

1949.  
—  
VICTORIA.

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STATE ELECTRICITY COMMISSION OF  
VICTORIA.

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THIRTIETH ANNUAL REPORT

COVERING THE

FINANCIAL YEAR ENDED 30<sup>TH</sup> JUNE, 1949,

TOGETHER WITH

APPENDICES.

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PRESENTED TO PARLIAMENT PURSUANT TO SECTION 35 (b) OF STATE ELECTRICITY COMMISSION ACT No. 377<sup>E</sup>.

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Mr. G. G. JOBBINS, M.I.E.E., M.I.E. Aust.  
Chairman, 1937-1949.

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## STATE ELECTRICITY COMMISSION OF VICTORIA.

## FEATURES OF YEAR'S OPERATIONS.

	1948-49.	1947-48.	Increase or Decrease.	Percentage.
<b>FINANCIAL.</b>				
<b>INCOME—</b>				
Electricity Supply .. .. . £	8,129,973	6,543,089	+ 1,586,884	+ 24·2
Briquetting (after Stock Adjustment and less Sales to Works) .. .. . £	300,277	325,181	— 24,904	— 7·7
Brown Coal .. .. . £	194,995	102,003	+ 92,992	+ 91·2
Tramways .. .. . £	147,797	143,878	+ 3,919	+ 2·7
Miscellaneous .. .. . £	32,776	33,338	— 562	— 1·7
EXPENDITURE .. .. . £	8,805,818	7,147,489	+ 1,658,329	+ 23·2
EXPENDITURE .. .. . £	8,879,517	7,360,561	+ 1,518,956	+ 20·6
LOSS .. .. . £	73,699	213,072	..	..
TRANSFERS FROM RESERVES .. .. . £	103,000	243,000	..	..
NET SURPLUS .. .. . £	29,301	29,928	— 627	— 2·1
ACCUMULATED PROFIT—At end of Year .. .. . £	401,032	371,731	+ 29,301	+ 7·9
CAPITAL EXPENDITURE—At end of Year .. .. . £	47,327,034	40,523,149	+ 6,803,885	+ 16·8
RESERVES—At end of Year .. .. . £	17,448,526	16,566,022	+ 882,504	+ 5·3
<b>ELECTRICITY PRODUCTION AND SALES.</b>				
MAXIMUM COINCIDENT DEMAND ON GENERATING STATIONS (This Year—June 23rd) .. .. kW	436,930	449,500	— 12,570	— 2·8
ELECTRICITY GENERATED .. .. kWh—millions	2,148·0	1,904·4	+ 243·6	+ 12·8
ELECTRICITY SALES .. .. kWh—millions	1,725·0	1,521·5	+ 203·5	+ 13·4
NUMBER OF CONSUMERS (excluding Bulk Supplies) ..	372,135	355,258	+ 16,877	+ 4·8
<b>AVERAGE kWh SOLD PER CONSUMER—</b>				
Domestic .. .. .	1,370	1,151	+ 219	+ 19·0
Industrial .. .. .	37,428	37,498	— 70	— 0·2
Commercial .. .. .	3,400	3,132	+ 268	+ 8·6
All Consumers (excluding Bulk Supplies) .. ..	3,187	2,915	+ 272	+ 9·3
<b>AVERAGE PRICE PER kWh SOLD—</b>				
Domestic .. .. . d.	1·517	1·506	+ 0·011	+ 0·7
Industrial .. .. . d.	0·955	0·852	+ 0·103	+ 12·1
Commercial .. .. . d.	2·070	1·905	+ 0·165	+ 8·7
All Consumers (excluding Bulk Supplies) .. .. d.	1·310	1·221	+ 0·089	+ 7·3
NUMBER OF FARMS SERVED .. .. .	14,419	13,181	+ 1,238	+ 9·4
<b>MOTORS CONNECTED—</b>				
Number .. .. .	90,896	84,361	+ 6,535	+ 7·7
Horse-power .. .. .	505,877	481,408	+ 24,469	+ 5·1
<b>BRIQUETTES—</b>				
Produced .. .. . tons	558,899	545,236	+ 13,663	+ 2·5
Sold .. .. . tons	583,363	536,802	+ 46,561	+ 8·7
<b>YALLOURN OPEN CUT—</b>				
Brown Coal Won .. .. . tons	6,235,611	5,994,707	+ 240,904	+ 4·0
<b>YALLOURN NORTH OPEN CUT—</b>				
Brown Coal Sold .. .. . tons	469,997	197,715	+ 272,282	+ 137·7
TRAMWAY PASSENGERS .. .. .	16,341,546	15,852,942	+ 488,604	+ 3·1

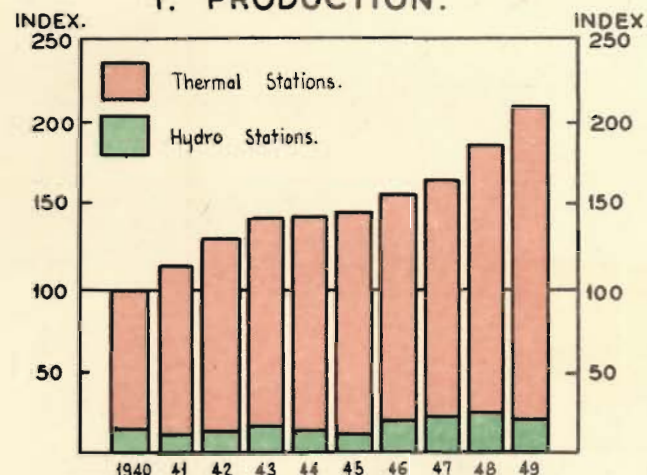




## TEN YEAR STATISTICAL REVIEW. BASE YEAR 1939/40 = 100.

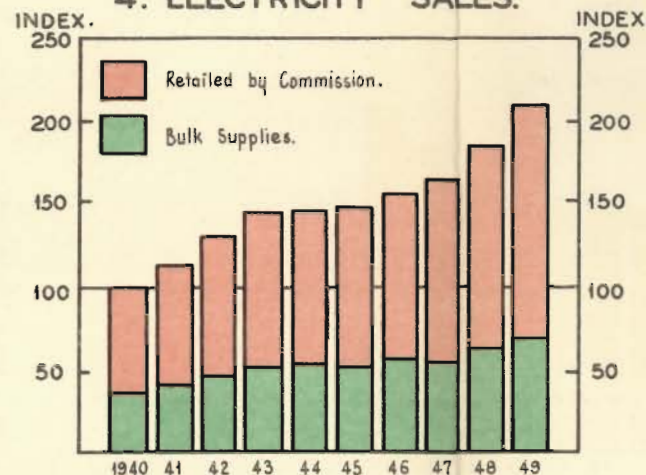
Statistics during the past four financial years have been affected by electricity restrictions.

### 1. PRODUCTION.



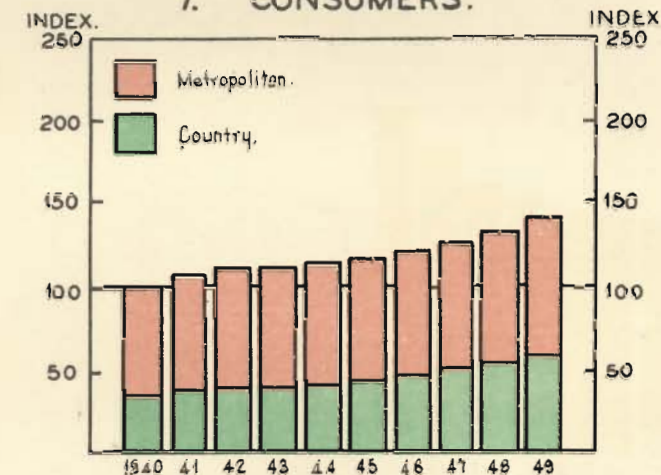
Production of Electricity (2148 million kWhs in 1948-49) has more than doubled over the decade.

### 4. ELECTRICITY SALES.



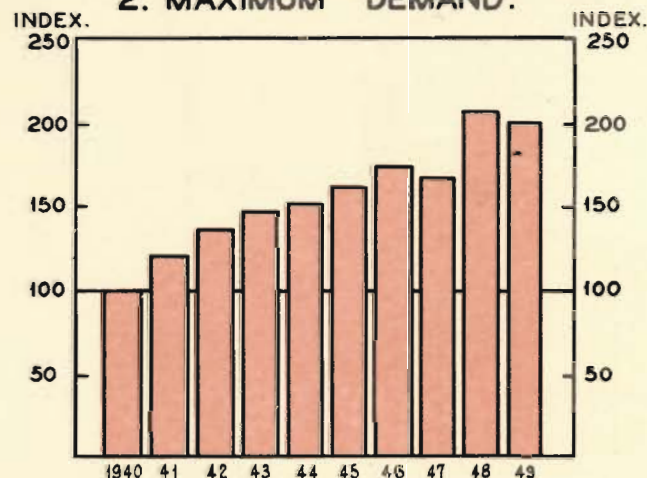
Sales (1725 million kWhs in 1948-49) increased by 13% despite electricity restrictions.

### 7. CONSUMERS.



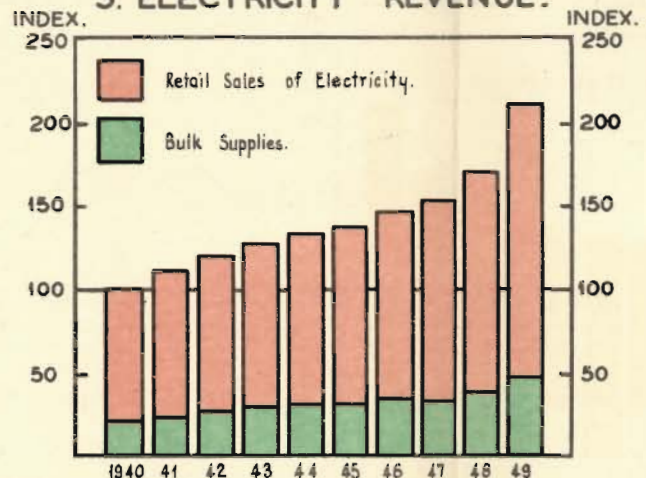
The number of Consumers (372,135 at 30-6-49) has increased steadily. In this decade country consumers have almost doubled.

### 2. MAXIMUM DEMAND.



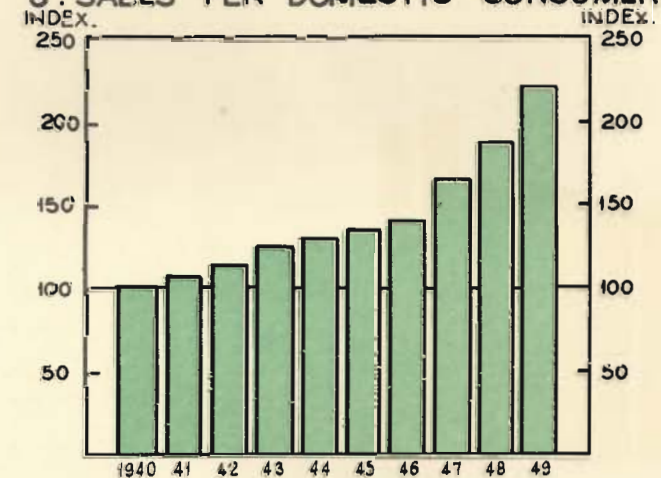
Maximum Demand has more than doubled since 1940. The figure for 1948-49 (436,930 kW) was lower than last year because restrictions on the use of electricity were more severe.

### 5. ELECTRICITY REVENUE.



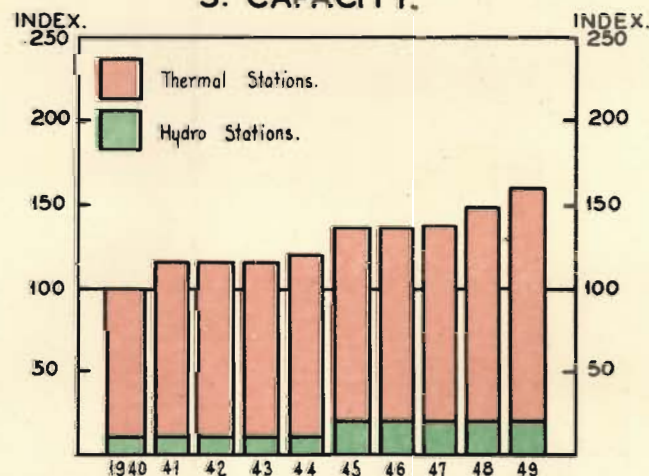
Over the decade Revenue (£28.1 million in 1948-49) has more than doubled. The figures for this year reflect increased charges from 1st July 1948.

### 8. SALES PER DOMESTIC CONSUMER.



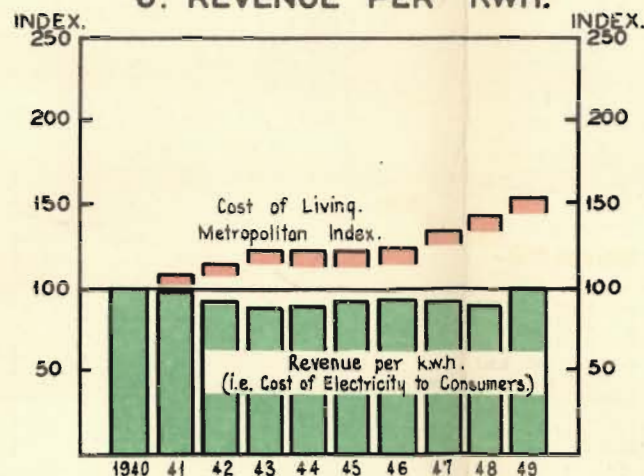
Since 1940 consumption per Domestic Consumer has increased from 626 to 1370 kWhs. The 1948-49 increment (219 kWhs) is by far the largest yet recorded.

### 3. CAPACITY.



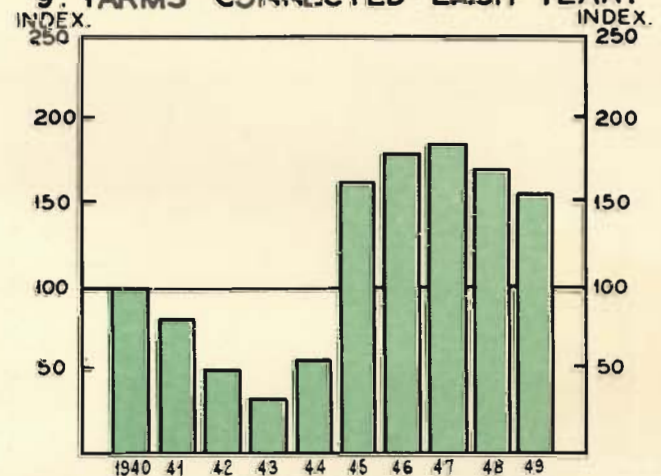
Installed Capacity of generators (480,302 kW at 30-6-49) increased by 36,650 kW during the year.

### 6. REVENUE PER KWH.



Revenue per kWh is less than the pre-war level in marked contrast to the general cost of living.

### 9. FARMS CONNECTED EACH YEAR.



For the last three years 4049 Farms were connected compared with 2397 for the three years prior to the war. At 30th June 1949 the total farms connected was 14,419.

# THIRTIETH ANNUAL REPORT

*The Honorable T. T. Hollway, 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 Thirtieth Annual Report of the Commission covering the financial year ended 30th June, 1949, together with the Balance-sheet and Profit and Loss Account.

**Financial.**—During the year under review the finances for the first time felt the full impact of the 40-hour week, and the continued increases in costs of wages and materials. These, coupled with the use of substitute fuels for power generation, are reflected in an additional expenditure of £1,518,956 (20·6 per cent.).

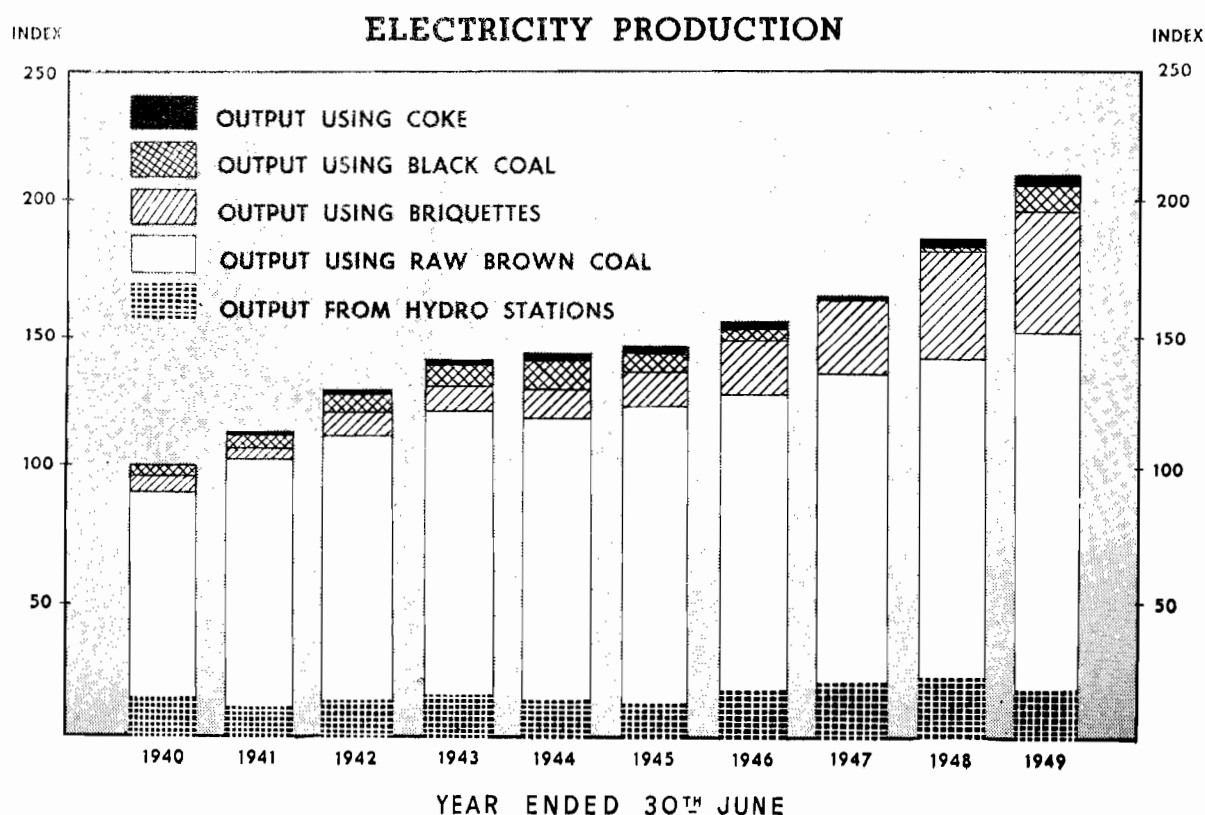
Income from all sources totalled £8,805,818—an increase of £1,658,329 ; this increase was due to additional sales and to revised electricity charges effective from 1st July, 1948. The loss on operations of £73,699 has been met by transfer of £53,000 from the Deferred Maintenance Reserve and £50,000 from the Rate Stabilization Reserve.

With the continued increase in wages and material costs it was obvious early in the current financial year that a further increase of tariffs could not be avoided. The revised tariffs will operate from the 1st October, 1949 (see further reference on page 15).

Higher fares for provincial tramways became operative from the 15th September, 1949.

**Electricity Supply.**—The overall increase in sales (203·5 million kWh) was substantially higher than for any previous year. Of 16,877 new consumers, 64 per cent. were in extra-metropolitan areas ; 1,238 were farms. The rate of connection of new consumers exceeded the previous year and was considerably in advance of pre-war years, despite construction setbacks.

**Fuel Stocks and Electricity Restrictions.**—Over the last decade the output from the Commission's generating stations has more than doubled (see accompanying graph). Practically the whole of the fuel needed for this increased production has been met from Victoria's own resources (brown coal or briquettes).





During the war the Kiewa hydro-electric development which embraces huge civil construction works necessarily had to be curtailed and such labour as was available was concentrated on the extension of the Newport Power Station (thermal). Much greater quantities of fuel are, therefore, required at Newport which now carries a substantial portion of the base load, in addition to fulfilling its originally planned role of a peak load station only.

Black coal from New South Wales was not available to the Commission, and, as it was not permitted to retain its full production of briquettes (144,000 tons were diverted to industry this year), some Newport boilers were converted, as an emergency measure, to burn raw brown coal which is being used at the rate of over 300,000 tons per annum. The Government also arranged to import black coal from Great Britain, India, and, latterly, South Africa; this overseas coal was supplied to the Commission at a parity cost with New South Wales coal.

Deficiency in plant capacity and fuel shortages have necessitated limited restrictions on the use of electricity, and on a few occasions of particularly adverse weather conditions a small portion of the load was shed for short periods.

**Major Extensions to Generating Plant.**—The programme of major works to restore the capacity of the generating system so that unrestricted requirements of consumers can be met is referred to in detail on page 9 of this report. The programme provides for the following principal developments:—

Newport	..	..	30,000 kW during 1950 and 1951
Kiewa	..	..	45,000 kW (1952) and 15,000 kW (1953)
Yallourn	..	..	50,000 kW (1953) and 50,000 kW (1954)
Richmond	..	..	38,000 kW (1951 and 1952)

The Government has approved since the close of the year of a further extension at Yallourn to provide another 100,000 kW in 1955-56.

**Missions Abroad.**—So that the date for the completion of the Morwell Briquette Project could be advanced, the Chief Engineer (Mr. E. Bate, M.C., B.Sc., Whit. Schol., A.M.I.E. Aust., and three engineers visited Great Britain and the Continent to arrange for the purchase of plant and buildings involving contracts totalling nearly £9 million. (Further reference to the successful work of this mission is made later in the report.)

Other officers have made visits overseas to arrange for migration of skilled tradesmen, and for the procurement of specialized items of construction plant.

**ANNUAL ACCOUNTS.**

The income, expenditure and result of Electricity Supply, Briquetting, Brown Coal and Tramways Operations were :—

	Income.	Expenditure.	Result.	
			Profit.	Loss.
	£	£	£	£
Electricity Supply .. .. .	8,129,973	7,450,309	679,664	..
Briquetting .. .. .	300,277	310,817	..	10,540
Brown Coal .. .. .	194,995	161,783	33,212	..
Tramways .. .. .	147,797	256,238	..	108,441
Miscellaneous Revenue .. .. .	32,776	..	32,776	..
General Charges (Sinking Fund Contributions, Pay Roll Tax, Provident Fund Contributions, &c.) ..	..	700,370	..	700,370
	8,805,818	8,879,517	745,652	819,351

The year's operations thus showed a loss of .. .. .	£	73,699
which has been met by transfers from—	£	
Deferred Maintenance Reserve .. .. .	53,000	
Rate Stabilization Reserve .. .. .	50,000	
	—	103,000

converting the final result to a surplus of .. .. . 29,301  
and bringing the accumulated profit as at 30th June, 1949, to .. 401,032

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.

**LOAN LIABILITY.**

Total loan liability at 30th June, 1949, was £33,829,561.

The commitments involved are :—

	£
Liability to State of Victoria .. .. .	16,035,605
State Electricity Commission of Victoria Loans .. .. .	17,776,739
Municipal Debentures in respect of Undertakings acquired .. .. .	17,217
	33,829,561

Loan Liability has increased this year by £6,839,486 :—

(a) State Electricity Commission Loans .. .. .	7,000,300
(b) Increase in indebtedness to State through loan conversion operations in London and the repatriation of securities to Australia .. .. .	105,687
	7,105,987

Less—	£
(a) Reduction of indebtedness to State through National Debt Sinking Fund .. .. .	157,987
(b) Redemption of State Electricity Commission Loans .. .. .	95,355
(c) Repayment of twelfth instalment on £100,000 borrowed for tramway reconstruction .. .. .	9,259
(d) Redemption of Municipal Debentures guaranteed by Commission .. .. .	3,900
	266,501
	6,839,486



During the year the Commission floated a public loan (£3 3s. 9d. per cent.) of £1,000,000; this loan was over-subscribed on the opening day.

For the 1949-50 works programme of £15,866,000, the Commission sought approval to the raising by loan of this amount, and to date has been authorized by the Loan Council to raise £14,279,400.

### RESERVES.

Total reserves at the 30th June, 1949, were £17,448,526, an increase for the year of £882,504.

The Depreciation and Sinking Fund Reserve at 30th June, 1949, totalled £14,812,008, an increase of £1,023,685 for the year. Of the total, £1,904,625 was to the credit of the Commission in the National Debt Sinking Fund Reserve, £12,286,528 to the credit of the Depreciation Reserve (which, with the exception of £517,514 applied to the National Debt Sinking Fund Reserve, was invested in the business of the Commission), £565,437 to the credit of the State Electricity Commission Sinking Fund Reserve and £55,418 to the credit of the Commission in the National Recovery Loan Fund Reserve. Other Reserves are :—

	£
Contingency Reserve .. .. .	1,002,561
Rate Stabilization Reserve .. .. .	100,000
Rural Development Reserve .. .. .	1,200,000
General Reserve .. .. .	333,957
	<hr/>
	2,636,518
	<hr/>

### CAPITAL EXPENDITURE.

Total capital expenditure at 30th June, 1949, was £47,327,034.

After deduction for retirements and the writing out of non-productive expenditure, the total expenditure on capital works increased by £6,803,885. The principal increases were in the following Accounts :—

	£
Coal Production .. .. .	353,308
Power Production—Thermal Stations—Newport .. .. .	792,786
Power Production—Hydro Stations—Kiewa .. .. .	1,969,088
Transmission Systems—	
Main Transmission Systems .. .. .	446,447
Provincial and Country Branches .. .. .	249,146
Distribution Systems—	
Metropolitan .. .. .	334,213
Provincial and Country Branches .. .. .	464,239
Briquette Production .. .. .	42,456
General .. .. .	1,989,887

### COMMONWEALTH LOAN INVESTMENTS

Investments in Commonwealth Loans at 30th June, 1949, totalled £1,370,880. Of this sum £674,170 was invested on behalf of the Staff Provident Fund; the remainder, £696,710 was an investment of the Contingency Reserve and other funds.

### SYSTEM GENERATING CAPACITY.

Because of delays in the manufacture and installation of new generating plant and shortages of fuel, limited restrictions on the use of electricity have been necessary—space heating, display, advertising, and exterior lighting were particularly affected. (Shortly after the close of the year, more severe restrictions were imposed for a short period during the general coal strike to permit the transfer of fuel from power stations to essential public utilities.)

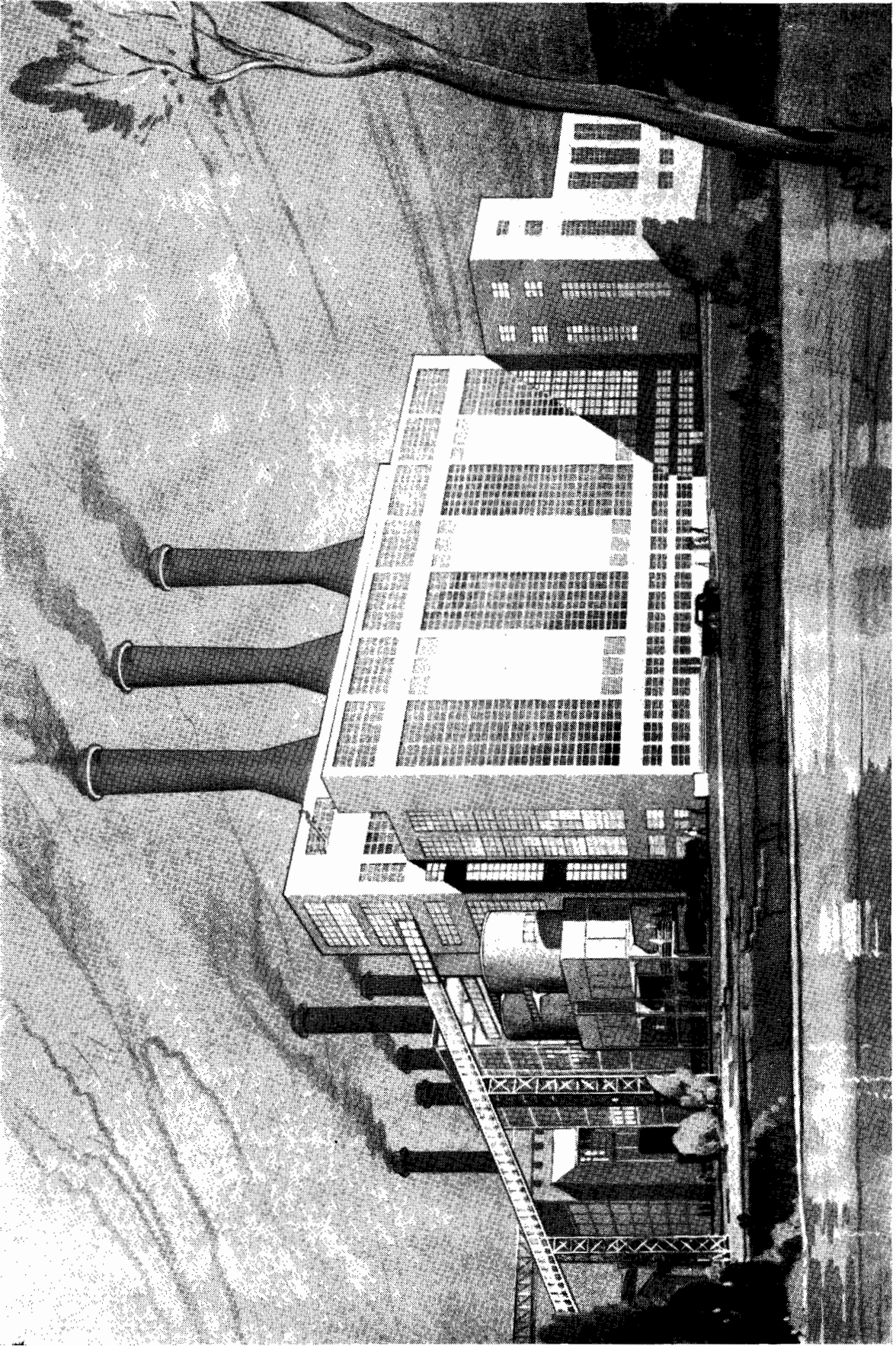
As from the 1st July, 1949, the connection of off-peak electric hot water services is being limited to 50 per cent. of the total connected during the previous year and the hours of operation reduced to seven for existing systems and five for new systems.

Special measures have been taken to procure additional generating plant and the total output requirements should be overtaken by 1953. The estimated capacity of generating plant for the next five years, together with the estimated maximum demand on an unrestricted basis, is as follows:—

Year.				Projected Generating Plant Capacity.		Estimated Maximum Demand. (unrestricted) kW
				kW		
1950	..	..	..	503,000	..	551,000
1951	..	..	..	564,000	..	593,000
1952	..	..	..	674,000	..	638,000
1953	..	..	..	829,500	..	685,000
1954	..	..	..	917,500	..	736,000

The availability of the new plant is dependent on the progress of manufacture and construction conforming to a fixed time schedule which is considered to be possible of attainment, given good deliveries of plant and materials and stable industrial conditions. Generating plant on order, its planned location and date for operation, are as follows:—

Plant.				Planned date of Operation.		
<i>Yallourn Power Station—</i>						
One 50,000 kW turbo-generator	..	..	..	..	..	Winter of 1953
One 50,000 kW turbo-generator	..	..	..	..	..	1954
<i>Newport Power Station—</i>						
One 30,000 kW turbo-generator	..	..	..	..	..	Portion winter 1950 ; comp'eted early in 1951
<i>Richmond Power Station—</i>						
One 38,000 kW turbo-generator	..	..	..	..	..	Portion winter 1951 ; completed 1952
<i>Kiewa Hydro-Electric Project—</i>						
Three 15,000 kW turbo-generators	..	..	..	..	..	1952
One 15,000 kW turbo-generator	..	..	..	..	..	1953
<i>Regional Power Stations—</i>						
<i>Warrnambool—</i>						
Six 830 kW sets	..	..	..	..	..	Completed 1951
<i>Shepparton—</i>						
Six 830 kW sets	..	..	..	..	..	Completed 1951
<i>Morwell Briquette Factory—</i>						
By-product electricity	..	..	..	..	..	20,000 kW by 1953 ; further 20,000 kW by 1955
<i>Spencer Street Power Station—</i> (Melbourne City Council)						
One 30,000 kW turbo-generator	..	..	..	..	..	1952
One 15,000 kW turbo-generator	..	..	..	..	..	1953



YALOURN POWER STATION.  
Architect's drawing of augmented station.

