·4	157·5	588·7	1,574·6
Yallourn	6.6 kV.	2·1	6·4	13·2	39·6
	Low tension	3·6	11·9	24·5	82·6
Summary	132 kV.	....	....	190·5	1,143·0
	66 kV.	....	61·2	1,003·1	3,760·7
	44 kV.	....	....	2·0	6·1
	22 kV.	519·4	1,159·1	6,475·2	16,327·9
	11 kV.	8·0	8·0	8·0	8·0
	7.2, 6.6, 4.0 kV.	12·8	42·3	611·2	1,803·5
	Low tension	522·2	1,855·5	7,184·4	25,015·4
		1,062·4	3,126·1	15,474·4	48,064·6

UNDERGROUND CABLES.	Cable Miles	Cable Miles
60 kV.	0·58	0·58
22 and 20 kV.	—1·03	170·73
11, 7.2, 6.6, 4.0, 3.3 and 2.2 kV.	6·16	352·31
Pilot, telephone, and supervisory	15·61	210·93
Low tension	7·25	71·78
	28·57	806·33

SUB-STATIONS.	Number	Capacity kVA	Number	Capacity kVA
Terminal Stations	1	98,500	9	579,750
Switching Stations	....	....	2	18,000
Main Metropolitan Transmission Sub-stations	1	8,500	45	561,250
Branches—				
Metropoliton	44	12,675	1,060	312,375
Ballarat	40	1,475	315	17,925
Bendigo	47	1,625	282	39,180
Geelong	31	1,887	291	37,197
Eastern Metropolitan	95	9,230	990	71,710
Gippsland	103	5,700	1,165	51,745
Midland	63	6,240	445	28,750
North-Eastern	219	5,775	1,430	93,445
South-Western	165	2,108	1,510	59,378
Yallourn	....	200	23	4,280
	809	153,915	7,567	1,874,985

STATE ELECTRICITY COMMISSION OF VICTORIA

COUNTRY UNDERTAKINGS ACQUIRED (79) — INCREASED DEVELOPMENT SINCE ACQUISITION

Location	Acquisition Date	After Acquisition, Year Ended 30.6.52		Prior to Acquisition			Average Revenue per kWh Sold	
		kWhs. Sold	Revenue	kWhs. Sold	Revenue	For Year Ended	1951-52	Prior to Acquisition
			£		£		d.	d.
Metropolitan Branch								
Werribee	10.4.24	7,719,085	68,258	61,190	2,575	30.9.23	2·12	10·10
Ballarat Branch								
Ballan	1.3.40	212,594	2,811	13,261	964	30.6.39	3·17	17·45
Daylesford	31.10.40	1,798,515	17,806	184,853	5,091	31.10.40	2·38	6·61
Hepburn Springs	1.10.40	410,278	4,700	46,002	1,701	30.6.40	2·81	8·87
Wallace	17.5.40	104,873	974	1,320	90	30.6.39	2·23	16·36
Bendigo Branch								
Eaglehawk	1.2.36	3,286,675	26,768	198,580	4,472	30.9.35	1·95	5·40
Elmore	2.9.47	583,931	5,767	60,000	2,188	30.6.46	2·37	8·75
Inglewood	3.12.46	266,340	3,977	89,400	2,614	30.9.46	3·58	7·02
Mitiamo	19.3.51	30,703	574	8,728	391	30.6.50	4·49	10·75
Eastern Metropolitan Branch								
Dandenong	1.10.23	9,111,000	74,472	77,300	4,006	30.9.23	1·96	12·44
Frankston	21.2.28	10,523,000	92,945	293,000	8,859	30.9.27	2·12	7·25
Healesville	1.4.33	2,293,991	23,708	108,910	4,196	30.9.31	2·48	9·24
Lilydale	1.4.25	2,491,499	19,261	39,950	1,836	30.9.24	1·85	10·91
Mornington	1.8.30	5,146,283	46 474	120,000	4,634	30.9.28	2·17	9·26
Ringwood and Croydon	1.4.25	13,388,171	108,584	181,600	4,393	30.9.24	1·95	5·81
Sorrento and Portsea	1.10.27	2,346,317	22,124	47,500*	2,440	30.9.27	2·26	12·33*
Warburton	1.7.44	1,005,127	9,476	112,555	3,485	30.6.44	2·26	7·43
Gippsland Branch								
Bairnsdale	1.4.27	3,742,744	35,839	100,272	2,948	30.6.23	2·30	7·06
Drouin	3.10.24	2,155,959	16,821	19,500	743	30.9.21	1·87	9·15
Garfield	1.8.29	233,839	2,479	8,864	465	30.12.27	2·54	12·59
Heyfield	15.9.24	1,362,013	12,055	20,000*	950*	30.6.24	2·13	11·40*
Inverloch	1.10.34	292,148	3,730	4,000*	200	30.6.34	3·06	12·00*
Koo-wee-rup	1.8.35	793,582	6,980	17,481	686	9.8.33	2·11	9·42
Korumburra	1.12.24	3,207,506	22,835	85,000	3,427	20.9.23	1·71	9·68
Leongatha	15.2.24	2,384,767	18,764	50,640	2,012	30.6.23	1·89	9·53
Maffra	1.9.24	5,458,369	35,304	62,000	2,651	30.9.22	1·55	10·26
Morwell	1.4.26	12,395,260	78,205	52,062	1,772	30.9.25	1·51	8·17
Neerim South - Noojee	15.1.35	1,078,405	9,413	59,550	1,193	30.6.33	2·09	4·81
Sale	1.7.24	5,504,241	49,576	114,155	3,687	30.6.24	2·16	7·75
Toora - Foster	1.5.38	1,232,028	10,578	116,330	2,348	30.6.36	2·06	4·84
Thorpdale	23.12.37	189,600	1,836	5,000*	312*	23.12.37	2·32	14·98*
Warragul	1.12.30	4,931,284	44,415	150,000*	4,830	30.11.30	2·16	7·73*
Welshpool	13.8.38	131,292	1,454	5,280*	172*	13.8.38	2·66	7·82*
Yarram	31.7.46	1,300,741	12,541	264,000*	6,422	31.1.46	2.31	5·84*
Midland Branch								
Avoca	1.8.40	472,804	5,115	46,410	1,922	30.6.40	2·59	9·94
Bacchus Marsh	2.6.41	2,048,182	19,684	253,913	4,225	30.9.40	2·31	3·99
Castlemaine	31.12.29	3,943,222	35,305	175,904	7,130	31.12.28	2·15	9·73
Dunolly	1.4.38	265,766	3,342	32,667	1,180	30.9.37	3·02	8·73
Gisborne	1.10.28	429,366	4,417	17,000	1,074	30.9.27	2·45	15·16
Kyneton	1.10.29	1,673,976	16,790	143,340	5,433	30.9.27	2·41	9·09
Maryborough	1.10.37	4,413,634	40,074	421,013	10,215	30.9.37	2·18	5·82
Sunbury	1.5.26	787,424	8,776	58,501	2 490	30.9.24	2·68	10·21
Trentham	8.5.39	211,512	2,587	21,000*	989	30.9.38	2·94	11·30*
Woodend	1.8.29	758,244	8,075	51,000	2,555	30.9.27	2·56	12·02
North-Eastern Branch								
Alexandra	11.4.27	1,213,498	11,800	64,000*	1.875	30.9.26	2·33	7.00*
Beechworth	2.9.46	1,272,189	13,462	182,661	6,982	30.9.46	2·54	9·17
Benalla	1.5.26	4,137,047	39,608	70,800	3,373	30.9.24	2·30	11·43
Bright	1.12.41	664,759	6,217	49,200	1,801	13.10.41	2·24	8·79
Broadford	31.8.48	5,157,953	27,691	75,089	2,678	31.8.48	1·29	8·56
Chiltern	1.9.26	213,643	2,417	13,475	730	31.8.26	2·71	13·00
Cobram	1.10.28	1,587,296	14,189	19,500	1,416	30.9.27	2·14	17·43
Euroa	20.3.28	1,313,191	13,710	46,618	1,782	30.9.25	2·50	9·17
Kyabram	1.12.26	3,544,829	30,075	92,312	3,462	4.7.25	2·04	9·00
Mansfield	1.6.28	1,023,889	11,609	25,000	1,341	30.9.27	2·72	12·88
Mooroopna	1.10.26	2,241,226	16,940	40,000	1 457	30.9.25	1·81	8·74
Murchison	30.11.45	344,983	4,059	114,080	2,547	30.9.45	2·82	5·36
Myrtleford	1.12.40	1,055,630	10,471	59,260	2,089	30.6.40	2·38	8·46
Natholia and Numurkah	1.10.31	1,976,399	20.316	96,763	3,619	30.9.31	2·47	8·97
Rochester	1.8.35	1,305,160	12,391	191,310	4,223	31.7.35	2·28	5·30
Rutherglen	15.10.26	1,288,705	12,455	28,392	1,377	30.9.24	2·32	11·64
Seymour	2.10.44	4,652,912	43,910	1,004,623	14 019	30.9.44	2·26	3·35
Shepparton	1.1.25	7,622,189	70,902	163,400	4,625	30.6.24	2·23	6·79
Stanhope	14.6.38	1.808,620	14,252	5,150*	341	14.6.38	1·89	15·89*
Tallangatta	1.11.40	574,886	5,684	118,033	3,119	30.9.40	2·37	6·34
Tatura	1.11.26	1,305,460	12,446	40,000	1,710	30.6.25	2·29	10·26
Violet Town	1.3.36	177,404	2,338	14,650*	1,160	30.9.35	3·16	19·00*
Wahgunyah	1.2.26	198,844	2,097	7,233	263	30.9.22	2·53	8·73
Wangaratta	12.3.27	9,713,913	76,773	151,600	4,788	30.9.25	1·90	7·58
Wodonga	1.11.33	1,891,302	18,744	64,500*	3,000*	30.6.33	2·38	11·16*
Yarrawonga	1.8.25	13,064,527	65,275	47,000	2,149	30.9.24	1·20	10·97
Yea	1.5.45	656,640	7,175	163,550	3,134	30.9.44	2·62	4·60
South-Western Branch								
Camperdown	1.1.24	2.218,577	20,470	97,664	4,122	30.9.23	2·21	10·13
Colac	1.9.23	5,069,113	47,686	99.000	2,673	30.9.23	2·26	6·48
Coleraine	1.7.46	519,089	6,193	100,216	2,435	31.12.44	2·86	5·83
Hamilton	1.7.46	4,893,043	50,766	1,440,664	19,422	31.12.44	2·49	3·24
Koroit	1.12.28	435,662	4,628	50,000	2,319	30.9.28	2·55	11·13
Lorne	15.12.36	1,248,488	12,498	24,000	1,658	30.9.36	2·40	16·58
Mortlake	16.5.24	547,468	5,905	35,306	1,626	30.9.22	2·59	11·05
Terang	4.3.24	1,492,446	14,489	78,839	3,439	30.9.23	2·33	10·47
Total		208,547,270	£1,765,320	8,872,919	£242,708		2·03	6·56

* Approximate only.

COMPARISON OF TOTAL FIGURES

	kWh Sold	Revenue £	Average Revenue per kWh
After Acquisition	208,547,270	1,765,320	2·03d.
Prior to Acquisition	8,872,919	242,708	6·56d.
Increase in Sales and Revenue	199,674,351	1,522,612	Decrease 4·53d. = 69%

ELECTRICITY SUPPLY

CENTRES SERVED IN VICTORIA

CENTRES SERVED BY STATE ELECTRICITY COMMISSION OF VICTORIA

Municipality or Centre	Branch	Location of Officer-in-Charge (District Office)	System of Supply	Population	Number of Consumers	Tariffs as per Appendix No. 13 Columns No.	Date Supply First Undertaken by Commission
METROPOLITAN							
Brighton	Metro	Melbourne	A.C., 3 ph. & 1 ph.				1.9.30
Broadmeadows (Fawkner, Glenroy, portions of North Essendon & Pascoe Vale only)	,,	,,	A.C., 3 ph.				1.8.22
Camberwell	,,	,,	A.C., 3 ph. & 1 ph.				1.9.30
Caulfield	,,	,,	A.C., 3 ph. & 1 ph.				1.9.30
Collingwood	,,	,,	A.C., 3 ph.				1.9.30
Essendon	,,	,,	A.C., 3 ph.				1.8.22
Flemington	,,	,,	A.C., 3 ph.				1.8.22
Fitzroy	,,	,,	A.C., 3 ph.				1.9.30
Hawthorn	,,	,,	A.C., 3 ph. & 1 ph.	899,216	237,277	1 and 5	1.9.30
Kew	,,	,,	A.C., 3 ph. & 1 ph.				1.9.30
Malvern	,,	,,	A.C., 3 ph. & 1 ph.				1.9.30
Moorabbin	,,	,,	A.C., 3 ph.				1.9.30
Mordialloc	,,	,,	A.C., 3 ph.				1.9.30
Mulgrave (port)	,,	,,	A.C., 3 ph.				1.9.30
Oakleigh	,,	,,	A.C., 3 ph.				1.9.30
Prahran	,,	,,	A.C., 3 ph. & 1 ph.				1.9.30
Richmond	,,	,,	A.C., 3 ph.				1.9.30
St. Kilda	,,	,,	A.C., 3 ph. & 1 ph.				1.9.30
Sandringham	,,	,,	A.C., 3 ph.				1.9.30
South Melbourne	,,	,,	A.C., 3 ph.				1.9.30
Sunshine	,,	Sunshine	A.C., 3 ph.				1.3.27
City of Chelsea (excluding Rural)	E/M	Chelsea	A.C., 3 ph.	13,888	4,706	1 and 5	31.12.44
Aspendale, Bonbeach, Carrum, Chelsea, Edithvale							
East Oakleigh (see also Country Centres)	,,	Dandenong	A.C., 3 ph. & 1 ph.	460	128	1 and 5	19.7.26
Clayton (see also Country Centres)	,,	Dandenong	A.C., 3 ph.	2,278	538	1 and 5	30.4.26
BALLARAT							
City of Ballarat (including Alfredton, Ballarat East, Ballarat North, Brown Hill, Canadian and Mt. Pleasant)	Ballarat	Ballarat	A.C., 3 ph. D.C., 3 Wire	44,722	13,256	2, 4 and 5	1.7.34
Borough of Sebastopol	,,	,,	A.C., 3 ph.				(Mt. Clear 30.6.47)
Ballarat Shire (Wendouree only)	,,	,,	A.C., 3 ph.				
Mt. Clear	,,	,,	A.C., 1 ph.				
BENDIGO							
City of Bendigo (including Golden Square, Long Gully, and White Hills)	Bendigo	Bendigo	A.C., 3 ph.				1.7.34
Borough of Eaglehawk	,,	,,	A.C., 3 ph. & 1 ph.				1.2.36
Huntly Shire (portion only, including Epsom)	,,	,,	A.C., 3 ph. & 1 ph.				19.5.37
Marong Shire (portion only, including Kangaroo Flat & Kangaroo Flat South)	,,	,,	A.C., 3 ph. & 1 ph.	37,875	11,374	2, 4 and 5	(Epsom 29.12.39) 1.7.34
Strathfieldsaye Shire (portion only, including Bendigo East, Grassy Flat, Kennington, Flora Hill and Spring Gully)	,,	,,	A.C., 3 ph. & 1 ph.				1.7.34
GEELONG							
City of Geelong	Geelong	Geelong	A.C., 3 ph. D.C., 3 Wire				
City of Geelong West	,,	,,	A.C., 3 ph.				
Newtown and Chilwell	,,	,,	A.C., 3 ph.				
Corio Shire (North Geelong, North Shore and Fyansford)	,,	,,	A.C., 3 ph.	60,100	17,693	2, 4 and 5	1.9.30 (Fyansford 10.10.38)
South Barwon Shire (Belmont, Grovedale and Highton)	,,	,,	A.C., 3 ph.				
Bellarine Shire (Whittington)	,,	,,	A.C., 3 ph.				