*Newport "A" (Railways) Power Station—*

With the installation of new generating plant at the Victorian Railways Power Station, it is expected that the Commission will be able to rely on 25,000 kW (1950) through the existing frequency changers, possibly increasing to 40,000 kW (1951–52) with the installation of an additional frequency changer.

*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 and the project is expected to be completed by 1953; the output is to be shared by New South Wales and Victoria.

. . . . .

Since the close of the year the Governor in Council has approved the Commission's recommendation for a further development of the Yallourn Power Station to be known as Yallourn "D" and comprising two 50,000 kW turbo-generators, boilers, associated plant (including coal winning and overburden dredgers, &c.) and provision for 220 kV transmission line and equipment. The total estimated expenditure is £16,557,680 and it is planned to have these units installed by 1955 and 1956 respectively.

. . . . .

Elsewhere in this report, reference is made to the importation of fuel for power stations and the steps taken to advance the date for the completion of the two new Morwell Briquette Factories.

## SHORTAGE OF MATERIALS AND EQUIPMENT.

### OVERSEAS PROCUREMENT INVOLVES ADDITIONAL £1½ MILLION.

The acute shortage of materials and equipment has continued to cause the Commission grave concern. It affects all phases of Commission activities, including major power production developments, extensions of supply lines to new consumers, and normal operation and maintenance.

The gravity of the position is evidenced by the Commission's action in ordering overseas at an additional cost of £1½ million items which normally should be available from Australian manufacturers. This sum is exclusive of expenditure on plant and equipment purchased overseas for the Morwell Briquette Project.

For the major developmental projects the most serious shortage is that of steel for structural purposes and for the manufacture of machinery and equipment. Australian steel producers have been able to supply but a portion of the quantities required by the Commission and its contractors. To augment local supplies, orders—totalling over 18,000 tons—were placed overseas and further supplies will be necessary.

Rural extensions have proceeded to the maximum possible extent of available materials. There are still serious shortages of line construction materials and as a result the connection of new consumers and the augmentation of supply in all areas, including the metropolitan area, have been considerably retarded. For certain types of transformers vital to the programme, Australian manufacturers quoted at least 5 years for delivery.

Heavy additional expenditures have been incurred in placing overseas orders for transformers, copper conductor, and line equipment, and substantial quantities of insulators have been obtained from Japan.

To ensure interstate deliveries of cement, poles, building timbers, crossarms, &c., the Commission operates a small coastal steamer, S.S. "Uralba", and other small vessels have been chartered.

## HYDRO-ELECTRIC RESOURCES OF THE SNOWY RIVER.

Reference was made in previous reports to two alternative proposals for the use of the water of the Snowy River for irrigation and power generation, one involving the diversion of the Snowy headwaters to the Murrumbidgee River, and the other involving diversion to the Murray River with a much greater power output.

A conference of Premiers in August, 1947, decided to appoint a committee of experts, consisting of representatives from each State and the Commonwealth, to examine the proposals and submit a report. The Victorian Government appointed as its representatives Mr. L. R. East (Chairman of the State Rivers and Water Supply Commission) and Mr. E. Bate (Chief Engineer of this Commission). (The Commission's Civil Engineer, Mr. A. L. Galbraith, has acted in recent months during Mr. Bate's absence abroad).

With the assistance of a hydro-electric sub-committee, the Victorian member of which was Mr. O. T. Olsen, of the Commission's Civil Engineering staff, a detailed investigation was made, the results of which were embodied in two reports submitted in November, 1948, and June, 1949. The Committee's recommendations, which have been adopted by two conferences of Commonwealth and State Ministers, discard both of the original proposals, and provide for comprehensive development of the whole Snowy Mountains area, with power potential greatly exceeding that in the earlier proposals, the total capacity proposed being 2,620,000 kilowatts. An average amount of 565,000 acre-feet per annum will be diverted via the Tumut River to the Murrumbidgee for irrigation, and 400,000 acre-feet to the Murray, of which 100,000 acre-feet will be allotted to Victoria. In addition, both rivers will benefit by better regulation of their own waters.

The power development will be in two sections, one utilizing the head-waters of the Eucumbene (Snowy tributary), Tooma (Murray tributary) and Tumut (Murrumbidgee tributary) in a series of power stations down the Tumut Valley. The total capacity of this system is estimated at 1,020,000 kilowatts. The other section consists of several power stations on the line of the Snowy-Murray diversion tunnel utilizing the water of the Upper Snowy and some of the high tributaries of the Murray. The total capacity proposed for this system is 1,600,000 kilowatts, of which 910,000 kilowatts will be in one station.

All power in excess of Commonwealth requirements will be shared between the States in the proportion of two-thirds to New South Wales, and one-third to Victoria. Under this arrangement, about 750,000 kilowatts should be available to Victoria, and preliminary estimates indicate a cost well below that of steam generation.

An agreement to implement the proposals is being drafted for ratification by the three Governments.

On the 7th July, 1949, the Commonwealth Government obtained assent to an Act establishing the Snowy Mountains Hydro-Electric Authority with power to develop the project. The Authority is to confer with State Governments and instrumentalities regarding the construction and operation of the proposed works.

## USE OF THE HUME AND OTHER IRRIGATION WATERS FOR POWER GENERATION.

Reference has been made in previous reports 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 1½ to 2 million acre-feet.

The State Electricity Authorities of New South Wales and Victoria and the River Murray Commission have agreed in principle regarding the use of the water for electricity generation, and legislation to enable the storage level of the reservoir to be raised has been passed by the Commonwealth and the States concerned. The generating station is being designed by the Victorian Electricity Commission and provides for two 25,000 kW turbo-generators. The station will be located in New South Wales and installed and operated by that State; tenders have been called by the New South Wales Department of Public Works for the turbo-generators. The project is expected to be completed by 1953; the output and annual costs will be shared by the New South Wales and Victorian Electricity Authorities.



Investigations in conjunction with the State Rivers and Water Supply Commission have shown that a hydro-electric development of 1,600 kW is practicable at the Cairn Curran Reservoir; the total capital cost will approximate £60,000 and about 3,400,000 kWh per annum would be generated.

An expenditure of £9,000 has been authorized for preliminary work at the Reservoir to provide for the future power station and outlet pipes.

The State Rivers and Water Supply Commission's irrigation programme also includes the enlargement of the Eildon and other projects, and the two Commissions have under consideration the practicability of installing additional generating plant as these developments proceed.

The waters at these storages are primarily for irrigation during the summer period when the demand for electricity is lowest; thus for that portion of the year when the demand is highest the storages would be filling, and there would be no regular output of electricity from the proposed stations.

The projects are, therefore, related to the saving of solid fuel. While fuel shortages continue, this aspect is of considerable importance to all States.

#### **SINGLE CONTROL OF POWER GENERATION AT NEWPORT.**

As reported last year, legislation authorizing the transfer of the Victorian Railways generation assets (Newport "A" Power Station) to Commission ownership was passed by Parliament on the 13th July, 1948 (*State Electricity Commission Act 1948*, No. 5272). Discussions between both Authorities regarding the transfer of assets and supply of electricity in bulk to the Victorian Railways Commissioners are at an advanced stage.

#### **ELECTRICITY GENERATION PROJECT BASED ON MILDURA.**

The principal electricity supply authority in this region is the Mildura City Council which supplies centres in the Mildura City and Shire and also sells in bulk to Wentworth, Gol Gol, and Bonnie Cliffs in New South Wales. The State Rivers and Water Supply Commission and the First Mildura Irrigation Trust have large power requirements for irrigation purposes and operate their own generating plants.

Following a conference of interested authorities in June, 1944, the Commission surveyed comprehensively the existing facilities and the future electricity supply requirements of the Mildura area. Arising from the conclusions of a further conference on the 7th October, 1947, the Commission, with the approval of the Government, agreed, in principle, to the acquisition of the Mildura City Council's electricity undertaking and the establishment under direct Commission control of a regional scheme centred on Mildura, subject to the project being financially self-supporting and the participation therein of the State Rivers and Water Supply Commission and the First Mildura Irrigation Trust.

During the year, agreement was reached as to the basis on which these two Authorities would receive supply from the new regional power station. The Government approved of a grant of £250,000, representing the sum it would have contributed had the State Rivers and Water Supply Commission and the First Mildura Irrigation Trust proceeded with extensions to their existing plants; irrigation projects will receive the full benefit from this grant.

The Commission is proceeding with its plans for the establishment of a regional power station, ultimately to replace all existing generating plants in the area, and negotiations are in progress with the Mildura City Council for the acquisition of its undertaking at a date approximating the completion of the new regional station.

### OFFICE AND WORKSHOP ACCOMMODATION—METROPOLITAN AREA.

The war has delayed the building of offices and workshops to meet the needs accompanying a normal development of the State system; moreover, the city office accommodation problem in recent years has been accentuated, particularly by the expansion of design and construction staffs required for the major power and fuel projects to which the State has set its hand.

A site with a frontage of 101 ft. to William-street, opposite the existing Head Office building, has been purchased for new office premises and an early commencement is to be made for the excavations, foundations, and construction to ground floor level—imported materials will be used. As soon as building conditions permit, a 13-storey structure will be erected. Meantime, staffs are being dispersed at considerable inconvenience at temporary locations—for a portion of these needs “Kellow House”, St. Kilda-road, Melbourne, has been purchased.

At Fishermen's Bend 40 acres have been acquired for the development of workshops and depots. The first stage of the automotive and plant workshops will be commenced at an early date.

Several other smaller premises, including a property purchased at Rooney-street, Burnley, extensions at Church-street, Richmond, and an additional temporary storey to the Head Office building are affording minor relief.

### COMMISSION PUBLICATION “THREE DECADES”.

The Commission marked the completion of its first thirty years of service to the State by publishing “Three Decades”—a record of its achievements in the provision and supply of electricity to the people of Victoria from the State's own resources of brown coal and water power.

The Honorable the Premier contributed a foreword to the book, which was prepared by Mr. E. A. Doyle in conjunction with Mr. Hermon Gill.

The Commission has been gratified by the very favorable reception this publication has received.

### CONNECTION OF NEW CONSUMERS.

The special measures taken to reduce the acute shortages of line construction materials are already referred to in this report. Despite such setbacks to the field work, 50,000 additional consumers have been connected during the last three years as compared with 35,000 for the three years prior to the war.

#### SUMMARY OF PROGRESS—50,000 CONSUMERS IN THREE YEARS.

Year Ended 30th June.	New Consumers Connected.			Farms Connected.
	Total.	Metropolitan Area.	Outside Metropolitan Area.	
1947 .. .. .	17,655	4,426 (25 per cent.)	13,229 (75 per cent.)	1,471
1948 .. .. .	15,972	5,657 (35 per cent.)	10,315 (65 per cent.)	1,340
<b>1949 .. .. .</b>	<b>16,877</b>	<b>6,104 (36 per cent.)</b>	<b>10,773 (64 per cent.)</b>	<b>1,238</b>
<b>Total for Three Years .. .. .</b>	<b>50,504</b>	<b>16,187 (32 per cent.)</b>	<b>34,317 (68 per cent.)</b>	<b>4,049</b>
Total for three years prior to war ..	35,199	17,917 (51 per cent.)	17,282 (49 per cent.)	2,397

In the last decade, despite the war and post-war difficulties, extra metropolitan consumers have almost doubled, while the number of farms connected has more than trebled. The extent of the Commission's country electrical development is evident from the following statistics and the further information in the “Ten Year Statistical Review” (Graphs Nos. 7 and 9) at the front of this report:—

Financial Year.	Total Consumers Served by Commission.	Extra-Metropolitan Consumers.	Farms Supplied.
1938-39 .. .. .	260,733	81,042	4,367
1943-44 .. .. .	300,465	102,364	7,467
<b>1948-49 .. .. .</b>	<b>372,135</b>	<b>153,741</b>	<b>14,419</b>

By far the greater proportion of current supplies of materials and equipment has been used in country districts, as shown by the following summary of line construction work for the twelve months ended 30th June, 1949 :—

			Metropolitan Area,		Outside Metropolitan Area.
Poles erected	..	..	1,915	..	8,236
High voltage lines erected	..	..	9·3 miles	..	266·3 miles
Low voltage lines erected	..	..	47·6 miles	..	253·7 miles
Substations erected	..	..	33	..	341

### **ELECTRICITY SUPPLY BOARD OF INQUIRY.**

The Governor in Council on 16th May, 1949, appointed an Electricity Supply Board of Inquiry to inquire into and report upon :—

1. The best means of making electricity supply available by an economical and expeditious method in all areas of Victoria, to all sections of the community.
2. The most suitable form of organization to effect this undertaking, with special but not restricted reference to rural districts :—
  - (a) served by the State Electricity Commission ;
  - (b) to be served by the State Electricity Commission ;
  - (c) unlikely to be served by the State Electricity Commission.

The personnel of the Board is Mr. B. S. Woodfull (Melbourne City Council Electricity Supply Department), Chairman, Mr. K. C. Fraser (New South Wales Electricity Supply Authority), and Mr. R. Liddelow (State Electricity Commission). The Board's investigations are proceeding.

### **ELECTRICITY SUPPLY TARIFFS.**

The upward trend of operating and capital costs has necessitated general increases in electricity supply tariffs, of about 9 per cent. The new tariff schedules are shown in Appendix No. 7.

Despite these increases the average cost per kilowatt-hour to consumers is to-day no higher than the average in 1939. This is in marked contrast to the upward trend in the cost of living (see Graph No. 6—Ten-Year Statistical Review in the front of this Report).

The tariff adjustments, which became effective on the 1st October, 1949, were formulated to ensure an increase in annual revenue of £850,000 and are to provide for the higher cost of fuel, wages, materials and freights. The increases in fuel and freight charges alone represent an additional operating expenditure of £740,000 per annum. and a considerably greater increase has been avoided only by the State's acceptance of liability for imported coal costs in excess of the New South Wales parity.

The Government decided, pending receipt of the report of the Electricity Supply Board of Inquiry on the question of rural electricity supply (see above), that for the time being it would subsidize rural consumers by recouping the Commission the difference between rural tariffs as scheduled and those existing prior to 1st October, 1949.

## MAJOR EXTENSIONS PROGRAMME.

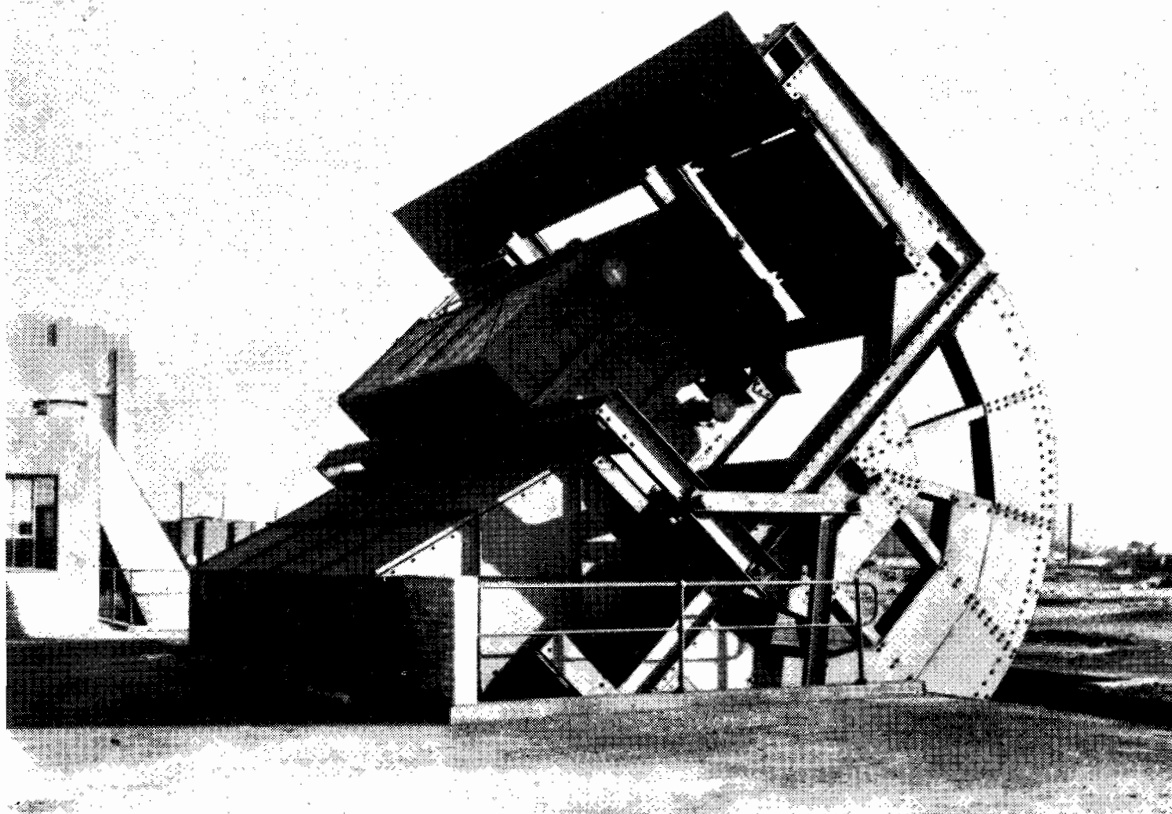
### Newport Power Station.

(Four 30,000 kW sets, Nos. 4, 5, 6 and 7).

As reported last year, Nos. 4 and 5 turbo-generators and associated boiler plant are in service. No. 6 turbo-generator was placed in service on the 8th November, 1948, but only one of the two associated boilers is complete—this was brought into operation on the 29th May, 1949. No. 7 turbo-generator and two further boilers are now being erected and are expected to be in operation for the winter of 1950. Erection of the remaining boiler has been commenced since the close of the year; the furnace has been arranged for complete oil firing.

Supplementary oil firing equipment has been installed in four of the boilers to enable raw brown coal to be used.

To meet the urgent need for additional coal handling facilities, two transporter grab cranes were obtained—both are now in service. Orders were placed for two electrically-operated truck tippers and associated conveyor plant.



ELECTRICALLY OPERATED TRUCK TIPPLER.

Two of these machines are on order for Newport Power Station to augment fuel handling plant.

### Kiewa Hydro-Electric Project.

(Installed capacity 289,000 kW).

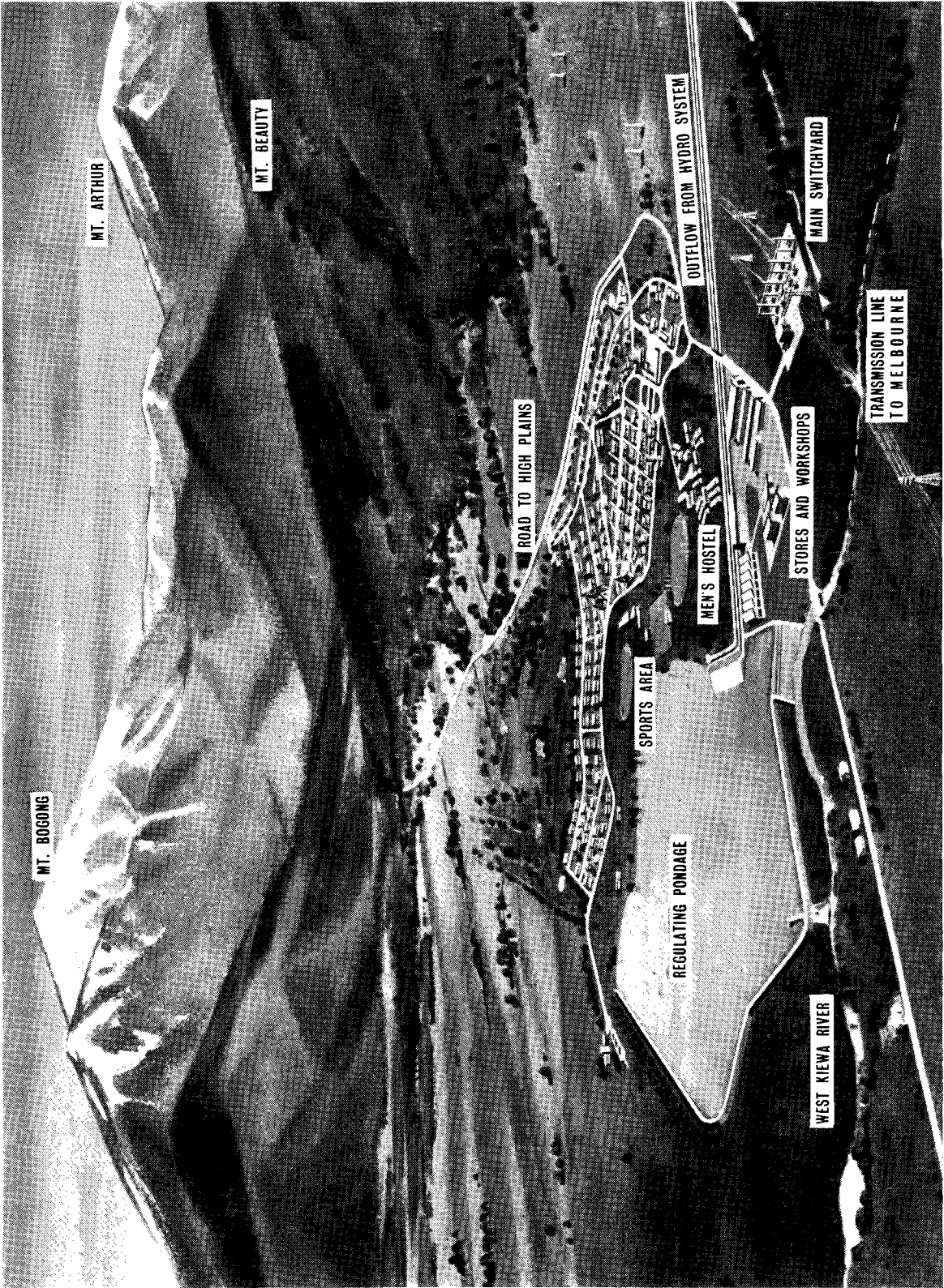
Construction was accelerated as additional personnel became available; the number increased from 1,266 to 2,117. No great difficulty was experienced in obtaining labour other than building tradesmen, fitters and diesel mechanics; but the shortage of building tradesmen resulted in a limitation of accommodation and consequently, at certain periods, the number that could be employed.

*No. 1 Development (Upper Development) Ultimate Capacity 73,000 kW.*—The drawings for the earth and rock filled dam at Rocky Valley have been completed and excavation of foundations continued during the summer months; 38 per cent. of the total excavation was completed. The diversion and spillway tunnels were advanced to 50 per cent. and 11 per cent. respectively of their total lengths.

The design of the multiple-arch reinforced concrete dam at Pretty Valley has continued throughout the year and site works for cableway and tracks were commenced.

Access roads and accommodation areas are well advanced.

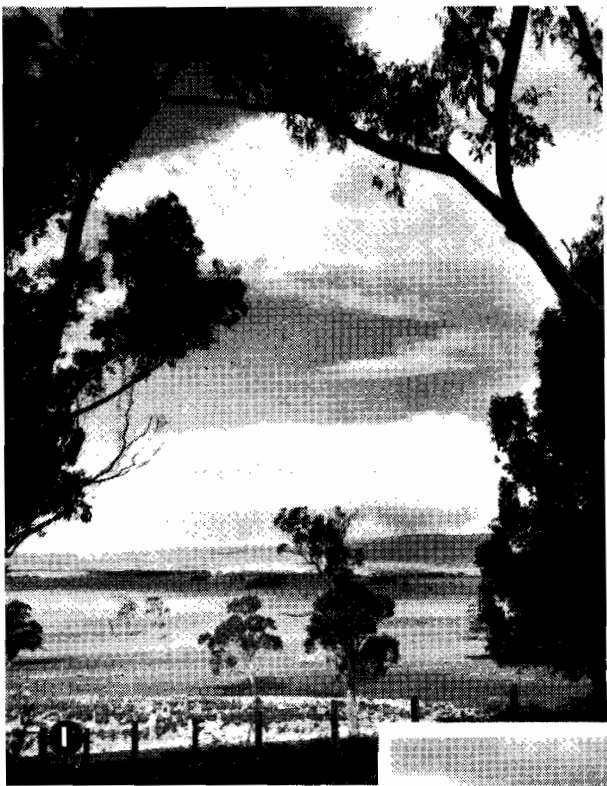
*No. 3 Development (Bogong) Installed Capacity 26,000 kW.*—This development as originally planned was completed early in 1945. To supply additional water the Bogong Creek race line is being developed—the bench has been prepared for 24 per cent. of its total length and the race line excavation commenced.



MT. BEAUTY, KIEWA HYDRO-ELECTRIC PROJECT.  
Artist's impression of township and base depot.



## MORWELL BRIQUETTING PROJECT

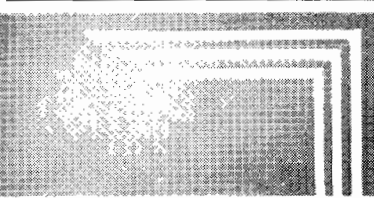


1 AREA OF OPEN CUT PRIOR TO DEVELOPMENT

2 EARLY REMOVAL OF OVERBURDEN AT NEW OPEN CUT

3 MAIN DRAIN FOR THE PROTECTION OF THE OPEN CUT AND WORKS AREA

4 ARCHITECT'S DRAWING SHOWING PROJECTED DEVELOPMENT OF AREA, OPEN CUT AND BRIQUETTE FACTORIES, (IN THE BACKGROUND) WORKSHOPS, ADMINISTRATIVE OFFICES AND HOSTELS. (IN THE FOREGROUND)

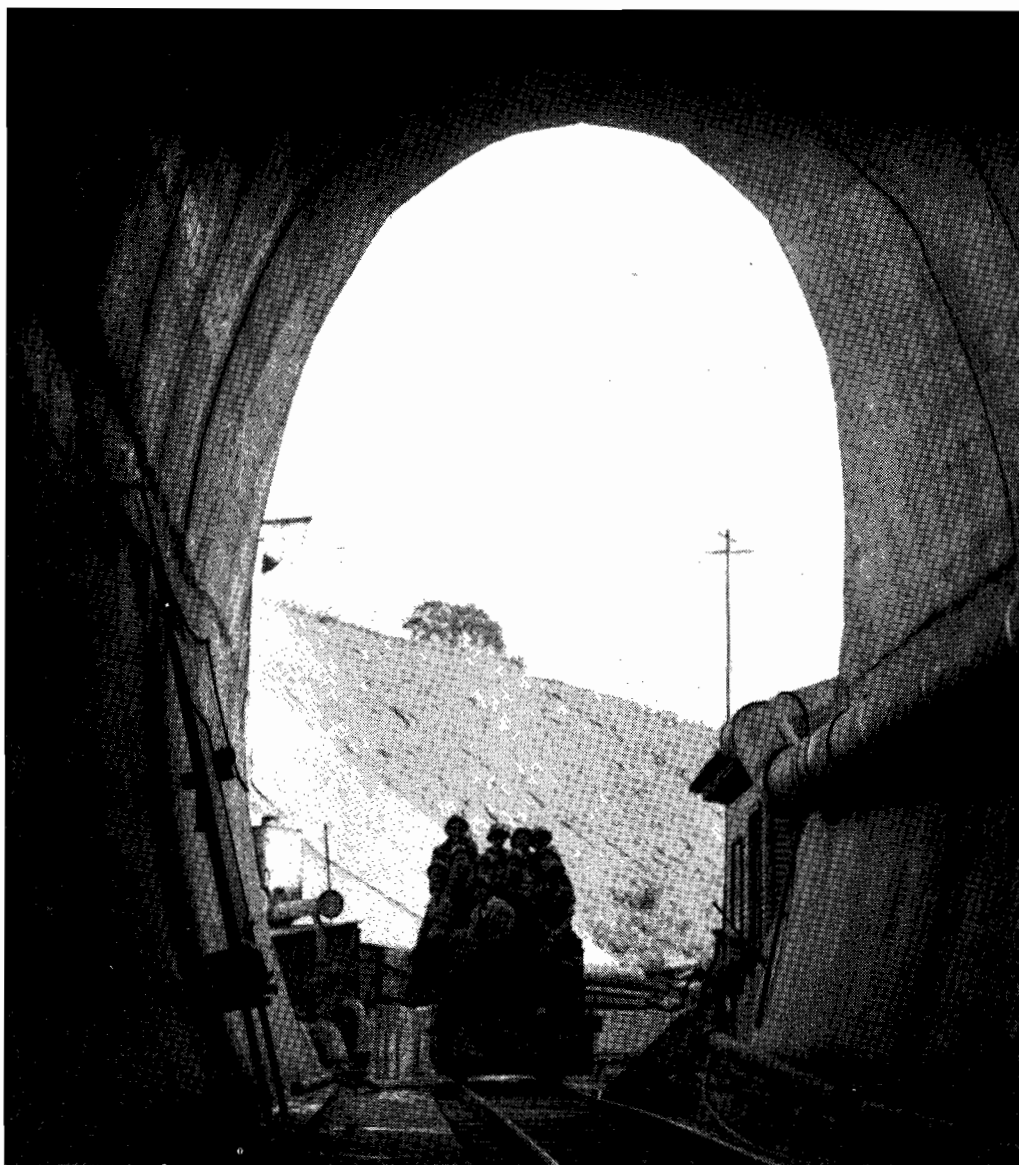


*No. 4 Development—Ultimate Capacity 60,000 kW.*—The headrace tunnel has been excavated to 3,675 feet—30 per cent. of its total length and the tailrace tunnel for 595 feet—10 per cent. of its total length. Progress on the latter tunnel was retarded considerably by the nature of the rock encountered, necessitating additional concrete lining and timber supports.

The lift shaft to give access to the underground generating station was advanced to 417 feet—90 per cent. of the total depth (450 feet)—to a point where preparations are being made for the excavation of the power station chamber.

The foundations for Clover Dam are being excavated.

Delivery of the first three 15,000 kW turbo-generators now being manufactured in Great Britain will commence shortly and continue progressively in time for this development to be in operation by 1952. The fourth set is expected by 1953.



OUTLET OF TAILRACE TUNNEL, MT. BEAUTY, KIEWA HYDRO-ELECTRIC PROJECT.  
(Height 20 feet, Width, 16 feet.)

*No. 5 Development—Ultimate Capacity 32,000 kW.*—Accommodation buildings and the access road to the pondage area were completed; excavation plant is being erected and the pondage area is being cleared. Benches for the power station access adit and railhead are well advanced and the raceline bench has been commenced.

*Mt. Beauty Township and Base Depot.*—The new office block was occupied on the 26th April, 1949. Occupation of the new base workshops was commenced in October, 1948. Hostels are being developed and at the 30th June there was accommodation for 688 single personnel at Mt. Beauty; in addition, 130 houses are occupied and 77 are in course of erection.

Roads, water, sewerage and electrical reticulation are being extended as required by the housing programme.

Auxiliary workshops, stores and hostels for single men are provided at several locations adjacent to the other developments of the project. A railhead stores depot is being erected at Bandiana.

### **Yallourn Power Station.**

**(Approved development Four 50,000 kW sets.)**

Two 50,000 kW generators and six 200,000 lb. per hour boilers for the first stage (Yallourn 'C') were ordered in May and June, 1947, and delivery of boiler components has commenced. Ultimately these sets are to replace six 12,500 kW turbo-generators in 'A' Station. During the year contracts were let for boiler and turbine houses and site preparations are now in progress. Coal and ash handling plants are being designed, including a new system of conveyor lines for coal from the open cut as an alternative to the present steep haulage.

Other construction works, including water filtration plant, circulating water conduits, pump pits and inlet screens are in progress.

### **Morwell Briquette Project.**

**(Approved capacity—1,300,000 tons briquettes per annum.)**

A technical mission, under the leadership of the Chief Engineer, Mr. E. Bate, M.C., B.Sc., Whit. Schol., A.M.I.E. Aust., visited Great Britain and the Continent to negotiate the purchase of plant and buildings for this project. The main purpose of the mission was to place orders at favourable delivery periods so as to advance the date of the completion of the project. Orders totalling nearly £9,000,000 have been placed since the 30th June, for the purchase of two complete briquette factories from Germany, boilers and turbo-generators from England; also other important items of plant, including locomotives, coal and overburden trucks, and an electric dump plough.