CENTRES SERVED BY STATE ELECTRICITY COMMISSION OF VICTORIA — *continued*

Municipality or Centre	Branch	Location of Officer-in-Charge (District Office)	System of Supply	Population	Number of Consumers	Tariffs as per Appendix No. 13 Columns No.	Date Supply First Undertaken by Commission
COUNTRY							
Acheron	N/E	Alexandra	A.C., 1 ph.	94	73	3, 4 and 5	24.11.37
Addington	Ball.	Ballarat	A.C., 1 ph.	60	31	3, 4 and 5	13.4.49
Adelaide Lead	Mid.	Maryborough	A.C., 1 ph.	30	5	3, 4 and 5	19.5.50
Agnes	Gipps.	Foster	A.C., 1 ph.	55	37	3, 4 and 5	1.11.38
Airey's Inlet	S/W.	Lorne	A.C., 1 ph.	100	94	3, 4 and 5	24.12.36
Airly	Gipps.	Sale	A.C., 1 ph.	110	43	3, 4 and 5	16.6.37
Alberton	Gipps.	Yarram	A.C., 3 ph.	332	78	3, 4 and 5	1.10.46
Alberton West	Gipps.	Yarram	A.C., 1 ph.	188	39	3, 4 and 5	18.8.47
Alexandra	N/E.	Alexandra	A.C., 3 ph.	1,200	531	3, 4 and 5	11.4.27
Allansford	S/W.	Warrnambool	A.C., 1 ph.	470	96	3, 4 and 5	20.11.24
Allendale	Ball.	Daylesford	A.C., 3 ph.	125	33	3, 4 and 5	4.11.47
Altona	Metro.	Werribee	A.C., 3 ph. & 1 ph.	4,940	1,252	2, 4 and 5	9.12.24
Alvie	S/W.	Colac	A.C., 1 ph.*	135	36	3, 4 and 5	15.10.24
Amphitheatre	Mid.	Maryborough	A.C., 3 ph. & 1 ph.	360	51	3, 4 and 5	24.8.49
Anglesea	S/W.	Lorne	A.C., 3 ph. & 1 ph.	220	239	3, 4 and 5	21.12.36
Archie's Creek	Gipps.	Korumburra	A.C., 3 ph. & 1 ph.	320	79	3, 4 and 5	1.9.40
Ardmona	N/E.	Shepparton	A.C., 3 ph. & 1 ph.	250	228	3, 4 and 5	25.3.38
Ascot	Ball.	Ballarat	A.C., 3 ph.	90	27	3, 4 and 5	7.12.38
Aspendale Rurol	E/M.	Chelsea	A.C., 3 ph.	22	8	3, 4 and 5	31.12.44
Avenel	N/E.	Seymour	A.C., 3 ph. & 1 ph.	430	122	3, 4 and 5	22.3.48
Avoca	Mid.	Maryborough	A.C., 3 ph.	1,020	386	3, 4 and 5	1.8.40
Avonmore	Bend.	Bendigo	A.C., 1 ph.	20	5	3, 4 and 5	27.9.51
Avonsleigh	E/M.	Belgrave	A.C., 1 ph.	159	66	3, 4 and 5	20.12.50
Bacchus Marsh	Mid.	Bacchus Marsh	A.C., 3 ph. & 1 ph.	3,346	947	2, 4 and 5	3.6.41
Bacchus Marsh Rurol	Mid.	Bacchus Marsh	A.C., 3 ph. & 1 ph.	(See Bacchus Marsh)		3, 4 and 5	3.6.41
Baddaginnie	N/E.	Benallo	A.C., 1 ph.	115	48	3, 4 and 5	23.7.36
Badger Creek	E/M.	Healesville	A.C., 1 ph.	163	41	3, 4 and 5	1.4.33
Bagshot	Bend.	Bendigo	A.C., 1 ph.	30	12	3, 4 and 5	30.11.51
Bairnsdale	Gipps.	Bairnsdale	A.C., 3 ph. & 1 ph.	4,600	1,682	2, 4 and 5	1.4.27
Bairnsdale Rural	Gipps.	Bairnsdale	A.C., 1 ph.	240	51	3, 4 and 5	13.2.36
Bald Hills	Ball.	Ballarot	A.C., 1 ph.	30	10	3, 4 and 5	13.7.38
Balintore	S/W.	Colac	A.C., 1 ph.	50	8	3, 4 and 5	1.6.37
Ballan	Ball.	Ballarat	A.C., 3 ph. & 1 ph.	798	278	3, 4 and 5	1.3.40
Ballendella	N/E.	Rochester	A.C., 3 ph. & 1 ph.	179	92	3, 4 and 5	20.3.40
Balmattum	N/E.	Benalla	A.C., 1 ph.	42	13	3, 4 and 5	8.10.37
Bamawm	N/E.	Rochester	A.C., 3 ph. & 1 ph.	752	336	3, 4 and 5	19.12.45
Bamawm Extension	N/E.	Rochester	A.C., 3 ph. & 1 ph.	(See Bamawm)		3, 4 and 5	23.2.48
Bandiana	N/E.	Wodonga	A.C., 3 ph. & 1 ph.	(See Kiewa)		3, 4 and 5	12.4.39
Baranduda	N/E.	Wodonga	A.C., 3 ph. & 1 ph.	(See Kiewa)		3, 4 and 5	19.6.46
Baringhup	Mid.	Castlemaine	A.C., 3 ph. & 1 ph.	80	6	3, 4 and 5	23.10.47
Baringhup West	Mid.	Maryborough	A.C., 1 ph.	40	17	3, 4 and 5	31.8.50
Barker's Creek	Mid.	Castlemaine	A.C., 3 ph. & 1 ph.	240	41	3, 4 and 5	15.12.44
Barnawartha	N/E.	Wodonga	A.C., 1 ph.	298	71	3, 4 and 5	7.10.27
Barpinba	S/W.	Colac	A.C., 1 ph.*	11	2	3, 4 and 5	8.6.44
Barrabool	Geel.	Geelong	A.C., 1 ph.	160	32	3, 4 and 5	10.12.45
Barwo	N/E.	Numurkah	A.C., 3 ph. & 1 ph.	40	31	3, 4 and 5	24.4.45
Barwon Heads	Geel.	Queenscliff	A.C., 1 ph.	800	416	3, 4 and 5	6.9.24
Batesford	Geel.	Geelong	A.C., 1 ph.	160	27	3, 4 and 5	28.2.39
Boxter	E/M.	Frankston	A.C., 1 ph.	375	117	3, 4 and 5	2.8.49
Bayles	Gipps.	Koo-Wee-Rup	A.C., 3 ph. & 1 ph.	260	116	3, 4 and 5	11.9.35
Bayswater	E/M.	Ringwood	A.C., 3 ph. & 1 ph.	1,865	644	2, 4 and 5 / 3, 4 and 5	24.7.26
Beaconsfield	E/M.	Pakenham	A.C., 1 ph.	224	111	3, 4 and 5	18.6.28
Beeac	S/W.	Colac	A.C., 1 ph.	485	142	3, 4 and 5	21.5.24
Beechworth	N/E.	Beechworth	A.C., 3 ph.	2,709	712	2, 4 and 5	2.9.46
Belgrave	E/M.	Belgrave	A.C., 3 ph. & 1 ph.	3,271	1,450	2, 4 and 5	24.8.25
Belgrave Heights	E/M.	Belgrave	A.C., 1 ph.	284	135	3, 4 and 5	23.12.36
Bellbrae	Geel.	Geelong	A.C., 1 ph.	30	5	3, 4 and 5	9.8.44
Bena	Gipps.	Korumburra	A.C., 3 ph. & 1 ph.	320	124	3, 4 and 5	10.7.30
Bena West	Gipps.	Korumburra	A.C., 1 ph.	75	25	3, 4 and 5	5.8.42
Benalla	N/E.	Benalla	A.C., 3 ph.	5,390	1,735	2, 4 and 5	1.5.26
Benalla Rural	N/E.	Benalla	A.C., 1 ph.	170	100	3, 4 and 5	26.5.37
Bennison	Gipps.	Foster	A.C., 1 ph.	70	20	3, 4 and 5	29.10.38
Berwick	E/M.	Pakenham	A.C., 1 ph.	863	392	3, 4 and 5	7.5.28
Bet Bet	Mid.	Maryborough	A.C., 1 ph.	50	2	3, 4 and 5	23.5.52
Birregurra	S/W.	Colac	A.C., 1 ph.	460	163	3, 4 and 5	30.10.24
Bittern	E/M.	Frankston	A.C., 1 ph.	177	43	3, 4 and 5	22.12.37
Blampied	Ball.	Daylesford	A.C., 1 ph.	76	21	3, 4 and 5	23.4.47
Blowhard	Ball.	Ballarat	A.C., 3 ph. & 1 ph.	55	27	3, 4 and 5	24.1.37
Bochara	S/W.	Hamilton	A.C., 1 ph.	12	3	3, 4 and 5	6.6.51
Boisdale	Gipps.	Maffra	A.C., 1 ph.	520	212	3, 4 and 5	13.3.34
Bolinda	Mid.	Sunbury	A.C., 1 ph.	50	11	3, 4 and 5	4.4.52
Bona Vista	Gipps.	Warragul	A.C., 1 ph.	170	62	3, 4 and 5	30.12.38
Bonegilla	N/E.	Wodonga	A.C., 3 ph.	64	47	3, 4 and 5	18.12.40
Bonnie Doon	N/E.	Mansfield	A.C., 1 ph.	294	66	3, 4 and 5	31.1.41
Bookar	S/W.	Camperdown	A.C., 1 ph.	20	6	3, 4 and 5	10.8.37
Boolarra	Gipps.	Morwell	A.C., 3 ph. & 1 ph.	510	117	3, 4 and 5	29.10.24
Boolarra South	Gipps.	Leongatha	A.C., 1 ph.	90	28	3, 4 and 5	1.8.40
Boorcan	S/W.	Terang	A.C., 3 ph. & 1 ph.*	105	5	3, 4 and 5	20.12.50
Boronia	E/M.	Ringwood	A.C., 3 ph. & 1 ph.	2,743	1,072	2, 4 and 5	23.1.27
Bostock's Creek	S/W.	Camperdown	A.C., 1 ph.*	56	13	3, 4 and 5	15.12.24
Bowen Vale	Mid.	Marybarough	A.C., 1 ph.	50	24	3, 4 and 5	10.5.40

CENTRES SERVED BY STATE ELECTRICITY COMMISSION OF VICTORIA — *continued*

Municipality or Centre	Branch	Location of Officer-in-Charge (District Office)	System of Supply	Population	Number of Consumers	Tariffs as per Appendix No. 13 Columns No.	Date Supply First Undertaken by Commission
Country—cantinued							
Bawser	N/E.	Wangaratta	A.C., 3 ph.	92	8	3, 4 and 5	23.4.34
Braeside	Metra. & E/M.	Melbaurne Dandenang	A.C., 3 ph. & 1 ph.	159	43	2, 4 and 5 3, 4 and 5	27.6.30
Brandy Creek	Gipps.	Warragul	A.C., 1 ph.	50	10	3, 4 and 5	15.2.39
Briagolang	Gipps.	Maffra	A.C., 1 ph.	510	125	3, 4 and 5	5.3.37
Briar Hill	E/M.	Greensborough	A.C., 3 ph.	530	183	2, 4 and 5	12.5.26
Bridgewater	Bend.	Inglewood	A.C., 3 ph. & 1 ph.	500	150	3, 4 and 5	27.4.40
Bright	N/E.	Myrtleford	A.C., 3 ph.	1,665	303	3, 4 and 5	1.12.41
Broadford	N/E.	Seymour	A.C., 3 ph.	1,359	421	3, 4 and 5	31.8.48
Broadmeadows	Metro.	Melbourne	A.C., 3 ph.	980	222	3, 4 and 5	18.11.35
Broomfield	Ball.	Daylesford	A.C., 1 ph.	45	16	3, 4 and 5	17.2.49
Bruthen	Gipps.	Lakes Entrance	A.C., 1 ph.	742	166	3, 4 and 5	1.10.30
Buckley	S/W.	Colac	A.C., 1 ph.*	12	9	3, 4 and 5	20.9.48
Buffalo	Gipps.	Foster	A.C., 1 ph.	50	16	3, 4 and 5	26.6.52
Buffalo River	N/E.	Myrtleford	A.C., 3 ph. & 1 ph.	90	69	3, 4 and 5	24.1.45
Bulla	Mid.	Sunbury	A.C., 1 ph.	211	29	3, 4 and 5	10.11.36
Bullaharre	S/W.	Camperdown	A.C., 1 ph.*	20	10	3, 4 and 5	30.10.45
Bullarook	Ball.	Ballarat	A.C., 1 ph.	176	47	3, 4 and 5	25.11.49
Bullock Swamp	S/W.	Colac	A.C., 1 ph.*	55	15	3, 4 and 5	12.9.24
Buln Buln	Gipps.	Warragul	A.C., 1 ph.	220	76	3, 4 and 5	1.12.30
Bundalaguah	Gipps.	Sale	A.C., 1 ph.	250	52	3, 4 and 5	10.8.29
Bundoora	E/M.	Greensborough	A.C., 3 ph. & 1 ph.	188	59	3, 4 and 5	31.12.27
Bungaree	Ball.	Ballorat	A.C., 3 ph.	413	58	3, 4 and 5	14.5.40
Bung Bong	Mid.	Maryborough	A.C., 3 ph. & 1 ph.	35	11	3, 4 and 5	21.4.41
Buninyong	Ball.	Ballarat	A.C., 3 ph. & 1 ph.	640	193	3, 4 and 5	14.1.37
Bunyip	Gipps.	Koo-Wee-Rup	A.C., 3 ph. & 1 ph.	1,200	247	3, 4 and 5	15.10.28
Burramine	N/E.	Yarrawonga	A.C., 3 ph. & 1 ph.	98	31	3, 4 and 5	12.9.35
Burrumbeet	Ball.	Ballarat	A.C., 3 ph. & 1 ph.	172	58	3, 4 and 5	15.12.47
Burwood Rural	E/M.	Dandenong	A.C., 1 ph.	54	18	2, 4 and 5	7.10.38
Bushfield	S/W.	Warrnambool	A.C., 1 ph.	120	29	3, 4 and 5	8.12.49
Byaduk South	S/W.	Port Fairy	A.C., 1 ph.*	80	26	3, 4 and 5	10.12.48
Byrneside	N/E.	Shepparton	A.C., 1 ph.	70	56	3, 4 and 5	24.5.37
Caldermeade	Gipps.	Koo-Wee-Rup	A.C., 1 ph.	150	62	3, 4 and 5	6.9.35
Calivil	Bend.	Inglewood	A.C., 1 ph.	250	78	3, 4 and 5	13.12.48
Cambrian Hill	Ball.	Ballarat	A.C., 1 ph.	70	20	3, 4 and 5	25.7.49
Campbellfield	Metro.	Melbourne	A.C., 3 ph. & 1 ph.	468	75	3, 4 and 5	14.9.36
Campbell's Creek	Mid.	Castlemaine	A.C., 3 ph.	800	177	3, 4 and 5	28.11.41
Campbell's Forest	Bend.	Inglewood	A.C., 1 ph.	25	6	3, 4 and 5	22.3.48
Camperdown	S/W.	Camperdown	A.C., 3 ph. & 1 ph.*	3,800	1,005	2, 4 and 5	30.12.23
Camperdown Rural	S/W.	Camperdown	A.C., 3 ph. & 1 ph.	2,300	834	3, 4 and 5	9.1.36
Caramut	S/W.	Terang	A.C., 1 ph.	175	47	3, 4 and 5	12.8.38
Cardigan	Ball.	Ballarat	A.C., 1 ph.	50	32	3, 4 and 5	21.10.47
Cardinia	Gipps.	Koo-Wee-Rup	A.C., 1 ph.	220	41	3, 4 and 5	29.2.52
Carisbrook	Mid.	Maryborough	A.C., 3 ph. & 1 ph.	390	196	3, 4 and 5	24.11.37
Carlsruhe	Mid.	Woodend Kyneton	A.C., 1 ph.	60	15	3, 4 and 5	13.9.44
Carranballac	S/W.	Willaura	A.C., 1 ph.*	60	11	3, 4 and 5	18.10.39
Carrum Downs	E/M.	Frankston	A.C., 3 ph. & 1 ph.	464	119	3, 4 and 5	8.3.51
Carrum Rural	E/M.	Chelsea	A.C., 3 ph.	100	31	3, 4 and 5	31.12.44
Castlemaine	Mid.	Castlemaine	A.C., 3 ph.	7,112	1,874	2, 4 and 5	31.12.29
Catani	Gipps.	Koo-Wee-Rup	A.C., 1 ph.	215	99	3, 4 and 5	27.10.36
Ceres	Geel.	Geelong	A.C., 1 ph.	280	48	3, 4 and 5	26.11.45
Chelsea Rural	E/M.	Chelsea	A.C., 1 ph.	95	31	3, 4 and 5	31.12.44
Chewton	Mid.	Castlemaine	A.C., 3 ph.	780	134	3, 4 and 5	23.9.38
Chiltern	N/E.	Rutherglen	A.C., 3 ph.	1,244	230	3, 4 and 5	1.9.26
Chocolyn	S/W.	Camperdown	A.C., 1 ph.	20	7	3, 4 and 5	14.1.38
Clarkefield	Mid.	Sunbury	A.C., 1 ph.	121	20	3, 4 and 5	13.3.45
Clarke's Hill	Ball.	Ballarat	A.C., 1 ph.	50	20	3, 4 and 5	6.10.50
Clayton Rural	E/M.	Dandenong	A.C., 3 ph. & 1 ph.	1,670	393	2, 4 and 5	30.4.26
Clayton South	Metro.	Melbourne	A.C., 3 ph.	70	15	2, 4 and 5	10.11.44
Clematis	E/M.	Belgrave	A.C., 1 ph.	189	74	3, 4 and 5	24.8.34
Clifton Springs	Geel.	Queenscliff	A.C., 1 ph.	30	4	3, 4 and 5	15.12.26
Cloverleo	Gipps.	Trafalgar	A.C., 1 ph.	275	97	3, 4 and 5	7.4.30
Clunes	Ball.	Ballarat	A.C., 3 ph.	880	309	3, 4 and 5	9.2.38
Clyde	E/M.	Dandenong	A.C., 1 ph.	274	76	3, 4 and 5	25.10.50
Clyde North	E/M.	Dandenong	A.C., 1 ph.	161	45	3, 4 and 5	23.10.50
Clydebank	Gipps.	Sale	A.C., 1 ph.	110	25	3, 4 and 5	9.4.36
Cobden	S/W.	Camperdown	A.C., 3 ph. & 1 ph.*	860	316	3, 4 and 5	26.3.24
Cobram	N/E.	Cobram	A.C., 3 ph.	1,200	545	3, 4 and 5	1.10.28
Cobrico	S/W.	Camperdown	A.C., 1 ph.*	6	4	3, 4 and 5	22.12.38
Cockatoo	E/M.	Belgrave	A.C., 3 ph.	800	96	3, 4 and 5	15.11.51
Coghill's Creek	Ball.	Ballarat	A.C., 1 ph.	96	23	3, 4 and 5	7.2.46
Colac	S/W.	Colac	A.C., 3 ph. & 1 ph.	7,450	2,391	2, 4 and 5	1.9.23
Colac Rural	S/W.	Colac	A.C., 3 ph. & 1 ph.	2,560	1,001	3, 4 and 5	9.1.36
Coldstream	E/M.	Lilydale	A.C., 3 ph. & 1 ph.	171	61	3, 4 and 5	1.7.33
Coleraine	S/W.	Hamilton	A.C., 3 ph. & 1 ph.*	1,250	390	3, 4 and 5	1.7.46
Condah Swamp	S/W.	Port Fairy	A.C., 1 ph.	85	9	3, 4 and 5	18.10.45
Congupna	N/E.	Shepparton	A.C., 3 ph.	75	33	3, 4 and 5	7.9.34
Connewarre	Geel.	Queenscliff	A.C., 1 ph.	160	16	3, 4 and 5	10.8.44
Coragulac	S/W.	Colac	A.C., 1 ph.	110	34	3, 4 and 5	30.4.24
Cora-Lynn	Gipps.	Koo-Wee-Rup	A.C., 3 ph. & 1 ph.	305	124	3, 4 and 5	9.8.35
Corangamite	S/W.	Colac	A.C., 1 ph.*	5	2	3, 4 and 5	9.4.52

CENTRES SERVED BY STATE ELECTRICITY COMMISSION OF VICTORIA — *continued*

Municipality or Centre	Branch	Location of Officer-in-Charge (District Office)	System of Supply	Population	Number of Consumers	Tariffs as per Appendix No. 13 Columns No.	Date Supply First Undertaken by Commission
Country—continued							
Cororooke	S/W.	Colac	A.C., 3 ph. & 1 ph.*	435	100	3, 4 and 5	27.3.24
Corunnun	S/W.	Colac	A.C., 1 ph.	25	12	3, 4 and 5	12.7.44
Cotswold	Mid.	Maryborough	A.C., 1 ph.	15	1	3, 4 and 5	5.5.52
Couangalt	Mid.	Sunbury	A.C., 1 ph.	(See Gisborne)		3, 4 and 5	1.8.37
Cowwarr	Gipps.	Traralgon	A.C., 3 ph. & 1 ph.	405	130	3, 4 and 5	8.11.24
Craigieburn	Metro.	Melbourne	A.C., 3 ph.	180	35	3, 4 and 5	18.7.42
Cranbourne	E/M.	Dandenong	A.C., 1 ph.	705	249	3, 4 and 5	12.9.28
Cressy	S/W.	Colac	A.C., 1 ph.	350	88	3, 4 and 5	19.11.41
Creswick	Ball.	Ballarat	A.C., 3 ph. & 1 ph.	1,548	443	3, 4 and 5	24.11.37
Crib Point	E/M.	Frankston	A.C., 1 ph.	881	259	3, 4 and 5	23.8.29
Crossley	S/W.	Port Fairy	A.C., 1 ph.*	80	21	3, 4 and 5	16.3.38
Croxton East	S/W.	Hamilton	A.C., 1 ph.	15	2	3, 4 and 5	31.7.50
Croydon	E/M.	Ringwood	A.C., 3 ph. & 1 ph.	4,337	1,828	6	1.4.25
Cudgee	S/W.	Warrnambool	A.C., 1 ph.*	70	14	3, 4 and 5	7.12.38
Curlewis	Geel.	Queenscliff	A.C., 1 ph.	100	19	3, 4 and 5	21.9.46
Dalmore	Gipps.	Koo-Wee-Rup	A.C., 3 ph. & 1 ph.	150	47	3, 4 and 5	29.1.37
Dalyston	Gipps.	Korumburra	A.C., 1 ph.	245	85	3, 4 and 5	15.11.40
Dandenong	E/M.	Dandenong	A.C., 3 ph. & 1 ph.	9,956	3,144	2, 4 and 5	1.10.23
Darley	Mid.	Bacchus Marsh	A.C., 3 ph. & 1 ph.	(See Bacchus M.)		3, 4 and 5	9.9.40
Darlington	S/W.	Camperdown	A.C., 1 ph.*	86	18	3, 4 and 5	22.4.38
Darnum	Gipps.	Trafalgar	A.C., 3 ph.	320	72	3, 4 and 5	20.12.24
Dawson	Gipps.	Maffra	A.C., 1 ph.	20	8	3, 4 and 5	16.4.37
Daylesford	Ball.	Daylesford	A.C., 3 ph.	3,255	1,100	2, 4 and 5	31.10.40
Dean	Ball.	Ballarat	A.C., 1 ph.	190	55	3, 4 and 5	5.4.50
Dederang	N/E.	Wodonga	A.C., 1 ph.	290	42	3, 4 and 5	6.5.49
Deer Park	Metro.	Sunshine	A.C., 3 ph.	1,345	298	3, 4 and 5	14.2.29
Deer Park Rural	Mid.	Bacchus Marsh	A.C., 1 ph.	30	7	3, 4 and 5	18.5.48
Dennington	S/W.	Warrnambool	A.C., 3 ph. & 1 ph.	530	135	3, 4 and 5	1.2.29
Derrinallum	S/W.	Camperdown	A.C., 1 ph.	212	93	3, 4 and 5	20.4.38
Devenish	N/E.	Yarrawonga	A.C., 3 ph.	230	56	3, 4 and 5	14.2.40
Devon North	Gipps.	Yarram	A.C., 1 ph.	242	49	3, 4 and 5	31.7.46
Diamond Creek	E/M.	Greensborough	A.C., 3 ph. & 1 ph.	760	214	3, 4 and 5	10.5.29
Digger's Rest	Mid.	Sunbury	A.C., 3 ph. & 1 ph.	121	52	3, 4 and 5	15.3.29
Diggora	N/E.	Rochester	A.C., 1 ph.	20	9	3, 4 and 5	27.10.50
Dingee	Bend.	Inglewood	A.C., 1 ph.	300	85	3, 4 and 5	9.11.44
Dingley	E/M.	Dandenong	A.C., 3 ph. & 1 ph.	481	118	3, 4 and 5	10.10.29
Dixie	S/W.	Terang	A.C., 1 ph.*	20	5	3, 4 and 5	24.9.45
Donnybrook	E/M.	Greensborough	A.C., 1 ph.	239	26	3, 4 and 5	11.3.41
Dookie	N/E.	Sheppartan	A.C., 1 ph.	293	93	3, 4 and 5	8.3.37
Dreeite	S/W.	Colac	A.C., 1 ph.*	15	4	3, 4 and 5	25.5.51
Driffield	Gipps.	Morwell	A.C., 1 ph.	130	23	3, 4 and 5	6.4.38
Dromana	E/M.	Rosebud	A.C., 3 ph. & 1 ph.	1,549	693	2, 4 and 5	8.12.27
Drouin	Gipps.	Warragul	A.C., 3 ph.	2,280	555	3, 4 and 5	1.10.24
Drouin Rural	Gipps.	Warragul	A.C., 1 ph.	260	87	3, 4 and 5	13.11.28
Drouin West	Gipps.	Warragul	A.C., 1 ph.	125	35	3, 4 and 5	18.2.39
Drysdale	Geel.	Queenscliff	A.C., 1 ph.	1,360	385	3, 4 and 5	13.2.24
Dumbalk	Gipps.	Leongatha	A.C., 3 ph. & 1 ph.	185	101	3, 4 and 5	14.9.36
Dumbalk North	Gipps.	Leongatha	A.C., 1 ph.	145	111	3, 4 and 5	7.8.39
Dundonnell	S/W.	Camperdown	A.C., 1 ph.*	20	8	3, 4 and 5	22.4.47
Dunkeld	S/W.	Hamilton	A.C., 1 ph.	470	123	3, 4 and 5	10.8.39
Dunnstawn	Ball.	Ballarat	A.C., 1 ph.	120	71	3, 4 and 5	2.6.49
Dunolly	Mid.	Maryborough	A.C., 3 ph.	730	247	3, 4 and 5	31.3.38
Eagle Point	Gipps.	Bairnsdale	A.C., 1 ph.	50	17	3, 4 and 5	6.7.51
East Oakleigh (see also Metropolitan Centres)	E/M.	Dandenang	A.C., 3 ph. & 1 ph.	90	26	2, 4 and 5	19.7.26
Eastern View	S/W.	Lorne	A.C., 1 ph.*	55	21	3, 4 and 5	7.9.39
Echuca	N/E.	Echuca	A.C., 3 ph.	5,400	1,556	2, 4 and 5	10.11.24
Echuca Rural	N/E.	Echuca	A.C., 3 ph. & 1 ph.	292	148	3, 4 and 5	12.11.36
Eddington	Mid.	Marybarough	A.C., 3 ph. & 1 ph.	70	21	3, 4 and 5	9.8.50
Edithvale Rural	E/M.	Chelsea	A.C., 1 ph.	48	10	3, 4 and 5	31.12.44
Eganstown	Ball.	Daylesford	A.C., 1 ph.	70	21	3, 4 and 5	19.5.52
Eildon Weir	N/E.	Alexandra	A.C., 3 ph.	2,500	432	3, 4 and 5	28.4.39
Eldorada	N/E.	Wangaratta	A.C., 3 ph.	222	49	3, 4 and 5	1.4.39
Elingamite North	S/W.	Camperdown	A.C., 1 ph.*	12	4	3, 4 and 5	11.6.46
Elliminyt	S/W.	Colac	A.C., 1 ph.	(See Colac)		2, 4 and 5	1.7.24
Ellinbank	Gipps.	Warragul	A.C., 1 ph.	140	56	3, 4 and 5	9.9.36
Elmore	Bend.	Bendigo	A.C., 3 ph. & 1 ph.	725	291	3, 4 and 5	27.9.49
Elphinstone	Mid.	Castlemaine	A.C., 1 ph.	245	50	3, 4 and 5	4.11.38
Eltham	E/M.	Greensborough	A.C., 3 ph. & 1 ph.	2,125	677	2, 4 and 5; 3, 4 and 5	12.8.26
Emerald	E/M.	Belgrave	A.C., 1 ph.	1,188	282	3, 4 and 5	7.8.34
Epping	E/M.	Greensborough	A.C., 3 ph. & 1 ph.	477	153	3, 4 and 5	15.7.36
Euroa	N/E.	Euroa	A.C., 3 ph.	3,418	783	2, 4 and 5	20.3.28
Eurobin	N/E.	Myrtleford	A.C., 3 ph.	82	51	3, 4 and 5	1.8.44
Everton	N/E.	Myrtleford	A.C., 3 ph.	74	47	3, 4 and 5	8.8.45
Exford	Mid.	Bacchus Marsh	A.C., 1 ph.	(See Melton)		3, 4 and 5	20.12.39
Emu Creek	Bend.	Bendigo	A.C., 1 ph.	30	6	3, 4 and 5	7.4.52
Faraday	Mid.	Castlemaine	A.C., 3 ph. & 1 ph.	88	21	3, 4 and 5	26.1.51
Fenwick	Geel.	Queenscliff	A.C., 1 ph.	(See Wallington)		3, 4 and 5	1.10.51

CENTRES SERVED BY STATE ELECTRICITY COMMISSION OF VICTORIA — *continued*

Municipality or Centre	Branch	Location of Officer-in-Charge (District Office)	System of Supply	Population	Number of Consumers	Tariffs as per Appendix No. 13 Columns No.	Date Supply First Undertaken by Commission
Country—continued							
Ferny Creek	E/M.	Belgrave	A.C., 3 ph. & 1 ph.	605	164	3, 4 and 5	2.9.27
Fish Creek	Gipps.	Foster	A.C., 3 ph. & 1 ph.	425	190	3, 4 and 5	9.7.38
Flinders	E/M.	Mornington	A.C., 1 ph.	301	142	3, 4 and 5	28.10.38
Flynn	Gipps.	Traralgan	A.C., 1 ph.	205	62	3, 4 and 5	5.9.38
Foster	Gipps.	Foster	A.C., 3 ph. & 1 ph.	880	270	3, 4 and 5	30.4.38
Frankston	E/M.	Frankstan	A.C., 3 ph. & 1 ph.	7,948	3,309	2, 4 and 5	21.2.28
Freeburgh	N/E.	Myrtlefard	A.C., 3 ph.	23	1	3, 4 and 5	20.11.47
Freshwater Creek	Geel.	Geelang	A.C., 1 ph.	60	22	3, 4 and 5	30.4.41
Gainsbarough	Gipps.	{Trafalgar / Warragul}	A.C., 1 ph.	150	33	3, 4 and 5	28.9.36
Gapsted	N/E.	Myrtleford	A.C., 3 ph.	110	57	3, 4 and 5	13.4.44
Garfield	Gipps.	Kao-Wee-Rup	A.C., 1 ph.	720	191	3, 4 and 5	1.8.29
Garvac	S/W.	Terang	A.C., 1 ph.*	160	22	3, 4 and 5	25.9.37
Geelengla	S/W.	Camperdawn	A.C., 1 ph.*	12	4	3, 4 and 5	6.12.44
Geelang Rural	Geel.	Geelang	A.C., 3 ph. & 1 ph.	300	160	3, 4 and 5	10.10.38
Gelliandale	Gipps.	Yarram	A.C., 1 ph.	112	14	3, 4 and 5	23.1.47
Gembrook	E/M.	Belgrave	A.C., 3 ph. & 1 ph.	360	88	3, 4 and 5	16.11.51
Girgarre	N/E.	Kyabram	A.C., 3 ph.	297	139	3, 4 and 5	19.5.38
Girgarre East	N/E.	Kyabram	A.C., 1 ph.	(See Girgarre)		3, 4 and 5	11.8.46
Gisborne	Mid.	Sunbury	A.C., 3 ph. & 1 ph.	1,395	222	3, 4 and 5	1.10.28
Glen Alvie	Gipps.	Korumburra	A.C., 1 ph.	270	41	3, 4 and 5	23.12.40
Glen Forbes	Gipps.	Korumburra	A.C., 3 ph.	420	80	3, 4 and 5	11.3.43
Glengarry	Gipps.	Traralgon	A.C., 3 ph. & 1 ph.	390	199	3, 4 and 5	14.8.28
Glenormiston North	S/W.	Terang	A.C., 1 ph.	30	15	3, 4 and 5	21.6.46
Glenormiston South	S/W.	Terang	A.C., 3 ph. & 1 ph.*	110	32	3, 4 ond 5	10.9.29
Glenrowon	N/E.	Wangaratta	A.C., 3 ph.	86	47	3, 4 and 5	19.9.50
Glenthompson	S/W.	Willaura	A.C., 1 ph.	245	84	3, 4 ond 5	17.10.47
Glenvale	E/M.	Greensborough	A.C., 1 ph.	187	47	3, 4 and 5	12.4.40
Glen Waverley	E/M.	Dandenong	A.C., 3 ph. & 1 ph.	1,845	473	2, 4 and 5	1.6.28
Gnarwarre	Geel.	Geelong	A.C., 1 ph.	150	12	3, 4 and 5	10.12.45
Gnotuk	S/W.	Camperdown	A.C., 1 ph.	60	15	3, 4 and 5	15.9.29
Gong Gong	Boll.	Ballarot	A.C., 3 ph. & 1 ph.	150	42	3, 4 and 5	26.3.36
Gooram	N/E.	Euroa	A.C., 1 ph.	55	23	3, 4 ond 5	11.5.39
Goorambat	N/E.	Benalla	A.C., 3 ph.	96	71	3, 4 and 5	19.2.40
Goornong	Bend.	Bendigo	A.C., 3 ph.	150	67	3, 4 ond 5	23.12.48
Gordon	Ball.	Ballarat	A.C., 1 ph.	268	83	3, 4 and 5	29.5.40
Gormondale	Gipps.	Trarolgon	A.C., 3 ph. & 1 ph.	280	103	3, 4 and 5	14.10.38
Gowar	Mid.	Castlemaine	A.C., 1 ph.	15	2	3, 4 and 5	22.3.51
Grahamvale	N/E.	Shepparton	A.C., 1 ph.	(See Shepparton East)		3, 4 and 5	20.7.37
Grassmere	S/W.	Warrnambool	A.C., 1 ph.	40	11	3, 4 and 5	23.6.51
Grassy Spur	Gipps.	Foster	A.C., 1 ph.	100	53	3, 4 and 5	26.10.39
Greensborough	E/M.	Greensborough	A.C., 3 ph.	2,623	729	2, 4 and 5	23.3.26
Greenvale	Metro.	Melbourne	A.C., 3 ph.	176	37	3, 4 and 5	15.7.38
Guildford	Mid.	Castlemaine	A.C., 3 ph. & 1 ph.	300	46	3, 4 and 5	13.3.51
Gundowring	N/E.	Wodonga	A.C., 1 ph.	340	114	3, 4 and 5	6.5.49
Hallam	E/M.	Dandenong	A.C., 1 ph.	367	125	3, 4 and 5	27.8.37
Hallora	Gipps.	Warragul	A.C., 1 ph.	70	18	3, 4 and 5	12.12.44
Hamilton	S/W.	Hamilton	A.C., 3 ph. & 1 ph.* D.C., 2 wire	8,200	2,362	2, 4 and 5	1.7.46
Hamilton Rural	S/W.	Hamilton	A.C., 3 ph. & 1 ph.	980	274	3, 4 and 5	1.7.46
Hampton Park	E/M.	Dandenong	A.C., 1 ph.	359	99	3, 4 and 5	29.6.42
Harcourt	Mid.	Castlemaine	A.C., 3 ph. & 1 ph.	910	315	3, 4 and 5	9.4.33
Harkaway	E/M.	Pakenham	A.C., 3 ph. & 1 ph.	171	54	3, 4 and 5	31.7.40
Harrietville	N/E.	Myrtleford	A.C., 3 ph.	175	68	3, 4 and 5	29.6.40
Harrisfield	E/M.	Dandenong	A.C., 3 ph.	742	156	2, 4 and 5	22.10.35
Hastings	E/M.	Frankston	A.C., 3 ph. & 1 ph.	813	272	3, 4 and 5	28.3.27
Hawkesdale	S/W.	Port Fairy	A.C., 1 ph.*	250	31	3, 4 and 5	26.4.40
Hayanmi	Bend.	Inglewood	A.C., 1 ph.	50	17	3, 4 and 5	13.12.48
Hazelwood	Gipps.	Morwell	A.C., 1 ph.	450	105	3, 4 and 5	9.9.36
Hazelwood North	Gipps.	Morwell	A.C., 1 ph.	150	71	3, 4 and 5	21.12.37
Healesville	E/M.	Healesville	A.C., 3 ph. & 1 ph.	3,978	992	2, 4 and 5	1.4.33
Heatherton (Part)	Metro.	Melbaurne	A.C., 3 ph.	67	14	2, 4 and 5	10.12.40
Heathmont	E/M.	Ringwood	A.C., 3 ph. & 1 ph.	589	206	6	25.3.37
Hedley	Gipps.	Yarram	A.C., 1 ph.	100	36	3, 4 and 5	6.5.47
Hepburn Springs	Ball.	Daylesford	A.C., 3 ph.	592	339	3, 4 and 5	1.10.40
Herne's Oak	Gipps.	Marwell	A.C., 1 ph.	650	159	3, 4 and 5	18.9.36
Hexham	S/W.	Terang	A.C., 1 ph.*	125	24	3, 4 and 5	8.7.38
Heyfield	Gipps.	Maffra	A.C., 3 ph. & 1 ph.	2,400	569	3, 4 and 5	15.9.24
Hillside	Gipps.	Bairnsdale	A.C., 1 ph.	50	41	3, 4 and 5	29.5.36
Hoddle	Gipps.	Foster	A.C., 1 ph.	50	23	3, 4 and 5	2.10.47
Homewood	N/E.	Alexandra	A.C., 1 ph.	60	22	3, 4 and 5	19.7.49
Huntly	Bend.	Bendigo	A.C., 3 ph. & 1 ph.	260	124	3, 4 and 5	21.11.44
Huon	N/E.	Wodonga	A.C., 1 ph.	(See Kiewa)		3, 4 and 5	12.4.39
Illowa	S/W.	Port Fairy	A.C., 1 ph.*	110	29	3, 4 and 5	30.9.37
Indented Head	Geel.	Queenscliff	A.C., 1 ph.	100	47	3, 4 and 5	5.10.51
Inglewood	Bend.	Inglewood	A.C., 3 ph.	1,050	314	3, 4 and 5	3.12.46
Inverloch	Gipps.	Korumburra	A.C., 1 ph.	650	291	3, 4 and 5	1.10.34
Iona	Gipps.	Koo-Wee-Rup	A.C., 1 ph.	420	30	3, 4 and 5	10.7.42
Irrewarra	S/W.	Colac	A.C., 1 ph.*	165	37	3, 4 and 5	23.2.26