The opening up of the Morwell open cut was commenced by contractors on the 11th April, 1949; at the close of the year 43,500 cubic yards of overburden had been removed. On the same date, the Commission commenced the excavation of the main cut-off drain.

Overburden and coal dredgers are being manufactured in Australia; work was interrupted by the coal strike, but every effort is being made to assist the contractor to complete manufacture and erection by the required dates.

The new Morwell reservoir under construction by the Commission is nearing completion. The design of a pipeline from the Tyers River is proceeding. The pipeline will provide water for the open cut services, briquette factories and accommodation areas; also it will be available to supplement the town supply.

Construction of the Ridge Hostel for single men is in progress and the first section to accommodate 500 should be completed early in 1950.

### **Richmond Power Station.**

**(One 38,000 kW set.)**

Because of unavoidable delays in the installation of additional generating plant at Kiewa and Yallourn an order was placed in June, 1949, for a 38,000 kW turbo-generator and two 75 tons per hour oil fired boilers to be installed at the Richmond Power Station by the winter of 1951.

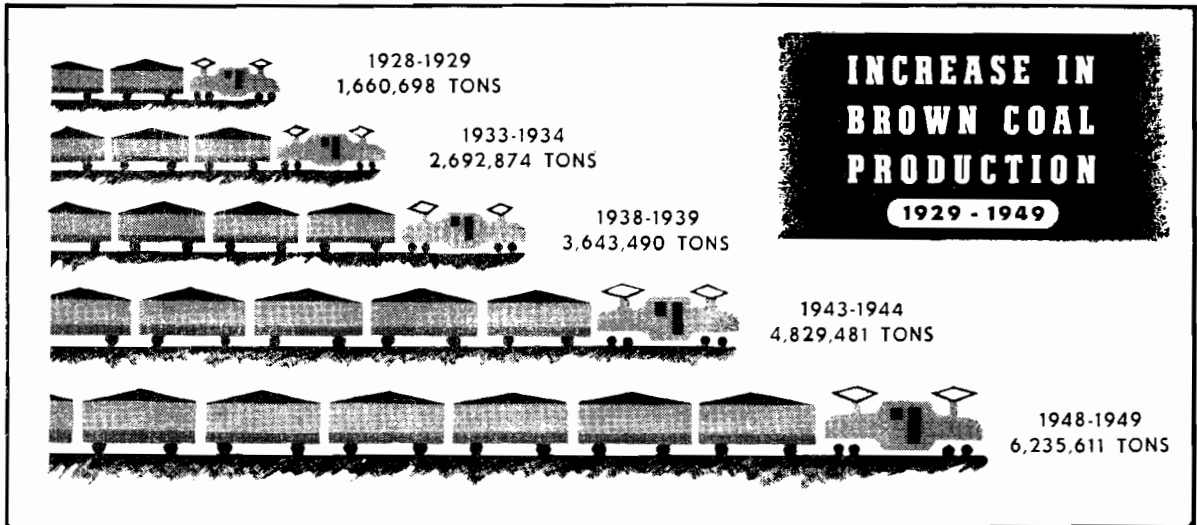
### **Main Transmission and Distribution.**

Considerable progress has been made with the clearing of the easement and construction of the patrol road for the Kiewa-Melbourne 220 kV transmission line. To avoid delays with the contract for transmission line towers a substantial proportion of the steel required has been ordered overseas; also an order has been placed overseas for 100 fabricated towers.

A new main substation at Oakleigh ("O") was completed during the year and those at Prahran ("PR") and Fairfield ("FF") are well advanced.

**COAL PRODUCTION.**  
**YALLOURN OPEN CUT.**

							Tons.
1928-29	..	..	..	..	..	..	1,660,698
1933-34	..	..	..	..	..	..	2,692,874
1938-39	..	..	..	..	..	..	3,643,490
1943-44	..	..	..	..	..	..	4,829,481
1948-49	..	..	..	..	..	..	6,235,611



*Coal Winning.*—The year's operations brought the total coal excavated since the commencement of operations to 82·81 million tons. Of the coal won during the year, 4,035,435 tons were delivered to the Yallourn generating station and 2,200,176 tons to the briquette factory. The highest daily output for the year (21,890 tons) was produced on the 23rd June, 1949.

*Overburden Removal.*—1,617,309 cubic yards of overburden were removed as compared with 2,057,000 cubic yards during the previous year bringing the total removed at the 30th June, 1949, to 30·74 million cubic yards. This decrease was due to the overburden dredger being out of service for major overhaul for 3½ months and the spreader for three months.

The area of the Open Cut has increased from 570 to 595 acres at grass level and from 490 to 520 acres at the surface of the coal.

*Plant.*—Two dredgers were ordered from Germany in November, 1946, and June, 1947, respectively. Mechanical parts for the coal dredger were delivered during the year and its erection has commenced; those for the overburden dredger have been shipped.



TYPE OF BUCKET WHEEL COAL DREDGER OBTAINED RECENTLY FROM GERMANY AND BEING  
ERECTED AT YALLOURN OPEN CUT.

(Excavating Height—60 feet ; output—500 tons per hour.)



The overburden spreader was seriously damaged during a storm on the 6th September, 1948; the machine was returned to service on an improvised basis in December. A new spreader has been ordered from Germany.

A trackshifter was obtained from Germany and placed in service during June. There is on order from Australian manufacturers four electric locomotives, eighteen overburden trucks and thirty coal trucks, but progress has been disappointing, lack of steel causing delay.

#### YALLOURN NORTH OPEN CUT.

471,873 tons of coal were produced during the year for power generation at Newport and important industries, making a total of 2,409,229 tons produced since the Commission commenced operations at this cut in 1924.

With the co-operation of the Country Roads Board it has been possible to increase annual production at this cut tenfold in three years.

#### POWER PRODUCTION.

The State generating system comprises interconnected generating stations at Yallourn, Melbourne (Newport, Richmond, and Spencer-street, City), Kiewa, Sugarloaf-Rubicon, Geelong and Ballarat. The Commission also operates a regional station at Hamilton.

Terminal Stations are located at Richmond, Yarraville, Brunswick, Thomastown, East Malvern, Rubicon "A", Ballarat and Geelong. The transmission system includes the lines from the inter-connected generating 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.

Under emergency conditions, frequency changers are used for supply to and from the Victorian Railways system (25 cycle), the maximum capacity being 22,000 kW.

The installed capacity of generating plant at the 30th June, 1949, was as follows :—

#### State Generating System.

<i>Thermal Stations—</i>					<i>kW</i>
Yallourn (including Briquette Factory)					.. 183,000
Melbourne—					
Newport	..	..	..	..	168,000
Spencer-street	..	..	..	..	43,650
Richmond	..	..	..	..	15,000
Geelong	..	..	..	..	10,500
Ballarat	..	..	..	..	5,900
<i>Hydro Stations—</i>					
Sugarloaf-Rubicon	..	..	..	..	26,415
Kiewa (1st stage)	..	..	..	..	26,000
Total	..	..	..	..	478,465

Notes :—

1. At Newport and Spencer-street stations, generators could not be used to full capacity because of limitations on boiler capacity.
2. The Commission also operates a thermal station at Hamilton (installed capacity 1,837 kW) which is not connected to the State system.

Details of the loading (a) on generating stations throughout the State and (b) on Commission's generating stations are given in Appendix No. 11.



## LOADING ON COMMISSION'S GENERATING STATIONS.

Generating Stations.	Maximum Demand (kW).		kWh Generated (Millions).	
	1948-49.	1947-48.	1948-49.	1947-48.
<i>Thermal Stations—</i>				
Yallourn (including Briquette Factory) ..	194,000	195,500	1,291·6	1,223·9
Melbourne—				
Newport .. .. .	138,000	134,000	513·6	299·0
Spencer-street .. .. .	35,220	34,500	77·0	66·3
Richmond .. .. .	15,600	15,400	26·1	29·6
Geelong .. .. .	11,800	11,750	32·9	33·1
Ballarat .. .. .	5,850	5,650	18·8	18·8
Hamilton—not connected to State system ..	1,290	1,140	4·5	3·6
<i>Hydro Stations—</i>				
Sugarloaf-Rubicon .. .. .	25,550	25,850	139·1	161·8
Kiewa .. .. .	28,000	26,400	44·4	68·3
	Maximum Coincident Demand.		Total.	
	436,930	449,500	2,148·0	1,904·4

The increased requirements were met principally by the Newport generating station. The load factor of the Yallourn station was 76·6 per cent. and the output the highest yet recorded. Unfavourable climatic conditions reduced the output of hydro-electric stations.

## BRIQUETTE PRODUCTION AND DISTRIBUTION.

							Tons.
1928-29 .. .. .	..	..	..	..	..	..	141,064
1933-34 .. .. .	..	..	..	..	..	..	323,613
1938-39 .. .. .	..	..	..	..	..	..	399,924
1943-44 .. .. .	..	..	..	..	..	..	416,715
<b>1948-49 .. .. .</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>558,899</b>

Production was 13,663 tons higher than last year and is the highest yet achieved. By-product electricity amounted to 101·7 million kWh, of which 69·8 million kWh were delivered to the State supply system, the remainder being used at the factory.

Electro-filter equipment has been ordered for remodelling factory "A" drier stacks; the existing brick stacks are to be replaced by steel flues.

An electric twin press (No. 18) was installed in "C" factory.

*Distribution.—*

<b>Sales</b> (excluding Commission generating Stations— 375,166 tons) .. .. .	208,197 tons
<b>Revenue</b> .. .. .	£300,277
<b>Expenditure</b> .. .. .	£310,817
<b>Loss</b> .. .. .	£10,540

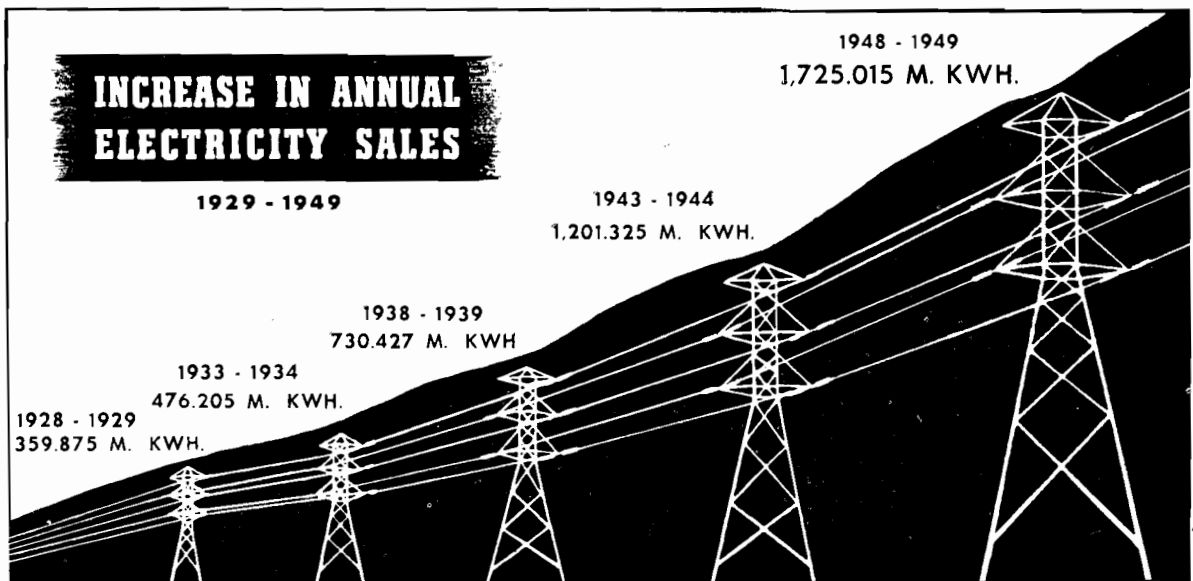
Loss on operations (£10,540) is lower than the previous year (£18,091). The Victorian State Coal Committee continues to allocate output between the Commission's generating stations and industrial users. There is still no prospect of early resumption of domestic sales.

**ELECTRICITY SUPPLY.****ANALYSIS OF DEVELOPMENT.**

Electricity sold to all consumers, including bulk supplies, increased by 204 million kWh or 13·4 per cent. as compared with 177 million kWh or 13·2 per cent. (1947-48) and 70 million kWh or 5·5 per cent. (1946-47). There has been a general expansion of all classes of consumption notwithstanding more severe electricity restrictions this year.

**ANNUAL ELECTRICITY SALES.**

						kWh (Millions).
1928-29	..	..	..	..	..	359·875
1933-34	..	..	..	..	..	476·205
1938-39	..	..	..	..	..	730·427
1943-44	..	..	..	..	..	1,201·325
1948-49	..	..	..	..	..	1,725·015



*Domestic.*—The increase in the average consumption per domestic consumer was 219 kWh—by far the largest increment yet recorded. Statistics for the last five years are as follows :—

Year.						Average Consumption per Domestic Consumer. kWh	Increment. kWh
1944-45	..	..	..	..	..	838	45
1945-46	..	..	..	..	..	928	90
1946-47	..	..	..	..	..	1,015	87
1947-48	..	..	..	..	..	1,151	136
1948-49	..	..	..	..	..	1,370	219

Total domestic sales increased by 24·7 per cent. due to additional consumers (14,520) and additional use of appliances, particularly hot water services. Unfortunately the very heavy and unexpectedly rapid development in this latter field has made it necessary for the Commission to limit, for the next few years, the number of new hot water services connected to the System.

*Commercial.*—Consumption increased by 11·2 per cent. over last year. Electrical equipment for commercial uses is now more freely available ; in addition, there have been substantial installations of modern lighting systems.

*Industrial.*—The upward trend of the last three years has continued ; the increase for this year was 10·9 per cent. Industrial sales in extra-metropolitan areas increased by 17·9 per cent. as compared with 6·4 per cent. in the metropolitan area. An additional 24,469 h.p. of motors was connected during the year.

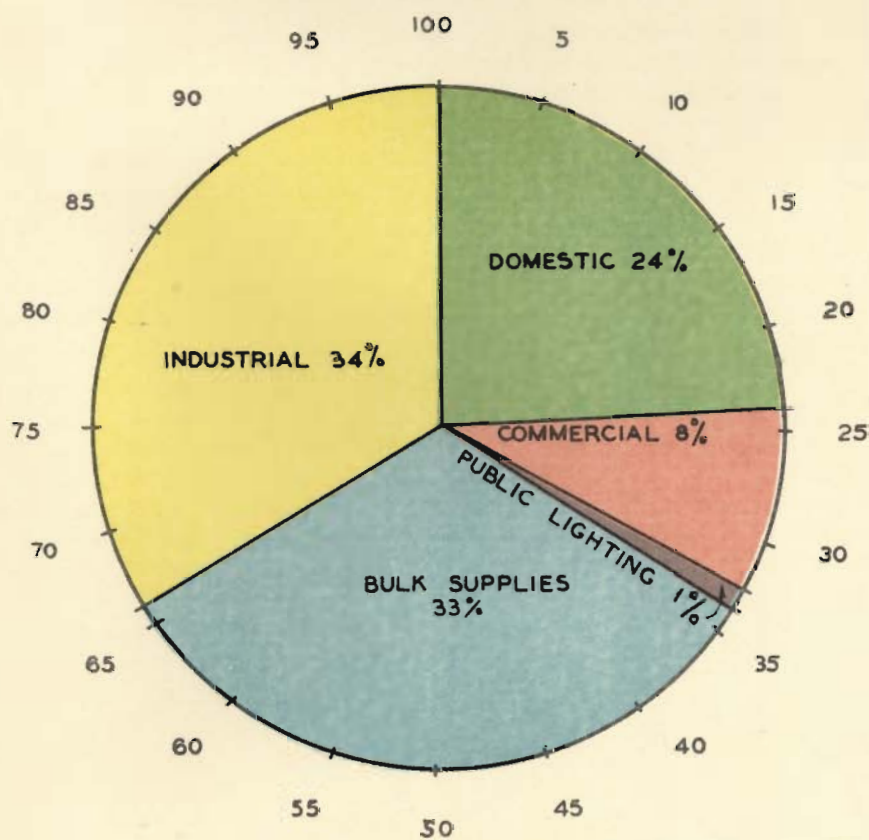
# ELECTRICITY SALES AND REVENUE

## SUBDIVISIONS ACCORDING TO CLASSES OF CONSUMERS

YEAR ENDED 30 TH JUNE 1949

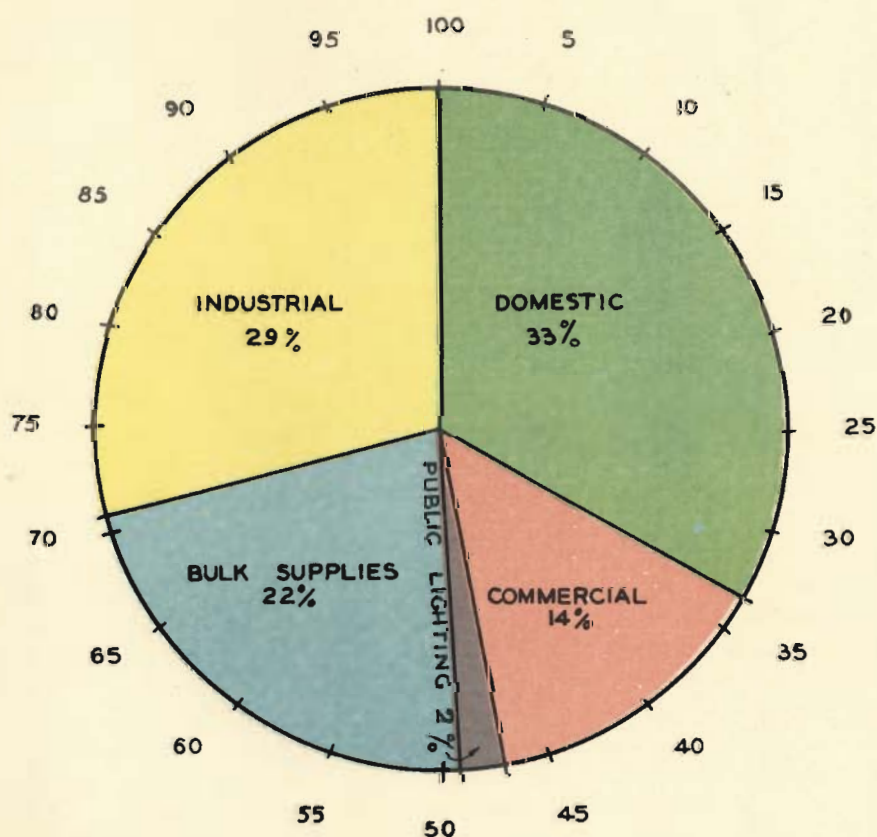
### SALES

TOTAL 1725.0 MILLION KWHS



### REVENUE

TOTAL £8,129,973



*Mining.*—Because of rising production costs and the fixed price of gold, there was a decrease of 12·7 per cent. in the electricity requirements of this industry. The number of mines on supply was 47, an increase of 2 during the year.

*Rural.*—Reference is made earlier in this report to the progress of rural development. The use of electricity for farming operations increased by 19 per cent. as a result of the number of new farms connected and the increasing application of electrical methods.

*Public Lighting.*—Consumption increased by 2·8 per cent., mainly as a result of additional lamps connected.

The special advisory services available to consumers have been used with continued appreciation. Guidance has been given concerning the design of installations for new dwellings, large lighting installations, and the use of electricity in manufacturing processes. Research by the Commission's Rural Service Section in conjunction with the appropriate authorities has been responsible for advances in the application of electricity in such fields as dairying, poultry farming, electro-horticulture, and farm water supplies, particular attention being given to hay curing and electric ploughing.

#### COMMISSION'S ELECTRICITY SUPPLY UNDERTAKINGS FOR LOCAL DISTRIBUTION.

The following summary of statistical data relating to the Commission's Electricity Supply Undertakings for local distribution (excluding Bulk Supply areas) is compiled from information contained in this report :—

**Revenue** increased by £1,176,879 (22·8 per cent.) to £6,337,753.

**Sales of Electricity** increased by 147,002,565 kWh (14·5 per cent.) to 1,161,719,523 kWh.

**Consumers** increased by 16,877 (4·8 per cent.) to 372,135.

Branch.	Area of Supply (Square Miles).	Number of Consumers.	Electricity Sold kWh (Millions).	Constructed this Year.				Number of Farms Supplied.
				Substations.		Distribution Lines.		
				Number.	Capacity kVA.	H.V. Route Miles.	L.V. Route Miles.	
Metropolitan .. .. .	250·4	218,394	762·744	33	12,555	9·3	47·6	1,236*
Ballarat .. .. .	225·4	15,243	35·805	28	875	16·4	27·7	494
Bendigo .. .. .	217·3	11,276	22·728	17	1,475	68·5	7·7	355
Geelong .. .. .	162·9	17,670	54·938	8	4,360	1·5	6·2	510
Eastern Metropolitan .. .. .	670·7	34,171	77·081	38	6,100	29·4	46·9	2,618
Gippsland (including Yallourn) .. .. .	1,198·2	24,400	72·281	36	2,510	40·0	77·8	3,679
Midland .. .. .	544·0	9,976	19·760	11	265	10·7	13·0	720
North-Eastern .. .. .	1,739·1	23,526	77·726	85	2,260	44·4	47·0	2,539
South-Western .. .. .	996·8	17,479	38·657	88	6,430	55·4	27·4	2,268
Total .. .. .	6,004·8	372,135	1,161·720	374	36,830	275·6	301·3	14,419

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

#### BRANCH TRANSMISSION AND DISTRIBUTION.

Because of shortages of materials conversion of the metropolitan system of supply from single-phase to standard three-phase was again restricted to the immediately essential work ; only one substation was converted during the year.

Reconstruction of the South Western main transmission line (Geelong-Warrnambool) for 66 kV was completed last year as far as Terang ; the last section (Terang-Warrnambool) is in progress.

The Yallourn to Warragul 66 kV line constructed last year is still operating at 22 kV because of the shortage of transformers; the reconstruction of the Yallourn to Leongatha line for 66 kV is almost complete but its operation at the higher voltage is being delayed also by shortages of substation equipment. The erection of a 66 kV line from Mentone to Mornington was commenced.

In the year under review, the following principal country extensions were completed or were nearing completion at 30th June, 1949:—

*Ballarat Branch—*

Windermere–Burrumbeet; Warrenheip–Dunnstown–Navigator; Napoleons–Cambrian Hill.

*Bendigo Branch—*

Dingee to Calivil rural area.

*Eastern Metropolitan Branch—*

Main Ridge; Yarra Junction; Wesburn; Millgrove; Baxter.

*Gippsland Branch—*

Bull Swamp; Morwell Housing Estate; Moe Housing Estate.

*North-Eastern Branch—*

Buffalo River; Gundowring–Dederang; Moyhu.

*South-Western Branch—*

Mepunga; Timboon.

#### ACQUISITION OF SUPPLY UNDERTAKINGS.

The Broadford undertaking was acquired from the Shire of Broadford on 31st August, 1948.

#### TRAMWAYS—BALLARAT, BENDIGO, AND GEELONG.

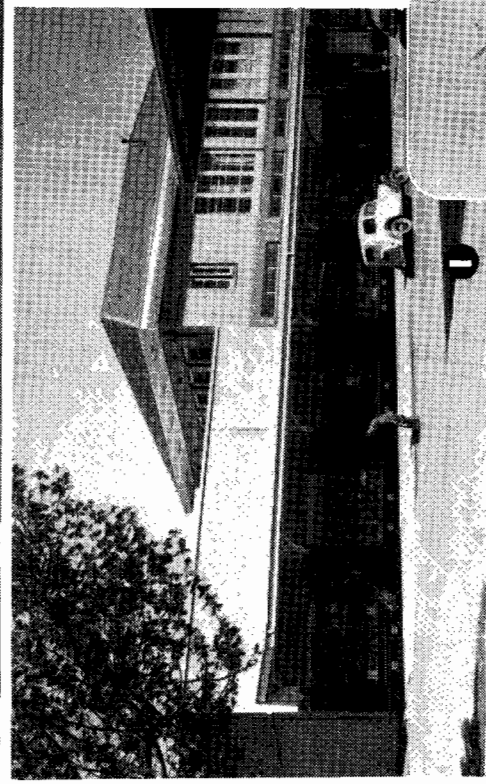
A loss of £108,441 was sustained in the operation of the three tramway systems, as compared with £78,722 last year—losses at Ballarat, Bendigo, and Geelong were £29,086, £40,431 and £38,924 respectively. On 30th August, 1949, the Governor in Council approved higher fares for the three systems. These operate from 15th September, 1949, and are expected to increase revenue by £49,600 per year and so reduce the losses on these three systems now borne by the Commission's electricity consumers.

Total revenue was £147,797, an increase of £3,919 (2·7 per cent.). The number of passengers carried—16,341,546 increased by 488,604 (3·1 per cent.). Total expenditure of £256,238 increased by £33,638 (15·1 per cent.) as a result of the general upward trend in wages and materials.

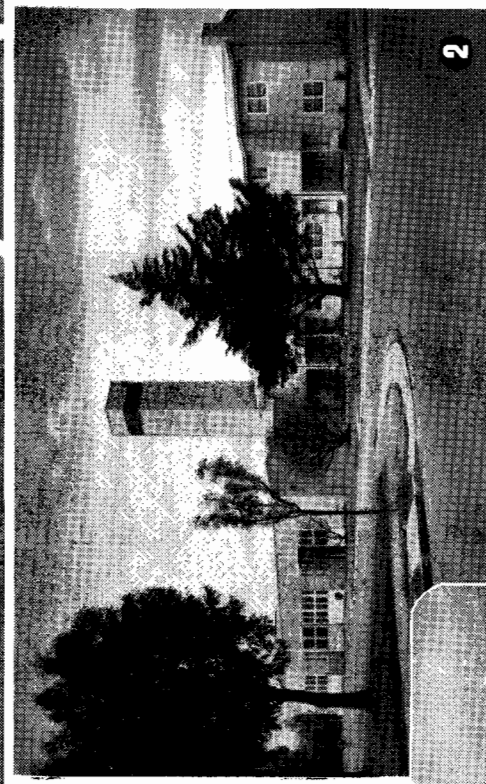
At the request of the Government, Mr. H. H. Bell, Jnr., of the Melbourne and Metropolitan Tramways Board, has reported on the transport services of Ballarat, Bendigo, and Geelong. Mr. Bell's recommendations include the control of Provincial City street transport—whether trams or buses—by a single Authority and for the tramway systems to be ultimately supplanted by diesel omnibuses at Geelong and trolley buses at Ballarat and Bendigo.



# PUBLIC BUILDINGS AT YALLOURN



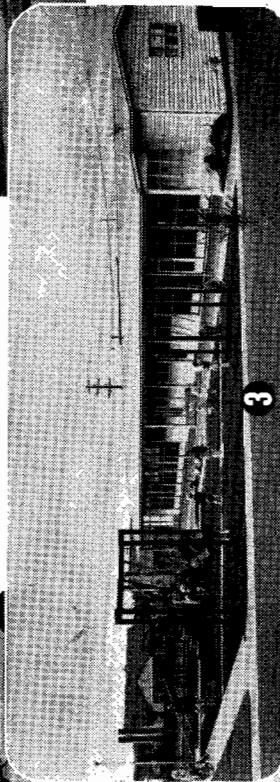
1 FIVE SHOPS FOR PRIVATE TRADERS



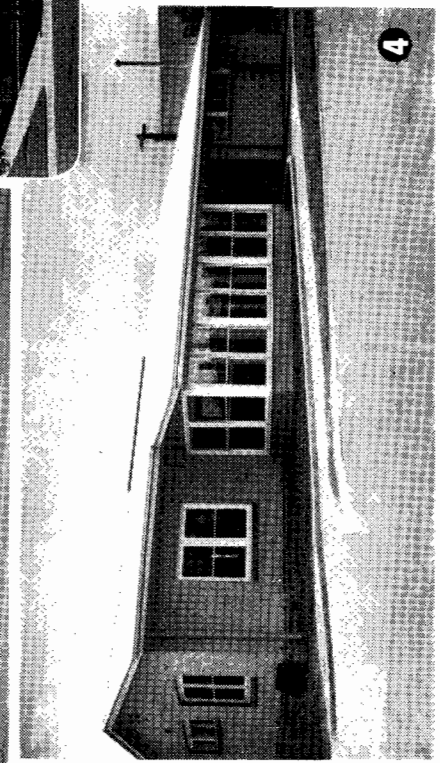
2

2 FIRE STATION WITH RESIDENTIAL QUARTERS

3 PRE-SCHOOL CENTRE



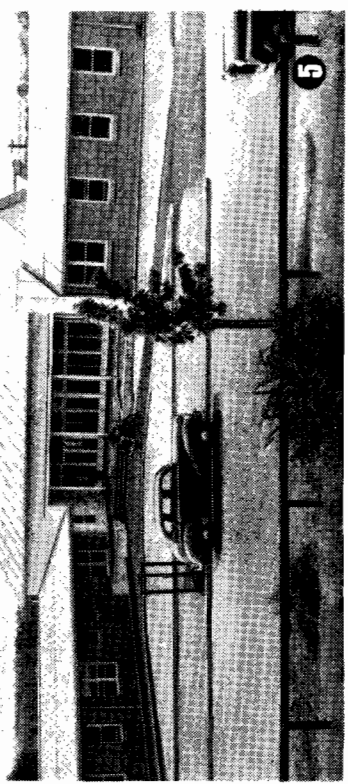
3



4

4 INFANT WELFARE CENTRE

5 SECTION OF FAIRFIELD GUEST HOUSE



5

### YALLOURN TERRITORY.

*Population.*—6,546, of whom 4,351 are resident in the Town of Yallourn.

*Housing.*—As mentioned in previous reports, the Town has reached its maximum development; 26 residences were completed during the year, bringing the total to 1,015.

At Moe, contracts have been let by the Housing Commission, Victoria for 436 houses, 342 of which have been completed. At 30th June, 1949, 253 of these houses were occupied by Yallourn employees, but the housing problem is still most acute. Apart from the Morwell Project, more than 1,000 homes are required urgently for Yallourn personnel, including those being employed on large-scale extensions to the Yallourn Generating Station.

As a supplementary measure to the Housing Commission programme, this Commission is to build 200 houses at Yallourn North and, at Newborough, it will erect 300 prefabricated houses now on order from Great Britain.

Adjacent to the Western Hostel, an additional 19 temporary houses have been erected for contractors' employees.

*Hostels and Accommodation for Single Men.*—Much progress has been made in providing accommodation for single men. At the Western Hostel, 632 men are housed, 670 at Yallourn North and 257 at the new Eastern Hostel. When fully developed these Hostels will cater for more than 2,600 men.

The second guest house at Yallourn (Fairfield House) to accommodate 60 was completed during the year.

*Sewerage of the Town.*—The construction of reticulation sewers is proceeding as rapidly as resources will permit; at the 30th June, 90 houses and 18 public buildings had been connected.

*Hospital and Medical Services.*—These are administered by the Yallourn Medical and Hospital Society, financed by regular contributions from all employees living on the Yallourn Works Area. The hospital accommodates 44 (emergency capacity 50) and the daily average number of occupied beds was 35, compared with 34 last year.

*Shopping Facilities.*—Earlier reports have referred to the project to erect shops for private traders in the area between Broadway, Centreway and Green streets. The first section comprising five shops was completed last year, and the second section is nearing completion; leases were completed to enable their occupation as soon as possible—this should be before the end of 1949.

Five shops, including a cafe, are in course of erection in North End-road, adjacent to the Western Hostel.

*Infant Welfare Centre.*—This project, although delayed by building difficulties, has been opened since the close of the year.

*Civic Hall.*—The erection of the temporary Public Hall has had to be suspended because of shortage of building facilities.

*Yallourn Hotel.*—To meet the urgent need for additional bar accommodation, a temporary structure is in the course of erection.

*Yallourn Town Advisory Council.*—At the November, 1948, election, Mr. W. J. Wallace was elected as a member of the Council for three years, replacing Mr. R. Hamilton.

### MOE-YALLOURN RAILWAY.

Reference was made last year to the decision to construct a branch railway from Moe to Yallourn to replace the present link from Herne's Oak, and the provision of additional marshalling yards at Yallourn; these measures are necessary as a result of the substantial increase in the output of brown coal from the Yallourn North Open Cut and the fact that the Yallourn Open Cut will encroach on the existing link by approximately 1954.