CENTRES SERVED BY STATE ELECTRICITY COMMISSION OF VICTORIA — *continued*

Municipality or Centre	Branch	Location of Officer-in-Charge (District Office)	System of Supply	Population	Number of Consumers	Tariffs as per Appendix No. 13 Columns No.	Date Supply First Undertaken by Commission
Country—continued							
Jack River	Gipps.	Yarram	A.C., 1 ph.	180	73	3, 4 and 5	31.7.36
Jancaurt	S/W.	Camperdown	A.C., 1 ph.	50	4	3, 4 and 5	25.5.39
Janefield	E/M.	Greensboraugh	A.C., 1 ph.	51	17	3, 4 and 5	14.1.47
Jeetho	Gipps.	Korumburra	A.C., 1 ph.	175	43	3, 4 and 5	4.11.41
Jindivick	Gipps.	Warragul	A.C., 1 ph.	280	116	3, 4 and 5	23.8.38
Johnsonville	Gipps.	Lakes Entrance	A.C., 1 ph.	126	50	3, 4 and 5	24.1.36
Joyce's Creek	Mid.	Castlemaine	A.C., 3 ph. & 1 ph.	107	8	3, 4 and 5	16.12.39
Jumbunna	Gipps.	Korumburra	A.C., 1 ph.	380	43	3, 4 and 5	24.10.30
Junarton	Bend.	Bendigo	A.C., 1 ph.	80	28	3, 4 and 5	8.5.50
Kalimna	Gipps.	Lakes Entrance	A.C., 1 ph.	166	56	3, 4 and 5	6.12.28
Kalkollo	E/M.	Greensborough	A.C., 1 ph.	45	11	3, 4 and 5	11.3.41
Kallista	E/M.	Belgrave	A.C., 3 ph. & 1 ph.	514	237	3, 4 and 5	19.8.27
Kolarama	E/M.	Belgrave	A.C., 1 ph.	416	171	3, 4 and 5	31.5.34
Kongaroo Flat	Bend.	Bendigo	A.C., 1 ph.	(See Bendigo Centres)		2, 4 and 5	6.9.46
Kangoroo Flot South Rural	Bend.	Bendigo	A.C., 3 ph. & 1 ph.	40	14	3, 4 and 5	6.7.51
Kangaroo Ground	E/M.	Greensborough	A.C., 1 ph.	40	4	3, 4 and 5	27.2.45
Kangaroo Hills	Ball.	Doylesford	A.C., 1 ph.	40	11	3, 4 and 5	21.5.52
Kardella South	Gipps.	Korumburra	A.C., 1 ph.	120	21	3, 4 and 5	23.9.36
Kariah	S/W.	Camperdown	A.C., 1 ph.*	19	8	3, 4 and 5	12.11.38
Katamatite	N/E.	Cobram	A.C., 1 ph.	270	67	3, 4 and 5	14.7.39
Katandra	N/E.	Shepparton	A.C., 1 ph.	319	241	3, 4 and 5	10.10.45
Kotunga	N/E.	Numurkah	A.C., 3 ph.	360	179	3, 4 and 5	10.12.41
Keilor	Metro.	Sunshine	A.C., 3 ph. & 1 ph.	488	131	3, 4 and 5	21.11.35
Kergunyah	N/E.	Wodonga	A.C., 1 ph.	140	118	3, 4 and 5	15.6.45
Kerrisdale	N/E.	Alexandra	A.C., 1 ph.	(See Yea)		3, 4 and 5	5.3.46
Keysborough	E/M.	Dandenong	A.C., 1 ph.	454	124	3, 4 and 5	21.8.41
Kialla East	N/E.	Shepparton	A.C., 1 ph.	41	25	3, 4 and 5	5.4.46
Kiewa	N/E.	Wodonga	A.C., 1 ph.	248	224	3, 4 and 5	12.4.39
Kilfeero	N/E.	Benalla	A.C., 1 ph.	(See Benalla Rural)		3, 4 and 5	24.12.41
Killarney	S/W.	Port Fairy	A.C., 1 ph.*	80	14	3, 4 and 5	30.9.36
Kilmany	Gipps.	Sale	A.C., 1 ph.	130	21	3, 4 and 5	14.6.49
Kilmany South	Gipps.	Sale	A.C., 1 ph.	125	13	3, 4 and 5	1.7.39
Kilsyth	E/M.	Ringwood	A.C., 1 ph.	741	264	6	1.4.25
Kingston	Ball.	Daylesford	A.C., 1 ph.	183	62	3, 4 and 5	16.9.39
Kirkstall	S/W.	Port Fairy	A.C., 1 ph.	85	9	3, 4 and 5	9.4.40
Koallah	S/W.	Camperdown	A.C., 1 ph.	19	5	3, 4 and 5	30.6.52
Kalora	S/W.	Terang	A.C., 1 ph.	70	20	3, 4 and 5	21.3.25
Kongwok	Gipps.	Korumburro	A.C., 3 ph. & 1 ph.	430	163	3, 4 and 5	10.10.30
Koonwarra	Gipps.	Leongatha	A.C., 1 ph.	100	36	3, 4 and 5	24.9.40
Koo-Wee-Rup	Gipps.	Koo-Wee-Rup	A.C., 3 ph. & 1 ph.	1,300	345	3, 4 and 5	1.8.35
Koo-Wee-Rup North	Gipps.	Koo-Wee-Rup	A.C., 3 ph. & 1 ph.	180	70	3, 4 and 5	28.11.41
Korobeit	Mid.	Bacchus Marsh	A.C., 1 ph.	40	15	3, 4 and 5	9.11.51
Koroit	S/W.	Port Foiry	A.C., 3 ph. & 1 ph.	1,715	298	3, 4 and 5	1.12.28
Karrine	Gipps.	Korumburro	A.C., 1 ph.	60	17	3, 4 and 5	19.12.40
Korumburro	Gipps.	Korumburro	A.C., 3 ph. & 1 ph.	2,700	845	2, 4 and 5	1.12.24
Korumburra Rural	Gipps.	Korumburro	A.C., 1 ph.	140	67	3, 4 and 5	1.11.35
Korumburra South	Gipps.	Korumburro	A.C., 1 ph.	140	27	3, 4 and 5	1.12.44
Kotupna	N/E.	Kyobram	A.C., 3 ph. & 1 ph.	See Wyuna)		3, 4 and 5	13.6.52
Koyugo	N/E.	Echuca	A.C., 1 ph.	(See Echuca Rural)		3, 4 and 5	12.11.36
Kyabram	N/E.	Kyabrom	A.C., 3 ph.	2,325	922	2, 4 and 5	1.12.26
Kyobrom Rurol	N/E.	Kyobrom	A.C., 3 ph. & 1 ph.	550	199	3, 4 and 5	6.10.28
Kyneton	Mid.	Kynetan	A.C., 3 ph. & 1 ph.	4,919	1,156	2, 4 and 5	1.10.29
Kyneton Rural	Mid.	Kyneton	A.C., 3 ph. & 1 ph.	(See Kyneton)		3, 4 and 5	1.10.29
Ky Volley	N/E.	Kyobram	A.C., 3 ph. & 1 ph.	259	225	3, 4 and 5	27.7.40
Laanecoorie	Mid.	Moryborough	A.C., 3 ph.	200	26	3, 4 and 5	21.2.46
Lake Boloc	S/W.	Willauro	A.C., 1 ph.	340	66	3, 4 and 5	5.8.38
Lake Gillear	S/W.	Warrnambool	A.C., 1 ph.*	50	11	3, 4 and 5	8.7.30
Lakes Entronce	Gipps.	Lakes Entrance	A.C., 3 ph. & 1 ph.	1,377	429	3, 4 and 5	19.12.28
Lancaster	N/E.	Kyobram	A.C., 1 ph.	150	53	3, 4 and 5	1.6.35
Lance Creek	Gipps.	Korumburra	A.C., 1 ph.	120	35	3, 4 and 5	12.4.46
Lancefield	Mid.	Sunbury	A.C., 3 ph. & 1 ph.	860	223	3, 4 and 5	27.3.29
Lang Lang	Gipps.	Koo-Wee-Rup	A.C., 3 ph. & 1 ph.	1,000	207	3, 4 and 5	2.9.35
Longwarrin	E/M.	Frankston	A.C., 3 ph. & 1 ph.	357	113	3, 4 and 5	14.8.33
Lora	Geel.	Geelong	A.C., 3 ph. & 1 ph.	380	141	3, 4 and 5	1.9.30
Laro Lake	Geel.	Geelong	A.C., 3 ph. & 1 ph.	(See Lora)		3, 4 and 5	1.9.30
Lardner	Gipps.	Warragul	A.C., 1 ph.	130	52	3, 4 and 5	7.2.39
Lorpent	S/W.	Colac	A.C., 1 ph.*	22	6	3, 4 and 5	20.12.44
Launching Place	E/M.	Warburton	A.C., 1 ph.	268	112	3, 4 and 5	14.5.51
Laverton	Metro.	Werribee	A.C., 3 ph. & 1 ph.	676	135	3, 4 and 5	22.11.38
Learmanth	Ball.	Ballarat	A.C., 3 ph.	277	111	3, 4 and 5	19.3.38
Leigh Creek	Ball.	Ballarat	A.C., 1 ph.	103	26	3, 4 and 5	27.8.40
Lemnos	N/E.	Shepporton	A.C., 1 ph.	463	72	3, 4 and 5	1.12.38
Leneva	N/E.	Wodonga	A.C., 1 ph.	(See Kiewa)		3, 4 and 5	24.2.47
Leangatha	Gipps.	Leongatha	A.C., 3 ph.	2,150	865	2, 4 and 5	15.2.24
Leongatha Rural	Gipps.	Leongatha	A.C., 1 ph.	120	84	3, 4 and 5	1.8.28
Leongatha South	Gipps.	Leongatha	A.C., 1 ph.	165	72	3, 4 and 5	24.9.40
Leopold	Geel.	Queenscliff	A.C., 1 ph.	(See Drysdale)		3, 4 and 5	13.2.24
Lillico	Gipps.	Warragul	A.C., 1 ph.	120	47	3, 4 and 5	20.4.45
Lilydale	E/M.	Lilydale	A.C., 3 ph. & 1 ph.	2,294	628	3, 4 and 5	1.4.25