Following agreement between the Victorian Railways and the Commission on the location of the Moe-Yallourn line, the Public Works Committee of Parliament recommended that the above project be proceeded with as an urgent measure. Enabling legislation was passed by Parliament on the 21st December, 1948 (*Moe to Yallourn Railway Construction Act 1948*, No. 5352). Clearing and construction works are in progress.

### PUBLIC SAFETY AND OTHER REGULATORY RESPONSIBILITIES.

*Electric Light and Power Act 1928.*—At the close of the financial year, 37 municipal councils and 20 companies or persons were operating local electricity supply undertakings under the provisions of this Act.

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

#### (a) AUTHORISING SUPPLY OF ELECTRICITY.—

Order No.	Undertakers.	Area of Supply.
261	Gunbower Co-operative Butter Factory and Trading Co. Ltd.	Township of Cohuna (Renewal)
262	Ararat Town Council .. .. .	Township of Great Western and along Highway between Ararat and Great Western
263	Swan Hill Shire Council .. .. .	Township of Robinvale

#### (b) REVOKING ORDERS IN COUNCIL.—

Order No.	Undertakers.	Area of Supply.	Reason for Revocation.
184	Broadford Shire Council ..	Township of Broadford	Undertaking transferred to State ownership 31st August, 1948
219	Corindhap Hydraulic Gold Sluicing Co.	Company's site ..	Undertaking abandoned

Inspections were made of 40 electricity supply undertakings in addition to newly installed generating plant and high tension systems; complaints of unsatisfactory service were also investigated.

Electricity supply authorities which have adopted the multiple-earthed neutral system of protection were granted further extensions of time, because of inability to procure labour and materials for completion of the work.

Extensions (totalling 16,507 kW) to generating plants at Melbourne (Spencer-street) (15,000 kW), Beaufort, Dimboola, Goroke, Hopetoun, Murrayville, Pyramid Hill, Rushworth, St. Arnaud, Swan Hill and Walwa were approved. Approval was also given to the conversion of the systems of supply at Dimboola, Minyip, Murtoa, Rupanyup and Hopetoun from direct current to alternating current, and the augmentation of the system at Rushworth.

*Licensing of Electric Mechanics.*—Licences in force at 30th June, 1949 :—Grade “A” 2,814; Grade “B1” 130; Grade “B” 802; Grade “C” 841. The total of licences in force is 60 per cent. greater than in 1939.

Two licensing examinations (each including theory and practice) were held.

Special conditional permits were issued :—1,066 for periods not exceeding six months and 539 for periods not exceeding twelve months.

*Registration of Electrical Contractors.*—At 30th June, 1949, 863 registrations were in force, 53 more than last year, and 45 per cent. more than in 1939.

*Electrical Approvals Board.*—Under the Board's constitution, two of its members retire each year. This year Mr. E. B. Foster and Mr. A. J. Wilkins, representing the interests of wholesale electrical traders and electrical contractors respectively, were re-appointed for a further three years.

Since the close of the year, Mr. J. A. Carmody, Electrical Engineer, City of Footscray, and representative of the Electrical Undertakers, has died. The Commission records its sincere regret at his passing and its appreciation of his services as a member of the Board for nine years, and to the electricity supply industry generally.

*Electrolysis Mitigation.*—The Technical Sub-Committee has continued its work of investigating conditions and instituting remedial measures. A decrease of 6 per cent. in faults over the previous year was recorded as a result of the more extensive protection systems installed.

## PERSONNEL.

*Education and Training.*—For the year under review, 116 Commission trainees were engaged on full-time studies at the University or Technical Colleges; of these 97 were operating under the special plan for rehabilitation of Commission ex-servicemen under which Commonwealth facilities are supplemented by the Commission; also 219 trainees were pursuing part-time courses having been granted leave without loss of pay. During the year a scheme was introduced for the reimbursement of examination and tuition fees for minors undertaking courses of study approved by the Commission—127 were enrolled.

Within the Commission, 11 graduates, 55 cadets, and 125 engineering assistants are receiving special training; 251 men completed the course at the Training School for Linesmen; there are 304 apprentices principally in the engineering trades and 134 trainee tradesmen employed under the Commonwealth Rehabilitation Scheme.

Personnel engaged in all these schemes generally have made excellent progress.

*Scholarships.*—During the year the Commission awarded two scholarships for University courses in Engineering and four scholarships for Technical School Diploma courses.

*Welfare and Amenities.*—As reported elsewhere, the new Eastern Hostel, Yallourn, providing high standard accommodation for single men, was opened during March. New recreation buildings were erected at Rubicon and Kiewa (Howman Dam Hostel and the Sawmill Hostel) and the Eastern Hostel, Yallourn. A recreation building is being erected at Yallourn North.

At Mt. Beauty, base depot and accommodation centre for the Kiewa Hydro-Electric Project, a permanent school building is being erected by the Commission under arrangement with the Education Department, and the shopping area is being enlarged.

Following representations by this Commission, the Hospitals and Charities Commission decided to establish the Tawonga District General Hospital which will include provision for personnel at the Kiewa project. A temporary 14 bed hospital has been erected by the Commission on the site and was opened on the 17th September, 1949; prior to this, Commission personnel had been accommodated at the Yackandandah Bush Nursing Hospital.

Since the close of the year, a panel of doctors has been appointed to give medical service to personnel at Kiewa; they also assist at the Tawonga Hospital. A free ambulance is also available. The Kiewa Works Medical Society financed by regular contributions from all personnel on the territory will contribute the cost of hospital treatment and medicines for employees and their families.

The Y.M.C.A. provides a much appreciated welfare service at Yallourn and Kiewa hostels.

*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.

*Statistics.*—The number of staff and employees at the 30th June, 1949, as compared with the last year was as follows:—

Personnel.				30th June, 1949.		30th June, 1948.	
Staff	..	..	..	..	4,325	..	3,763
Wages	..	..	..	..	10,437	..	8,331
Total				..	14,762	..	12,094

Wages employees at 30th June, 1949, were as follows :—

Location of Wages Personnel.	Operation.	Construction.
Power Generation (all stations) .. .. .	1,139	2,119
Main Transmission Lines, Terminal and Substations .. .. .	340	399
Electricity Supply—Metropolitan Branch Distribution .. .. .	294	95
Electricity Supply—Country Branch Distribution .. .. .	418	495
Briquette Production and Distribution .. .. .	433	73
Coal Winning—Yallourn .. .. .	1,013	..
General Services—Town and Workshops—Yallourn .. .. .	1,266	469
General Services—Workshops—elsewhere .. .. .	1,306	263
Tramways—Ballarat, Bendigo, Geelong .. .. .	315	..
Total .. .. .	6,524	3,913
Grand Total .. .. .	10,437	

*Migrants.*—To the 30th June, 807 British migrants had arrived in Victoria as a result of group nominations by the Commission ; of these only 51 per cent. are still in Commission employ. A very large percentage have been single men amongst whom the labour turnover is high. Mr. J. A. P. Gerrard, Industrial Officer, left for England in June to secure approximately 750 tradesmen for Yallourn and Morwell and to inquire as to availability of pre-cut houses for Newborough and Mt. Beauty ; 450 have since been ordered.

One hundred and ninety-six European migrants are employed by the Commission and the Commonwealth Department of Labour and National Service has agreed to our request for a further 657.

#### COMMISSIONERS.

Mr. G. G. Jobbins, M.I.E.E., M.I.E. Aust., retired on the 30th June, 1949, after a long association with the electricity supply industry in Victoria, and after having served as Chairman of the Commission for 11½ years. The Commission on the 7th July, 1949, recorded the following minute in appreciation of the services of Mr. Jobbins to the State and the Commission :—

“ On the occasion of the retirement of Mr. G. G. Jobbins, M.I.E.E., M.I.E. Aust., from the post of Chairman of the Commission on 30th June, 1949, the Commission records its high appreciation of the invaluable service which Mr. Jobbins has given both to the State and the Commission over many years.

Mr. Jobbins has been identified with many important developments in electricity supply, having been engaged continuously in the industry in Victoria for more than 50 years. He served his apprenticeship with the A.U. Alcock Electric Light and Motive Power Co. Ltd. in 1895, and later joined the Electric Lighting and Traction Co. of Australia, which ultimately became the Melbourne Electric Supply Co. Ltd. With the latter Company he served first as Engineer and Local Manager of its Geelong undertaking, and in 1926—upon the appointment of the late Mr. F. W. Clements as a Commissioner—Mr. Jobbins became Engineer and Manager of the Company's undertakings at Melbourne and Geelong.

When these undertakings were acquired by the Commission in September, 1930, Mr. Jobbins transferred to the Commission's service, and, until his appointment as Chairman in 1937, was responsible, as Engineer and Manager of the Commission's Electricity Supply Department, for the distribution and sale of electricity and the merchandising of electrical appliances by the whole of the Commission's undertakings, as well as the direction of the provincial tramways at Ballarat, Bendigo and Geelong.

Despite the extreme difficulties of the war years and the immediate post-war period, during Mr. Jobbins' term of office as Chairman there has been a tremendous expansion of the Commission's activities, including the acceptance by the Government of the day of proposals for the further development of the Latrobe Valley brown coal deposits and the extension of the Kiewa Hydro-Electric Scheme. In this expansion, Victoria and the Commission have been fortunate in having, as the head of the State's electricity undertaking, one who has brought to bear upon the many problems to be met a breadth of vision, a wealth of experience, and a sense of responsibility and service of the highest order.

It is the sincere wish of Commissioners and the staff that Mr. Jobbins may long be spared to enjoy in health and happiness the leisure to which his long and distinguished services to the community so richly entitle him.”

The Government appointed Commissioner W. D. Chapman, M.C.E., D.Eng., M.I.C.E., M.I.E. Aust. as Deputy Chairman from the 11th May to the 30th June, 1949, during the absence of Mr. Jobbins on leave, and as Chairman from the 1st July, pending the appointment of a permanent Chairman on the 1st September, 1949.

Since the close of the year, the Government has appointed Mr. R. A. Hunt, D.S.O., B.C.E., M.I.E. Aust., Chairman of the Commission. Mr. Hunt, at the time of his appointment was General Superintendent, Yallourn, having served the Commission since 1921.



Mr. Commissioner A. W. Henderson was granted leave during his absence abroad for six months from May, 1949. While abroad, Mr. Henderson has assisted in arranging for the migration of prospective employees and the obtaining of additional personnel accommodation.

Professor J. A. L. Matheson. M.B.E., M.Sc. (Manch.), Ph.D. (Birm.), M.C.E., A.M.I.C.E., A.M.I.Struc.E., M.I.E. Aust., was appointed as a Deputy Commissioner from the 25th May to the 30th June, 1949, and later as a Commissioner until the 31st December, 1949.

### STAFF.

The Commission records with regret the death of Mr. C. M. Longfield, M.E., B.Com., A.I.E.E., A.M.I.E., Aust., Chairman's Research Engineer, who died on the 27th March, 1949, after 20 years' service with the Commission, and Mr. N. H. Cooper, Assistant to Construction Engineer, Electricity Supply Department, who died on the 24th July, 1949, after 27 years' service.

Senior staff retirements, appointments, and promotions were :—

#### *Retirements ;—*

Dolan. T. . . . .	..	Distribution Superintendent, Ballarat.
MacDonald. M. E. . .	..	General Plant Design Engineer.
MacNaught. T. H. . .	..	Manager, Bendigo Branch.

#### *Appointments and Promotions :—*

Bilsborrow. G. H. . .	..	Power Plant Design Engineer.
Broben. E. W. . . .	..	Assistant Power Station Superintendent, Newport.
Callinan. J. C. . . .	..	Electrical Superintendent, General Services, Yallourn.
Chambers. S. J. . . .	..	Office Engineer, Mechanical Branch.
Edwards. Dr. M. . . .	..	Resident Medical Officer, Kiewa.
Elliott. G. W. . . .	..	Acting Briquette Production Engineer.
Finlayson. W. H. . .	..	Assistant Engineer for Briquetting Plant Design.
Lorimer. L. H. . . .	..	Transmission Design Engineer.
Maw. F. A. L. . . .	..	Construction Engineer, Morwell.
McNeice. C. F. . . .	..	Mechanical Construction Superintendent, Yallourn.
Morgan. W. M. . . .	..	Deputy Engineer for Fuel Production.
Morrison. D. M. . . .	..	Construction Engineer, Yallourn.
Newman. D. C. . . .	..	Engineer, Electrical Branch.
Palmer. R. A. K. . .	..	Assistant Engineer for Planning.
Paterson. G. . . . .	..	Civil Design Engineer.
Rusden. G. F. . . .	..	Assistant to Engineer for Fuel Production.
Stewart. E. D. . . .	..	Engineer, Fuel Production Branch.
Thorn. W. . . . .	..	Engineer for Production.
Thyer. A. M. . . . .	..	Assistant Mechanical Engineer.
Sutherland. J. N. . .	..	Manager, Bendigo Branch.
Weeks. N. G. . . . .	..	Superintendent, Costs and Bookkeeping.
Westmore. N. E. . .	..	Engineer for Coal Plant Design.

Conditions during the year were again abnormal and exacting; numerous different problems arose as the result of the development of the vast programme of new works and these were superimposed upon the task of overtaking war-time delays of construction and maintenance.

Under these conditions, it is with real pleasure that Commissioners again place on record their appreciation of the splendid contribution rendered to the community during the year under review through the loyal and efficient services of personnel in all sections of the undertaking.

We regret that, at the time of signing this report, our colleague, Mr. Commissioner Andrew W. Fairley is absent because of serious illness. He has been granted leave of absence to 31st December, 1949, and we hope that his health will be sufficiently restored for him to resume in the New Year.

We have the honour to be,

Sir,

Your obedient servants,

R. A. HUNT, Chairman.

W. D. CHAPMAN, Commissioner.

A. W. HENDERSON, Commissioner.

J. Louis MATHESON, Commissioner.

W. J. PRICE,

Secretary,

24th November, 1949.





## STATE ELECTRICITY COMMISSION OF VICTORIA.

## SCHEDULE OF FIXED CAPITAL AS AT 30th JUNE, 1949.

(Adjusted to the nearest £1.)

	Expenditure during 1948-49.	Total Expenditure 30/6/49.
	£	£
<b>Coal Production—</b>		
Yallourn .. .. .	395,928	2,371,433
<b>Briquette Production—</b>		
Yallourn .. .. .	57,541	1,927,546
<b>Power Production—Thermal Stations, &amp;c.—</b>		
Geelong .. .. .	661	352,532
Newport .. .. .	799,636	5,234,802
Richmond .. .. .	..	155,599
Yallourn .. .. .	174,914	5,441,724
South Western—Hamilton (Internal Combustion Engine Station) .. ..	29,441	41,652
<b>Power Production—Hydro Stations—</b>		
Kiewa .. .. .	1,988,141	5,068,940
Sugarloaf .. .. .	5,063	848,158
<b>Transmission Systems—</b>		
Main Transmission Systems .. .. .	515,366	6,029,140
Ballarat Branch .. .. .	5,042	72,532
Bendigo Branch .. .. .	3,236	55,824
Eastern Metropolitan Branch .. .. .	47,601	398,860
Geelong Branch .. .. .	1,533	44,075
Gippsland Branch .. .. .	55,601	563,138
Metropolitan Branch .. .. .	..	14,893
Midland Branch .. .. .	7,787	168,423
North Eastern Branch .. .. .	74,622	744,905
South-Western Branch .. .. .	60,777	656,334
<b>Distribution Systems—</b>		
Ballarat Branch .. .. .	31,137	335,527
Bendigo Branch .. .. .	27,535	256,060
Eastern Metropolitan Branch .. .. .	134,917	921,805
Geelong Branch .. .. .	26,671	428,669
Gippsland Branch .. .. .	89,574	764,628
Metropolitan Branch .. .. .	361,452	5,284,084
Midland Branch .. .. .	30,268	291,649
North-Eastern Branch .. .. .	83,187	722,562
South-Western Branch .. .. .	52,795	450,680
Yallourn .. .. .	6,369	44,810
<b>Tramway Systems—</b>		
Ballarat Branch .. .. .	12	52,546
Bendigo Branch .. .. .	702	37,008
Geelong Branch .. .. .	1,291	104,273
<b>General—</b>		
Ballarat Branch .. .. .	752	34,168
Bendigo Branch .. .. .	1,416	53,942
Eastern Metropolitan Branch .. .. .	16,582	61,466
Geelong Branch .. .. .	2,862	57,701
Gippsland Branch .. .. .	10,254	67,038
Kiewa .. .. .	545,211	919,275
Metropolitan Branch .. .. .	81,074	878,485
Midland Branch .. .. .	4,336	14,285
North-Eastern Branch .. .. .	4,809	62,482
South-Western Branch .. .. .	4,153	43,612
Yallourn .. .. .	779,232	3,335,952
Head Office .. .. .	669,236	2,053,939
	7,188,717	47,467,156
<b>Deduct—Proportion of cost of extensions payable by Consumers .. .. .</b>	20,480	140,122
	7,168,237	47,327,034

Note.—Construction Work in Progress included in above figures is shown separately in the Balance-sheet—

As at 30th June, 1948 .. .. . £5,793,223  
As at 30th June, 1949 .. .. . £8,481,062



STATE ELECTRICITY COMMISSION OF VICTORIA.  
DEBENTURES AND INSCRIBED STOCK.

**LOANS RAISED UNDER THE AUTHORITY OF THE STATE ELECTRICITY COMMISSION  
ACTS Nos. 4087 and 4512.**

Loan No.	Current Loans Issued.	Amount Authorized to 30th June, 1949.	Rate.	Term.	Due.	Sinking Fund.	Redeemed to 30th June, 1949.	Outstanding at 30th June, 1949.
	£	£	%	Yrs.		%	£ s. d.	£ s. d.
State Electricity Commission of Victoria—								
Loan No. 1 .. .. .	600,000	600,000	3·5	20	1954	1	71,347 0 0	528,653 0 0
Loan No. 2 .. .. .	382,000	382,000	3·5	20	1954	1	53,480 0 0	328,520 0 0
Loan No. 3 .. .. .	100,000	100,000	4	15	1951	1	13,000 0 0	87,000 0 0
Loan No. 5 .. .. .	900,000	900,000	4·25	10	1949	1	..	900,000 0 0
Loan No. 6 .. .. .	200,000	200,000	4·25	10	1949	1	21,383 12 11	178,616 7 1
Loan No. 7 .. .. .	150,000	150,000	4·25	15	1955	1	..	150,000 0 0
Loan No. 8 .. .. .	250,000	250,000	3·8125	10	1950	1	26,254 12 8	223,745 7 4
Loan No. 9 .. .. .	300,000	300,000	3·4375	16	1957	1	..	300,000 0 0
Loan No. 10 .. .. .	1,000,000	1,000,000	3·375	10	1955	1	42,070 19 0	957,929 1 0
Loan No. 11 .. .. .	150,000	150,000	3·3125	10	1956	1	3,049 13 9	146,950 6 3
Loan No. 12 .. .. .	1,350,000	1,350,000	3·3125	10	1956	1	27,447 3 9	1,322,552 16 3
Loan No. 13 .. .. .	500,000	500,000	3·3125	10	1957	1	10,165 12 6	489,834 7 6
Loan No. 14 .. .. .	500,000	500,000	3·25	10	1957	1	10,162 10 0	489,837 10 0
Loan No. 15 .. .. .	1,000,000	1,000,000	3·25	15	1962	1	10,000 0 0	990,000 0 0
Loan No. 16 .. .. .	500,000	500,000	3·25	15	1962	1	5,000 0 0	495,000 0 0
Loan No. 17 .. .. .	500,000	500,000	3·25	15	1963	1	5,000 0 0	495,000 0 0
Loan No. 18 .. .. .	1,000,000	1,000,000	3·1875	10	1958	1	10,000 0 0	990,000 0 0
Loan No. 19 .. .. .	720,000	720,000	3·1875	10	1958	1	7,200 0 0	712,800 0 0
Loan No. 20 .. .. .	1,000,000	1,000,000	3·1875	10	1958	1	10,000 0 0	990,000 0 0
Loan No. 21 .. .. .	1,000,000	1,000,000	3·1875	10	1958	1	..	1,000,000 0 0
Loan No. 22 .. .. .	1,000,000	1,000,000	3·1875	10	1958	1	..	1,000,000 0 0
Loan No. 23 .. .. .	1,000,000	1,000,000	3·1875	10	1958	1	..	1,000,000 0 0
Loan No. 24 .. .. .	500,000	500,000	3·1875	10	1958	1	..	500,000 0 0
Loan No. 25 .. .. .	1,340,300	1,340,300	3·1875	12	1961	1	..	1,340,300 0 0
Loan No. 26 .. .. .	1,500,000	1,500,000	3·1875	10	1959	1	..	1,500,000 0 0
Loan No. 27 .. .. .	300,000	300,000	3·1875	12	1961	1	..	300,000 0 0
Loan No. 28 .. .. .	360,000	360,000	3·1875	12	1961	1	..	360,000 0 0
	18,102,300	18,102,300					325,561 4 7	17,776,738 15 5

**ISSUED BY UNDERTAKINGS ACQUIRED BY THE STATE ELECTRICITY COMMISSION OF VICTORIA**

Municipality.	Loan No.	Actual Rate.	Rate Under Financial Emergency Act, etc.	Original Issue.	Date of Acquisition.	Outstanding at Date of Acquisition.	Redeemed since Date of Acquisition.	Outstanding at 30th June, 1949.
		%	%	£		£ s. d.	£ s. d.	£ s. d.
<b>Bendigo Branch.</b>								
Marong Shire .. .. .	2	5 $\frac{3}{4}$	5	1,700	1·7·31	1,591 17 11	865 1 11	726 16 0
Eaglehawk Borough ..	9	3 $\frac{3}{4}$	3 $\frac{3}{4}$	4,500	1·10·35	4,345 9 8	2,759 7 8	1,586 2 0
				6,200		5,937 7 7	3,624 9 7	2,312 18 0
<b>Eastern Metropolitan Branch.</b>								
Healesville Shire .. ..	2	6	3 $\frac{7}{8}$	8,000	1·4·33	6,215 0 0	5,395 0 0	820 0 0
" " .. .. .	3	6 $\frac{1}{4}$	3 $\frac{7}{8}$	2,000	"	1,585 0 0	1,370 0 0	215 0 0
" " .. .. .	9	5 $\frac{3}{4}$	5	3,000	"	2,728 11 2	1,457 9 10	1,271 1 4
Lillydale Shire .. .. .	16	6 $\frac{1}{4}$	3 $\frac{7}{8}$	3,000	1·4·25	2,869 12 7	2,447 6 5	422 6 2
" " .. .. .	16	6 $\frac{1}{2}$	3 $\frac{7}{8}$	2,000	"	1,913 1 7	1,631 10 9	281 10 10
				18,000		15,311 5 4	12,301 7 0	3,009 18 4
<b>Gippsland Branch.</b>								
Maffra Shire .. .. .	1	4 $\frac{3}{4}$	4 $\frac{3}{4}$	6,500	1·9·24	5,660 0 11	4,497 7 5	1,162 13 6
<b>Midland Branch.</b>								
Kyneton Shire .. .. .	3	5 $\frac{3}{4}$	3 $\frac{7}{8}$	12,000	1·10·28	10,830 0 0	8,265 0 0	2,565 0 0
Newham and Woodend Shire	2	5	5	750	1·8·29	750 0 0	300 0 0	450 0 0
				12,750		11,580 0 0	8,565 0 0	3,015 0 0
<b>North-Eastern Branch.</b>								
Mansfield Shire .. .. .	6	6	5	1,200	1·6·28	1,200 0 0	..	1,200 0 0
Towong Shire .. .. .	1	4 $\frac{1}{2}$	4 $\frac{1}{8}$	6,500	1·11·40	4,565 0 0	2,629 3 2	1,935 16 10
Wangaratta Borough ..	8	6 $\frac{1}{2}$	4 $\frac{1}{4}$	6,500	12·3·27	6,078 12 8	4,952 16 5	1,125 16 3
" " .. .. .	9	6	4 $\frac{1}{4}$	1,500	"	1,412 2 5	1,160 15 6	251 6 11
Yea Shire .. .. .	3	6 $\frac{1}{4}$	5	6,000	1·5·45	3,390 19 7	1,042 1 5	2,348 18 2
" " .. .. .	4	5 $\frac{3}{4}$	5	500	"	292 19 3	81 2 4	211 16 11
" " .. .. .	5	5 $\frac{3}{4}$	5	1,000	"	331 19 8	290 16 2	41 3 6
" " .. .. .	8	4 $\frac{1}{4}$	3 $\frac{7}{8}$	1,200	"	836 0 0	234 0 0	602 0 0
				24,400		18,107 13 7	10,390 15 0	7,716 18 7
				67,850		56,596 7 5	39,378 19 0	17,217 8 5

## STATE ELECTRICITY COMMISSION OF VICTORIA.

## TABULATION OF CAPITAL, REVENUE, AND OPERATING ACCOUNTS.

Year ended 30th June.	Capital.			Revenue.					Operating Expenditure including Writings Off, &c.	+ Surplus. — Deficit.	
	Capital Expenditure.	Loan Liability.	Reserves.	Electricity Supply.	Briquetting.	Tramways.	Miscellaneous.			Total.	Year.
							£	£	£		
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

\* After transfers of £243,000 from Reserves.

† After transfers of £103,000 from Reserves.

STATE ELECTRICITY COMMISSION OF VICTORIA.  
ELECTRICITY SALES—REVENUE—CONSUMER STATISTICS.

Year Ended 30th June.	Sales—kWh. (Millions).					Revenue.			Consumer Statistics—excluding Bulk Supply Areas.							Number of Farms Supplied.			
	Bulk Supplies.	Public Lighting.	Domestic.	Industrial Traction.	Commercial.	Total.	Per kWh. Sold.			Population of Area of Supply.	Number of Consumers.	Percentage of Consumers to Population.	kWh. Sold per Consumer (Average).						
							Domestic.	Industrial.	Commercial.				Domestic.	Industrial.	Commercial.				
																	H. P.		
1938	241·988	12·950	110·597	258·274	54·080	677·889	£ 3,528,396	d. 2·539	d. 0·884	d. 2·714	1,018,000	249,244	24·5	540	57,820	1,611	32,386	227,903	3,426
1939	257·394	14·282	122·134	273·372	59·915	727·097	3,685,538	2·420	0·877	2·567	1,050,000	260,733	24·8	566	53,540	1,734	36,282	245,697	4,367
1940	285·031	16·804	141·172	311·916	67·224	822·147	3,881,022	2·165	0·848	2·338	1,080,000	271,749	25·2	626	53,730	1,917	41,530	275,458	5,147
1941	311·546	16·516	155·726	367·438	73·547	924·773	4,241,264	2·059	0·819	2·262	1,104,000	284,373	25·8	658	56,920	2,081	46,114	299,988	5,771
1942	369·236	10·509	173·951	441·734	78·168	1,073·598	4,657,452	1·973	0·800	2·112	1,123,000	292,341	26·0	703	62,300	2,245	50,465	322,283	6,131
1943	404·121	11·694	192·067	483·305	87·821	1,179·008	4,935,602	1·869	0·785	1·908	1,141,000	296,717	26·0	756	65,920	2,626	54,285	345,924	7,032
1944	422·287	15·984	203·979	466·137	92·938	1,201·325	5,101,631	1·822	0·812	1·835	1,149,000	300,465	26·1	793	60,170	2,769	59,483	365,746	7,467
1945	417·193	16·782	220·247	452·664	100·790	1,207·676	5,259,890	1·783	0·830	1·781	1,193,000	311,172	26·1	838	50,470	2,934	65,983	401,085	8,772
1946	447·005	17·255	250·245	449·623	110·413	1,274·541	5,605,333	1·700	0·857	1·814	1,200,000	321,631	26·8	928	41,860	3,104	71,796	430,452	10,209
1947	449·380	17·614	285·596	486·994	104·539	1,344·123	5,885,194	1·606	0·846	1·900	1,253,000	339,286	27·1	1,015	38,330	2,769	77,735	454,901	11,680
1948	506·780	18·106	339·025	535·138	122·448	1,521·497	6,543,089	1·506	0·852	1·905	1,300,000	355,258	27·3	1,151	37,498	3,132	84,408	481,408	13,181
1949	563·296	18·607	422·681	584·252	136·179	1,725·015	8,129,973	1·517	0·955	2·070	1,353,000	372,135	27·5	1,370	37,428	3,400	90,896	505,877	14,419
Metropolitan 1949	540·151	14·118	273·888	400·011	74·726	1,302·894	5,509,009	1·357	0·918	2·015	824,491	218,394	26·49	1,432	84,623	3,815	53,101	290,046	1,236
(Inc. Metro. Bulk Supplies) 1948	486·570	13·855	224·876	378·854	67·777	1,171·932	4,477,764	1·335	0·822	1·835	800,075	212,290	26·53	1,210	85,136	3,500	49,919	280,528	1,206
Ballarat 1949	..	0·459	10·113	19·664	5·569	35·805	231,384	2·193	0·939	2·373	55,825	15,243	27·30	824	36,824	2,642	3,956	19,669	494
1948	..	0·453	7·777	14·084	4·922	27·836	183,266	2·344	0·887	2·250	55,240	14,564	26·36	665	31,242	2,385	3,526	19,030	400
Bendigo 1949	..	0·553	7·932	11·155	3·088	22·728	177,433	2·132	0·922	2·745	38,587	11,276	29·22	872	28,824	2,044	2,425	16,438	355
1948	..	0·545	6·111	9·400	2·762	18·818	128,370	2·248	0·933	2·534	37,302	10,729	28·76	703	26,781	1,894	2,277	15,456	292
Geelong 1949	..	0·532	13·406	34·697	6·303	54·938	324,394	2·147	0·891	2·594	69,040	17,670	25·59	923	66,090	2,762	5,637	37,879	510
1948	..	0·513	10·465	27·707	5·923	44·608	258,882	2·232	0·832	2·356	66,530	16,933	25·45	753	56,316	2,650	5,192	34,626	439
Eastern 1949	..	0·877	48·665	14·610	12·929	77·081	514,118	1·548	1·348	1·981	93,798	34,171	36·43	1,769	8,479	3,754	3,647	22,942	2,618
(Inc. N.S.W. Bulk Supplies) 1948	..	0·806	36·883	12·638	12·084	62·411	396,498	1·532	1·181	1·751	83,008	30,942	37·28	1,491	8,271	3,683	3,250	20,954	2,479
Gippsland 1949	..	0·625	23·831	39·233	8·592	72·281	414,028	1·724	0·995	1·985	91,846	24,400	26·56	1,402	11,889	2,676	7,611	41,987	3,679
1948	..	0·576	19·080	37·403	7·834	64·893	342,881	1·705	0·890	1·843	85,708	22,509	26·26	1,223	12,365	2,549	7,026	39,388	3,435
Mildland 1949	..	0·322	7·202	8·324	3·912	19·760	147,693	2·145	1·219	2·220	40,166	9,976	24·84	951	14,786	2,498	2,498	13,019	720
1948	..	0·313	5·460	8·396	3·733	17·902	123,246	2·220	1·037	2·045	38,995	9,391	24·08	772	17,312	2,411	1,920	12,104	655
North 1949	23·145	0·715	20·788	40·252	15·971	100·871	540,015	1·895	0·934	1·768	78,544	23,526	29·95	1,240	20,432	4,156	8,449	49,820	2,539
Eastern 1948	20·210	0·655	15·607	31·124	12·892	80·488	412,457	1·933	0·877	1·727	74,024	21,508	29·06	1,021	17,704	3,513	7,588	45,840	2,253
(Inc. N.S.W. Bulk Supplies)																			
South 1949	..	0·406	16·856	16·306	5·089	38·657	269,076	1·811	1·155	2·689	61,154	17,479	28·58	1,342	8,669	2,031	3,921	14,077	2,268
Western 1948	..	0·390	12·766	14·932	4·521	32·609	217,926	1·870	1·047	2·514	59,130	16,392	27·72	1,087	8,717	1,878	3,663	13,482	2,022
Miscellaneous 1949	..	..	..	..	..	..	2,823	..	..	..	..	..	..	..	..	..	..	..	..
1948	..	..	..	..	..	..	1,799	..	..	..	..	..	..	..	..	..	..	..	..
Total 1949	563·296	18·607	422·681	584·252	136·179	1,725·015	8,129,973	1·517	0·955	2·070	1,353,451	372,135	27·5	1,370	37,428	3,400	90,896	505,877	14,419
1948	506·780	18·106	339·025	535·138	122·448	1,521·497	6,543,089	1·506	0·852	1·905	1,300,012	355,258	27·3	1,151	37,498	3,132	84,361	481,408	13,181

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

STATE ELECTRICITY COMMISSION OF VICTORIA.  
STANDARD TARIFFS AS FROM 1ST OCTOBER, 1949.

Tariffs.	Residential and Commercial			Farming Operations Only.	Industrial, Factories and Other Industrial Establishments.	Miscellaneous.
	Metropolitan.	Provincial City and Town. (Ballarat, Bendigo, Geelong, and Large Towns.)	Country. (Smaller Towns and Rural Areas.)†			
<b>Residential Tariff</b> (Domestic and Commercial Residential Premises)— Service charge a month for each assessable room .. .. Rate a kWh. .. .. Maximum overall rate a kWh. .. ..	1	2	3	4	5	6
	1s. 1d. 1.1d. 6.0d.	1s. 4d. 1.55d. 6.0d.	1s. 5d. 1.7d. 6.0d.			
	First 20 at 4.75d. Balance at 3.75d.	First 100 at 6.0d. Balance at 4.25d.	First 100 at 6.75d. Next 200 at 5.25d. Balance at 4.25d.			
<b>Lighting</b> — Block Tariff—rates a kWh. (based on monthly consumption)	First 20 at 2.4d. Next 4,800 at 1.45d. Next 20,000 at 1.1d. Balance at 1.0d. 11 p.m.—7 a.m.—0.45d. 5s.	First 200 at 2.7d. Next 4,800 at 1.8d. Next 20,000 at 1.2d. Balance at 1.1d. 10.30 p.m.—6.30 a.m.— 0.5d. 5s.	First 50 at 3.0d. Next 150 at 2.7d. Next 4,800 at 1.8d. Next 20,000 at 1.2d. Balance at 1.1d. 10 p.m.—6 a.m.—0.5d. 5s.		First 20 at 4.75d. Balance at 3.75d.	
<b>Power and Heating</b> — Block Tariff—rates a kWh. (based on monthly consumption)	First 200 at 2.4d. Next 4,800 at 1.45d. Next 20,000 at 1.1d. Balance at 1.0d. 11 p.m.—7 a.m.—0.45d. 5s.	First 200 at 2.7d. Next 4,800 at 1.8d. Next 20,000 at 1.2d. Balance at 1.1d. 10.30 p.m.—6.30 a.m.— 0.5d. 5s.	First 50 at 3.0d. Next 150 at 2.7d. Next 4,800 at 1.8d. Next 20,000 at 1.2d. Balance at 1.1d. 10 p.m.—6 a.m.—0.5d. 5s.		First 200 at 2.4d. Next 4,800 at 1.45d. Next 20,000 at 1.1d. Balance at 1.0d. 11 p.m.—7 a.m.—0.45d. 5s.	
Rental a month for each two-rate meter ..						
<b>Power, Heating, and Lighting</b> — Block Tariff—rates a kWh. (based on monthly consumption)	First 20 at 4.75d. Next 980 at 3.75d. Next 1,000 at 2.4d. Next 3,000 at 2.1d. Next 20,000 at 1.1d. Balance at 1.0d. 11 p.m.—7 a.m.—0.45d. (Power and Heating only.) 5s.	Commercial General Service. First 100 at 6.0d. Next 900 at 4.25d. Next 4,000 at 2.7d. Next 20,000 at 1.2d. Balance at 1.1d. 10.30 p.m.—6.30 a.m.— 0.5d. (Power and Heating only.) 5s.	Commercial General Service. First 100 at 6.75d. Next 200 at 5.25d. Next 700 at 4.25d. Next 4,000 at 2.7d. Next 20,000 at 1.2d. Balance at 1.1d. 10 p.m.—6 a.m.—0.5d. (Power and Heating only.) 5s.	Farming General Service. First 4 at 6.5d. Next 196 at 2.7d. Next 4,800 at 1.8d. Balance at 1.2d. 10 p.m.—6 a.m.—0.5d. 5s.	Industrial All-Purposes. First 20 at 4.75d. Next 480 at 3.75d. Next 4,500 at 2.2d. Next 20,000 at 1.1d. Balance at 1.0d. 11 p.m.—7 a.m.—0.45d. (See Note 2 below.) 5s.	
Rental a month for each two-rate meter ..						
<b>Industrial Maximum Demand</b> (See Note 3 below) Power, Heating, and Lighting.						
<b>Commercial Range (Electric Cooking)—Rate a kWh.</b>	1.1d.	1.55d.	1.7d.			
<b>Water Heating</b> —Night Tariff, Rate a kWh. (Prescribed Hours)	0.5d.	0.6d.	0.6d.	0.6d.	0.6d.	
<b>Minimum Charge</b> —a month .. ..	2s. 6d.	3s.	3s. 6d.	3s.	2s. 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.

† Subject to State Government subsidy in smaller towns and rural areas pending report by Electricity Supply Board of Inquiry in order to retain tariff rates applicable prior to 30th September, 1949.

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 £12 9s. 7d. 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 OF VICTORIA.

ELECTRICITY SUPPLY UNDERTAKINGS AT 30TH JUNE, 1949.  
SUMMARY.

—	Population.	Consumers.		*Kilowatt-hours Sold.	
		Number.	Percentage of Grand Total.	Number.	Percentage of Grand Total.
STATE ELECTRICITY COMMISSION OF VICTORIA—					
Metropolitan	{ 822,162	219,338	41·63	758,987,564	46·11
Provincial Cities }excluding adjacent rural areas ..		36,746	6·97	100,137,207	6·08
Country .. .. .		116,051	22·02	302,594,752	18·39
TOTAL .. .. .	1,353,451	372,135	70·62	1,161,719,523	70·58
OTHER UNDERTAKINGS—					
Metropolitan (receiving Bulk Supply from State Electricity Commission of Victoria) .. ..	448,042	127,551	24·21	454,815,959	27·64
Country (Local Undertakings) .. .. .	109,471	27,252	5·17	29,305,647	1·78
TOTAL .. .. .	557,513	154,803	29·38	484,121,606	29·42
GRAND TOTAL .. .. .	1,910,964	526,938	100·00	1,645,841,129	100·00

\* Retail sales to Victorian consumers by Electricity Supply undertakings.

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. 7, Columns No.	Date Supply First Undertaken by Commission.
<b>Metropolitan.</b>							
Brighton .. ..	Metro.	Melbourne ..	A.C., 3 ph. and 1 ph.	811,972	215,467	1 and 5	1.9.30
Broadmeadows (Fawkner and Glenroy and portions of North Essendon and Pascoe Vale only)		" ..	A.C., 3 ph. ..				1.8.22
Camberwell .. ..	"	" ..	A.C., 3 ph. and 1 ph.				1.9.30
Caulfield .. ..	"	" ..	A.C., 3 ph. and 1 ph.				1.9.30
Collingwood .. ..	"	" ..	A.C., 3 ph. ..				1.9.30
Essendon .. ..	"	" ..	A.C., 3 ph. ..				1.8.22
Fitzroy .. ..	"	" ..	A.C., 3 ph. ..				1.9.30
Hawthorn .. ..	"	" ..	A.C., 3 ph. and 1 ph.				1.9.30
Kensington/Flemington ..	"	" ..	A.C., 3 ph. ..				1.8.22
Kew .. ..	"	" ..	A.C., 3 ph. and 1 ph.				1.9.30
Malvern .. ..	"	" ..	A.C., 3 ph. and 1 ph.				1.9.30
Moorabbin .. ..	"	" ..	A.C., 3 ph. ..				1.9.30
Mordialloc .. ..	"	" ..	A.C., 3 ph. ..				1.9.30
Mulgrave (part) .. ..	"	" ..	A.C., 3 ph. ..				1.9.30
Oakleigh .. ..	"	" ..	A.C., 3 ph. ..				1.9.30
Prahran .. ..	"	" ..	A.C., 3 ph. and 1 ph.				1.9.30
Richmond .. ..	"	" ..	A.C., 3 ph. ..				1.9.30
St. Kilda .. ..	"	" ..	A.C., 3 ph. and 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 (Aspendale, Carrum, Chelsea, Edithvale)(excluding Rural)and Bonbeach)	E/M.	Chelsea ..	A.C., 3 ph. ..	10,019	3,810	1 and 5	31.12.44
East Oakleigh (see also Country Centres)	"	Dandenong ..	A.C., 3 ph. and 1 ph.	146	54	1 and 5	19.7.26
Burwood (see also Country Centres)	"	" ..	A.C., 1 ph. ..	25	8	1 and 5	7.10.38
<b>Ballarat.</b>							
City of Ballarat (including Alfredton, Ballarat East, Ballarat North, Brown Hill, Canadian and Mt. Pleasant)	Ball.	Ballarat ..	A.C., 3 ph. D.C., 3 wire ..	42,675	11,741	2 and 5	1.7.34 (Mt. Clear 30.6.37)
Borough of Sebastopol ..	"	" ..	A.C., 3 ph. ..				
Ballarat Shire (Wendouree only)	"	" ..	A.C., 3 ph. ..				
Mt. Clear .. ..	"	" ..	A.C., 1 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. 7, Columns No.	Date Supply First Undertaken by Commission.
Bendigo.							
City of Bendigo (including Golden Square, Long Gully, and White Hills)	Bend.	Bendigo ..	A.C., 3 ph. ..	33,694	10,071	2 and 5	1.7.34
Borough of Eaglehawk ..	"	" ..	A.C., 3 ph. and 1 ph. ..				1.2.36
Huntly Shire (portion only, including Epsom)	"	" ..	A.C., 3 ph. and 1 ph. ..				19.5.37 (Epsom 29.12.39)
Marong Shire (portion only, including Kangaroo Flat)	"	" ..	A.C., 3 ph. and 1 ph. ..				1.7.34
Strathfieldsaye Shire (portion only, including Bendigo East, Grassy Flat, Kennington and Spring Gully)	"	" ..	A.C., 3 ph. and 1 ph. ..				1.7.34
Geelong.							
City of Geelong ..	Geel.	Geelong ..	A.C., 3 ph., D.C., 3 wire	59,000	14,934	2 and 5	1.9.30 (Fyansford 10.10.38)
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. ..				
South Barwon Shire (Bel- mont, Grovedale and Highton)	"	" ..	A.C., 3 ph. ..				
Bellarine Shire (Whittington)	"	" ..	A.C., 3 ph. ..				
Country.							
Acheron ..	N/E.	Alexandra ..	A.C., 1 ph. ..	72	50	3, 4, and 5	24.11.37
Addington ..	Ball.	Ballarat ..	A.C., 1 ph. ..	30	15	3, 4, and 5	13.4.49
Agnes ..	Gipps.	Foster ..	A.C., 1 ph. ..	50	19	3, 4, and 5	1.11.38
Airey's Inlet ..	S/W.	Lorne ..	A.C., 1 ph. ..	85	63	3, 4, and 5	24.12.36
Airly ..	Gipps.	Sale ..	A.C., 1 ph. ..	100	37	3, 4, and 5	16.6.37
Alberton ..	Gipps.	Yarram ..	A.C., 3 ph. ..	300	49	3, 4, and 5	1.10.46
Alberton West ..	Gipps.	Yarram ..	A.C., 1 ph. ..	188	13	3, 4, and 5	18.8.47
Alexandra ..	N/E.	Alexandra ..	A.C., 3 ph. ..	1,100	452	3, 4, and 5	11.4.27
Allansford ..	S/W.	Warrnambool ..	A.C., 1 ph. ..	420	78	3, 4, and 5	20.11.24
Allendale ..	Ball.	Ballarat ..	A.C., 3 ph. ..	100	36	3, 4, and 5	4.11.47
Altona ..	Metro.	Werribee ..	A.C., 3 ph. and 1 ph. ..	3,720	947	2, 4, and 5	9.12.24
Alvie ..	S/W.	Colac ..	A.C., 1 ph. ..	131	30	3, 4, and 5	15.10.24
Anglesea ..	S/W.	Lorne ..	A.C., 3 ph. and 1 ph.*	175	161	3, 4, and 5	21.12.36
Archie's Creek ..	Gipps.	Korumburra ..	A.C., 3 ph. and 1 ph. ..	260	72	3, 4, and 5	1.9.40
Ardmona ..	N/E.	Shepparton ..	A.C., 3 ph. and 1 ph. ..	205	174	3, 4, and 5	25.3.38
Ascot ..	Ball.	Ballarat ..	A.C., 3 ph. ..	35	25	3, 4, and 5	7.12.38
Aspendale Rural ..	E/M.	Chelsea ..	A.C., 3 ph. ..	18	7	3, 4, and 5	31.12.44
Avenel ..	N/E.	Seymour ..	A.C., 3 ph. and 1 ph. ..	400	100	3, 4, and 5	22.3.48
Avoca ..	Mid.	Maryborough ..	A.C., 3 ph. and 1 ph. ..	920	337	3, 4, and 5	1.8.40
Bacchus Marsh ..	Mid.	Bacchus Marsh ..	A.C., 3 ph. and 1 ph. ..	2,975	801	3, 4, and 5	3.6.41
Baddaginnie ..	N/E.	Benalla ..	A.C., 1 ph. ..	100	32	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
Bairnsdale ..	Gipps.	Bairnsdale ..	A.C., 3 ph. and 1 ph. ..	4,500	1,428	2, 4, and 5	1.4.27
Bairnsdale Rural ..	Gipps.	Bairnsdale ..	A.C., 1 ph. ..	200	13	3, 4, and 5	13.2.36
Bald Hills ..	Ball.	Ballarat ..	A.C., 1 ph. ..	30	3	3, 4, and 5	13.7.38
Balintore ..	S/W.	Colac ..	A.C., 1 ph. ..	50	10	3, 4, and 5	1.6.37
Ballan ..	Ball.	Ballarat ..	A.C., 3 ph. and 1 ph. ..	945	207	3, 4, and 5	1.3.40
Ballarat Rural ..	Ball.	Ballarat ..	A.C., 3 ph. ..	150	35	3, 4, and 5	1.7.34
Ballendella ..	N/E.	Rochester ..	A.C., 3 ph. ..	161	86	3, 4, and 5	20.3.40
Balmattum ..	N/E.	Benalla ..	A.C., 1 ph. ..	34	9	3, 4, and 5	8.10.37
Bamawm ..	N/E.	Rochester ..	A.C., 3 ph. and 1 ph. ..	700	282	3, 4, and 5	19.12.45
Bamawm Extension ..	N/E.	Rochester ..	A.C., 3 ph. ..	(See Bamawm)	3, 4, and 5	23.2.48	
Bandiana ..	N/E.	Wodonga ..	A.C., 3 ph. ..	(See Kiewa)	3, 4, and 5	12.4.39	
Baranduda ..	N/E.	Wodonga ..	A.C., 3 ph. and 1 ph. ..	(See Kiewa)	3, 4, and 5	19.6.46	
Baringhup ..	Mid.	Castlemaine ..	A.C., 3 ph. ..	30	4	3, 4, and 5	23.10.47
Barker's Creek ..	Mid.	Castlemaine ..	A.C., 3 ph. and 1 ph. ..	200	28	3, 4, and 5	15.12.44
Barnawartha ..	N/E.	Wodonga ..	A.C., 1 ph. ..	280	60	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. ..	150	27	3, 4, and 5	10.12.45
Barwo ..	N/E.	Numurkah ..	A.C., 3 ph. ..	31	17	3, 4, and 5	24.4.45
Barwon Heads ..	Geel.	Queenscliff ..	A.C., 1 ph. ..	700	337	3, 4, and 5	6.9.24
Batesford ..	Geel.	Geelong ..	A.C., 1 ph. ..	150	26	3, 4, and 5	28.2.39
Bayles ..	Gipps.	Koo-wee-rup ..	A.C., 3 ph. and 1 ph. ..	230	105	3, 4, and 5	11.9.35
Bayswater ..	E/M.	Ringwood ..	A.C., 3 ph. and 1 ph. ..	1,352	430	3, 4, and 5	24.7.26
Beaconsfield ..	E/M.	Dandenong ..	A.C., 1 ph. ..	165	96	3, 4, and 5	18.6.28
Beac ..	S/W.	Colac ..	A.C., 1 ph. ..	475	131	3, 4, and 5	21.5.24
Beechworth ..	N/E.	Beechworth ..	A.C., 3 ph. ..	2,650	615	3, 4, and 5	2.9.46
Belgrave ..	E/M.	Belgrave ..	A.C., 3 ph. and 1 ph. ..	2,522	1,161	2, 4, and 5	24.8.25
Bellbrae ..	Geel.	Geelong ..	A.C., 1 ph. ..	20	5	3, 4, and 5	9.8.44
Bena ..	Gipps.	Korumburra ..	A.C., 3 ph. and 1 ph. ..	365	125	3, 4, and 5	10.7.30
Benalla ..	N/E.	Benalla ..	A.C., 3 ph. ..	5,000	1,493	2, 4, and 5	1.5.26

## 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. 7, Columns No.	Date Supply First Undertaken by Commission.
<b>Country—continued.</b>							
Benalla Rural .. ..	N/E.	Benalla ..	A.C., 1 ph. ..	135	61	3, 4, and 5	26.5.37
Bennison .. ..	Gipps.	Foster ..	A.C., 1 ph. ..	80	21	3, 4, and 5	29.10.38
Berwick .. ..	E/M.	Dandenong ..	A.C., 1 ph. ..	695	328	3, 4, and 5	7.5.28
Birregurra .. ..	S/W.	Colac ..	A.C., 1 ph. ..	430	145	3, 4, and 5	30.10.24
Bittern .. ..	E/M.	Frankston ..	A.C., 1 ph. ..	130	29	3, 4, and 5	22.12.37
Blampied .. ..	Ball.	Daylesford ..	A.C., 1 ph. ..	50	6	3, 4, and 5	23.4.47
Boisdale .. ..	Gipps.	Maffra ..	A.C., 1 ph. ..	510	189	3, 4, and 5	13.7.37
Bona Vista .. ..	Gipps.	Warragul ..	A.C., 1 ph. ..	104	40	3, 4, and 5	30.12.38
Bonegilla .. ..	N/E.	Wodonga ..	A.C., 3 ph. ..	45	26	3, 4, and 5	18.12.40
Bonnie Doon .. ..	N/E.	Alexandra ..	A.C., 1 ph. ..	270	48	3, 4, and 5	31.1.41
Bookar .. ..	S/W.	Camperdown ..	A.C., 1 ph.* ..	30	6	3, 4, and 5	10.8.37
Boolarra .. ..	Gipps.	Traralgon ..	A.C., 3 ph. and 1 ph.	420	82	3, 4, and 5	29.10.24
Boolarra South .. ..	Gipps.	Leongatha ..	A.C., 1 ph. ..	90	23	3, 4, and 5	1.8.40
Boronia .. ..	E/M.	Ringwood ..	A.C., 3 ph. and 1 ph.	1,784	672	3, 4, and 5	23.1.27
Bostock's Creek .. ..	S/W.	Camperdown ..	A.C., 1 ph.* ..	50	13	3, 4, and 5	15.12.24
Bowen Vale .. ..	Mid.	Maryborough ..	A.C., 1 ph. ..	50	7	3, 4, and 5	10.5.40
Bowser .. ..	N/E.	Wangaratta ..	A.C., 3 ph. ..	90	7	3, 4, and 5	23.4.34
Braeside .. ..	{ Metro. and E/M.	{ Melbourne Dandenong }	A.C., 3 ph. and 1 ph.	167	45	3, 4, and 5	27.6.30
Brandy Creek .. ..	Gipps.	Warragul ..	A.C., 1 ph. ..	70	21	3, 4, and 5	15.2.39
Briagolong .. ..	Gipps.	Maffra ..	A.C., 1 ph. ..	500	116	3, 4, and 5	5.3.37
Briar Hill .. ..	E/M.	Greensborough ..	A.C., 3 ph. ..	455	158	3, 4, and 5	12.5.26
Bridgewater .. ..	Bend.	Inglewood ..	A.C., 3 ph. and 1 ph.	500	132	3, 4, and 5	27.4.40
Bright .. ..	N/E.	Myrtleford ..	A.C., 3 ph. ..	1,585	250	3, 4, and 5	1.12.41
Broadford .. ..	N/E.	Seymour ..	A.C., 3 ph. ..	1,294	217	3, 4, and 5	31.8.48
Broadmeadows .. ..	Metro.	Melbourne ..	A.C., 3 ph. ..	540	112	3, 4, and 5	18.11.35
Broomfield .. ..	Ball.	Daylesford ..	A.C., 1 ph. ..	45	5	3, 4, and 5	17.2.49
Bruthen .. ..	Gipps.	Lakes Entrance ..	A.C., 1 ph. ..	620	135	3, 4, and 5	1.10.30
Buckley .. ..	S/W.	Colac ..	A.C., 1 ph.* ..	12	2	3, 4, and 5	20.9.48
Buffalo River .. ..	N/E.	Myrtleford ..	A.C., 3 ph. and 1 ph.	48	6	3, 4, and 5	24.1.45
Bulla .. ..	Mid.	Bacchus Marsh ..	A.C., 1 ph. ..	210	25	3, 4, and 5	10.11.36
Bullaharrie .. ..	S/W.	Camperdown ..	A.C., 1 ph.* ..	21	12	3, 4, and 5	30.10.45
Bullock Swamp .. ..	S/W.	Colac ..	A.C., 1 ph.* ..	52	15	3, 4, and 5	12.9.24
Buln Buln .. ..	Gipps.	Warragul ..	A.C., 1 ph. ..	211	69	3, 4, and 5	1.12.30
Bundalaguah .. ..	Gipps.	Sale ..	A.C., 1 ph. ..	250	39	3, 4, and 5	13.11.36
Bundoora .. ..	E/M.	Greensborough ..	A.C., 3 ph. and 1 ph.	146	45	3, 4, and 5	31.12.27
Bungaree .. ..	Ball.	Ballarat ..	A.C., 3 ph. ..	180	50	3, 4, and 5	14.5.40
Bung Bong .. ..	Mid.	Maryborough ..	A.C., 3 ph. and 1 ph.	20	9	3, 4, and 5	21.4.41
Buninyong .. ..	Ball.	Ballarat ..	A.C., 1 ph. ..	665	157	3, 4, and 5	14.1.37
Bunyip .. ..	Gipps.	Koo-wee-rup ..	A.C., 3 ph. and 1 ph.	1,000	156	3, 4, and 5	15.10.28
Burramine .. ..	N/E.	Yarrawonga ..	A.C., 3 ph. and 1 ph.	90	28	3, 4, and 5	12.9.35
Burrumbet .. ..	Ball.	Ballarat ..	A.C., 3 ph. and 1 ph.	150	39	3, 4, and 5	15.12.47
Burwood (see also Metro- politan Centres)	E/M.	Dandenong ..	A.C., 1 ph. ..	30	10	3, 4, and 5	7.10.38
Byaduk .. ..	S/W.	Port Fairy ..	A.C., 1 ph.* ..	80	27	3, 4, and 5	10.12.48
Byrneside .. ..	N/E.	Shepparton ..	A.C., 1 ph. ..	65	41	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. ..	300	76	3, 4, and 5	13.12.48
Campbellfield .. ..	Metro.	Melbourne ..	A.C., 3 ph. and 1 ph.	432	66	3, 4, and 5	14.9.36
Campbell's Creek .. ..	Mid.	Castlemaine ..	A.C., 1 ph. ..	500	131	3, 4, and 5	28.11.41
Campbell's Forest .. ..	Bend.	Inglewood ..	A.C., 1 ph. ..	25	5	3, 4, and 5	22.3.48
Camperdown .. ..	S/W.	Camperdown ..	A.C., 3 ph. and 1 ph.*	3,600	947	2, 4, and 5	30.12.23
Camperdown Rural .. ..	S/W.	Camperdown ..	A.C., 3 ph. and 1 ph.	2,028	669	3, 4, and 5	9.1.36
Caramut .. ..	S/W.	Terang ..	A.C., 1 ph. ..	170	45	3, 4, and 5	12.8.38
Carisbrook .. ..	Mid.	Maryborough ..	A.C., 3 ph. and 1 ph.	350	156	3, 4, and 5	24.11.37
Carlsruhe .. ..	Mid.	Kyneton ..	A.C., 1 ph. ..	64	4	3, 4, and 5	13.9.44
Carranballac .. ..	S/W.	Terang ..	A.C., 1 ph.* ..	60	6	3, 4, and 5	18.10.39
Carrum Rural .. ..	E/M.	Chelsea ..	A.C., 3 ph. ..	80	26	3, 4, and 5	31.12.44
Castlemaine .. ..	Mid.	Castlemaine ..	A.C., 3 ph. and 1 ph.	6,798	1,644	2, 4, and 5	31.12.29
Catani .. ..	Gipps.	Koo-wee-rup ..	A.C., 1 ph. ..	200	92	3, 4, and 5	27.10.36
Ceres .. ..	Geel.	Geelong ..	A.C., 1 ph. ..	280	41	3, 4, and 5	26.11.45
Chelsea Rural .. ..	E/M.	Chelsea ..	A.C., 1 ph. ..	60	23	3, 4, and 5	31.12.44
Chewton .. ..	Mid.	Castlemaine ..	A.C., 3 ph. ..	700	114	3, 4, and 5	23.9.38
Chiltern .. ..	N/E.	Rutherglen ..	A.C., 3 ph. ..	1,206	195	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.	Bacchus Marsh ..	A.C., 1 ph. ..	23	7	3, 4, and 5	13.3.45
Clayton .. ..	{ Metro. and E/M.	{ Melbourne Dandenong }	A.C., 3 ph. and 1 ph.	1,506	424	3, 4, and 5	30.4.26
Clayton South .. ..	Metro.	Melbourne ..	A.C., 3 ph. ..	46	9	3, 4, and 5	10.11.44
Clematis .. ..	E/M.	Belgrave ..	A.C., 1 ph. ..	117	45	3, 4, and 5	24.8.34
Clifton Springs .. ..	Geel.	Queenscliff ..	A.C., 1 ph. ..	30	3	3, 4, and 5	15.12.26
Cloverlea .. ..	Gipps.	Trafalgar ..	A.C., 1 ph. ..	248	88	3, 4, and 5	7.4.30
Clunes .. ..	Ball.	Ballarat ..	A.C., 3 ph. ..	1,000	270	3, 4, and 5	9.2.38
Clydebank .. ..	Gipps.	Sale ..	A.C., 1 ph. ..	100	22	3, 4, and 5	9.4.36
Cobden .. ..	S/W.	Camperdown ..	A.C., 3 ph. and 1 ph.*	800	304	3, 4, and 5	26.3.24
Cobram .. ..	N/E.	Cobram ..	A.C., 3 ph. ..	1,050	381	3, 4, and 5	1.10.28
Cobrico .. ..	S/W.	Camperdown ..	A.C., 1 ph.* ..	5	3	3, 4, and 5	22.12.38
Coghill's Creek .. ..	Ball.	Ballarat ..	A.C., 1 ph. ..	25	14	3, 4, and 5	7.2.46
Colac .. ..	S/W.	Colac ..	A.C., 3 ph. and 1 ph.	6,800	2,018	2, 4, and 5	1.9.23
Colac Rural .. ..	S/W.	Colac ..	A.C., 3 ph. and 1 ph.	2,370	798	3, 4, and 5	9.1.36
Coldstream .. ..	E/M.	Healesville ..	A.C., 3 ph. and 1 ph.	139	49	3, 4, and 5	1.7.33
Coleraine .. ..	S/W.	Hamilton ..	A.C., 3 ph. and 1 ph.*	1,020	317	3, 4, and 5	1.7.46
Condah Swamp .. ..	S/W.	Port Fairy ..	A.C., 1 ph. ..	80	5	3, 4, and 5	18.10.45
Congupna .. ..	N/E.	Shepparton ..	A.C., 3 ph. ..	66	26	3, 4, and 5	7.9.34