CENTRES SERVED BY STATE ELECTRICITY COMMISSION OF VICTORIA — *continued*

Municipality or Centre	Branch	Location of Officer-in-Charge (District Office)	System of Supply	Population	Number of Consumers	Tariffs as per Appendix No. 13 Columns No.	Date Supply First Undertaken by Commission
Country—continued							
Lindenow	Gipps.	Bairnsdale	A.C., 3 ph. & 1 ph.	250	75	3, 4 and 5	6.4.35
Lindenow South	Gipps.	Bairnsdale	A.C., 3 ph. & 1 ph.	150	45	3, 4 and 5	6.4.35
Lintan	Ball.	Ballarat	A.C., 3 ph.	358	102	3, 4 and 5	7.9.39
Lismore	S/W.	Camperdown	A.C., 1 ph.	430	155	3, 4 and 5	26.4.38
Lismore Rural	S/W.	Camperdown	A.C., 1 ph.	800	242	3, 4 and 5	26.4.38
Little River	Geel.	Geelong	A.C., 1 ph.	225	60	3, 4 and 5	29.6.51
Loch	Gipps.	Korumburra	A.C., 1 ph.	750	252	3, 4 and 5	18.8.30
Lockington	N/E.	Rochester	A.C., 3 ph.	300	108	3, 4 and 5	7.8.47
Longford	Gipps.	Sale	A.C., 3 ph.	150	31	3, 4 and 5	8.3.35
Longwarry	Gipps.	Koo-Wee-Rup	A.C., 3 ph. & 1 ph.	580	224	3, 4 and 5	11.10.28
Longwarry North	Gipps.	Koo-Wee-Rup	A.C., 1 ph.	180	77	3, 4 and 5	22.3.50
Lorne	S/W.	Lorne	A.C., 3 ph. & 1 ph.	1,250	587	3, 4 and 5	15.12.36
Lorne Rural	S/W.	Lorne	A.C., 1 ph.*	55	3	3, 4 and 5	15.7.47
Lovely Banks	Geel.	Geelong	A.C., 3 ph. & 1 ph.	100	8	3, 4 and 5	17.5.41
Lower Ferntree Gully	E/M.	Belgrave	A.C., 3 ph. & 1 ph.	2,775	1,011	2, 4 and 5	24.8.25
Lower Plenty	E/M.	Greensborough	A.C., 1 ph.	687	215	(2, 4 and 5) (3, 4 and 5)	13.3.28
Lucknow	Gipps.	Bairnsdale	A.C., 3 ph.	200	118	2, 4 and 5	1.8.27
Lyndhurst	E/M.	Dandenong	A.C., 3 ph. & 1 ph.	257	71	3, 4 and 5	19.1.38
Lysterfield	E/M.	Belgrave	A.C., 3 ph. & 1 ph.	308	86	3, 4 and 5	17.7.37
Macarthur	S/W.	Port Fairy	A.C., 1 ph.	408	108	3, 4 and 5	3.4.40
Macarthur Rural	S/W.	Port Fairy	A.C., 1 ph.	660	255	3, 4 and 5	3.4.40
Macedon	Mid.	Woodend	A.C., 3 ph. & 1 ph.	1,498	379	3, 4 and 5	14.6.29
Maffra	Gipps.	Maffra	A.C., 3 ph.	3,500	952	2, 4 and 5	1.9.24
Maffra Rural	Gipps.	Maffra	A.C., 3 ph. & 1 ph.	260	111	3, 4 and 5	14.8.28
Magpie	Ball.	Ballarat	A.C., 1 ph.	40	16	3, 4 and 5	9.12.48
Maiden Gully	Bend.	Bendigo	A.C., 1 ph.	80	39	3, 4 and 5	18.4.47
Mailor's Flat	S/W.	Warrnambool	A.C., 1 ph.*	125	65	3, 4 and 5	19.12.49
Maindample	N/E.	Mansfield	A.C., 1 ph.	35	7	3, 4 and 5	20.5.41
Main Ridge	E/M.	Mornington	A.C., 3 ph. & 1 ph.	488	117	3, 4 and 5	13.5.48
Majorca	Mid.	Maryborough	A.C., 3 ph. & 1 ph.	65	33	3, 4 and 5	11.4.45
Maldon	Mid.	Castlemaine	A.C., 3 ph. & 1 ph.	1,485	407	3, 4 and 5	1.7.36
Malmsbury	Mid.	Kyneton	A.C., 3 ph. & 1 ph.	486	106	3, 4 and 5	22.12.37
Malone's	S/W.	Warrnambool	A.C., 1 ph.*	60	18	3, 4 and 5	7.10.49
Mandurang	Bend.	Bendigo	A.C., 1 ph.	110	33	3, 4 and 5	23.5.45
Mangalore	N/E.	Seymour	A.C., 1 ph.	20	16	3, 4 and 5	10.9.48
Mannerim	Geel.	Queenscliff	A.C., 1 ph.	25	4	3, 4 and 5	21.9.46
Mansfield	N/E.	Mansfield	A.C., 3 ph.	928	536	3, 4 and 5	1.6.28
Marcus	Geel.	Queenscliff	A.C., 1 ph.	30	27	3, 4 and 5	10.8.36
Mardan	Gipps.	Leongatha	A.C., 1 ph.	150	46	3, 4 and 5	14.8.28
Markwood	N/E.	Wangaratta	A.C., 3 ph. & 1 ph.	115	71	3, 4 and 5	26.7.46
Marong	Bend.	Bendigo	A.C., 1 ph.	250	54	3, 4 and 5	6.3.51
Marshall	Geel.	Geelong	A.C., 1 ph.	120	45	3, 4 and 5	6.10.39
Maryborough	Mid.	Maryborough	A.C., 3 ph. & 1 ph.	6,900	2,100	2, 4 and 5	1.10.37
Maryvale	Gipps.	Morwell	A.C., 3 ph. & 1 ph.	590	114	3, 4 and 5	31.7.36
McCrae	E/M.	Rosebud	A.C., 3 ph.	706	300	2, 4 and 5	22.12.27
Meeniyan	Gipps.	Leongatha	A.C., 1 ph.	300	173	3, 4 and 5	14.9.36
Melton	Mid.	Bacchus Marsh	A.C., 3 ph. & 1 ph.	750	192	3, 4 and 5	20.12.39
Melton South	Mid.	Bacchus Marsh	A.C., 3 ph. & 1 ph.	(See Melton)		3, 4 and 5	31.1.40
Menzies Creek	E/M.	Belgrave	A.C., 1 ph.	243	78	3, 4 and 5	27.4.50
Mepunga West	S/W.	Warrnambool	A.C., 1 ph.*	155	39	3, 4 and 5	30.5.49
Mernda	E/M.	Greensborough	A.C., 1 ph.	239	38	3, 4 and 5	28.9.37
Merriang	N/E.	Myrtleford	A.C., 3 ph.	(See Myrtleford)		3, 4 and 5	8.1.44
Merricks	E/M.	Mornington	A.C., 1 ph.	61	21	3, 4 and 5	15.4.52
Merricks North	E/M.	Mornington	A.C., 3 ph. & 1 ph.	112	47	3, 4 and 5	24.5.40
Merrigum	N/E.	Kyabram	A.C., 3 ph.	405	240	3, 4 and 5	22.2.27
Merri View	S/W.	Warrnambool	A.C., 1 ph.*	250	51	2, 4 and 5	28.12.49
Metropolitan Farm (Werribee)	Metro.	Werribee	A.C., 3 ph.	373	57	3, 4 and 5	15.12.33
Metung	Gipps.	Lakes Entrance	A.C., 1 ph.	273	82	3, 4 and 5	23.12.35
Mickleham	Metro.	Melbourne	A.C., 3 ph. & 1 ph.	90	17	3, 4 and 5	12.6.39
Milawa	N/E.	Wangaratta	A.C., 3 ph. & 1 ph.	125	80	3, 4 and 5	27.7.39
Millbrook	Ball.	Ballarat	A.C., 1 ph.	110	32	3, 4 and 5	4.1.52
Millgrove	E/M.	Warburton	A.C., 1 ph.	265	74	3, 4 and 5	9.11.49
Miner's Rest	Ball.	Ballarat	A.C., 3 ph.	171	49	3, 4 and 5	14.2.38
Mingay	S/W.	Camperdown	A.C., 1 ph.*	15	9	3, 4 and 5	22.3.50
Minhamite	S/W.	Port Fairy	A.C., 1 ph.	16	7	3, 4 and 5	20.2.52
Mirboo	Gipps.	Leongatha	A.C., 1 ph.	88	58	3, 4 and 5	7.8.39
Mirboo East	Gipps.	Leongatha	A.C., 1 ph.	70	15	3, 4 and 5	1.8.40
Mirboo North	Gipps.	Leongatha	A.C., 3 ph. & 1 ph.	720	324	3, 4 and 5	1.10.24
Mitiamo	Bend.	Inglewood	A.C., 3 ph. & 1 ph.	200	72	3, 4 and 5	19.3.51
Moe	Gipps.	Moe	A.C., 3 ph.	8,000	1,918	2, 4 and 5	23.9.23
Moe Rural	Gipps.	Moe	A.C., 1 ph.	302	101	3, 4 and 5	14.7.30
Molesworth	N/E.	Alexandra	A.C., 1 ph.	(See Yea)		3, 4 and 5	5.3.46
Mollongghip	Ball.	Ballarat	A.C., 1 ph.	135	35	3, 4 and 5	12.7.50
Monbulk	E/M.	Belgrave	A.C., 3 ph. & 1 ph.	657	279	3, 4 and 5	30.11.36
Monegeetta	Mid.	Sunbury	A.C., 3 ph. & 1 ph.	118	27	3, 4 and 5	3.5.29
Monomeith	Gipps.	Koo-Wee-Rup	A.C., 1 ph.	75	31	3, 4 and 5	17.1.36
Montmorency	E/M.	Greensborough	A.C., 3 ph.	1,438	526	2, 4 and 5	11.5.26
Montrose	E/M.	Ringwood	A.C., 3 ph. & 1 ph.	869	329	6	1.4.25
Moolap	Geel.	Queenscliff	A.C., 1 ph.	(See Drysdale)		3, 4 and 5	30.1.25
Moolort	Mid.	Maryborough	A.C., 1 ph.	50	9	3, 4 and 5	14.2.38

CENTRES SERVED BY STATE ELECTRICITY COMMISSION OF VICTORIA — *continued*

Municipality or Centre	Branch	Location of Officer-in-Charge (District Office)	System of Supply	Population	Number of Consumers	Tariffs as per Appendix No. 13 Columns No.	Date Supply First Undertaken by Commission
Moorooduc	E/M.	Frankston / Mornington	A.C., 3 ph. & 1 ph.	312	107	3, 4 and 5	2.3.25
Mooroolbark	E/M.	Ringwood	A.C., 3 ph. & 1 ph.	498	168	2, 4 and 5 / 3, 4 and 5	16.9.36
Mooroopna	N/E.	Shepparton	A.C., 3 ph.	1,824	469	3, 4 and 5	1.10.26
Morang South	E/M.	Greensborough	A.C., 3 ph. & 1 ph.	324	68	3, 4 and 5	28.9.37
Mornington	E/M.	Mornington	A.C., 3 ph. & 1 ph.	5,111	1,294	2, 4 and 5	1.8.30
Mortlake	S/W.	Terang	A.C., 3 ph. & 1 ph.*	1,065	348	3, 4 and 5	16.5.24
Marwell	Gipps.	Morwell	A.C., 3 ph. & 1 ph.	9,260	2,145	2, 4 and 5	1.4.26
Morwell Bridge	Gipps.	Morwell	A.C., 1 ph.	1,000	164	3, 4 and 5	26.11.28
Mossiface	Gipps.	Lakes Entrance	A.C., 1 ph.	105	12	3, 4 and 5	1.10.30
Mountain View	Gipps.	Karumburra	A.C., 1 ph.	150	27	3, 4 and 5	14.6.40
Moyarra	Gipps.	Korumburra	A.C., 1 ph.	140	44	3, 4 and 5	26.6.30
Moyhu	N/E.	Wangaratta	A.C., 3 ph.	193	140	3, 4 and 5	18.4.50
Moyne	S/W.	Port Fairy	A.C., 1 ph.*	20	6	3, 4 and 5	24.3.46
Mt. Dandenong	E/M.	Belgrave	A.C., 1 ph.	397	225	3, 4 and 5	20.6.33
Mt. Duneed	Geel.	Queenscliff	A.C., 1 ph.	125	37	3, 4 and 5	5.10.39
Mt. Eliza	E/M.	Frankston / Mornington	A.C., 3 ph. & 1 ph.	962	417	2, 4 and 5 / 3, 4 and 5	21.2.28
Mt. Evelyn	E/M.	Lilydale	A.C., 3 ph. & 1 ph.	1,481	531	3, 4 and 5	9.1.28
Mt. Helen	Ball.	Ballarat	A.C., 1 ph.	35	10	3, 4 and 5	17.11.50
Mt. Martha	E/M.	Mornington	A.C., 3 ph. & 1 ph.	1,231	388	3, 4 and 5	1.8.30
Mt. Rowan	Ball.	Ballarat	A.C., 1 ph.	74	9	3, 4 and 5	27.2.47
Mt. Waverley	Metra. / E/M.	Melbourne / Dandenong	A.C., 3 ph. & 1 ph.	1,213	347	2, 4 and 5 / 3, 4 and 5	1.6.28
Mucklefard	Mid.	Castlemaine	A.C., 3 ph. & 1 ph.	120	35	3, 4 and 5	18.1.45
Mulgrave	E/M.	Dandenong	A.C., 3 ph. & 1 ph.	138	61	3, 4 and 5	25.8.47
Mumblin	S/W.	Terang	A.C., 1 ph.*	20	5	3, 4 and 5	24.9.45
Mundoona	N/E.	Numurkah	A.C., 1 ph.	70	3	3, 4 and 5	14.12.51
Murchison	N/E.	Sheppartan	A.C., 3 ph.	660	239	3, 4 and 5	5.6.41
Myer's Flat	Bend.	Bendigo	A.C., 1 ph.	40	11	3, 4 and 5	29.6.40
Myrniong	Mid.	Bacchus Marsh	A.C., 3 ph. & 1 ph.	180	61	3, 4 and 5	27.5.46
Myrtlebank	Gipps.	Sale	A.C., 1 ph.	200	67	3, 4 and 5	3.3.38
Myrtlefard	N/E.	Myrtleford	A.C., 3 ph.	1,010	514	3, 4 and 5	1.12.40
Nalangil	S/W.	Colac	A.C., 1 ph.	60	19	3, 4 and 5	19.12.24
Nanneela	N/E.	Rochester	A.C., 1 ph.	565	228	3, 4 and 5	17.10.38
Napoleons	Ball.	Ballarat	A.C., 1 ph.	120	30	3, 4 and 5	28.6.49
Naringal	S/W.	Warrnambool	A.C., 1 ph.	25	7	3, 4 and 5	17.7.44
Narioka	N/E.	Numurkah	A.C., 3 ph. & 1 ph.	(See Barwo)		3, 4 and 5	7.10.46
Nar-Nar-Goon	Gipps.	Koo-Wee-Rup	A.C., 1 ph.	480	150	3, 4 and 5	23.5.34
Narracan East	Gipps.	Trafalgar	A.C., 1 ph.	60	28	3, 4 and 5	23.7.40
Narre Warren	E/M.	Dandenong	A.C., 1 ph.	365	99	3, 4 and 5	13.11.28
Narre Warren North	E/M.	Dandenong	A.C., 1 ph.	424	132	3, 4 and 5	10.11.38
Nathalia	N/E.	Numurkah	A.C., 3 ph.	1,120	359	3, 4 and 5	1.10.31
Navigatars	Ball.	Ballarat	A.C., 1 ph.	105	19	3, 4 and 5	24.2.49
Nayook	Gipps.	Warragul	A.C., 3 ph. & 1 ph.	116	37	3, 4 and 5	15.1.35
Neerim	Gipps.	Warragul	A.C., 1 ph.	250	63	3, 4 and 5	15.1.35
Neerim East	Gipps.	Warragul	A.C., 1 ph.	300	77	3, 4 and 5	21.12.36
Neerim Junction	Gipps.	Warragul	A.C., 1 ph.	210	62	3, 4 and 5	3.5.35
Neerim North	Gipps.	Warragul	A.C., 1 ph.	76	33	3, 4 and 5	11.4.38
Neerim South	Gipps.	Warragul	A.C., 1 ph.	690	267	3, 4 and 5	15.1.35
Nerrina	Ball.	Ballarat	A.C., 1 ph.	50	15	3, 4 and 5	10.9.47
Newborough	Gipps.	Moe	A.C., 1 ph.	3,025	742	3, 4 and 5	24.6.38
Newbridge	Bend. / Mid.	Inglewood / Marybarough	A.C., 3 ph. & 1 ph.	215	63	3, 4 and 5	16.7.51
New Gisborne	Mid.	Sunbury	A.C., 3 ph. & 1 ph.	278	45	3, 4 and 5	1.3.29
Newingtan	Geel.	Queenscliff	A.C., 1 ph.	(See Wallington)		3, 4 and 5	1.10.51
Newlyn	Ball.	Daylesford	A.C., 3 ph. & 1 ph.	120	82	3, 4 and 5	14.7.44
Newlyn North	Ball.	Daylesford	A.C., 1 ph.	127	33	3, 4 and 5	22.5.47
Newry	Gipps.	Maffra	A.C., 3 ph. & 1 ph.	420	120	3, 4 and 5	25.10.26
Newstead	Mid.	Castlemaine	A.C., 3 ph. & 1 ph.	550	155	3, 4 and 5	20.4.37
Newtown	Ball.	Ballarat	A.C., 1 ph.	77	26	3, 4 and 5	23.2.49
Nichalson	Gipps.	Bairnsdale / Lakes Ent'nce	A.C., 1 ph.	70	11	3, 4 and 5	12.12.34
Nilma	Gipps.	Warragul	A.C., 1 ph.	295	107	3, 4 and 5	23.12.27
Nilma Rural	Gipps.	Warragul	A.C., 1 ph.	290	108	3, 4 and 5	20.4.45
Noble Park	E/M.	Dandenong	A.C., 3 ph. & 1 ph.	6,089	1,088	2, 4 and 5	5.12.24
Noojee	Gipps.	Warragul	A.C., 1 ph.	320	96	3, 4 and 5	15.1.35
Nooramunga	N/E.	Benalla	A.C., 1 ph.	11	2	3, 4 and 5	3.12.43
Naorat	S/W.	Terang	A.C., 3 ph. & 1 ph.	315	126	3, 4 and 5	14.2.25
North Wonthaggi (portian anly)	Gipps.	Korumburra	A.C., 1 ph.	70	8	3, 4 and 5	17.2.41
Notting Hill	E/M.	Dandenong	A.C., 1 ph.	437	90	2, 4 and 5	21.7.27
Numurkah	N/E.	Numurkah	A.C., 3 ph.	1,725	671	2, 4 and 5	1.10.31
Nyora	Gipps.	Korumburra	A.C., 1 ph.	370	91	3, 4 and 5	1.10.35
Oaklands Junction	Metro.	Melbourne	A.C., 1 ph.	94	8	3, 4 and 5	10.12.35
Ocean Grove	Geel.	Queenscliff	A.C., 1 ph.	750	408	3, 4 and 5	27.9.24
Officer	E/M.	Pakenham	A.C., 1 ph.	532	155	3, 4 and 5	12.4.28
Olinda	E/M.	Belgrave	A.C., 3 ph. & 1 ph.	738	306	3, 4 and 5	30.9.27
Ondit	S/W.	Colac	A.C., 1 ph.*	30	15	3, 4 and 5	23.5.44