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. 7, Columns No.	Date Supply First Undertaken by Commission.
<b>Country—continued.</b>							
Connewarre .. ..	Geel.	Queenscliff ..	A.C., 1 ph. ..	150	13	3, 4, and 5	10.8.44
Coragulac .. ..	S/W.	Colac .. ..	A.C., 1 ph.* ..	100	21	3, 4, and 5	30.4.24
Cora Lynn .. ..	Gipps.	Koo-wee-rup ..	A.C., 3 ph. and 1 ph.	300	102	3, 4, and 5	9.8.35
Cororooke .. ..	S/W.	Colac .. ..	A.C., 3 ph. and 1 ph.*	410	87	3, 4, and 5	27.3.24
Corunnum .. ..	S/W.	Colac .. ..	A.C., 1 ph. ..	23	6	3, 4, and 5	12.7.44
Couangalt .. ..	Mid.	Bacchus Marsh ..	A.C., 1 ph. ..	63	5	3, 4, and 5	1.8.37
Cowwarr .. ..	Gipps.	Traralgon .. ..	A.C., 3 ph. and 1 ph.	375	100	3, 4, and 5	8.11.24
Craigieburn .. ..	Metro.	Melbourne .. ..	A.C., 3 ph. ..	140	25	3, 4, and 5	18.7.42
Cranbourne .. ..	E/M.	Dandenong .. ..	A.C., 1 ph. ..	507	194	3, 4, and 5	12.9.28
Cressy .. ..	S/W.	Colac .. ..	A.C., 1 ph. ..	320	84	3, 4, and 5	19.11.41
Creswick .. ..	Ball.	Ballarat .. ..	A.C., 3 ph. and 1 ph.	1,700	425	3, 4, and 5	24.11.37
Crib Point .. ..	E/M.	Frankston .. ..	A.C., 1 ph. ..	660	194	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
Croydon .. ..	E/M.	Ringwood .. ..	A.C., 3 ph. and 1 ph.	2,800	1,298	6	1.4.25
Cudgee .. ..	S/W.	Warrnambool ..	A.C., 1 ph.* ..	45	13	3, 4, and 5	7.12.38
Curlewis .. ..	Geel.	Queenscliff ..	A.C., 1 ph. ..	80	18	3, 4, and 5	21.9.46
Dalmore .. ..	Gipps.	Koo-wee-rup ..	A.C., 3 ph. and 1 ph.	150	37	3, 4, and 5	29.1.37
Dalyston .. ..	Gipps.	Korumburra .. ..	A.C., 1 ph. ..	200	48	3, 4, and 5	15.11.40
Dandenong .. ..	E/M.	Dandenong .. ..	A.C., 3 ph. and 1 ph.	6,700	2,309	2, 4, and 5	1.10.23
Darley .. ..	Mid.	Bacchus Marsh ..	A.C., 3 ph. and 1 ph.	(See Bacchus Marsh)		3, 4, and 5	9.9.40
Darlington .. ..	S/W.	Camperdown ..	A.C., 1 ph. ..	80	17	3, 4, and 5	22.4.38
Darnum .. ..	Gipps.	Trafalgar .. ..	A.C., 3 ph. ..	300	69	3, 4, and 5	20.12.24
Dawson .. ..	Gipps.	Maffra .. ..	A.C., 1 ph. ..	20	6	3, 4, and 5	16.4.37
Daylesford .. ..	Ball.	Daylesford .. ..	A.C., 3 ph. ..	3,175	936	2, 4, and 5	31.10.40
Dederang .. ..	N/E.	Wodonga .. ..	A.C., 1 ph. ..	250	8	3, 4, and 5	6.5.49
Deer Park .. ..	Metro.	Sunshine .. ..	A.C., 3 ph. ..	637	121	3, 4, and 5	14.2.29
Deer Park Rural ..	Mid.	Bacchus Marsh ..	A.C., 1 ph. ..	8	3	3, 4, and 5	18.5.48
Dennington .. ..	S/W.	Warrnambool ..	A.C., 3 ph. and 1 ph.*	480	107	3, 4, and 5	1.2.29
Derrinallum .. ..	S/W.	Camperdown ..	A.C., 1 ph. ..	200	86	3, 4, and 5	20.4.38
Devenish .. ..	N/E.	Yarrawonga .. ..	A.C., 3 ph. ..	210	49	3, 4, and 5	14.2.40
Devon North .. ..	Gipps.	Yarram .. ..	A.C., 1 ph. ..	242	25	3, 4, and 5	31.7.46
Diamond Creek ..	E/M.	Greensborough ..	A.C., 3 ph. and 1 ph.	560	163	3, 4, and 5	10.5.29
Digger's Rest .. ..	Mid.	Bacchus Marsh ..	A.C., 3 ph. and 1 ph.	127	45	3, 4, and 5	15.3.29
Dingee .. ..	Bend.	Inglewood .. ..	A.C., 1 ph. ..	300	67	3, 4, and 5	9.11.44
Dingley .. ..	E/M.	Dandenong .. ..	A.C., 3 ph. and 1 ph.	369	89	3, 4, and 5	10.10.29
Dixie .. ..	S/W.	Terang .. ..	A.C., 1 ph.* ..	20	4	3, 4, and 5	24.9.45
Donnybrook .. ..	E/M.	Greensborough ..	A.C., 1 ph. ..	230	23	3, 4, and 5	11.3.41
Dookie .. ..	N/E.	Shepparton .. ..	A.C., 1 ph. ..	270	71	3, 4, and 5	8.3.37
Driffield .. ..	Gipps.	Traralgon .. ..	A.C., 1 ph. ..	100	20	3, 4, and 5	6.4.38
Dromana .. ..	E/M.	Sorrento .. ..	A.C., 3 ph. and 1 ph.	855	489	3, 4, and 5	8.12.27
Drouin .. ..	Gipps.	Warragul .. ..	A.C., 3 ph. ..	1,622	425	3, 4, and 5	1.10.24
Drouin Rural .. ..	Gipps.	Warragul .. ..	A.C., 1 ph. ..	212	74	3, 4, and 5	13.11.28
Drouin West .. ..	Gipps.	Warragul .. ..	A.C., 1 ph. ..	76	23	3, 4, and 5	18.2.39
Drysdale .. ..	Geel.	Queenscliff ..	A.C., 1 ph. ..	1,300	253	3, 4, and 5	13.2.24
Dumbalk .. ..	Gipps.	Leongatha .. ..	A.C., 3 ph. and 1 ph.	150	79	3, 4, and 5	14.9.36
Dumbalk North ..	Gipps.	Leongatha .. ..	A.C., 1 ph. ..	100	91	3, 4, and 5	7.8.39
Dundonnell .. ..	S/W.	Camperdown ..	A.C., 1 ph.* ..	17	8	3, 4, and 5	22.4.47
Dunkeld .. ..	S/W.	Hamilton .. ..	A.C., 1 ph. ..	390	97	3, 4, and 5	10.8.39
Dunnstown .. ..	Ball.	Ballarat .. ..	A.C., 1 ph. ..	100	27	3, 4, and 5	2.6.49
Dunolly .. ..	Mid.	Maryborough ..	A.C., 3 ph. ..	657	213	3, 4, and 5	31.3.38
East Oakleigh (see also Metropolitan Centres)	E/M.	Dandenong .. ..	A.C., 3 ph. and 1 ph.	38	14	3, 4, and 5	19.7.26
Eastern View .. ..	S/W.	Lorne .. ..	A.C., 1 ph.* ..	45	19	3, 4, and 5	7.9.39
Echuca .. ..	N/E.	Echuca .. ..	A.C., 3 ph. ..	5,200	1,319	2, 4, and 5	10.11.24
Echuca Rural .. ..	N/E.	Echuca .. ..	A.C., 3 ph. and 1 ph.	252	98	3, 4, and 5	12.11.36
Edithvale Rural ..	E/M.	Chelsea .. ..	A.C., 1 ph. ..	44	9	3, 4, and 5	31.12.44
Eildon Weir .. ..	N/E.	Alexandra .. ..	A.C., 1 ph. ..	115	22	3, 4, and 5	28.4.39
†Eldorado .. ..	N/E.	Wangaratta .. ..	A.C., 3 ph. ..	204	36	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. ..	108	50	3, 4, and 5	9.9.36
Elmore .. ..	Bend.	Bendigo .. ..	A.C., 3 ph. ..	700	256	3, 4, and 5	2.9.47
Elphinstone .. ..	Mid.	Castlemaine .. ..	A.C., 1 ph. ..	215	27	3, 4, and 5	4.11.38
Eltham .. ..	E/M.	Greensborough ..	A.C., 1 ph. ..	1,405	437	3, 4, and 5	12.8.26
Emerald .. ..	E/M.	Belgrave .. ..	A.C., 1 ph. ..	998	208	3, 4, and 5	7.8.34
Epping .. ..	E/M.	Greensborough ..	A.C., 3 ph. and 1 ph.	321	114	3, 4, and 5	15.7.36
Euroa .. ..	N/E.	Euroa .. ..	A.C., 3 ph. ..	3,340	672	3, 4, and 5	20.3.28
Eurobin .. ..	N/E.	Myrtleford .. ..	A.C., 3 ph. ..	72	36	3, 4, and 5	1.8.44
Everton .. ..	N/E.	Myrtleford .. ..	A.C., 3 ph. ..	61	36	3, 4, and 5	8.8.45
Exford .. ..	Mid.	Bacchus Marsh ..	A.C., 1 ph. ..	(See Melton)		3, 4, and 5	20.12.39
Ferny Creek .. ..	E/M.	Belgrave .. ..	A.C., 3 ph. and 1 ph.	344	55	3, 4, and 5	2.9.27
Fish Creek .. ..	Gipps.	Foster .. ..	A.C., 3 ph. and 1 ph.	370	154	3, 4, and 5	9.7.38
Flinders .. ..	E/M.	Mornington .. ..	A.C., 1 ph. ..	253	126	3, 4, and 5	28.10.38
Flynn .. ..	Gipps.	Traralgon .. ..	A.C., 1 ph. ..	205	54	3, 4, and 5	5.9.38
Foster .. ..	Gipps.	Foster .. ..	A.C., 3 ph. and 1 ph.	700	233	3, 4, and 5	30.4.38
Frankston .. ..	E/M.	Frankston .. ..	A.C., 3 ph. and 1 ph.	5,003	2,520	2, 4, and 5	21.2.28
Freeburgh .. ..	N/E.	Myrtleford .. ..	A.C., 3 ph. ..	20	1	3, 4, and 5	20.11.47
Freshwater Creek ..	Geel.	Geelong .. ..	A.C., 1 ph. ..	60	18	3, 4, and 5	30.4.41
Gainsborough .. ..	Gipps.	Warragul .. ..	A.C., 1 ph. ..	150	30	3, 4, and 5	28.9.36
Gapsted .. ..	N/E.	Myrtleford .. ..	A.C., 3 ph. ..	193	54	3, 4, and 5	13.4.44
Garfield .. ..	Gipps.	Koo-wee-rup ..	A.C., 1 ph. ..	675	125	3, 4, and 5	1.8.29

## 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. 7, Columns No.	Date Supply First Undertaken by Commission.
<b>Country—continued.</b>							
Garvoc .. .. .	S/W.	Terang ..	A.C., 1 ph.* ..	150	26	3, 4, and 5	25.9.37
Geelong .. .. .	S/W.	Camperdown ..	A.C., 1 ph.* ..	12	4	3, 4, and 5	6.12.44
Geelong Rural .. .. .	Geel.	Geelong ..	A.C., 3 ph. and 1 ph.	120	44	3, 4, and 5	10.10.38
Gelliondale .. .. .	Gipps.	Yarram ..	A.C., 1 ph. ..	102	9	3, 4, and 5	23.1.47
Girgarre .. .. .	N/E.	Kyabram ..	A.C., 3 ph. ..	265	106	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.	Bacchus Marsh ..	A.C., 3 ph. and 1 ph.	1,225	179	3, 4, and 5	1.10.28
Glen Alvie .. .. .	Gipps.	Korumburra ..	A.C., 1 ph. ..	250	37	3, 4, and 5	23.12.40
Glen Forbes .. .. .	Gipps.	Korumburra ..	A.C., 3 ph. ..	350	42	3, 4, and 5	11.3.43
Glengarry .. .. .	Gipps.	Traralgon ..	A.C., 3 ph. and 1 ph.	350	98	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. and 1 ph.*	100	27	3, 4, and 5	10.9.29
Glenthompson .. .. .	S/W.	Terang ..	A.C., 1 ph. ..	220	77	3, 4, and 5	17.10.47
Glenvale .. .. .	E/M.	Greensborough ..	A.C., 1 ph. ..	169	41	3, 4, and 5	12.4.40
Glen Waverley .. .. .	E/M.	Dandenong ..	A.C., 1 ph. ..	600	174	3, 4, and 5	1.6.28
Gnarwarre .. .. .	Geel.	Geelong ..	A.C., 1 ph. ..	150	6	3, 4, and 5	10.12.45
Gnotuk .. .. .	S/W.	Camperdown ..	A.C., 1 ph.* ..	63	17	3, 4, and 5	1.3.36
Gooram .. .. .	N/E.	Euroa ..	A.C., 1 ph. ..	50	30	3, 4, and 5	11.5.39
Goorambat .. .. .	N/E.	Benalla ..	A.C., 3 ph. ..	79	51	3, 4, and 5	19.2.40
Goorong .. .. .	Bend.	Bendigo ..	A.C., 3 ph. ..	150	38	3, 4, and 5	23.12.48
Gordon .. .. .	Ball.	Ballarat ..	A.C., 1 ph. ..	300	46	3, 4, and 5	29.5.40
Gormandale .. .. .	Gipps.	Traralgon ..	A.C., 3 ph. and 1 ph.	270	80	3, 4, and 5	14.10.38
Grahamvale .. .. .	N/E.	Shepparton ..	A.C., 1 ph. ..	(See Shepparton East)		3, 4, and 5	20.7.37
Grassy Spur .. .. .	Gipps.	Foster ..	A.C., 1 ph. ..	90	44	3, 4, and 5	26.10.39
Greensborough .. .. .	E/M.	Greensborough ..	A.C., 3 ph. ..	1,374	409	3, 4, and 5	23.3.26
Greenvale .. .. .	Metro.	Melbourne ..	A.C., 3 ph. ..	144	29	3, 4, and 5	15.7.38
Gundowring .. .. .	N/E.	Wodonga ..	A.C., 1 ph. ..	300	43	3, 4, and 5	6.5.49
Hallam .. .. .	E/M.	Dandenong ..	A.C., 1 ph. ..	212	85	3, 4, and 5	27.8.37
Hallora .. .. .	Gipps.	Warragul ..	A.C., 1 ph. ..	53	16	3, 4, and 5	12.12.44
Hamilton .. .. .	S/W.	Hamilton ..	A.C., 3 ph. and 1 ph.* D.C., 2 wire	7,600	1,966	2, 4, and 5	1.7.46
Hamilton Rural .. .. .	S/W.	Hamilton ..	A.C., 3 ph. and 1 ph.*	230	20	3, 4, and 5	1.7.46
Hampton Park .. .. .	E/M.	Dandenong ..	A.C., 1 ph. ..	281	79	3, 4, and 5	29.6.42
Harcourt .. .. .	Mid.	Castlemaine ..	A.C., 3 ph. and 1 ph.	500	234	3, 4, and 5	9.4.33
Harkaway .. .. .	E/M.	Dandenong ..	A.C., 3 ph. and 1 ph.	168	54	3, 4, and 5	31.7.40
†Harrietteville .. .. .	N/E.	Myrtleford ..	A.C., 3 ph. ..	164	69	3, 4, and 5	29.6.40
Harrisfield .. .. .	E/M.	Dandenong ..	A.C., 1 ph. ..	488	90	2, 4, and 5	22.10.35
Hastings .. .. .	E/M.	Frankston ..	A.C., 3 ph. and 1 ph.	535	185	3, 4, and 5	28.3.27
Hawkesdale .. .. .	S/W.	Port Fairy ..	A.C., 1 ph.* ..	220	26	3, 4, and 5	26.4.40
Hazelwood .. .. .	Gipps.	Traralgon ..	A.C., 1 ph. ..	290	98	3, 4, and 5	9.9.36
Hazelwood North .. .. .	Gipps.	Traralgon ..	A.C., 1 ph. ..	150	61	3, 4, and 5	21.12.37
Healesville .. .. .	E/M.	Healesville ..	A.C., 3 ph. and 1 ph.	3,350	796	3, 4, and 5	1.4.33
Heatherton .. .. .	Metro.	Melbourne ..	A.C., 3 ph. ..	43	8	3, 4, and 5	10.12.40
Heathmont .. .. .	E/M.	Ringwood ..	A.C., 1 ph. ..	273	97	6	25.3.37
Hedley .. .. .	Gipps.	Yarram ..	A.C., 1 ph. ..	100	12	3, 4, and 5	6.5.47
Hepburn Springs .. .. .	Ball.	Daylesford ..	A.C., 3 ph. ..	630	302	3, 4, and 5	1.10.40
Herne's Oak .. .. .	Gipps.	Traralgon ..	A.C., 1 ph. ..	465	123	3, 4, and 5	18.9.36
Hexham .. .. .	S/W.	Terang ..	A.C., 1 ph. ..	120	19	3, 4, and 5	8.7.38
Heyfield .. .. .	Gipps.	Maffra ..	A.C., 3 ph. and 1 ph.	1,400	287	3, 4, and 5	15.9.24
Hillside .. .. .	Gipps.	Bairnsdale ..	A.C., 1 ph. ..	50	28	3, 4, and 5	29.5.36
Hoddle .. .. .	Gipps.	Foster ..	A.C., 1 ph. ..	50	20	3, 4, and 5	2.10.47
Huntly .. .. .	Bend.	Bendigo ..	A.C., 1 ph. ..	250	79	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.* ..	100	28	3, 4, and 5	30.9.37
Inglewood .. .. .	Bend.	Inglewood ..	A.C., 3 ph. ..	1,050	277	3, 4, and 5	3.12.46
Inverloch .. .. .	Gipps.	Korumburra ..	A.C., 1 ph. ..	480	201	3, 4, and 5	1.10.34
Iona .. .. .	Gipps.	Koo-wee-rup ..	A.C., 1 ph. ..	413	30	3, 4, and 5	10.7.42
Irrewarra .. .. .	S/W.	Colac ..	A.C., 1 ph.* ..	150	27	3, 4, and 5	23.2.26
Jack River .. .. .	Gipps.	Yarram ..	A.C., 1 ph. ..	150	50	3, 4, and 5	31.7.46
Jancourt .. .. .	S/W.	Camperdown ..	A.C., 1 ph. ..	50	4	3, 4, and 5	25.5.39
Janefield .. .. .	E/M.	Greensborough ..	A.C., 1 ph. ..	33	11	3, 4, and 5	14.1.47
Jeetho .. .. .	Gipps.	Korumburra ..	A.C., 1 ph. ..	150	17	3, 4, and 5	4.11.41
Jindivick .. .. .	Gipps.	Warragul ..	A.C., 1 ph. ..	225	101	3, 4, and 5	23.8.38
Johnsonville .. .. .	Gipps.	Lakes Entrance ..	A.C., 1 ph. ..	120	41	3, 4, and 5	24.1.36
Joyce's Creek .. .. .	Mid.	Castlemaine ..	A.C., 3 ph. and 1 ph.	70	4	3, 4, and 5	16.12.39
Jumbunna .. .. .	Gipps.	Korumburra ..	A.C., 1 ph. ..	370	46	3, 4, and 5	24.10.30
Kalimna .. .. .	Gipps.	Lakes Entrance ..	A.C., 1 ph. ..	149	23	3, 4, and 5	6.12.28
Kalkallo .. .. .	E/M.	Greensborough ..	A.C., 1 ph. ..	42	10	3, 4, and 5	11.3.41
Kallista .. .. .	E/M.	Belgrave ..	A.C., 3 ph. and 1 ph.	473	220	3, 4, and 5	19.8.27
Kalorama .. .. .	E/M.	Belgrave ..	A.C., 1 ph. ..	280	125	3, 4, and 5	31.5.34
Kangaroo Flat (see also Bendigo Centres)	Bend.	Bendigo ..	A.C., 1 ph. ..	50	17	3, 4, and 5	6.9.46
Kangaroo Ground .. .. .	E/M.	Greensborough ..	A.C., 1 ph. ..	40	4	3, 4, and 5	27.2.45
Kardella South .. .. .	Gipps.	Korumburra ..	A.C., 1 ph. ..	110	10	3, 4, and 5	23.9.36
Kariah .. .. .	S/W.	Camperdown ..	A.C., 1 ph.* ..	19	7	3, 4, and 5	12.11.38
Katamatite .. .. .	N/E.	Cobram ..	A.C., 1 ph. ..	249	60	3, 4, and 5	14.7.39
Katandra .. .. .	N/E.	Shepparton ..	A.C., 1 ph. ..	273	192	3, 4, and 5	10.10.45
Katunga .. .. .	N/E.	Numurkah ..	A.C., 3 ph. ..	22	18	3, 4, and 5	10.12.41
Keilor .. .. .	Mid.	Bacchus Marsh ..	A.C., 3 ph. and 1 ph.	416	106	3, 4, and 5	21.11.35
Kergunyah .. .. .	N/E.	Wodonga ..	A.C., 1 ph. ..	90	61	3, 4, and 5	15.6.45

## 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. 7, Columns No.	Date Supply First Undertaken by Commission.
<b>Country—continued.</b>							
Kerrisdale .. ..	N/E.	Alexandra ..	A.C., 1 ph. ..	(See Yea)	68	3, 4, and 5	5.3.46
Keysborough .. ..	E/M.	Dandenong ..	A.C., 1 ph. ..	236	13	3, 4, and 5	21.8.41
Kialla East .. ..	N/E.	Shepparton ..	A.C., 1 ph. ..	35	22	3, 4, and 5	5.4.46
Kiewa .. ..	N/E.	Wodonga ..	A.C., 1 ph. ..	200	187	3, 4, and 5	12.4.39
Kilfeara .. ..	N/E.	Benalla ..	A.C., 1 ph. ..	(See Benalla Rural)	80	3, 4, and 5	24.12.41
Killarney .. ..	S/W.	Port Fairy ..	A.C., 1 ph.* ..	130	3	3, 4, and 5	14.5.35
Kilmany .. ..	Gipps.	Sale ..	A.C., 1 ph. ..	125	13	3, 4, and 5	14.6.49
Kilmany South .. ..	Gipps.	Sale ..	A.C., 1 ph. ..	271	102	6	1.7.39
Kilsyth .. ..	E/M.	Ringwood ..	A.C., 1 ph. ..	200	40	3, 4, and 5	1.4.25
Kingston .. ..	Ball.	Daylesford ..	A.C., 1 ph. ..	80	7	3, 4, and 5	16.9.39
Kirkstall .. ..	S/W.	Port Fairy ..	A.C., 1 ph.* ..	70	20	3, 4, and 5	9.4.40
Kolara .. ..	S/W.	Terang ..	A.C., 1 ph.* ..	340	131	3, 4, and 5	21.3.25
Kongwak .. ..	Gipps.	Korumburra ..	A.C., 3 ph. and 1 ph. ..	100	25	3, 4, and 5	10.10.30
Koonwarra .. ..	Gipps.	Leongatha ..	A.C., 1 ph. ..	1,100	326	3, 4, and 5	24.9.40
Koo-wee-rup .. ..	Gipps.	Koo-wee-rup ..	A.C., 3 ph. and 1 ph. ..	182	28	3, 4, and 5	1.8.35
Koo-wee-rup North .. ..	Gipps.	Koo-wee-rup ..	A.C., 3 ph. and 1 ph. ..	1,700	283	3, 4, and 5	28.11.41
Koroit .. ..	S/W.	Port Fairy ..	A.C., 3 ph. and 1 ph.* ..	30	4	3, 4, and 5	1.12.28
Korongah .. ..	S/W.	Port Fairy ..	A.C., 1 ph.* ..	50	12	3, 4, and 5	4.5.38
Korrine .. ..	Gipps.	Korumburra ..	A.C., 1 ph. ..	3,400	708	3, 4, and 5	19.12.40
Korumburra .. ..	Gipps.	Korumburra ..	A.C., 3 ph. and 1 ph. ..	120	53	2, 4, and 5	1.12.24
Korumburra Rural .. ..	Gipps.	Korumburra ..	A.C., 1 ph. ..	100	9	3, 4, and 5	1.11.35
Korumburra South .. ..	Gipps.	Korumburra ..	A.C., 1 ph. ..	(See Echuca Rural)	721	3, 4, and 5	1.12.44
Koyuga .. ..	N/E.	Echuca ..	A.C., 1 ph. ..	2,235	721	3, 4, and 5	12.11.36
Kyabram .. ..	N/E.	Kyabram ..	A.C., 3 ph. ..	504	136	3, 4, and 5	1.12.26
Kyabram Rural .. ..	N/E.	Kyabram ..	A.C., 3 ph. and 1 ph. ..	3,894	1,028	3, 4, and 5	6.10.28
Kyneton .. ..	Mid.	Kyneton ..	A.C., 3 ph. and 1 ph. ..	200	158	2, 4, and 5	1.10.29
Ky Valley .. ..	N/E.	Kyabram ..	A.C., 3 ph. ..			3, 4, and 5	27.7.40
Laanecoorie .. ..	Mid.	Maryborough ..	A.C., 3 ph. ..	90	15	3, 4, and 5	21.2.46
Lake Bolac .. ..	S/W.	Terang ..	A.C., 1 ph.* ..	220	53	3, 4, and 5	5.8.38
Lake Gillear .. ..	S/W.	Warrnambool ..	A.C., 1 ph. ..	50	9	3, 4, and 5	8.7.38
Lakes Entrance .. ..	Gipps.	Lakes Entrance ..	A.C., 3 ph. and 1 ph. ..	1,152	294	3, 4, and 5	19.12.28
Lancaster .. ..	N/E.	Kyabram ..	A.C., 1 ph. ..	120	43	3, 4, and 5	1.6.35
Lance Creek .. ..	Gipps.	Korumburra ..	A.C., 1 ph. ..	90	31	3, 4, and 5	12.4.46
Lancefield .. ..	Mid.	Bacchus Marsh ..	A.C., 3 ph. and 1 ph. ..	819	171	3, 4, and 5	27.3.29
Lang Lang .. ..	Gipps.	Koo-wee-rup ..	A.C., 3 ph. and 1 ph. ..	850	186	3, 4, and 5	2.9.35
Langwarrin .. ..	E/M.	Frankston ..	A.C., 3 ph. and 1 ph. ..	209	67	3, 4, and 5	14.8.33
Lara .. ..	Geel.	Geelong ..	A.C., 3 ph. and 1 ph. ..	350	90	3, 4, and 5	1.9.30
Lara Lake .. ..	Geel.	Geelong ..	A.C., 3 ph. and 1 ph. ..	(See Lara)		3, 4, and 5	1.9.30
Lardner .. ..	Gipps.	Warragul ..	A.C., 1 ph. ..	105	39	3, 4, and 5	7.2.39
Larpent .. ..	S/W.	Colac ..	A.C., 1 ph.* ..	14	3	3, 4, and 5	20.12.44
Laverton .. ..	Metro.	Werribee ..	A.C., 1 ph. ..	564	107	3, 4, and 5	22.11.38
Learmonth .. ..	Ball.	Ballarat ..	A.C., 3 ph. ..	400	74	3, 4, and 5	19.3.38
Leigh Creek .. ..	Ball.	Ballarat ..	A.C., 1 ph. ..	55	19	3, 4, and 5	27.8.40
Lemos .. ..	N/E.	Shepparton ..	A.C., 1 ph. ..	435	57	3, 4, and 5	1.12.38
Leneva .. ..	N/E.	Wodonga ..	A.C., 1 ph. ..	(See Kiewa)		3, 4, and 5	24.2.47
Leongatha .. ..	Gipps.	Leongatha ..	A.C., 3 ph. ..	2,000	752	2, 4, and 5	15.2.24
Leongatha Rural .. ..	Gipps.	Leongatha ..	A.C., 1 ph. ..	60	69	3, 4, and 5	1.8.28
Leongatha South .. ..	Gipps.	Leongatha ..	A.C., 1 ph. ..	150	54	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. ..	110	43	3, 4, and 5	20.4.45
Lilydale .. ..	E/M.	Ringwood ..	A.C., 3 ph. and 1 ph. ..	2,045	542	3, 4, and 5	1.4.25
Lindenow .. ..	Gipps.	Bairnsdale ..	A.C., 3 ph. and 1 ph. ..	250	60	3, 4, and 5	6.4.35
Lindenow South .. ..	Gipps.	Bairnsdale ..	A.C., 3 ph. and 1 ph. ..	150	36	3, 4, and 5	6.4.35
Linton .. ..	Ball.	Ballarat ..	A.C., 3 ph. ..	460	91	3, 4, and 5	7.9.39
Lismore .. ..	S/W.	Camperdown ..	A.C., 1 ph. ..	400	141	3, 4, and 5	26.4.38
Lismore Rural .. ..	S/W.	Camperdown ..	A.C., 1 ph. ..	750	212	3, 4, and 5	26.4.38
Loch .. ..	Gipps.	Korumburra ..	A.C., 1 ph. ..	600	173	3, 4, and 5	18.8.30
Lockington .. ..	N/E.	Rochester ..	A.C., 3 ph. ..	255	82	3, 4, and 5	7.8.47
Lockwood .. ..	E/M.	Belgrave ..	A.C., 1 ph. ..	212	105	3, 4, and 5	23.12.36
Longford .. ..	Gipps.	Sale ..	A.C., 3 ph. ..	50	3	3, 4, and 5	8.3.35
Longwarry .. ..	Gipps.	Koo-wee-rup ..	A.C., 3 ph. and 1 ph. ..	525	156	3, 4, and 5	11.10.28
Lorne .. ..	S/W.	Lorne ..	A.C., 3 ph. and 1 ph. ..	1,035	476	3, 4, and 5	15.12.36
Lorne Rural .. ..	S/W.	Lorne ..	A.C., 1 ph.* ..	45	2	3, 4, and 5	15.7.47
Lovely Banks .. ..	Geel.	Geelong ..	A.C., 3 ph. and 1 ph. ..	100	8	3, 4, and 5	17.5.41
Lower Ferntree Gully .. ..	E/M.	Belgrave ..	A.C., 3 ph. and 1 ph. ..	1,698	574	2, 4, and 5	24.8.25
Lower Plenty .. ..	E/M.	Greensborough ..	A.C., 1 ph. ..	516	158	3, 4, and 5	13.3.28
Lucknow .. ..	Gipps.	Bairnsdale ..	A.C., 3 ph. ..	150	82	3, 4, and 5	1.8.27
Lyndhurst .. ..	E/M.	Dandenong ..	A.C., 3 ph. ..	118	29	3, 4, and 5	19.1.38
Lysterfield .. ..	E/M.	Belgrave ..	A.C., 3 ph. and 1 ph. ..	210	49	3, 4, and 5	17.7.37
Macarthur .. ..	S/W.	Port Fairy ..	A.C., 1 ph. ..	400	95	3, 4, and 5	3.4.40
Macarthur Rural .. ..	S/W.	Port Fairy ..	A.C., 1 ph. ..	650	232	3, 4, and 5	3.4.40
Macedon .. ..	Mid.	Kyneton ..	A.C., 3 ph. and 1 ph. ..	1,471	342	3, 4, and 5	14.6.29
Maffra .. ..	Gipps.	Maffra ..	A.C., 3 ph. ..	3,100	766	2, 4, and 5	1.9.24
Maffra Rural .. ..	Gipps.	Maffra ..	A.C., 3 ph. and 1 ph. ..	250	81	3, 4, and 5	14.8.28
Magpie .. ..	Ball.	Ballarat ..	A.C., 1 ph. ..	30	9	3, 4, and 5	9.12.48
Maiden Gully .. ..	Bend.	Bendigo ..	A.C., 1 ph. ..	80	23	3, 4, and 5	18.4.47
Maindample .. ..	N/E.	Alexandra ..	A.C., 1 ph. ..	30	5	3, 4, and 5	20.5.41
Main Ridge .. ..	E/M.	Mornington ..	A.C., 3 ph. and 1 ph. ..	171	29	3, 4, and 5	13.5.48
Majorca .. ..	Mid.	Maryborough ..	A.C., 3 ph. ..	50	7	3, 4, and 5	11.4.45
Maldon .. ..	Mid.	Castlemaine ..	A.C., 3 ph. and 1 ph. ..	1,120	323	3, 4, and 5	1.7.36
Malmsbury .. ..	Mid.	Kyneton ..	A.C., 3 ph. and 1 ph. ..	674	94	3, 4, and 5	22.12.37
Mandurang .. ..	Bend.	Bendigo ..	A.C., 1 ph. ..	110	24	3, 4, and 5	23.5.45
Mannerim .. ..	Geel.	Queenscliff ..	A.C., 1 ph. ..	20	2	3, 4, and 5	21.9.46