CENTRES SERVED BY STATE ELECTRICITY COMMISSION OF VICTORIA — *continued*

Municipality or Centre	Branch	Location of Officer-in-Charge (District Office)	System of Supply	Population	Number of Consumers	Tariffs as per Appendix No. 13 Columns No.	Date Supply First Undertaken by Commission
Country—continued							
Orrvale	N/E.	Shepparton	A.C., 3 ph. & 1 ph.	(See Shepparton East)		3, 4 and 5	20.2.36
Outtrim	Gipps.	Korumburra	A.C., 1 ph.	270	51	3, 4 and 5	13.11.39
Ovens	N/E.	Myrtleford	A.C., 3 ph.	85	68	3, 4 and 5	20.11.44
Oxley Flats	N/E.	Wangarotta	A.C., 3 ph. & 1 ph.	(See Milawa)		3, 4 and 5	25.10.44
Pakenham	E/M.	Pakenham	A.C., 3 ph. & 1 ph.	1,067	358	3, 4 and 5	18.6.28
Panmure	S/W.	Terang	A.C., 1 ph.*	210	32	3, 4 and 5	3.9.37
Pannoobamawm	N/E.	Rochester	A.C., 1 ph.	(See Lockington)		3, 4 and 5	10.6.52
Parwan	Mid.	Bacchus Marsh	A.C., 3 ph. & 1 ph.	70	18	3, 4 and 5	10.1.46
Paynesville	Gipps.	Bairnsdale	A.C., 3 ph. & 1 ph.	520	134	3, 4 and 5	25.2.38
Penshurst	S/W.	Hamilton	A.C., 1 ph.	800	218	3, 4 and 5	16.9.38
Penshurst Rural	S/W.	Hamilton	A.C., 1 ph.	325	132	3, 4 and 5	16.9.38
Picola	N/E.	Numurkah	A.C., 3 ph.	194	36	3, 4 and 5	1.11.40
Pine Lodge	N/E.	Shepparton	A.C., 3 ph. & 1 ph.	(See Shepparton East)		3, 4 and 5	25.2.36
Pirron Yallock	S/W.	Colac	A.C., 1 ph.*	60	18	3, 4 and 5	21.12.36
Plenty	E/M.	Greensborough	A.C., 1 ph.	344	88	3, 4 and 5	28.11.45
Point Cook	Metro.	Werribee	A.C., 3 ph. & 1 ph.	72	14	3, 4 and 5	1.11.40
Point Lonsdale	Geel.	Queenscliff	A.C., 3 ph. & 1 ph.	450	316	3, 4 and 5	30.12.23
Pomborneit	S/W.	Camperdown	A.C., 1 ph.*	90	15	3, 4 and 5	1.9.26
Pomborneit North	S/W.	Camperdown	A.C., 1 ph.	60	23	3, 4 and 5	1.9.26
Pootilla	Ball.	Ballarat	A.C., 1 ph.	65	27	3, 4 and 5	13.10.50
Poowong	Gipps.	Korumburra	A.C., 3 ph. & 1 ph.	670	172	3, 4 and 5	11.9.30
Poowong East	Gipps.	Korumburra	A.C., 1 ph.	250	56	3, 4 and 5	17.10.38
Poowong North	Gipps.	Korumburra	A.C., 1 ph.	170	15	3, 4 and 5	2.5.45
Porepunkah	N/E.	Myrtleford	A.C., 3 ph. & 1 ph.	130	66	3, 4 and 5	20.2.52
Port Albert	Gipps.	Yarram	A.C., 3 ph. & 1 ph.	300	104	3, 4 and 5	29.11.46
Portarlington	Geel.	Queenscliff	A.C., 1 ph.	1,125	360	3, 4 and 5	27.2.24
Port Fairy	S/W.	Port Fairy	A.C., 3 ph. & 1 ph.*	2,150	698	2, 4 and 5	21.12.28
Port Fairy Rural	S/W.	Port Fairy	A.C., 3 ph. & 1 ph.	1,015	475	3, 4 and 5	10.11.30
Port Franklin	Gipps.	Foster	A.C., 1 ph.	190	44	3, 4 and 5	23.7.38
Portsea	E/M.	Sorrento	A.C., 3 ph.	596	224	2, 4 and 5	1.10.27
Port Welshpool	Gipps.	Foster	A.C., 3 ph. & 1 ph.	370	90	3, 4 and 5	31.3.47
Poseidon	Mid.	Maryborough	(See Tarnagulla)			3, 4 and 5	28.6.51
Powlett River (portion only)	Gipps.	Korumburra	A.C., 1 ph.	90	15	3, 4 and 5	17.1.41
Prairie	Bend.	Inglewood	A.C., 1 ph.	50	9	3, 4 and 5	13.12.48
Puckapunyal	N/E.	Seymour	A.C., 3 ph.	300	131	3, 4 and 5	2.10.44
Queenscliff	Geel.	Queenscliff	A.C., 3 ph.	3,350	704	2, 4 and 5	30.12.23
Ranceby	Gipps.	Korumburra	A.C., 1 ph.	80	11	3, 4 and 5	23.6.41
Raywood	Bend.	Inglewood	A.C., 3 ph. & 1 ph.	400	66	3, 4 and 5	3.7.40
Red Bluff	N/E.	Wodonga	A.C., 1 ph.	(See Kiewa)		3, 4 and 5	14.1.47
Redesdale Junction	Mid.	Kynetan	A.C., 1 ph.	150	19	3, 4 and 5	27.3.47
Red Hill	E/M.	Mornington	A.C., 3 ph. & 1 ph.	720	186	3, 4 and 5	30.6.37
Red Lion	Mid.	Maryborough	A.C., 1 ph.	15	2	3, 4 and 5	17.7.50
Research	E/M.	Greensborough	A.C., 1 ph.	322	103	3, 4 and 5	24.5.40
Rickett's Marsh	S/W.	Colac	A.C., 1 ph.	35	14	3, 4 and 5	28.8.44
Riddell	Mid.	Sunbury	A.C., 3 ph. & 1 ph.	593	120	3, 4 and 5	7.3.29
Ringwoad	E/M.	Ringwood	A.C., 3 ph. & 1 ph.	9,727	2,765	6	1.4.25
Rochester	N/E.	Rochester	A.C., 3 ph.	1,900	563	3, 4 and 5	1.8.35
Rockbank	Mid.	Bacchus Marsh	A.C., 3 ph. & 1 ph.	200	45	3, 4 and 5	3.4.39
Rokeby	Gipps.	Warragul	A.C., 3 ph. & 1 ph.	140	42	3, 4 and 5	4.4.35
Romsey	Mid.	Sunbury	A.C., 3 ph. & 1 ph.	921	214	3, 4 and 5	19.3.29
Rosebrook	S/W.	Port Fairy	A.C., 1 ph.*	100	27	3, 4 and 5	30.9.36
Rosebud	E/M.	Rosebud	A.C., 3 ph. & 1 ph.	3,329	1,557	2, 4 and 5	8.12.27
Rosedale	Gipps.	Traralgon	A.C., 3 ph. & 1 ph.	520	125	3, 4 and 5	15.8.27
Rowsley	Mid.	Bacchus Marsh	A.C., 3 ph. & 1 ph.	100	25	3, 4 and 5	28.3.47
Rowville	E/M.	Dandenong	A.C., 1 ph.	89	29	3, 4 and 5	5.7.45
Rubicon	N/E.	Alexandra	A.C., 1 ph.	84	37	3, 4 and 5	4.9.27
Ruby	Gipps.	Leongatha	A.C., 1 ph.	90	59	3, 4 and 5	19.4.28
Rutherglen	N/E.	Rutherglen	A.C., 3 ph.	1,580	538	3, 4 and 5	15.10.26
Ryanston	Gipps.	Korumburra	A.C., 1 ph.	170	36	3, 4 and 5	14.1.41
Rye	E/M.	Sorrento	A.C., 3 ph.	1,418	513	2, 4 and 5	16.12.27
Sale	Gipps.	Sale	A.C., 3 ph.	6,000	1,715	2, 4 and 5	1.7.24
Sale Rural	Gipps.	Sale	A.C., 3 ph. & 1 ph.	530	234	3, 4 and 5	12.12.28
Sassafras	E/M.	Belgrave	A.C., 3 ph. & 1 ph.	602	309	3, 4 and 5	9.7.27
Scarsdale	Ball.	Ballarat	A.C., 1 ph.	125	33	3, 4 and 5	5.9.39
Scoresby	E/M.	Dandenong	A.C., 1 ph.	448	89	3, 4 and 5	23.9.37
Scotsburn	Ball.	Ballarat	A.C., 1 ph.	169	45	3, 4 and 5	3.11.44
Seaford	E/M.	Frankstan	A.C., 3 ph.	2,201	780	2, 4 and 5	21.2.28
Sebastian	Bend.	Inglewood	A.C., 1 ph.	100	30	3, 4 and 5	3.2.48
Selby	E/M.	Belgrave	A.C., 1 ph.	298	121	3, 4 and 5	12.12.35
Seville	E/M.	Lilydale	A.C., 3 ph. & 1 ph.	290	76	3, 4 and 5	26.11.51
Seymour	N/E.	Seymour	A.C., 3 ph.	3,150	1,036	2, 4 and 5	2.10.44
Seymour Rural	N/E.	Seymour	A.C., 1 ph.	170	113	3, 4 and 5	2.10.44
Shepparton	N/E.	Shepparton	A.C., 3 ph.	9,550	2,940	2, 4 and 5	1.1.25
Sheppartan East	N/E.	Shepparton	A.C., 3 ph. & 1 ph.	1,345	501	3, 4 and 5	25.2.36
Shepparton Rural	N/E.	Sheppartan	A.C., 3 ph. & 1 ph.	135	59	3, 4 and 5	17.8.39

CENTRES SERVED BY STATE ELECTRICITY COMMISSION OF VICTORIA — *continued*

Municipality or Centre	Branch	Location of Officer-in-Charge (District Office)	System of Supply	Population	Number of Consumers	Tariffs as per Appendix No. 13 Columns No.	Date Supply First Undertaken by Commission
Country—continued							
Sherbrooke	E/M.	Belgrave	A.C., 1 ph.	201	55	3, 4 and 5	29.7.27
Shoreham	E/M.	Mornington	A.C., 1 ph.	123	39	3, 4 and 5	24.5.40
Silvan	E/M.	Lilydale	A.C., 3 ph. & 1 ph.	375	94	3, 4 and 5	13.6.28
Skipton	Ball.	Ballarat	A.C., 3 ph. & 1 ph.	475	185	3, 4 and 5	27.10.39
Smeaton	Ball.	Daylesford	A.C., 3 ph. & 1 ph.	188	63	3, 4 and 5	16.4.38
Smythesdale	Ball.	Ballarat	A.C., 1 ph.	203	37	3, 4 and 5	2.9.39
Somers	E/M.	Mornington	A.C., 3 ph. & 1 ph.	454	152	3, 4 and 5	24.12.35
Somerton	Metro.	Melbourne	A.C., 3 ph.	116	18	3, 4 and 5	22.7.38
Somerville	E/M.	Frankston	A.C., 3 ph. & 1 ph.	469	134	3, 4 and 5	19.12.26
Sorrento	E/M.	Sorrento	A.C., 3 ph. & 1 ph.	1,517	839	2, 4 and 5	1.10.27
South Belgrave	E/M.	Belgrave	A.C., 1 ph.	489	74	3, 4 and 5	17.2.37
South Ecklin	S/W.	Terang	A.C., 1 ph.*	25	12	3, 4 and 5	24.9.45
South Gisborne	Mid.	Sunbury	A.C., 1 ph.	(See Gisborne)		3, 4 and 5	1.5.37
South Purrumbete	S/W.	Camperdown	A.C., 1 ph.	23	11	3, 4 and 5	25.5.39
Southern Cross	S/W.	Port Fairy	A.C., 1 ph.*	80	16	3, 4 and 5	31.8.38
Springbank	Ball.	Ballarat	A.C., 1 ph.	176	10	3, 4 and 5	7.2.45
Springhurst	N/E.	Rutherglen	A.C., 3 ph.	250	80	3, 4 and 5	6.9.26
Springmount	Ball.	Daylesford	A.C., 1 ph.	75	21	3, 4 and 5	22.6.51
Springvale	E/M.	Dandenong	A.C., 3 ph. & 1 ph.	4,849	1,819	2, 4 and 5	5.12.24
St. Albans	Metro.	Sunshine	A.C., 3 ph. & 1 ph.	2,036	462	3, 4 and 5	14.2.30
St. James	N/E.	Yarrawonga	A.C., 3 ph.	291	59	3, 4 and 5	14.2.40
Stanhope	N/E.	Kyabram	A.C., 3 ph.	475	353	3, 4 and 5	14.6.38
Stanley	N/E.	Beechworth	A.C., 3 ph. & 1 ph.	200	49	3, 4 and 5	2.11.51
Stavely	S/W.	Willaura	A.C., 1 ph.*	23	8	3, 4 and 5	8.11.40
Stoneyford	S/W.	Camperdown	A.C., 1 ph.	25	10	3, 4 and 5	20.12.37
Stony Creek	Gipps.	Leongatha	A.C., 1 ph.	80	53	3, 4 and 5	14.9.36
Stratford	Gipps.	Maffra	A.C., 3 ph. & 1 ph.	1,200	261	3, 4 and 5	20.12.26
Strathallan	N/E.	Echuca	A.C., 1 ph.	45	33	3, 4 and 5	5.11.35
Strathfieldsaye	Bend.	Bendigo	A.C., 1 ph.	300	70	3, 4 and 5	13.3.45
Strathmerton	N/E.	Cobram	A.C., 1 ph.	310	122	3, 4 and 5	19.2.35
Streatham	S/W.	Willaura	A.C., 1 ph.	160	40	3, 4 and 5	28.9.39
Strezlecki	Gipps.	Korumburra	A.C., 1 ph.	410	73	3, 4 and 5	14.4.48
Summerfield	Bend.	Inglewood	A.C., 1 ph.	40	19	3, 4 and 5	26.3.52
Sunbury	Mid.	Sunbury	A.C., 3 ph. & 1 ph.	1,556	333	3, 4 and 5	1.5.26
Swan Marsh	S/W.	Colac	A.C., 1 ph.*	120	24	3, 4 and 5	4.6.37
Swan Reach	Gipps.	Lakes Entrance	A.C., 1 ph.	145	44	3, 4 and 5	11.7.30
Sydenham	Mid.	Sunbury	A.C., 3 ph. & 1 ph.	126	36	3, 4 and 5	14.10.38
Tabor	S/W.	Hamilton	A.C., 1 ph.*	12	5	3, 4 and 5	3.2.50
Talbot	Mid.	Maryborough	A.C., 1 ph.	490	136	3, 4 and 5	27.8.38
Tallangatta	N/E.	Wodonga	A.C., 3 ph.	900	296	3, 4 and 5	1.11.40
Tallarook	N/E.	Seymour	A.C., 3 ph.	218	46	3, 4 and 5	29.6.49
Tallygaroopna	N/E.	Shepparton	A.C., 3 ph.	270	82	3, 4 and 5	22.10.33
Tally Ho	E/M.	Dandenong	A.C., 3 ph.	414	134	2, 4 and 5	9.3.28
Tambo Upper	Gipps.	Lakes Entrance	A.C., 1 ph.	115	41	3, 4 and 5	24.12.37
Tandarra	Bend.	Inglewood	A.C., 1 ph.	100	23	3, 4 and 5	9.11.44
Tandarook	S/W.	Camperdown	A.C., 1 ph.	50	9	3, 4 and 5	25.5.39
Tangambalanga	N/E.	Wodonga	A.C., 3 ph.	190	86	3, 4 and 5	12.4.39
Tanjil South	Gipps.	Moe	A.C., 1 ph.	100	42	3, 4 and 5	27.5.37
Taradale	Mid.	Kyneton	A.C., 3 ph. & 1 ph.	340	59	3, 4 and 5	23.6.50
Tarago	Gipps.	Warragul	A.C., 1 ph.	60	16	3, 4 and 5	23.8.38
Targoora	N/E.	Wangaratta	A.C., 1 ph.	13	4	3, 4 and 5	12.5.38
Tarnagulla	Mid.	Maryborough	A.C., 3 ph.	400	77	3, 4 and 5	24.2.50
Tarneit	Metro.	Werribee	A.C., 3 ph.	144	36	3, 4 and 5	12.12.46
Tarra Valley	Gipps.	Yarram	A.C., 1 ph.	150	23	3, 4 and 5	31.7.46
Tarrington	S/W.	Hamilton	A.C., 1 ph.	120	34	3, 4 and 5	18.11.49
Tarwin East	Gipps.	Leongatha	A.C., 1 ph.	100	15	3, 4 and 5	30.6.50
Tatura	N/E.	Shepparton	A.C., 3 ph.	1,650	552	3, 4 and 5	1.11.26
Tawonga	N/E.	Myrtleford	A.C., 3 ph.	250	218	3, 4 and 5	15.5.46
Tecoma	E/M.	Belgrave	A.C., 3 ph.	(See Belgrave)		2, 4 and 5	3.9.28
Terang	S/W.	Terang	A.C., 3 ph. & 1 ph.*	2,650	792	2, 4 and 5	4.3.24
Terang Rural	S/W.	Terang	A.C., 1 ph.	1,760	854	3, 4 and 5	9.1.36
Tesbury	S/W.	Camperdown	A.C., 1 ph.	18	5	3, 4 and 5	15.5.39
Tetoora Road	Gipps.	Warragul	A.C., 1 ph.	125	48	3, 4 and 5	27.5.41
The Basin	E/M.	Ringwood	A.C., 3 ph. & 1 ph.	745	257	2, 4 and 5	13.9.39
Thomastown	E/M.	Greensborough	A.C., 3 ph. & 1 ph.	1,149	320	3, 4 and 5	1.6.28
Thornton	N/E.	Alexandra	A.C., 1 ph.	220	122	3, 4 and 5	19.7.27
Thorpdale	Gipps.	Trafalgar	A.C., 1 ph.	240	84	3, 4 and 5	23.12.37
Timboon	S/W.	Terang	A.C., 3 ph. & 1 ph.*	510	112	3, 4 and 5	27.5.49
Timor	Mid.	Maryborough	A.C., 3 ph. & 1 ph.	25	7	3, 4 and 5	14.9.51
Tinamba	Gipps.	Maffra	A.C., 1 ph.	450	253	3, 4 and 5	11.7.28
Tongala	N/E.	Echuca	A.C., 3 ph.	630	516	3, 4 and 5	12.9.26
Toolamba	N/E.	Shepparton	A.C., 3 ph. & 1 ph.	220	121	3, 4 and 5	1.12.39
Toolong	S/W.	Port Fairy	A.C., 1 ph.*	30	9	3, 4 and 5	27.5.37
Toongabbie	Gipps.	Traralgon	A.C., 1 ph.	208	72	3, 4 and 5	11.3.29
Toora	Gipps.	Foster	A.C., 3 ph. & 1 ph.	800	233	3, 4 and 5	10.5.38
Tooradin	Gipps.	Koo-Wee-Rup	A.C., 1 ph.	400	99	3, 4 and 5	14.1.37
Toorloo Arm	Gipps.	Lakes Entrance	A.C., 1 ph.	103	39	3, 4 and 5	13.2.40
Top Creek	N/E.	Rochester	A.C., 1 ph.	(See Naneella)		3, 4 and 5	25.7.46
Torquay	Geel.	Queenscliff	A.C., 3 ph. & 1 ph.	750	489	3, 4 and 5	1.9.30
Torwood	Gipps.	Warragul	A.C., 1 ph.	50	18	3, 4 and 5	22.1.40
Tourello	Ball.	Ballarat	A.C., 1 ph.	76	11	3, 4 and 5	10.3.38
Tower Hill	S/W.	Port Fairy	A.C., 1 ph.*	40	9	3, 4 and 5	30.6.35

CENTRES SERVED BY STATE ELECTRICITY COMMISSION OF VICTORIA — *continued*

Municipality or Centre	Branch	Location of Officer-in-Charge (District Office)	System of Supply	Population	Number of Consumers	Tariffs as per Appendix No. 13 Columns No.	Date Supply First Undertaken by Commission
Country—continued							
Trafalgar	Gipps.	Trafalgar	A.C., 3 ph.	1,700	536	3, 4 and 5	16.10.23
Trafalgar East	Gipps.	Trafalgar	A.C., 1 ph.	220	80	3, 4 and 5	24.11.48
Trafalgar Rural	Gipps.	Trafalgar	A.C., 1 ph.	340	208	3, 4 and 5	3.4.28
Traralgon	Gipps.	Traralgon	A.C., 3 ph. & 1 ph.	8,400	2,360	2, 4 and 5	24.11.23
Traralgon Rural	Gipps.	Traralgon	A.C., 1 ph.	175	20	3, 4 and 5	27.11.28
Traralgon South	Gipps.	Traralgon	A.C., 1 ph.	185	42	3, 4 and 5	12.8.37
Trawool	N/E.	Seymour	A.C., 3 ph. & 1 ph.	(See Seymour Rural		3, 4 and 5	5.4.45
Tremont	E/M.	Belgrave	A.C., 1 ph.	515	145	3, 4 and 5	2.9.27
Trentham	Mid.	Kyneton	A.C., 3 ph. & 1 ph.	1,230	233	3, 4 and 5	8.5.39
Triholm	Gipps.	Korumburra	A.C., 1 ph.	50	4	3, 4 and 5	17.10.38
Tullamarine	Metro.	Melbourne	A.C., 3 ph.	344	83	3, 4 and 5	18.3.39
Tungamah	N/E.	Yarrawonga	A.C., 3 ph.	355	96	3, 4 and 5	14.2.40
Tyabb	E/M.	Frankston	A.C., 3 ph.	343	76	3, 4 and 5	20.1.28
Tyers	Gipps.	Traralgon / Morwell	A.C., 3 ph. & 1 ph.	168	80	3, 4 and 5	15.10.23
Tylden	Mid.	Kyneton	A.C., 1 ph.	225	39	3, 4 and 5	6.7.39
Tynong	Gipps.	Koo-Wee-Rup	A.C., 1 ph.	310	110	3, 4 and 5	14.1.29
Upper Beaconsfield	E/M.	Pakenham	A.C., 1 ph.	193	92	3, 4 and 5	1.8.34
Upper Ferntree Gully	E/M.	Belgrave	A.C., 3 ph. & 1 ph.	1,225	484	2, 4 and 5	24.8.25
Upper Maffra West	Gipps.	Maffra	A.C., 1 ph.	260	65	3, 4 and 5	6.10.37
Upwey	E/M.	Belgrave	A.C., 3 ph. & 1 ph.	1,756	850	2, 4 and 5	24.8.25
Valencia Creek	Gipps.	Maffra	A.C., 1 ph.	101	25	3, 4 and 5	11.6.38
Vervale	Gipps.	Koo-Wee-Rup	A.C., 1 ph.	170	49	3, 4 and 5	10.7.42
Violet Town	N/E.	Benalla	A.C., 3 ph.	750	192	3, 4 and 5	1.3.36
Waaia	N/E.	Numurkah	A.C., 3 ph.	60	26	3, 4 and 5	5.11.40
Wahgunyah	N/E.	Rutherglen	A.C., 3 ph.	610	136	3, 4 and 5	1.2.26
Wallace	Ball.	Ballarat	A.C., 3 ph.	209	50	3, 4 and 5	17.5.40
Wallington	Geel.	Queenscliff	A.C., 1 ph.	260	89	3 4 and 5	1.9.47
Walpa	Gipps.	Bairnsdale	A.C., 1 ph.	50	37	3, 4 and 5	16.5.35
Wandin	E/M.	Lilydale	A.C., 3 ph.	250	63	3, 4 and 5	4.6.52
Wandin Yallock	E/M.	Lilydale	A.C., 1 ph.	94	25	3, 4 and 5	5.6.52
Wangaratta	N/E.	Wangaratta	A.C., 3 ph.	7,000	2,760	2, 4 and 5	12.3.27
Wangaratta North	N/E.	Wangaratta	A.C., 3 ph.	40	24	3, 4 and 5	20.5.36
Wangaratta South	N/E.	Wangaratta	A.C., 3 ph.	(See Wangaratta)		2, 4 and 5	3.5.38
Wangoom	S/W.	Warrnambool	A.C., 1 ph.*	36	8	3, 4 and 5	9.5.39
Wannon	S/W.	Hamilton	A.C., 1 ph.	44	9	3, 4 and 5	3.12.48
Wantirna	E/M.	Ringwood	A.C., 3 ph. & 1 ph.	774	235	3, 4 and 5	1.2.28
Wantirna South	E/M.	Dandenong	A.C., 3 ph. & 1 ph.	67	25	3, 4 and 5	18.2.47
Warburton	E/M.	Warburton	A.C., 3 ph.	2,017	570	3, 4 and 5	1.7.44
Warncoort	S/W.	Colac	A.C., 1 ph.	35	8	3, 4 and 5	19.12.25
Warragul	Gipps.	Warragul	A.C., 3 ph. & 1 ph.	5,000	1,393	2, 4 and 5	1.12.30
Warragul Rural	Gipps.	Warragul	A.C., 1 ph.	560	241	3, 4 and 5	19.6.28
Warrandyte	E/M.	Ringwood	A.C., 1 ph.	1,104	463	3, 4 and 5	21.12.35
Warrenheip	Ball.	Ballarat	A.C., 3 ph. & 1 ph.	258	74	3, 4 and 5	10.6.48
Warrion	S/W.	Colac	A.C., 1 ph.	105	28	3, 4 and 5	18.8.24
Warrnambool	S/W.	Warrnambool	A.C., 3 ph. & 1 ph.	11,500	3,246	2, 4 and 5	30.12.23
Warrnambool Rural	S/W.	Warrnambool	A.C., 3 ph. & 1 ph.	2,580	714	3, 4 and 5	9.1.36
Warrong	S/W.	Port Fairy	A.C., 1 ph.	20	3	3, 4 and 5	20.4.40
Watsonia	E/M.	Greensborough	A.C., 3 ph.	332	120	3, 4 and 5	24.3.26
Wattle Flat	Ball.	Ballarat	A.C., 1 ph.	78	21	3, 4 and 5	6.10.50
Waubra	Ball.	Ballarat	A.C., 1 ph.	189	48	3, 4 and 5	18.12.40
Waurn Ponds	Geel.	Geelong	A.C., 1 ph.	100	25	3, 4 and 5	26.11.45
Weerangourt	S/W.	Port Fairy	A.C., 1 ph.	20	2	3, 4 and 5	29.9.45
Weerite	S/W.	Camperdown	A.C. 3 ph. & 1 ph.*	25	11	3, 4 and 5	8.6.28
Wellsford	Bend.	Bendigo	A.C., 3 ph. & 1 ph.	20	7	3, 4 and 5	21.1.43
Welshpool	Gipps.	Foster	A.C., 3 ph. & 1 ph.	330	107	3, 4 and 5	13.8.38
Werribee	Metro.	Werribee	A.C., 3 ph. & 1 ph.	4,408	1,139	2, 4 and 5	10.4.24
Werribee South	Metro.	Werribee	A.C., 3 ph. & 1 ph.	1,266	298	3, 4 and 5	24.11.36
Wesburn	E/M.	Warburton	A.C., 3 ph. & 1 ph.	494	104	3, 4 and 5	15.8.49
Westbury	Gipps.	Moe	A.C., 1 ph.	35	15	3, 4 and 5	27.5.37
Westmere	S/W.	Willaura	A.C., 1 ph.	80	24	3, 4 and 5	30.9.38
Wheeler's Hill	E/M.	Dandenong	A.C., 1 ph.	308	81	2, 4 and 5	1.2.26
Whitelaw	Gipps.	Korumburra	A.C., 1 ph.	100	17	3, 4 and 5	12.2.51
Whittlesea	E/M.	Greensborough	A.C., 1 ph.	584	175	3, 4 and 5	28.9.37
Whorouly	N/E.	Myrtleford	A.C., 3 ph.	345	160	3, 4 and 5	2.6.42
Whorouly East	N/E.	Myrtleford	A.C., 1 ph.	(See Whorouly)		3, 4 and 5	17.4.45
Whorouly South	N/E.	Myrtleford	A.C., 1 ph.	(See Whorouly)		3, 4 and 5	24.7.45
Willatook	S/W.	Port Fairy	A.C., 1 ph.*	40	13	3, 4 and 5	23.5.40
Willaura	S/W.	Willaura	A.C., 1 ph.	480	159	3, 4 and 5	23.9.38
Willaura Rural	S/W.	Willaura	A.C., 1 ph.	1,304	334	3, 4 and 5	23.9.38
Willowgrove	Gipps.	Moe	A.C., 1 ph.	80	33	3, 4 and 5	22.5.39
Winchelsea	S/W.	Colac	A.C. 3 ph. & 1 ph.*	810	230	3, 4 and 5	30.6.24
Windermere	Ball.	Ballarat	A.C., 3 ph. & 1 ph.	119	43	3, 4 and 5	21.10.47
Winslow	S/W.	Warrnambool	A.C., 1 ph.*	105	8	3, 4 and 5	29.10.47
Wiseleigh	Gipps.	Lakes Entrance	A.C., 1 ph.	119	20	3, 4 and 5	24.10.30
Wodonga	N/E.	Wodonga	A.C., 3 ph.	3,700	1,084	2, 4 and 5	1.11.33
Wodonga Rural	N/E.	Wodonga	A.C., 3 ph. & 1 ph.	49	11	3, 4 and 5	8.8.38
Wollert	E/M.	Greensboro'	A.C., 1 ph.	180	59	3, 4 and 5	2.5.47
Wonga Park	E/M.	Ringwood	A.C., 1 ph.	405	117	3, 4 and 5	18.5.38

CENTRES SERVED BY STATE ELECTRICITY COMMISSION OF VICTORIA — *continued*

Municipality or Centre	Branch	Location of Officer-in-Charge (District Office)	System of Supply	Population	Number of Consumers	Tariffs as per Appendix No. 13 Columns No.	Date Supply First Undertaken by Commission
Country—continued							
Won Wron	Gipps.	Yarram	A.C., 1 ph.	150	40	3, 4 and 5	24.10.50
Woadend	Mid.	Woodend	A.C., 3 ph. & 1 ph.	1,496	449	3, 4 and 5	1.8.29
Woodford	S/W.	Warrnambool	A.C., 1 ph.*	290	23	3, 4 and 5	8.12.49
Woodglen	Gipps.	Bairnsdale	A.C., 3 ph. & 1 ph.	50	35	3, 4 and 5	16.4.40
Woodleigh	Gipps.	Korumburra	A.C., 1 ph.	150	34	3, 4 and 5	9.11.51
Woodvale	Bend.	Bendigo	A.C., 1 ph.	50	10	3, 4 and 5	2.6.41
Wool Wool	S/W.	Colac	A.C., 3 ph. & 1 ph.*	37	5	3, 4 and 5	15.10.24
Woori Yallock	E/M.	Warburton	A.C., 1 ph.	190	53	3, 4 and 5	27.9.51
Woorndoo	S/W.	Willaura	A.C., 1 ph.*	40	11	3, 4 and 5	8.12.38
Wunghnu	N/E.	Numurkah	A.C., 3 ph.	240	65	3, 4 and 5	1.10.33
Wurruk Wurruk	Gipps.	Sale	A.C., 1 ph.	150	34	3, 4 and 5	27.8.47
Wyuna	N/E.	Kyabram	A.C., 3 ph. & 1 ph.	410	137	3, 4 and 5	6.7.51
Wy Yung	Gipps.	Bairnsdale	A.C., 3 ph. & 1 ph.	50	14	3, 4 and 5	28.9.28
Yackandandah	N/E.	Wodonga	A.C., 3 ph.	416	177	3, 4 and 5	20.12.39
Yallock	Gipps.	Koo-Wee-Rup	A.C., 1 ph.	120	34	3, 4 and 5	25.11.37
Yallook	Bend.	Inglewood	A.C., 1 ph.	80	33	3, 4 and 5	29.9.47
Yangery	S/W.	Port Fairy	A.C., 1 ph.*	30	4	3, 4 and 5	22.6.38
Yannathan	Gipps.	Koo-Wee-Rup	A.C., 1 ph.	290	117	3, 4 and 5	8.2.36
Yan Yean	E/M.	Greensborough	A.C., 1 ph.	186	56	3, 4 and 5	28.9.37
Yapeen	Mid.	Castlemaine	A.C., 1 ph.	164	26	3, 4 and 5	19.3.51
Yarraberb	Bend.	Inglewood	A.C., 1 ph.	50	5	3, 4 and 5	9.7.44
Yarra Glen	E/M.	Lilydale	A.C., 1 ph.	419	105	3, 4 and 5	15.3.34
Yarragon	Gipps.	Trafalgar	A.C., 3 ph. & 1 ph.	880	344	3, 4 and 5	1.11.23
Yarra Junction	E/M.	Warburton	A.C., 3 ph. & 1 ph.	818	214	3, 4 and 5	1.3.49
Yarram	Gipps.	Yarram	A.C., 3 ph. & 1 ph.	2,000	608	3, 4 and 5	31.7.46
Yarrambat	E/M.	Greensborough	A.C., 1 ph.	68	23	3, 4 and 5	28.11.45
Yarrawonga	N/E.	Yarrawonga	A.C., 3 ph.	3,105	830	2, 4 and 5	1.8.25
Yarroweyah	N/E.	Cobram	A.C., 3 ph. & 1 ph.	370	259	3, 4 and 5	10.12.48
Yatchaw	S/W.	Hamilton	A.C., 1 ph.	6	2	3, 4 and 5	26.6.51
Yea	N/E.	Alexandra	A.C., 3 ph.	1,032	409	3, 4 and 5	1.5.45
Yering	E/M.	Lilydale	A.C., 1 ph.	63	21	3, 4 and 5	24.2.34
Yeringberg	E/M.	Heolesville	A.C., 1 ph.	86	28	3, 4 and 5	7.7.33
Yinnar	Gipps.	Morwell	A.C., 3 ph. & 1 ph.	450	184	3, 4 and 5	28.11.27
Yulecort	S/W.	Hamilton	A.C., 1 ph.	15	4	3, 4 and 5	7.3.52
Yuroke	Metro.	Melbourne	A.C., 3 ph.	66	16	3, 4 and 5	13.6.39
Zeerust	N/E.	Shepparton	A.C., 1 ph.	(See Tallygaroopna)		3, 4 and 5	16.2.45

* = 230 V. only.