## 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. 7. Columns No.	Date Supply First Undertaken by Commission.
<b>Country—continued.</b>							
Mansfield .. ..	N/E.	Alexandra ..	A.C., 3 ph. ..	836	347	3, 4, and 5	1.6.28
Marcus .. ..	Geel.	Queenscliff ..	A.C., 1 ph. ..	30	4	3, 4, and 5	10.8.36
Mardan .. ..	Gipps.	Leongatha ..	A.C., 1 ph. ..	150	38	3, 4, and 5	31.7.36
Markwood .. ..	N/E.	Wangaratta ..	A.C., 3 ph. ..	97	50	3, 4, and 5	26.7.46
Marshall .. ..	Geel.	Geelong .. ..	A.C., 1 ph. ..	100	27	3, 4, and 5	6.10.39
Maryborough ..	Mid.	Maryborough ..	A.C., 3 ph. ..	6,640	1,842	2, 4, and 5	1.10.37
Maryvale .. ..	Gipps.	Traralgon ..	A.C., 3 ph. and 1 ph.	256	58	3, 4, and 5	6.8.37
McCrae .. ..	E/M.	Sorrento .. ..	A.C., 3 ph. ..	386	206	3, 4, and 5	22.12.27
Meenyan .. ..	Gipps.	Leongatha ..	A.C., 1 ph. ..	300	145	3, 4, and 5	14.9.36
Melton .. ..	Mid.	Bacchus Marsh ..	A.C., 3 ph. and 1 ph.	476	164	3, 4, and 5	20.12.31
Melton South ..	Mid.	Bacchus Marsh ..	A.C., 3 ph. and 1 ph.	(See Melton)		3, 4, and 5	31.1.40
Mepunga .. ..	S/W.	Warrnambool ..	A.C., 1 ph.* ..	140	28	3, 4, and 5	30.5.49
Merna .. ..	E/M.	Greensborough ..	A.C., 1 ph. ..	224	33	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 North ..	E/M.	Mornington ..	A.C., 3 ph. and 1 ph.	77	35	3, 4, and 5	24.5.40
Merrigum .. ..	N/E.	Kyabram .. ..	A.C., 3 ph. ..	355	177	3, 4, and 5	22.2.27
Metropolitan Farm (Werribee)	Metro.	Werribee .. ..	A.C., 3 ph. ..	325	45	3, 4, and 5	15.12.33
Metung .. ..	Gipps.	Lakes Entrance ..	A.C., 1 ph. ..	250	60	3, 4, and 5	23.12.35
Mickleham .. ..	Metro.	Melbourne ..	A.C., 3 ph. and 1 ph.	50	7	3, 4, and 5	12.6.39
Milawa .. ..	N/E.	Wangaratta ..	A.C., 3 ph. ..	100	48	3, 4, and 5	27.7.39
Miner's Rest ..	Ball.	Ballarat .. ..	A.C., 3 ph. ..	70	36	3, 4, and 5	14.2.38
Mirboo .. ..	Gipps.	Leongatha ..	A.C., 1 ph. ..	70	51	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. and 1 ph.	700	240	3, 4, and 5	1.10.24
Moe .. ..	Gipps.	Trafalgar .. ..	A.C., 3 ph. ..	4,300	902	3, 4, and 5	23.9.23
Moe Rural .. ..	Gipps.	Trafalgar .. ..	A.C., 1 ph. ..	250	68	3, 4, and 5	14.7.30
Molesworth ..	N/E.	Alexandra ..	A.C., 1 ph. ..	(See Yea)		3, 4, and 5	5.3.46
Monbulk .. ..	E/M.	Belgrave .. ..	A.C., 3 ph. and 1 ph.	462	200	3, 4, and 5	30.11.36
Monegeetta ..	Mid.	Bacchus Marsh ..	A.C., 3 ph. and 1 ph.	83	19	3, 4, and 5	3.5.29
Monomeith ..	Gipps.	Koo-wee-rup ..	A.C., 1 ph. ..	75	28	3, 4, and 5	17.1.36
Montmorency ..	E/M.	Greensborough ..	A.C., 1 ph. ..	730	290	3, 4, and 5	11.5.26
Montrose .. ..	E/M.	Ringwood .. ..	A.C., 3 ph. and 1 ph.	563	226	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. ..	48	5	3, 4, and 5	14.2.38
Moorooduc .. ..	E/M.	{ Frankston Mornington }	A.C., 3 ph. and 1 ph.	243	83	3, 4, and 5	2.3.25
Mooroolbark ..	E/M.	Ringwood .. ..	A.C., 1 ph. ..	106	33	3, 4, and 5	16.9.36
Mooroopna .. ..	N/E.	Shepparton ..	A.C., 3 ph. ..	1,758	394	3, 4, and 5	1.10.26
Morang South ..	E/M.	Greensborough ..	A.C., 3 ph. and 1 ph.	279	53	3, 4, and 5	28.9.37
Mornington ..	E/M.	Mornington ..	A.C., 3 ph. and 1 ph.	3,835	985	2, 4, and 5	1.8.30
Mortlake .. ..	S/W.	Terang .. ..	A.C., 3 ph. and 1 ph.*	1,000	317	3, 4, and 5	16.5.24
Morwell .. ..	Gipps.	Traralgon .. ..	A.C., 3 ph. and 1 ph.	4,625	985	2, 4, and 5	1.4.26
Morwell Bridge ..	Gipps.	Traralgon .. ..	A.C., 1 ph. ..	350	109	3, 4, and 5	26.11.28
Mossface .. ..	Gipps.	Lakes Entrance ..	A.C., 1 ph. ..	100	13	3, 4, and 5	1.10.30
Mountain View ..	Gipps.	Korumburra ..	A.C., 1 ph. ..	120	26	3, 4, and 5	14.6.46
Moyarra .. ..	Gipps.	Korumburra ..	A.C., 1 ph. ..	120	38	3, 4, and 5	26.6.30
Moyne .. ..	S/W.	Port Fairy ..	A.C., 1 ph.* ..	20	6	3, 4, and 5	24.3.46
Moyne View ..	S/W.	Port Fairy ..	A.C., 1 ph.* ..	30	7	3, 4, and 5	27.5.37
Mt. Dandenong ..	E/M.	Belgrave .. ..	A.C., 1 ph. ..	290	193	3, 4, and 5	20.6.33
Mt. Duneed .. ..	Geel.	Queenscliff ..	A.C., 1 ph. ..	120	18	3, 4, and 5	5.10.39
Mt. Eliza .. ..	E/M.	{ Frankston Mornington }	A.C., 3 ph. and 1 ph.	694	326	{ 2, 4, and 5 3, 4, and 5 }	21.2.28
Mt. Evelyn .. ..	E/M.	Ringwood .. ..	A.C., 3 ph. and 1 ph.	845	312	3, 4, and 5	9.1.28
Mt. Martha .. ..	E/M.	Mornington ..	A.C., 3 ph. and 1 ph.	644	225	3, 4, and 5	1.8.30
Mt. Rowan .. ..	Ball.	Ballarat .. ..	A.C., 1 ph. ..	25	7	3, 4, and 5	27.2.47
Mt. Waverley ..	{ Metro. E/M. }	{ Melbourne Dandenong }	A.C., 3 ph. and 1 ph.	402	149	3, 4, and 5	1.6.28
Muckleford ..	Mid.	Castlemaine ..	A.C., 3 ph. and 1 ph.	105	10	3, 4, and 5	18.1.45
Mulgrave .. ..	E/M.	Dandenong ..	A.C., 1 ph. ..	124	57	3, 4, and 5	25.8.47
Mumblin .. ..	S/W.	Terang .. ..	A.C., 1 ph.* ..	20	4	3, 4, and 5	24.9.45
Murchison .. ..	N/E.	Shepparton ..	A.C., 3 ph. ..	625	224	3, 4, and 5	30.11.45
Myer's Flat .. ..	Bend.	Bendigo .. ..	A.C., 1 ph. ..	35	12	3, 4, and 5	29.6.46
Myrniong .. ..	Mid.	Bacchus Marsh ..	A.C., 3 ph. and 1 ph.	150	66	3, 4, and 5	27.5.46
Myrtlebank ..	Gipps.	Sale .. ..	A.C., 1 ph. ..	150	58	3, 4, and 5	3.3.38
Myrtleford ..	N/E.	Myrtleford ..	A.C., 3 ph. ..	918	412	3, 4, and 5	1.12.46
Nalangil .. ..	S/W.	Colac .. ..	A.C., 1 ph. ..	52	10	3, 4, and 5	19.12.24
Nanneella .. ..	N/E.	Rochester ..	A.C., 1 ph. ..	524	197	3, 4, and 5	17.10.38
Napoleons .. ..	Ball.	Ballarat .. ..	A.C., 1 ph. ..	120	21	3, 4, and 5	28.6.49
Naringal .. ..	S/W.	Warrnambool ..	A.C., 1 ph. ..	25	9	3, 4, and 5	17.7.44
Narioka .. ..	N/E.	Numurkah ..	A.C., 3 ph. and 1 ph.	(See Barwo)		3, 4, and 5	7.10.46
Nar-Nar-Goon ..	Gipps.	Koo-wee-rup ..	A.C., 1 ph. ..	460	118	3, 4, and 5	23.5.34
Narracan East ..	Gipps.	Trafalgar .. ..	A.C., 1 ph. ..	70	34	3, 4, and 5	23.7.40
Narre Warren ..	E/M.	Dandenong ..	A.C., 1 ph. ..	310	85	3, 4, and 5	13.11.28
Narre Warren North	E/M.	Dandenong ..	A.C., 1 ph. ..	350	113	3, 4, and 5	10.11.38
Nathalia .. ..	N/E.	Numurkah ..	A.C., 3 ph. ..	1,050	275	3, 4, and 5	1.10.31
Navigators ..	Ball.	Ballarat .. ..	A.C., 1 ph. ..	105	26	3, 4, and 5	24.2.49
Nayook .. ..	Gipps.	Warragul .. ..	A.C., 3 ph. and 1 ph.	83	24	3, 4, and 5	15.1.35
Neerim .. ..	Gipps.	Warragul .. ..	A.C., 1 ph. ..	202	47	3, 4, and 5	15.1.35
Neerim East ..	Gipps.	Warragul .. ..	A.C., 1 ph. ..	172	68	3, 4, and 5	21.12.36
Neerim Junction ..	Gipps.	Warragul .. ..	A.C., 1 ph. ..	160	48	3, 4, and 5	3.5.35
Neerim North ..	Gipps.	Warragul .. ..	A.C., 1 ph. ..	70	31	3, 4, and 5	11.4.38
Neerim South ..	Gipps.	Warragul .. ..	A.C., 1 ph. ..	570	212	3, 4, and 5	15.1.35
Newborough ..	Gipps.	Trafalgar .. ..	A.C., 1 ph. ..	700	93	3, 4, and 5	24.6.38
Newbridge .. ..	Bend.	Inglewood ..	A.C., 3 ph. ..	203	15	3, 4, and 5	23.12.46

## 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. 7, Columns No.	Date Supply First Undertaken by Commission.
<b>Country—continued.</b>							
New Gisborne .. ..	Mid.	Bacchus Marsh	A.C., 3 ph. ..	277	36	3, 4, and 5	1.3.29
Newlyn .. ..	Ball.	Daylesford ..	A.C., 3 ph. and 1 ph.	100	65	3, 4, and 5	14.7.44
Newlyn North .. ..	Ball.	Daylesford ..	A.C., 1 ph. ..	90	33	3, 4, and 5	22.5.47
Newry .. ..	Gipps.	Maffra ..	A.C., 3 ph. and 1 ph.	390	103	3, 4, and 5	25.10.26
Newstead .. ..	Mid.	Castlemaine ..	A.C., 3 ph. and 1 ph.	350	127	3, 4, and 5	20.4.37
Newtown .. ..	Ball.	Ballarat ..	A.C., 1 ph. ..	100	17	3, 4, and 5	23.2.49
Nicholson .. ..	Gipps.	Lakes Entrance	A.C., 1 ph. ..	70	4	3, 4, and 5	12.12.34
Nilma .. ..	Gipps.	Warragul ..	A.C., 1 ph. ..	240	94	3, 4, and 5	23.12.27
Nilma Rural .. ..	Gipps.	Warragul ..	A.C., 1 ph. ..	250	88	3, 4, and 5	20.4.45
Noble Park .. ..	E/M.	Dandenong ..	A.C., 3 ph. and 1 ph.	1,900	652	2, 4, and 5	5.12.24
Noojee .. ..	Gipps.	Warragul ..	A.C., 1 ph. ..	280	87	3, 4, and 5	15.1.35
Nooramunga .. ..	N/E.	Benalla ..	A.C., 3 ph. ..	10	2	3, 4, and 5	3.12.43
Noorat .. ..	S/W.	Terang ..	A.C., 3 ph. and 1 ph.*	300	106	3, 4, and 5	5.12.24
North Wonthaggi (portion only)	Gipps.	Korumburra ..	A.C., 1 ph. ..	50	7	3, 4, and 5	17.2.41
Notting Hill .. ..	E/M.	Dandenong ..	A.C., 1 ph. ..	305	59	3, 4, and 5	21.7.27
Numurkah .. ..	N/E.	Numurkah ..	A.C., 3 ph. ..	1,630	522	3, 4, and 5	1.10.31
Nyora .. ..	Gipps.	Korumburra ..	A.C., 1 ph. ..	340	64	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. ..	600	273	3, 4, and 5	27.9.24
Officer .. ..	E/M.	Dandenong ..	A.C., 1 ph. ..	430	129	3, 4, and 5	12.4.28
Olinda .. ..	E/M.	Belgrave ..	A.C., 3 ph. and 1 ph.	602	262	3, 4, and 5	30.9.27
Ondit .. ..	S/W.	Colac ..	A.C., 1 ph.*	18	7	3, 4, and 5	23.5.44
Orrvale .. ..	N/E.	Shepparton ..	A.C., 1 ph. ..	(See Shepparton )		3, 4, and 5	20.2.36
Outtrim .. ..	Gipps.	Korumburra ..	A.C., 1 ph. ..	250	36	3, 4, and 5	13.11.39
Ovens .. ..	N/E.	Myrtleford ..	A.C., 3 ph. ..	74	64	3, 4, and 5	20.11.44
Oxley Flats .. ..	N/E.	Wangaratta ..	A.C., 3 ph. ..	(See Milawa)		3, 4, and 5	25.10.44
Pakenham .. ..	E/M.	Dandenong ..	A.C., 1 ph. ..	665	255	3, 4, and 5	18.6.28
Panmure .. ..	S/W.	Terang ..	A.C., 1 ph.*	200	32	3, 4, and 5	3.9.37
Parwan .. ..	Mid.	Bacchus Marsh	A.C., 3 ph. and 1 ph.	64	18	3, 4, and 5	10.1.46
Paynesville .. ..	Gipps.	Bairnsdale ..	A.C., 3 ph. and 1 ph.	400	98	3, 4, and 5	25.2.38
Penshurst .. ..	S/W.	Hamilton ..	A.C., 1 ph. ..	730	192	3, 4, and 5	16.9.38
Penshurst Rural .. ..	S/W.	Hamilton ..	A.C., 1 ph. ..	530	120	3, 4, and 5	16.9.38
Picola .. ..	N/E.	Numurkah ..	A.C., 3 ph. ..	181	27	3, 4, and 5	1.11.40
Pine Lodge .. ..	N/E.	Shepparton ..	A.C., 3 ph. and 1 ph.	(See Shepparton )		3, 4, and 5	25.2.36
Pirron Yallock .. ..	S/W.	Colac ..	A.C., 1 ph.*	55	11	3, 4, and 5	21.12.36
Plenty .. ..	E/M.	Greensborough	A.C., 1 ph. ..	278	66	3, 4, and 5	28.11.45
Point Cook .. ..	Metro.	Werribee ..	A.C., 3 ph. and 1 ph.	32	4	3, 4, and 5	1.7.40
Point Lonsdale .. ..	Geel.	Queenscliff ..	A.C., 3 ph. and 1 ph.	390	237	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
Poowong .. ..	Gipps.	Korumburra ..	A.C., 3 ph. and 1 ph.	530	142	3, 4, and 5	11.9.30
Poowong East .. ..	Gipps.	Korumburra ..	A.C., 1 ph. ..	200	46	3, 4, and 5	17.10.38
Poowong North .. ..	Gipps.	Korumburra ..	A.C., 1 ph. ..	130	10	3, 4, and 5	2.5.45
Port Albert .. ..	Gipps.	Yarram ..	A.C., 3 ph. and 1 ph.	220	77	3, 4, and 5	29.11.46
Portarlington .. ..	Geel.	Queenscliff ..	A.C., 1 ph. ..	1,050	278	3, 4, and 5	27.2.24
Port Fairy .. ..	S/W.	Port Fairy ..	A.C., 3 ph. and 1 ph.*	2,000	591	3, 4, and 5	21.12.28
Port Fairy Rural .. ..	S/W.	Port Fairy ..	A.C., 3 ph. and 1 ph.	940	276	3, 4, and 5	10.11.30
Port Franklin .. ..	Gipps.	Foster ..	A.C., 1 ph. ..	150	42	3, 4, and 5	23.7.38
Portsea .. ..	E/M.	Sorrento ..	A.C., 3 ph. ..	457	183	2, 4, and 5	1.10.27
Port Welshpool .. ..	Gipps.	Foster ..	A.C., 3 ph. and 1 ph.	200	66	3, 4, and 5	31.3.47
Powlett River (portion only)	Gipps.	Korumburra ..	A.C., 1 ph. ..	60	13	3, 4, and 5	17.1.41
Prairie .. ..	Bend.	Inglewood ..	A.C., 1 ph. ..	50	6	3, 4, and 5	13.12.48
Puckapunyal .. ..	N/E.	Seymour ..	A.C., 3 ph. ..	(See Seymour Rural)		3, 4, and 5	2.10.44
Queenscliff .. ..	Geel.	Queenscliff ..	A.C., 3 ph. ..	3,200	656	2, 4, and 5	30.12.23
Ranceby .. ..	Gipps.	Korumburra ..	A.C., 1 ph. ..	60	9	3, 4, and 5	23.6.41
Raywood .. ..	Bend.	Inglewood ..	A.C., 3 ph. and 1 ph.	400	53	3, 4, and 5	3.7.40
Red Bluff .. ..	N/E.	Wodonga ..	A.C., 1 ph. ..	(Sec Kiewa)		3, 4, and 5	14.1.47
Redesdale Junction .. ..	Mid.	Kyneton ..	A.C., 1 ph. ..	177	12	3, 4, and 5	27.3.47
Red Hill .. ..	E/M.	Mornington ..	A.C., 3 ph. and 1 ph.	573	135	3, 4, and 5	30.6.37
Research .. ..	E/M.	Greensborough	A.C., 1 ph. ..	150	60	3, 4, and 5	24.5.40
Rickett's Marsh .. ..	S/W.	Colac ..	A.C., 1 ph.*	33	14	3, 4, and 5	28.8.44
Riddell .. ..	Mid.	Bacchus Marsh	A.C., 3 ph. and 1 ph.	525	91	3, 4, and 5	7.3.29
Ringwood .. ..	E/M.	Ringwood ..	A.C., 3 ph. and 1 ph.	5,688	1,643	6	1.4.25
Rochester .. ..	N/E.	Rochester ..	A.C., 3 ph. ..	1,840	485	3, 4, and 5	1.8.35
Rockbank .. ..	Mid.	Bacchus Marsh	A.C., 3 ph. and 1 ph.	170	38	3, 4, and 5	3.4.39
Rokeyby .. ..	Gipps.	Warragul ..	A.C., 3 ph. and 1 ph.	75	21	3, 4, and 5	4.4.35
Romsey .. ..	Mid.	Bacchus Marsh	A.C., 3 ph. and 1 ph.	874	181	3, 4, and 5	19.3.29
Rosebrook .. ..	S/W.	Port Fairy ..	A.C., 1 ph.*	100	25	3, 4, and 5	30.9.36
Rosebud .. ..	E/M.	Sorrento ..	A.C., 3 ph. and 1 ph.	1,285	956	3, 4, and 5	8.12.27
Rosedale .. ..	Gipps.	Traralgon ..	A.C., 3 ph. and 1 ph.	500	107	3, 4, and 5	15.8.27

## 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. 7, Columns No.	Date Supply First Undertaken by Commission
<i>Country—continued.</i>							
Rowsley .. ..	Mid.	Bacchus Marsh	A.C., 3 ph. and 1 ph.	67	13	3, 4, and 5	28.3.47
Rowville .. ..	E/M.	Dandenong ..	A.C., 1 ph. ..	77	25	3, 4, and 5	5.7.45
Rubicon .. ..	N/E.	Alexandra ..	A.C., 1 ph. ..	64	10	3, 4, and 5	4.9.27
Ruby .. ..	Gipps.	Leongatha ..	A.C., 1 ph. ..	70	47	3, 4, and 5	19.4.28
Rutherglen ..	N/E.	Rutherglen ..	A.C., 3 ph. ..	1,520	498	3, 4, and 5	15.10.26
Ryanston .. ..	Gipps.	Korumburra ..	A.C., 1 ph. ..	150	14	3, 4, and 5	14.1.41
Rye .. ..	E/M.	Sorrento ..	A.C., 3 ph. ..	666	292	3, 4, and 5	16.12.27
Sale .. ..	Gipps.	Sale ..	A.C., 3 ph. ..	6,000	1,431	2, 4, and 5	1.7.24
Sale Rural .. ..	Gipps.	Sale ..	A.C., 3 ph. and 1 ph.	220	191	3, 4, and 5	12.12.28
Sassafras .. ..	E/M.	Belgrave ..	A.C., 3 ph. and 1 ph.	460	277	3, 4, and 5	9.7.27
Scarsdale .. ..	Ball.	Ballarat ..	A.C., 1 ph. ..	230	22	3, 4, and 5	5.9.39
Scoresby .. ..	E/M.	Dandenong ..	A.C., 1 ph. ..	338	43	3, 4, and 5	23.9.37
Scotsburn .. ..	Ball.	Ballarat ..	A.C., 1 ph. ..	75	38	3, 4, and 5	3.11.44
Seaford .. ..	E/M.	Frankston ..	A.C., 3 ph. ..	1,260	486	2, 4, and 5	21.2.28
Sebastian .. ..	Bend.	Inglewood ..	A.C., 1 ph. ..	100	19	3, 4, and 5	3.2.48
Selby .. ..	E/M.	Belgrave ..	A.C., 1 ph. ..	200	82	2, 4, and 5	12.12.35
Seymour .. ..	N/E.	Seymour ..	A.C., 3 ph. ..	3,042	969	2, 4, and 5	2.10.44
Seymour Rural ..	N/E.	Seymour ..	A.C., 1 ph. ..	122	67	3, 4, and 5	2.10.44
Shepparton .. ..	N/E.	Shepparton ..	A.C., 3 ph. ..	9,000	2,410	2, 4, and 5	1.1.25
Shepparton East ..	N/E.	Shepparton ..	A.C., 3 ph. and 1 ph.	1,265	395	3, 4, and 5	25.2.36
Shepparton Rural ..	N/E.	Shepparton ..	A.C., 3 ph. and 1 ph.	90	28	3, 4, and 5	17.8.39
Sherbrooke .. ..	E/M.	Belgrave ..	A.C., 1 ph. ..	194	54	3, 4, and 5	29.7.27
Shorcham .. ..	E/M.	Mornington ..	A.C., 1 ph. ..	65	21	3, 4, and 5	24.5.40
Silvan .. ..	E/M.	Ringwood ..	A.C., 3 ph. and 1 ph.	326	77	3, 4, and 5	13.6.28
Skipton .. ..	Ball.	Ballarat ..	A.C., 3 ph. and 1 ph.	625	152	3, 4, and 5	27.10.39
Sneaton .. ..	Ball.	Daylesford ..	A.C., 3 ph. and 1 ph.	175	57	3, 4, and 5	16.4.38
Smythesdale .. ..	Ball.	Ballarat ..	A.C., 1 ph. ..	280	33	3, 4, and 5	2.9.39
Somers .. ..	E/M.	Mornington ..	A.C., 3 ph. and 1 ph.	265	89	3, 4, and 5	24.12.35
Somerton .. ..	Metro.	Melbourne ..	A.C., 3 ph. ..	112	17	3, 4, and 5	22.7.38
Somerville .. ..	E/M.	Frankston ..	A.C., 3 ph. and 1 ph.	415	117	3, 4, and 5	19.12.26
Sorrento .. ..	E/M.	Sorrento ..	A.C., 3 ph. and 1 ph.	745	612	2, 4, and 5	1.10.27
South Belgrave ..	E/M.	Belgrave ..	A.C., 1 ph. ..	412	44	3, 4, and 5	17.2.37
South Ecklin .. ..	S/W.	Terang ..	A.C., 1 ph.* ..	25	4	3, 4, and 5	24.9.45
South Gisborne ..	Mid.	Bacchus Marsh	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	17	3, 4, and 5	31.8.38
Springbank .. ..	Ball.	Ballarat ..	A.C., 1 ph. ..	50	6	3, 4, and 5	7.2.45
Springhurst .. ..	N/E.	Rutherglen ..	A.C., 3 ph. ..	231	71	3, 4, and 5	6.9.26
Springvale .. ..	E/M.	Dandenong ..	A.C., 3 ph. and 1 ph.	2,145	1,100	2, 4, and 5	5.12.24
St. Albans .. ..	Mid.	Bacchus Marsh	A.C., 3 ph. and 1 ph.	1,204	204	3, 4, and 5	14.2.30
St. James .. ..	N/E.	Yarrawonga ..	A.C., 3 ph. ..	269	50	3, 4, and 5	14.2.40
Stanhope .. ..	N/E.	Kyabram ..	A.C., 3 ph. ..	416	284	3, 4, and 5	14.6.38
Stavely .. ..	S/W.	Terang ..	A.C., 1 ph.* ..	23	5	3, 4, and 5	8.11.40
Stoneyford .. ..	S/W.	Camperdown ..	A.C., 1 ph.* ..	22	9	3, 4, and 5	20.12.37
Stony Creek .. ..	Gipps.	Leongatha ..	A.C., 1 ph. ..	70	47	3, 4, and 5	14.9.36
Stratford .. ..	Gipps.	Maffra ..	A.C., 3 ph. and 1 ph.	1,100	231	3, 4, and 5	20.12.26
Strathallan .. ..	N/E.	Echuca ..	A.C., 1 ph. ..	33	25	3, 4, and 5	5.11.35
Strathfieldsaye ..	Bend.	Bendigo ..	A.C., 1 ph. ..	300	59	3, 4, and 5	13.3.45
Strathmerton .. ..	N/E.	Cobram ..	A.C., 1 ph. ..	176	43	3, 4, and 5	19.2.35
Streatham .. ..	S/W.	Terang ..	A.C., 1 ph.* ..	155	34	3, 4, and 5	28.9.39
Strezlecki .. ..	Gipps.	Korumburra ..	A.C., 1 ph. ..	360	63	3, 4, and 5	14.4.48
Sunbury .. ..	Mid.	Bacchus Marsh	A.C., 3 ph. and 1 ph.	1,442	284	3, 4, and 5	1.5.26
Swan Marsh .. ..	S/W.	Colac ..	A.C., 1 ph. ..	105	20	3, 4, and 5	4.6.37
Swan Reach .. ..	Gipps.	Lakes Entrance	A.C., 1 ph. ..	150	41	3, 4, and 5	11.7.30
Sydenham .. ..	Mid.	Bacchus Marsh	A.C., 3 ph. and 1 ph.	109	35	3, 4, and 5	14.10.38
Talbot .. ..	Mid.	Maryborough	A.C., 1 ph. ..	456	118	3, 4, and 5	27.8.38
Tallangatta .. ..	N/E.	Wodonga ..	A.C., 3 ph. ..	862	262	3, 4, and 5	1.11.40
Tallaroak .. ..	N/E.	Seymour ..	A.C., 3 ph. ..	200	40	3, 4, and 5	29.6.49
Tallygaroopna .. ..	N/E.	Shepparton ..	A.C., 3 ph. ..	238	69	3, 4, and 5	22.10.33
Tally Ho .. ..	E/M.	Dandenong ..	A.C., 3 ph. ..	155	73	3, 4, and 5	9.3.28
Tambo Upper .. ..	Gipps.	Lakes Entrance	A.C., 1 ph. ..	105	25	3, 4, and 5	24.12.37
Tandarra .. ..	Bend.	Inglewood ..	A.C., 1 ph. ..	100	19	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. ..	162	64	3, 4, and 5	12.4.39
Tanjil South .. ..	Gipps.	Trafalgar ..	A.C., 1 ph. ..	110	43	3, 4, and 5	27.5.37
Tarago .. ..	Gipps.	Warragul ..	A.C., 1 ph. ..	55	16	3, 4, and 5	23.8.38
Targoora .. ..	N/E.	Wangaratta ..	A.C., 1 ph. ..	10	3	3, 4, and 5	12.5.38
Tarneit .. ..	Metro.	Werribee ..	A.C., 3 ph. ..	132	33	3, 4, and 5	12.12.46
Tarra Valley .. ..	Gipps.	Yarram ..	A.C., 1 ph. ..	130	20	3, 4, and 5	31.7.46
Tatura .. ..	N/E.	Shepparton ..	A.C., 3 ph. ..	1,564	465	3, 4, and 5	1.11.26
Tawonga .. ..	N/E.	Myrtleford ..	A.C., 3 ph. ..	150	133	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. and 1 ph.	2,500	708	2, 4, and 5	4.3.24
Terang Rural .. ..	S/W.	Terang ..	A.C., 1 ph. ..	1,570	687	3, 4, and 5	9.1.36
Tesbury .. ..	S/W.	Camperdown ..	A.C., 1 ph.* ..	16	5	3, 4, and 5	15.5.39
Tetoor Road .. ..	Gipps.	Warragul ..	A.C., 1 ph. ..	125	47	3, 4, and 5	27.5.41
The Basin .. ..	E/M.	Ringwood ..	A.C., 3 ph. and 1 ph.	579	188	3, 4, and 5	13.9.39
Thomastown .. ..	E/M.	Greensborough	A.C., 3 ph. and 1 ph.	357	122	3, 4, and 5	1.6.28
Thornton .. ..	N/E.	Alexandra ..	A.C., 1 ph. ..	177	88	3, 4, and 5	19.7.27
Thorpdale .. ..	Gipps.	Trafalgar ..	A.C., 1 ph. ..	240	92	3, 4, and 5	23.12.37

## 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. 7, Columns No.	Date Supply First Undertaken by Commission.
<b>Country—continued.</b>							
Timboon .. ..	S/W.	Terang ..	A.C., 3 ph. and 1 ph.*	500	24	3, 4, and 5	27.5.49
Tinamba .. ..	Gipps.	Maffra ..	A.C., 1 ph. ..	400	207	3, 4, and 5	11.7.28
Tongala .. ..	N/E.	Echuca ..	A.C., 3 ph. ..	490	374	3, 4, and 5	12.9.26
Toolamba West .. ..	N/E.	Shepparton ..	A.C., 1 ph. ..	189	105	3, 4, and 5	1.12.39
Toongabbie .. ..	Gipps.	Traralgon ..	A.C., 1 ph. ..	200	45	3, 4, and 5	11.3.29
Toora .. ..	Gipps.	Foster ..	A.C., 3 ph. and 1 ph.	716	214	3, 4, and 5	10.5.38
Tooradin .. ..	Gipps.	Koo-wee-rup ..	A.C., 1 ph. ..	375	74	3, 4, and 5	14.1.37
Toorloo Arm .. ..	Gipps.	Lakes Entrance ..	A.C., 1 ph. ..	87	22	3, 4, and 5	13.2.40
Top Creek .. ..	N/E.	Rochester ..	A.C., 1 ph. ..	(See Nauncella)		3, 4, and 5	25.7.46
Torquay .. ..	Geel.	Queenscliff ..	A.C., 3 ph. and 1 ph.	680	304	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. ..	25	9	3, 4, and 5	10.8.38
Tower Hill .. ..	S/W.	Port Fairy ..	A.C., 1 ph.*	40	6	3, 4, and 5	30.6.35
Trafalgar .. ..	Gipps.	Trafalgar ..	A.C., 3 ph. ..	1,600	442	3, 4, and 5	16.10.23
Trafalgar East .. ..	Gipps.	Trafalgar ..	A.C., 1 ph. ..	150	32	3, 4, and 5	24.11.48
Trafalgar Rural .. ..	Gipps.	Trafalgar ..	A.C., 1 ph. ..	240	150	3, 4, and 5	3.4.28
Traralgon .. ..	Gipps.	Traralgon ..	A.C., 3 ph. and 1 ph.	5,700	1,438	2, 4, and 5	24.11.23
Traralgon Rural .. ..	Gipps.	Traralgon ..	A.C., 1 ph. ..	200	31	3, 4, and 5	27.11.28
Traralgon South .. ..	Gipps.	Traralgon ..	A.C., 1 ph. ..	170	33	3, 4, and 5	12.8.37
Trawool .. ..	N/E.	Seymour ..	A.C., 1 ph. ..	(See Seymour Rural)		3, 4, and 5	5.4.45
Tremont .. ..	E/M.	Belgrave ..	A.C., 1 ph. ..	467	125	3, 4, and 5	2.9.27
Trentham .. ..	Mid.	Kyneton ..	A.C., 3 ph. ..	908	212	3, 4, and 5	8.5.39
Triholm .. ..	Gipps.	Korumburra ..	A.C., 1 ph. ..	40	3	3, 4, and 5	17.10.38
Tullamarine .. ..	Metro.	Melbourne ..	A.C., 3 ph. ..	233	56	3, 4, and 5	18.3.39
Tungamah .. ..	N/E.	Yarrowonga ..	A.C., 3 ph. ..	315	89	3, 4, and 5	14.2.40
Tyabb .. ..	E/M.	Frankston ..	A.C., 3 ph. ..	276	55	3, 4, and 5	20.1.28
Tyers .. ..	Gipps.	Traralgon ..	A.C., 3 ph. and 1 ph.	285	86	3, 4, and 5	15.10.23
Tylden .. ..	Mid.	Kyneton ..	A.C., 1 ph. ..	272	38	3, 4, and 5	6.7.39
Tynong .. ..	Gipps.	Koo-wee-rup ..	A.C., 1 ph. ..	300	104	3, 4, and 5	14.1.29
Upper Beaconsfield .. ..	E/M.	Dandenong ..	A.C., 1 ph. ..	165	85	3, 4, and 5	1.8.34
Upper Ferntree Gully .. ..	E/M.	Belgrave ..	A.C., 3 ph. and 1 ph.	965	389	2, 4, and 5	24.8.25
Upper Maffra West .. ..	Gipps.	Maffra ..	A.C., 1 ph. ..	250	51	3, 4, and 5	6.10.37
Upwey .. ..	E/M.	Belgrave ..	A.C., 3 ph. and 1 ph.	1,434	740	2, 4, and 5	24.8.25
Valencia Creek .. ..	Gipps.	Maffra ..	A.C., 1 ph. ..	100	20	3, 4, and 5	11.6.38
Vervale .. ..	Gipps.	Koo-wee-rup ..	A.C., 1 ph. ..	115	7	3, 4, and 5	10.7.42
Violet Town .. ..	N/E.	Benalla ..	A.C., 3 ph. ..	684	158	3, 4, and 5	1.3.36
Waaia .. ..	N/E.	Numurkah ..	A.C., 3 ph. ..	52	18	3, 4, and 5	5.11.40
Wahgunyah .. ..	N/E.	Rutherglen ..	A.C., 3 ph. ..	567	123	3, 4, and 5	1.2.26
Wallace .. ..	Ball.	Ballarat ..	A.C., 3 ph. ..	100	30	3, 4, and 5	17.5.40
Wallington .. ..	Geel.	Queenscliff ..	A.C., 1 ph. ..	110	32	3, 4, and 5	1.9.47
Walpa .. ..	Gipps.	Bairnsdale ..	A.C., 1 ph. ..	50	26	3, 4, and 5	16.5.35
Wangaratta .. ..	N/E.	Wangaratta ..	A.C., 3 ph. ..	6,080	2,069	2, 4, and 5	12.3.27
Wangaratta North .. ..	N/E.	Wangaratta ..	A.C., 3 ph. ..	28	20	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.*	20	6	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. and 1 ph.	614	164	3, 4, and 5	1.2.28
Wantirna South .. ..	E/M.	Dandenong ..	A.C., 3 ph. and 1 ph.	55	20	3, 4, and 5	18.2.47
Warburton .. ..	E/M.	Warburton ..	A.C., 3 ph. ..	1,475	415	3, 4, and 5	1.7.44
Warnecoort .. ..	S/W.	Colac ..	A.C., 1 ph. ..	32	8	3, 4, and 5	19.12.25
Warragul .. ..	Gipps.	Warragul ..	A.C., 3 ph. and 1 ph.	3,992	1,140	2, 4, and 5	1.12.30
Warragul Rural .. ..	Gipps.	Warragul ..	A.C., 1 ph. ..	520	214	3, 4, and 5	19.6.28
Warrandyte .. ..	E/M.	Ringwood ..	A.C., 1 ph. ..	635	288	3, 4, and 5	21.12.35
Warrenheip .. ..	Ball.	Ballarat ..	A.C., 3 ph. and 1 ph.	150	40	3, 4, and 5	10.6.48
Warrioon .. ..	S/W.	Colac ..	A.C., 1 ph. ..	84	21	3, 4, and 5	18.8.24
Warrnambool .. ..	S/W.	Warrnambool ..	A.C., 3 ph. and 1 ph.	10,000	2,903	2, 4, and 5	30.12.23
Warrnambool Rural .. ..	S/W.	Warrnambool ..	A.C., 3 ph. and 1 ph.	990	379	3, 4, and 5	9.1.36
Warong .. ..	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. ..	158	62	3, 4, and 5	24.3.26
Waubra .. ..	Ball.	Ballarat ..	A.C., 1 ph. ..	200	25	3, 4, and 5	18.12.40
Waurin Ponds .. ..	Geel.	Geelong ..	A.C., 1 ph. ..	100	16	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. and 1 ph.*	22	10	3, 4, and 5	8.6.28
Wellsford .. ..	Bend.	Bendigo ..	A.C., 3 ph. and 1 ph.	20	2	3, 4, and 5	25.1.43
Welshpool .. ..	Gipps.	Foster ..	A.C., 3 ph. and 1 ph.	330	100	3, 4, and 5	13.8.38
Werribee .. ..	Metro.	Werribee ..	A.C., 3 ph. and 1 ph.	3,576	931	2, 4, and 5	10.4.24
Werribee South .. ..	Metro.	Werribee ..	A.C., 3 ph. and 1 ph.	970	224	3, 4, and 5	24.11.36
Westbury .. ..	Gipps.	Trafalgar ..	A.C., 1 ph. ..	35	16	3, 4, and 5	27.5.37
Westmere .. ..	S/W.	Terang ..	A.C., 1 ph. ..	50	21	3, 4, and 5	30.9.38
Wheeler's Hill .. ..	E/M.	Dandenong ..	A.C., 1 ph. ..	240	65	3, 4, and 5	1.2.26
Whittlesea .. ..	E/M.	Greensborough ..	A.C., 1 ph. ..	488	143	3, 4, and 5	28.9.37
Whorouly .. ..	N/E.	Myrtleford ..	A.C., 3 ph. and 1 ph.	311	146	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.	Terang ..	A.C., 1 ph. ..	430	141	3, 4, and 5	23.9.33