Note.—System of Supply.—A.C., Single Phase—Metropolitan Branch Municipalities, 200-400 volts.
Other Areas, 230-460 volts.

A.C., Three Phase, 230-400 volts.
D.C., Three Wire, 230-460 volts.
D.C., Two Wire, 230 volts.

LIST OF BRANCH OFFICES

Branch Title	Abbreviation	Location of Branch Headquarters	Telephone
Metropoliton	Metro.	238-242 Flinders Street, Melbourne	MF 0311
Ballarat	Ball.	1-7 Wendouree Parade, Ballarat	1825
Bendigo	Bend.	Cr. Hargreaves and William Sts., Bendigo	1700
Geelong	Geel.	Corio Terroce, Geelong	5941
Eastern Metropolitan	E/M.	197 Lonsdale Street, Dandenong	182 64 168 192 1110
Gippsland	Gipps.	108-116 Franklin Street, Traralgon	491 492 493
Midland	Mid.	40 Lyttleton Street, Castlemaine	238 196
North Eastern	N/E.	80 Bridge Street, Benalla	567
South Western	S/W.	119-121 Murray Street, Colac	661

LIST OF DISTRICT OFFICES

District Office	Address	Telephone
Alexandra	Grant Street, Alexandra	88
	High Street, Yea	105
Bacchus Marsh	Main Street, Bacchus Marsh	236
Bairnsdale	159 Main St., Bairnsdale	333
Beechworth	Camp Street, Beechworth	132
Belgrave	Main Road, Belgrave	127 & 549
Benalla	26A Carrier Street, Benalla	567
	Cowslip Street, Violet Town	47
Comperdown	151 Manifold St., Camperdown	94
Castlemaine	40 Lyttleton Street, Castlemaine	196 & 238
Chelsea	420 Nepean Highway, Chelsea	45
Cobram	William Street, Cobram	45
Colac	119-121 Murray St., Colac	661
Dandenong	197 Lonsdale St., Dandenong	182, 192, 168, 1110 & 64
Daylesford	Vincent St., Daylesford	257
Echuca	196 Hare Street, Echuca	321
Euroa	Binney Street, Euroa	162
Foster	Main Street, Foster	50
Frankston	Cr. Wells Street and Nepean Highway, Frankstan	109
Greensborough	Main Street, Greensborough	JL 7063, JL 7563
Hamilton	McLuckies Lane, Hamilton	734
Healesville	Nicholson St., Healesville	165
Inglewood	Brooks Street, Inglewood	105
Koo-Wee-Rup	Station Street, Koo-Wee-Rup	41
Korumburra	Commercial Street, Korumburra	29
Kyabram	Allan Street, Kyabram	221
Kyneton	35 High Street, Kyneton	151
Lakes Entrance	Main Street, Lakes Entrance	76
Leongatha	44 Bair Street, Leongatha	176
Lilydale	Main Street, Lilydale	38
Lorne	Cr. Mountjoy Parade and William Street, Lorne	29
Maffra	Johnston Street, Maffra	27
Mansfield	High Street, Mansfield	40
Maryborough	112-114 High Street, Maryborough	207
Moe	George Street, Moe	69
Mornington	64 Main Street, Mornington	247
Morwell	Cr. Princes Highway and Collins Street, Morwell	101
Myrtleford	Myrtle Street, Myrtlefard	60
Numurkah	Melville Street, Numurkah	36
	Blake Street, Nathalia	54
Pakenham	Moin Street, Pakenham East	129
Port Fairy	Sackville Street, Port Fairy	123
Queenscliff	Hesse Street, Queenscliff	92
Ringwood	187 Whitehorse Road, Ringwood	WU6621
Rochester	Gillies Street, Rochester	129
Rosebud	Nepean Highway, Rasebud	330
	Nepean Highway, Dromana	42
Rutherglen	Main Street, Rutherglen	98
	Conness Street, Chiltern	31
Sale	78 Raymond Street, Sale	89
Seymour	Station Street, Seymour	80
Shepparton	Maude Street, Shepparton	49 & 747
Sorrenta	Ocean Amphitheatre Road, Sorrento	45
Sunbury	Evans Street, Sunbury	14
Sunshine	241 Hampshire Road, Sunshine	MW9648
Terang	High Street, Terang	47
Trafalgar	Main Street, Trafalgar	50
Traralgon	108-116 Franklin Street, Traralgon	490
Wangaratta	110 Murphy Street, Wangaratta	262 & 734
Warburton	Main Street, Warburton	93
Warragul	Victoria Street, Warragul	151
Warrnambool	138 Koroit Street, Warrnambool	75
Werribee	Watton Street, Werribee	5
Willaura	Cr. Main and Station Streets, Willaura	143
Wodonga	High Street, Wodonga	63
	Towong Street, Tollangatta	91
Woodend	High Street, Woodend	74
Yarram	Commercial Road, Yarram	223
Yarrawonga	Belmore Street, Yarrawonga	85

ELECTRICITY SUPPLY UNDERTAKINGS (MUNICIPAL AND PRIVATE)

Municipality or Centre	Supply Authority	System of Supply	Population	No. of Consumers	Tariffs	
METROPOLITAN.						
Supplied in Bulk by State Electricity Commission						
City of Melbourne (excl. Flemington)	Melbourne City Council ..	D.C., 230-460 v. / A.C., 3 ph., 230-400v.	73,500	29,092	Metropolitan Standard Tariffs apply in all these territories with the exception of that of the Melbourne City Council, which has the following Metropolitan Standard Tariffs only—Residential, All-Purposes, Night Rate Water Heating. In addition to the above, the Melbourne City Council has Tariffs different from Standard for commercial and industrial lighting, radiators, and power and heating.	
Box Hill, and City of Nunawading	Box Hill City Council ..	A.C., 3 ph., 230-400v.	45,000	13,462		
Brunswick ..	Brunswick City Council ..	A.C., 3 ph., 230-400v.	60,000	15,533		
Coburg ..	Coburg City Council ..	A.C., 3 ph., 230-400v.	61,366	15,572		
Footscray and port of Braybrook Shire	Footscray City Council ..	A.C., 3 ph., 230-400v.	65,000	17,941		
Heidelberg (excl. Greensborough)	Heidelberg City Council ..	A.C., 3 ph., 230-400v.	38,296	11,131		
Northcote ..	Northcote City Council ..	A.C., 3 ph., 230-400v.	45,000	12,847		
Port Melbourne ..	Port Melbourne City Council	A.C., 3 ph., 230-400v.	14,250	3,767		
Preston ..	Preston City Council ..	A.C., 3 ph., 230-400v.	54,888	14,141		
Williamstown ..	Williamstown City Council ..	A.C., 3 ph., 230-400v.	26,907	8,134		
			484,207	141,620		
					Lighting	Power
COUNTRY.						
Apollo Bay ..	H.A. Block	D.C., 230 v. ..	750	252	1s. 3d. to 1s.	6d. to 3d.
Ararat	Ararat City Council	A.C., 3 ph., 230-400v.	7,200	1,880	Dom. 9d. Optional domestic tariff — 2 kWh per room per month @ 9d. per kWh. Next 30 kWh—2¾d. Over 30 kWh—1¼d. Com. 9d.	Dom. 3½d. Com. 3¼d. to 2¾d. Ind. 2¾d. to 1¾d.
Beaufort	Ripon Shire Council	A.C., 3 ph., 230-400v.	1,500	393	1s.	5d.
Beulah	Karkarooc Shire Council ..	D.C., 230-460 v. ..	580	160	1s. 5d.	5d.
Birchip	Birchip Electric Supply Co. Ltd.	D.C., 230 v. ..	600	245	1s. 6d.	10d. to 8d.
Boort	Boort Co-operative Butter & Ice Co. Ltd.	D.C., 230 v. ..	700	231	1s. 3d.	6d. to 5d.
Casterton ..	Casterton Electric Supply Co. Pty. Ltd.	D.C., 230 v. ..	2,250	639	1s. to 11d.	8d. to 4d.
Charlton	Charlton Electric Light & Power Co. Ltd.	D.C., 230 v. ..	1,300	428	1s. 2d. to 11d.	8d. to 5d.
Cohuna	Gunbower Co-operative Butter Factory & Trading Co. Ltd.	A.C., 3 ph., 230-400v.	1,050	426	1s. 2d. to 11d.	8d. to 5d.
Corryong ..	Upper Murray Shire Council	A.C., 3 ph., 230-400v.	700	230	1s. 3d.	6d. to 2½d.
Cowes	Phillip Island Shire Council	A.C., 3 ph., 230-400v.	500	223	1s. 1d. to 10d.	7d. to 4½d.
Dimboola ..	Dimboola Shire Council ..	D.C., 230-460 v. ..	1,800	565	1s.	6d. to 5d.
Donald	Donald Shire Council ..	D.C., 230 v. ..	1,500	490	1s. to 10d.	5d. to 3d.
*Doncaster ..	Doncaster Shire Council ..	A.C., 1 ph., 200-400v.	3,000	981	Dom. 7d. Ind. 7d. Optional Tariff—1s. 6d. per room per month, plus 1½d. per kWh.	Dom. 4d. Ind. 4d. to 1d.
Edenhope ..	Edenhope E.S. Co. Pty. Ltd.	D.C., 230 v. ..	600	87	1s. 3d.	9d.
Goroke	Garoke Freezing & Trading Co. Pty. Ltd.	D.C., 230 v. ..	400	107	1s. 4d.	6d.
Gunbower ..	Gunbower Co-operative Butter Factory & Trading Co. Ltd.	D.C., 230 v. ..	260	59	1s. 5d. to 1s. 2d.	8d. to 5d.
Heathcote ..	McIvor Shire Council ..	D.C., 230-460 v. ..	1,400	308	1s. 8d.	9d.
Heywood ..	S.F. Block	A.C., 3 ph., 230-400v.	1,200	296	1s. 5d. to 1s. 3d.	9d. to 7d.
Hopetoun ..	Karkarooc Shire Council ..	D.C., 230 v. / A.C., 3 ph., 230-400v.	800	253	1s.	5d.
Horsham ..	Horsham City Council ..	A.C., 3 ph., 230-400v.	6,850	2,023	10d.	Dom. 5d. to 2.65d. Ind. 10d. to 2½d.
Jeparit	S.F. Block (trading as "Jeparit Electric Light & Power Station")	D.C., 230 v. ..	900	265	1s. 3d. to 1s. 2d.	8d. to 7d.
Kaniva	Kaniva Shire Council ..	A.C., 3 ph., 230-400v.	767	293	1s. 2d.	6d. to 4d.
Kerang (including Koondrook	Kerang Shire Council ..	A.C., 3 ph., 230-400v.	3,000	1,060	9d. to 2d.	5d. to 1½d.
Kilmore	Kilmore Shire Council ..	D.C., 230 v. ..	1,550	280	1s. 2d.	7d.
Manangatang ..	J. Andrews	D.C., 230 v. ..	400	94	1s. 6d.	9d. to 6d.

ELECTRICITY SUPPLY UNDERTAKINGS (MUNICIPAL AND PRIVATE) — *continued*

Municipality or Centre	Supply Authority	System of Supply	Population	No. of Consumers	Tariffs	
					Lighting	Power
COUNTRY—cont.						
Mildura (incl. Cardross, Red Cliffs, Merbein and Irymple)	Mildura City Council	A.C., 3 ph., 230-400v.	19,000	5,802	City and District 11d. to 6½d.	Dom. 2½d. to 2d. Ind. 3d. to 1¾d.
					District Area Optional Tariff—1s. 6d. per room per month, plus 2½d. per kWh.	
Minyip—Murtoa Rupanyup	Dunmunkle Shire Council ..	D.C., 230 v. / A.C., 3 ph., 230-400v.	2,550	741	1s. 2d.	8d. to 5d.
Murrayville ..	Walpeup Shire Council ..	A.C., 3 ph., 230-400v.	400	96	1s. 6d.	7d. to 5d.
Nagambie ..	Goulburn Shire Council ..	D.C., 230-460 v.	900	278	10d.	6d.
Natimuk ..	H. C. Woolmer	A.C., 3 ph., 230-400v.	500	126	1s. 4d. to 1s. 1d.	8d. to 6d.
Nhill	Lowan Shire Council ..	D.C., 230-460 v. / A.C., 3 ph., 230-400v.	1,992	611	11d.	6d. to 4½d.
Omeo	Omeo Electric Supply and Motor Co. Pty. Ltd.	A.C., 3 ph., 230-400v.	250	90	1s. 6d.	1s.
Orbost	Orbost Butter Produce Co. Ltd.	D.C., 230 v. ..	2,000	637	1s. to 11d.	7d. to 5d.
Ouyen	Walpeup Shire Council ..	A.C., 3 ph., 230-400v. / D.C., 230-460 v.	1,100	340	1s. 6d.	8d. to 6d.
Port Campbell ..	Port Campbell Elec. Supply Co. Pty. Ltd.	D.C., 230 v. ..	400	30	1s. 6d.	9d.
Portland	Portland Town Council ..	A.C., 3 ph., 230-400v.	4,000	1,277	10d. to 6d.	5d. to 3d.
Pyramid	Gordon Shire Council ..	A.C., 3 ph., 230-400v.	500	162	1s. 3d.	6d. to 5d.
Quambatook ..	Kerang Shire Council ..	D.C., 230 v. ..	500	124	1s. to 9d.	6d. to 4d.
Rainbow	Frank Dawson Pty. Ltd. ..	D.C., 230 v. ..	1,000	233	1s. 3d.	8d.
					Optional Tariff—2s. per room per month plus 5d. per kWh.	
Robinvale ..	Swan Hill Shire Council ..	A.C., 3 ph., 230-400v.	500	127	1s. 6d.	6d.
					Optional Tariff—1s. 6d. per room per month, plus 6d. per kWh.	
Rushworth ..	Waranga Shire Council ..	D.C., 230 v. ..	1,300	378	1s. 4d.	8d. to 4d.
Serviceton ..	C. C. Wallis	D.C., 230 v. ..	180	34	1s.	6d.
Stawell	Stawell Borough Council ..	A.C., 3 ph., 230-400v.	5,000	1,625	9d.	Dom. 4¼d. to 3¼d. Ind. 2¾d. to 2½d.
St. Arnaud ..	St. Arnaud Town Council ..	A.C., 3 ph., 230-400v.	3,000	887	Dom. 11d. Ind. 11d. to 6d.	Dom 5d. Ind. 5d. to 2½d.
					Optional Tariff—1s. 4d. per room per month, plus 3½d. to 3d. per kWh.	
Swan Hill (Borough) ..	Swan Hill Borough Council	A.C., 3 ph., 230-400v.	5,000	1,391	9½d. to 3d.	3d. Ind 6d. to 2d.
†Swan Hill (Rural Supply) ..	Swan Hill Shire Council .	A.C., 3 ph., 230-400v.	11,000	1,350	1s. 3d. to 6d.	3½d. Ind. 5d. to 3½d.
					Optional Tariff—1s. 4d. per room per month, plus 3½d. per kWh.	
Underbool ..	A. J. Gloster	D.C., 230 v. ..	200	59	2s. 1d.	1s.
Walwa	J. H. Ferris & A. J. Thomson	D.C., 230 v. .	200	50	2s.	1s.
Warracknabeal	Warracknabeal E.L. Co. Ltd.	A.C., 3 ph., 230-400v.	3,000	907	1s.	6d. Comm. 6d. to 4½d.
Wedderburn (incl. Korong Vale) ..	Korong Shire Council ..	A.C., 3 ph., 230-400v.	2,000	362	1s. 3d.	6d. to 2½d.
Wonthaggi ..	State Coal Mine	A.C., 3 ph., 240-415v.	5,230	1,590	7d.	3d. to 1½d.
Woomelang ..	E. H. & L. J. Bailey	D.C., 230 v. .	400	103	2s.	1s.
Wycheproof (incl. Sea Lake and Intermediate Towns)	Wycheproof Shire Council ..	A.C., 3 ph., 230-400v.	3,000	704	11d. to 9d.	5d. to 2d.

* Supplied in bulk by State Electricity Commission.

† Supplied in bulk by Swan Hill Borough Council.

NEW SOUTH WALES UNDERTAKINGS (BULK SUPPLIES)

Municipalities of Albury, Berrigan, Coreen, Corowa, and Moama purchased from the State Electricity Commission of Victoria 30,533,970 kWh during the year.

STATE ELECTRICITY COMMISSION OF VICTORIA

ELECTRICITY SUPPLY

GENERATION
TRANSMISSION
H.V. DISTRIBUTION

As at 1st October, 1952