## 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. 7. Columns No.	Date Supply First Undertaken by Commission.
<b>Country—continued.</b>							
Willaura Rural .. ..	S/W.	Terang ..	A.C., 1 ph. ..	1,200	241	3, 4, and 5	23.9.38
Willowgrove .. ..	Gipps.	Trafalgar ..	A.C., 1 ph. ..	70	31	3, 4, and 5	22.5.39
Winchelsea .. ..	S/W.	Colac ..	A.C., 3 ph. and 1 ph.*	750	160	3, 4, and 5	30.6.24
Windermere .. ..	Ball.	Ballarat ..	A.C., 3 ph. and 1 ph.	175	54	3, 4, and 5	21.10.47
Winslow .. ..	S/W.	Warrnambool ..	A.C., 1 ph.* ..	110	8	3, 4, and 5	29.10.47
Wiscleigh .. ..	Gipps.	Lakes Entrance ..	A.C., 1 ph. ..	110	19	3, 4, and 5	24.10.30
Wodonga .. ..	N/E.	Wodonga ..	A.C., 3 ph. ..	3,454	837	2, 4, and 5	1.11.33
Wodonga Rural .. ..	N/E.	Wodonga ..	A.C., 3 ph. and 1 ph.	41	8	3, 4, and 5	8.8.38
Wollert .. ..	E/M.	Greensborough ..	A.C., 1 ph. ..	138	45	3, 4, and 5	2.5.47
Wonga Park .. ..	E/M.	Ringwood ..	A.C., 1 ph. ..	91	9	3, 4, and 5	18.5.38
Woodend .. ..	Mid.	Kyneton ..	A.C., 3 ph. and 1 ph.	1,470	400	3, 4, and 5	1.8.29
Woodglan .. ..	Gipps.	Bairnsdale ..	A.C., 3 ph. and 1 ph.	30	25	3, 4, and 5	16.4.40
Woodvale .. ..	Bend.	Bendigo ..	A.C., 1 ph. ..	50	4	3, 4, and 5	2.6.41
Wool Wool .. ..	S/W.	Colac ..	A.C., 3 ph. and 1 ph.*	35	10	3, 4, and 5	15.10.24
Woorndoo .. ..	S/W.	Terang ..	A.C., 1 ph.* ..	40	7	3, 4, and 5	8.12.38
Wunghnu .. ..	N/E.	Numurkah ..	A.C., 3 ph. ..	213	53	3, 4, and 5	1.10.33
Wurruk Wurruk .. ..	Gipps.	Sale ..	A.C., 1 ph. ..	100	24	3, 4, and 5	27.8.47
Wy Yung .. ..	Gipps.	Bairnsdale ..	A.C., 3 ph. and 1 ph.	50	11	3, 4, and 5	28.9.28
Yackandandah .. ..	N/E.	Wodonga ..	A.C., 3 ph. ..	365	145	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
Yallock .. ..	Bend.	Inglewood ..	A.C., 1 ph. ..	80	18	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. ..	285	108	3, 4, and 5	8.2.36
Yan Yean .. ..	E/M.	Greensborough ..	A.C., 1 ph. ..	141	41	3, 4, and 5	28.9.37
Yarraberb .. ..	Bend.	Inglewood ..	A.C., 1 ph. ..	40	4	3, 4, and 5	9.7.44
Yarra Glen .. ..	E/M.	Healesville ..	A.C., 1 ph. ..	365	87	3, 4, and 5	15.3.34
Yarragon .. ..	Gipps.	Trafalgar ..	A.C., 3 ph. and 1 ph.	780	279	3, 4, and 5	1.11.23
Yarra Junction .. ..	E/M.	Warburton ..	A.C., 3 ph. and 1 ph.	250	43	3, 4, and 5	1.3.49
Yarram .. ..	Gipps.	Yarram ..	A.C., 3 ph. and 1 ph.	1,650	515	3, 4, and 5	31.7.46
Yarrambat .. ..	E/M.	Greensborough ..	A.C., 1 ph. ..	35	12	3, 4, and 5	28.11.45
Yarrowonga .. ..	N/E.	Yarrowonga ..	A.C., 3 ph. ..	2,900	728	2, 4, and 5	1.8.25
Yarroweyah .. ..	N/E.	Cobram ..	A.C., 1 ph. ..	25	8	3, 4, and 5	10.12.48
Yea .. ..	N/E.	Alexandra ..	A.C., 3 ph. ..	961	354	3, 4, and 5	1.5.45
Yering .. ..	E/M.	Healesville ..	A.C., 1 ph. ..	60	20	3, 4, and 5	24.2.34
Yeringberg .. ..	E/M.	Healesville ..	A.C., 1 ph. ..	60	19	3, 4, and 5	7.7.33
Yinnar .. ..	Gipps.	Traralgon ..	A.C., 3 ph. and 1 ph.	370	152	3, 4, and 5	28.11.27
Yuroke .. ..	Metro.	Melbourne ..	A.C., 3 ph. ..	46	11	3, 4, and 5	13.6.39

• = 230 V. only.

† = Non-permanent supply.

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.	Abbreviations.	Location of Branch Headquarters.	Telephone.
Metropolitan .. ..	Metro. .. ..	238–242 Flinders-street, Melbourne .. ..	MU 9021 JM 1525 C. 10310
Ballarat .. ..	Ball. .. ..	1–7 Wendouree-parade, Ballarat .. ..	1825
Bendigo .. ..	Bend. .. ..	Cr. Hargreaves and Williamson-streets, Bendigo	1700
Geelong .. ..	Geel. .. ..	Corio-terrace, Geelong .. ..	5941
Eastern Metropolitan .. ..	E/M. .. ..	197 Lonsdale-street, Dandenong .. ..	182
Gippsland .. ..	Gipps. .. ..	108–116 Franklin-street, Traralgon .. ..	114
Midland .. ..	Mid. .. ..	40 Lyttleton-street, Castlemaine .. ..	238
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.	District Office.	Address.	Telephone.
Alexandra ..	Grant-street, Alexandra ..	88	Leongatha ..	44 Bair-street, Leongatha ..	176
	High-street, Mansfield ..	40	Lorne ..	Cr. Mountjoy-parade and	29
	High-street, Yea ..	105		William-street, Lorne	
Bacchus Marsh ..	Main-street, Bacchus Marsh ..	236	Maffra ..	Johnston-street, Maffra ..	27
	Evans-street, Sunbury ..	14	Maryborough ..	112-114 High-street, Mary-	207
Bairnsdale ..	159 Main-street, Bairnsdale ..	333		borough	
Beechworth ..	Camp-street, Beechworth ..	132	Mornington ..	64 Main-street, Mornington ..	247
Belgrave ..	Main-road, Belgrave ..	127	Myrtleford ..	Myrtle-street, Myrtleford ..	60
Benalla ..	80 Bridge-street, Benalla ..	567	Numurkah ..	Melville-street, Numurkah ..	36
	Cowslip-street, Violet Town ..	47		Blake-street, Nathalia ..	54
Camperdown ..	Manifold-street, Camperdown ..	94	Port Fairy ..	Sackville-street, Port Fairy ..	123
Castlemaine ..	40 Lyttleton-street, Castle-	196 and 238	Queenscliff ..	Hesse-street, Queenscliff ..	92
	maine		Ringwood ..	187 Whitehorse-road, Ringwood	WU 6095
Chelsea ..	420 Nepean-highway, Chelsea	45	Rochester ..	Gillies-street, Rochester ..	129
Cobram ..	Cr. William-street and Punt-	45	Rutherglen ..	Main-street, Rutherglen ..	98
	road, Cobram			Conness-street, Chiltern ..	31
Colac ..	119-121 Murray-street, Colac	661	Sale ..	78 Raymond-street, Sale ..	89
Dandenong ..	197 Lonsdale-street, Dandenong	182, 192, 168	Seymour ..	Station-street, Seymour ..	80
		and 64	Shepparton ..	Maude-street, Shepparton ..	49 and 747
Daylesford ..	Vincent-street, Daylesford ..	257	Sorrento ..	Ocean Amphitheatre-road, Sor-	45
Echuca ..	196 Hare-street, Echuca ..	321		rento	
Euroa ..	Binney-street, Euroa ..	162		Nepean-highway, Dromana ..	42
Foster ..	Main-street, Foster ..	50	Sunshine ..	241 Hampshire-road, Sunshine	MW 9648
Frankston ..	Cr. Wells-street and Nepean-	109	Terang ..	High-street, Terang ..	47
	highway, Frankston		Trafalgar ..	Main-street, Trafalgar ..	50
Greensborough ..	Main-street, Greensborough ..	63	Traralgon ..	108-116 Franklin-street, Tra-	98, 114 and
Hamilton ..	McLuckies Lane Hamilton ..	734		ralgon	164
Healesville ..	Nicholson-street, Healesville ..	165	Wangaratta ..	110 Murphy-street, Wangaratta	262
			Warburton ..	Main-street, Warburton ..	93
Inglewood ..	Brooke-street, Inglewood ..	105	Warragul ..	Victoria-street, Warragul ..	151
Koo-wee-rup ..	Station-street, Koo-wee-rup ..	41	Warrnambool ..	138 Koroit-street, Warrnambool	75
Korumburra ..	Commercial-street, Korumburra	29	Werribee ..	Watton-street, Werribee ..	5
Kyabram ..	Allan-street, Kyabram ..	221	Wodonga ..	Sydney-street, Wodonga ..	63
Kyneton ..	35 High-street, Kyneton ..	151		Towong-street, Tallangatta ..	91
	High-street, Woodend ..	74	Yarram ..	Commercial-road, Yarram ..	223
Lakes Entrance	Main-street, Lakes Entrance ..	76	Yarrawonga ..	Belmore-street, Yarrawonga ..	85



## ELECTRICITY SUPPLY UNDERTAKINGS (MUNICIPAL AND PRIVATE).

Municipality or Centre.	Supply Authority.	System of Supply.	Population.	Number of Consumers.	Tariffs.	
<b>METROPOLITAN.</b>						
<b>Supplied in Bulk by State Electricity Commission.</b>						
City of Melbourne (excl. Flemington)	Melbourne City Council ..	{ D.C., 230-460 v. A.C., 3 ph., 230-400 v. }	72,400	28,736	<p>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.</p> <p>In addition to the above, the Melbourne City Council has Tariffs different from Standard for commercial and industrial lighting, radiators, and power and heating.</p>	
Box Hill, and City of Nunawading	Box Hill City Council ..	A.C., 3 ph., 230-400 v.	32,600	9,639		
Brunswick ..	Brunswick City Council ..	A.C., 3 ph., 230-400 v.	60,000	15,271		
Coburg ..	Coburg City Council ..	A.C., 3 ph., 230-400 v.	51,803	13,489		
Footscray and part of Braybrook Shire	Footscray City Council ..	A.C., 3 ph., 230-400 v.	65,500	15,801		
Heidelberg (excl. Greensborough)	Heidelberg City Council ..	A.C., 3 ph., 230-400 v.	34,452	9,551		
Northcote ..	Northcote City Council ..	A.C., 3 ph., 230-400 v.	44,336	12,183		
Port Melbourne	Port Melbourne City Council ..	A.C., 3 ph., 230-400 v.	13,500	3,681		
Preston ..	Preston City Council ..	A.C., 3 ph., 230-400 v.	46,811	11,880		
Williamstown ..	Williamstown City Council ..	A.C., 3 ph., 230-400 v.	26,640	7,320		
			448,042	127,551		
<b>COUNTRY.</b>						
					Lighting.	Power.
Apollo Bay ..	H. A. Block ..	D.C., 230 v. ..	650	199	1s. 3d. to 1s. ..	6d. to 3d.
Ararat ..	Ararat Town Council ..	A.C., 3 ph., 230-400 v.	6,000	1,454	9d. to 1¼d. ..	3½d. to 1¼d.
Beaufort ..	Ripon Shire Council ..	A.C., 3 ph., 230-400 v.	1,500	325	6d. ..	3d.
Berriwillock ..	Wycheproof Shire Council ..	A.C., 3 ph., 230-400 v.	..	(Incl. in Wycheproof)	11d. to 9d. ..	5d. to 3½d.
Beulah ..	Karkaroo Shire Council ..	D.C., 230-460 v. ..	440	161	1s. 3d. ..	4d.
Birchip ..	Birchip E.S. Co. Ltd. ..	D.C., 230 v. ..	600	207	1s. 2d. ..	7d. to 5d.
Boort ..	Boort Co-op. Butter and Ice Co. Ltd.	D.C., 230 v. ..	650	212	1s. 3d. to 9d. ..	6d. to 4d.
Cardross ..	Mildura City Council ..	A.C., 3 ph., 230-400 v.	..	(Incl. in Mildura)	6½d. to 5½d. ..	Dom. 1½d. to 1¼d. Ind. 2½d. to 1d.
Casterton ..	Casterton E.S. Co. Pty. Ltd. ..	D.C., 230 v. ..	2,200	573	9d. to 7d. ..	4d. to 2d.
Charlton ..	Charlton E.L. and P. Co. Ltd. ..	D.C., 230 v. ..	1,300	399	1s. to 7d. ..	5d. to 3d.
Cohuna ..	Gunbower Co-op. Butter Factory and Trading Co. Ltd.	A.C., 3 ph., 230-400 v.	1,150	362	1s. to 9d. ..	6d. to 2d.
Corryong ..	Shire of Upper Murray ..	A.C., 3 ph., 230-400 v.	700	209	1s. 3d. ..	6d. to 3d.
Culgoa ..	Wycheproof Shire Council ..	A.C., 3 ph., 230-400 v.	..	(Incl. in Wycheproof)	11d. to 9d. ..	5d. to 3½d.
Dimboola ..	Dimboola Shire Council ..	D.C., 230-460 v. ..	1,800	518	1s. to 8d. ..	6d. to 3d.
Donald ..	Donald Shire Council ..	D.C., 230 v. ..	1,500	442	1s. and 10d. ..	6d. to 1¼d.
*Doncaster and Templestowe	Doncaster Shire Council ..	A.C., 1 ph., 200-400 v.	2,600	791	Dom. 7d. ..	Dom. 4d. to ½d.
Dumosa ..	Wycheproof Shire Council ..	A.C., 3 ph., 230-400 v.	..	(Incl. in Wycheproof)	Ind. 7d. ..	Ind. 3½d. to 1d.
Edenhope ..	Edenhope E.S. Co. Pty. Ltd. ..	D.C., 230 v. ..	500	80	11d. to 9d. ..	5d. to 3½d.
Goroke ..	Goroke Butter and Freezing Co. ..	D.C., 230 v. ..	310	87	1s. 3d. ..	9d.
Gunbower ..	Gunbower Co-op. Butter Factory and Trading Co. Ltd.	D.C., 230 v. ..	260	53	1s. 4d. to 9d. ..	6d. to 3d.
					1s. to 9d. ..	6d. to 3d.
Heathcote ..	Melvor Shire Council ..	D.C., 230-460 v. ..	1,400	278	1s. 6d. ..	9d. to 7d.
Heywood ..	S. F. Block ..	A.C., 3 ph., 230-400 v.	1,100	234	1s. 3d. to 1s. ..	7d. to 4½d.
Hopetoun ..	Karkaroo Shire Council ..	D.C., 230 v. ..	800	238	10d. and 9d. ..	4d.
Horsham ..	Horsham City Council ..	{ D.C., 230-460 v. A.C., 3 ph., 230-400 v. }	6,500	1,833	9d. ..	Dom. 4d. to 2½d. Ind. 9d. to 1½d.
Irymple ..	Mildura City Council ..	A.C., 3 ph., 230-400 v.	..	(Incl. in Mildura)	Dom. 1½d. to 1¼d. Ind. 2½d. to 1d.	6d. to 3d.
Jeparit ..	S. F. Block (trading as "Jeparit Electric Light and Power Station").	D.C., 230 v. ..	825	241	1s. to 9d. ..	6d. to 3d.
Kaniva ..	Kaniva Shire Council ..	A.C., 2 ph., 230-400 v.	1,240	273	1s. ..	6d. to 4d.
Kerang ..	Kerang Shire Council ..	A.C., 3 ph., 230-400 v.	3,000	796	8d. to 4d. ..	4d. to 1½d.
Kilmore ..	Kilmore Shire Council ..	D.C., 230 v. ..	1,200	250	10d. to 6d. ..	4d.
Koondrook ..	Kerang Shire Council ..	A.C., 3 ph., 230-400 v.	750	131	1s. 3d. ..	9d. to 3½d.
Korong Vale ..	Korong Shire Council ..	A.C., 3 ph., 230-400 v.	..	(See Wedderburn)	1s. ..	5½d. to 2d.
Manangatang ..	J. Andrews ..	D.C., 230 v. ..	400	81	1s. 4d. ..	9d. to 3d.
Merbein ..	Mildura City Council ..	A.C., 3 ph., 230-400 v.	..	(Incl. in Mildura)	6½d. to 5½d. ..	Dom. 1½d. to 1¼d. Ind. 2½d. to 1d.
Mildura ..	Mildura City Council ..	A.C., 3 ph., 230-400 v.	17,500	4,821	City, 6½d. to 5½d.; District, 6½d. to 5½d.	City—Dom. 1½d. to 1¼d.; Ind. 2½d. to 1d. Dist.—Dom. 1½d. to 1¼d.; Ind. 2½d. to 1d.

ELECTRICITY SUPPLY UNDERTAKINGS (MUNICIPAL AND PRIVATE)—continued.

Municipality or Centre.	Supply Authority.	System of Supply.	Popu- lation.	Number of Consumers.	Tariffs.	
COUNTRY—con- tinued.					Lighting.	Power.
Minyip ..	Dunmunkle Shire Council ..	D.C., 230 v. ..	700	198	1s. .. ..	8d. to 2d.
Mitiamo ..	C. W. Sims Jnr. ..	D.C., 230 v. ..	150	27	1s. 3d. to 6d. ..	1s. to 3d.
					Optional Tariff—4s. per month, plus 1s. per unit for first 12 units and 6d. per unit for all over.	
Murrayville ..	Walpeup Shire Council ..	A.C., 3 ph., 230-400 v. ..	400	91	1s. 3d. .. ..	6d. to 3½d.
Murtoa ..	Dunmunkle Shire Council ..	D.C., 230 v. ..	1,148	347	9d. .. ..	4d. to 2d.
Nagambie ..	Goulburn Shire Council ..	D.C., 230-460 v. ..	900	225	10d. .. ..	6d.
Natimuk ..	H. C. Woolmer ..	A.C., 230-400 v. ..	500	123	1s. 3d. to 1s. ..	7d. to 5d.
Nhill ..	Lowan Shire Council ..	D.C., 230-460 v. ..	1,990	563	9d. .. ..	5d. to 2d.
Nullawil ..	Wycheproof Shire Council ..	A.C., 3 ph., 230-400 v. ..	..	(Incl. in Wycheproof)	11d. to 9d. ..	5d. to 3½d.
Omeco ..	Omeco E.S. and Motor Co. Pty. Ltd.	A.C., 3 ph., 230-400 v. ..	300	95	1s. 6d. .. ..	6d.
Orbos ..	Orbost Butter and Produce Co. Ltd.	D.C., 230 v. ..	1,600	484	10d. to 8d. ..	5d. to 2d.
Ouyen ..	Walpeup Shire Council ..	D.C., 230-460 v. ..	1,000	310	1s. 1d. .. ..	4d.
Phillip Island ..	Phillip Island Shire Council ..	A.C., 3 ph., 230-400 v. ..	500	176	† 1s. 1d. and 1s. ..	7d. to 4d.
Portland ..	Portland Borough Council ..	A.C., 3 ph., 230-400 v. ..	3,600	1,071	10d. to 6d. ..	5d. to 3d.
Pyramid ..	Gordon Shire Council ..	A.C., 3 ph., 230-400 v. ..	500	131	1s. 3d. to 6d. ..	6d. to 3d.
Quambatook ..	Kerang Shire Council ..	D.C., 230 v. ..	500	119	1s. to 9d. ..	6d. to 4d.
Rainbow ..	Frank Dawson Pty. Ltd. ..	D.C., 230 v. ..	1,000	219	1s. to 8d. ..	6d.
Red Cliffs ..	Mildura City Council ..	A.C., 3 ph., 230-400 v. ..	..	(Incl. in Mildura)	6½d. to 5½d. ..	Dom. 1½d. to 1¼d. Ind. 2½d. to 1d.
Rupanyup ..	Dunmunkle Shire Council ..	D.C., 230 v. ..	700	166	1s. 1d. .. ..	8d. to 2d.
Rushworth ..	Waranga Shire Council ..	D.C., 230 v. ..	1,200	332	10d. .. ..	4d. to 2d.
Sea Lake ..	Wycheproof Shire Council ..	A.C., 3 ph., 230-400 v. ..	..	(Incl. in Wycheproof)	11d. to 9d. ..	5d. to 3½d.
Serviceton ..	C. C. Wallis ..	D.C., 230 v. ..	175	37	1s. .. ..	6d.
Stawell ..	Stawell Borough Council ..	A.C., 3 ph., 230-400 v. ..	4,900	1,426	9d. .. ..	4d. to 2d.
St. Arnaud ..	St. Arnaud Borough Council ..	A.C., 3 ph., 230-400 v. ..	3,000	823	11d. to 6d. ..	5d. to 2½d. Optional tariff— 1/4 per room per month, plus 3½d. per unit.
Swan Hill (Borough) ..	Swan Hill Borough Council ..	A.C., 3 ph., 230-400 v. ..	5,000	1,236	8d. to 3d. ..	5d. to 1½d. less 45%
Swan Hill (Rural Supply) ..	Swan Hill Shire Council ..	A.C., 3 ph., 230-400 v. ..	11,000	740	1s. 1d. to 6d. ..	4d. to 3d. Optional tariff— 1/4 per room per month, plus 3d. per unit.
Underbool ..	A. J. Gloster ..	D.C., 230 v. ..	200	47	1s. 6d. .. ..	9d. to 6½d.
Walwa ..	O. A. Hoffmann ..	D.C., 230 v. ..	250	40	1s. 6d. .. ..	9d.
Warracknabeal ..	Warracknabeal E.L. Co. Ltd. ..	A.C., 3 ph., 230-400 v. ..	2,800	782	10d. and 9d. ..	6d. to 3d.
Wedderburn (Incl. Korong Vale) ..	Korong Shire Council ..	A.C., 3 ph., 230-400 v. ..	1,450	Wedderburn, 213 Korong Vale, 104	1s. .. ..	5½d. to 2d.
Wonthaggi ..	State Coal Mine ..	A.C., 3 ph., 240-415 v. ..	4,223	1,594	7d. .. ..	3d. to 1½d.
Woomelang ..	E. H. & L. J. Bailey ..	D.C., 230 v. ..	410	58	1s. 3d. and 1s. 1d. ..	7d.
Wycheproof (Incl. Sea Lake and Inter- mediate Towns)	Wycheproof Shire Council ..	A.C., 3 ph., 230-400 v. ..	2,500	627	11d. to 9d. ..	5d. to 3½d.

\* Supplied in bulk by State Electricity Commission.

† Special per capita tariff for Guest houses.

NEW SOUTH WALES UNDERTAKINGS (BULK SUPPLIES).

(Not included in Summary.)

Municipalities of Albury, Berrigan, Corcen, Corowa, and Moama purchased from the State Electricity Commission of Victoria 23,145,403 kWh. during the year.

## STATE ELECTRICITY COMMISSION OF VICTORIA.

## COUNTRY UNDERTAKINGS ACQUIRED (77)—INCREASED DEVELOPMENT SINCE ACQUISITION.

Location.	Acquisition Date.	After Acquisition, Year 1948-49.		Prior to Acquisition.			Average Revenue per kWh. Sold.	
		kWh. Sold.	Revenue.	kWh. Sold.	Revenue.	For Year Ended.	1948-49.	Prior to Acquisition.
Metropolitan Branch.			£		£		d.	d.
Werribee .. .. .	10-1-21	5,112,683	31,876	61,190	2,575	30-9-23	1-63	10-10
Ballarat Branch.								
Ballan .. .. .	1-3-40	168,190	1,873	13,261	964	30-6-39	2-67	17-15
Daylesford .. .. .	31-10-40	1,811,768	12,778	184,853	5,091	30-10-40	1-69	6-61
Hepburn Springs .. .. .	1-10-40	344,119	3,359	16,002	1,701	30-6-40	2-31	8-87
Wallace .. .. .	17-5-40	101,219	654	1,320	90	30-6-39	1-55	16-36
Bendigo Branch.								
Eaglehawk .. .. .	1-2-36	1,865,562	13,621	198,580	1,172	30-9-35	1-75	5-10
Elmore .. .. .	2-9-47	491,089	3,436	60,000	2,188	30-6-46	1-68	8-75
Ingewood .. .. .	3-12-46	208,307	2,615	89,100	2,614	30-9-46	3-01	7-02
Eastern Metropolitan Branch.								
Dandenong .. .. .	1-10-23	4,964,625	33,987	77,300	1,006	30-9-23	1-64	12-41
Frankston .. .. .	21-2-28	7,853,117	52,398	293,000	8,859	30-9-27	1-60	7-25
Healesville .. .. .	1-4-33	1,878,359	15,032	108,910	4,196	30-9-31	1-92	9-24
Lilydale .. .. .	1-1-25	2,059,103	11,804	39,950	1,816	30-9-24	1-38	10-91
Mornington .. .. .	1-8-30	2,732,927	20,069	120,000	1,634	30-9-28	1-76	9-26
Ringwood and Croydon	1-1-25	8,088,019	19,314	181,600	4,393	30-9-21	1-46	5-81
Sorrento and Portsea	1-10-27	1,731,904	12,105	47,500*	2,140	30-9-27	1-72	12-33*
Warburton .. .. .	1-7-41	701,115	8,333	112,555	3,485	30-6-41	2-85	7-43
Gippsland Branch.								
Bairnsdale .. .. .	1-4-27	2,892,184	22,098	100,272	2,918	30-6-23	1-83	7-06
Drouin .. .. .	3-10-24	1,660,518	9,647	19,500	713	30-9-21	1-39	9-15
Garfield .. .. .	1-8-29	159,315	1,219	8,861	465	30-12-27	1-81	12-59
Heyfield .. .. .	15-9-24	360,911	3,001	20,000*	950*	30-6-24	2-00	11-40*
Inverloch .. .. .	1-10-34	160,105	1,622	1,000*	200	30-6-34	2-43	12-00*
Koo-wee-rup .. .. .	1-8-35	494,691	3,255	17,181	686	9-8-33	1-58	9-12
Korumburra .. .. .	1-12-24	2,158,748	13,697	85,000	3,127	30-9-23	1-34	9-68
Leongatha .. .. .	15-2-21	1,790,862	10,662	50,610	2,012	30-6-23	1-43	9-53
Maffra .. .. .	1-9-24	1,007,816	18,849	62,000	2,651	30-9-22	1-13	10-26
Morwell .. .. .	1-4-26	16,241,347	51,411	52,062	1,772	30-9-25	0-80	8-17
Necerin South-Noojee	15-1-35	971,096	5,755	59,550	1,193	30-6-33	1-42	4-81
Sale .. .. .	1-7-21	1,200,796	29,171	114,155	3,687	30-6-21	1-68	7-75
Toora-Foster .. .. .	1-5-38	921,045	5,906	116,330	2,348	30-6-36	1-51	4-84
Thorpdale .. .. .	23-12-37	150,231	1,115	5,000*	312*	23-12-37	1-78	14-98*
Warragul .. .. .	1-12-30	3,583,731	23,822	150,000*	4,830	30-11-30	1-60	7-73*
Welshpool .. .. .	13-8-38	87,452	989	5,280	172*	13-8-38	2-71	7-82*
Yarram .. .. .	31-7-46	797,481	6,436	264,000*	6,422	31-1-46	1-94	5-81*
Midland Branch.								
Avoca .. .. .	1-8-40	308,074	2,841	46,410	1,922	30-6-40	2-21	9-94
Bacchus Marsh .. .. .	2-6-41	1,597,991	12,098	253,913	4,225	30-9-10	1-82	3-99
Castlemaine .. .. .	31-12-29	3,612,921	24,949	175,904	7,130	31-12-28	1-66	9-73
Dunolly .. .. .	1-4-38	375,582	3,088	32,667	1,188	30-9-37	1-97	8-73
Gisborne .. .. .	1-10-28	325,755	2,672	17,000	1,074	30-9-27	1-97	15-16
Kyneton .. .. .	1-18-29	1,360,563	11,218	113,340	5,133	30-9-27	1-98	9-09
Maryborough .. .. .	1-10-37	3,604,898	25,138	421,013	10,215	30-9-37	1-67	5-82
Sunbury .. .. .	1-5-26	516,684	4,887	58,501	2,490	30-9-21	2-27	10-21
Trentham .. .. .	8-5-39	162,487	1,695	21,000*	989	30-9-38	2-50	11-30*
Woodend .. .. .	1-8-29	666,133	5,608	51,000	2,555	30-9-27	2-02	12-02
North-Eastern Branch.								
Alexandra .. .. .	11-1-27	906,247	6,698	61,000*	1,875	30-9-26	1-77	7-00*
Beechworth .. .. .	2-9-46	910,482	8,394	182,661	6,982	30-9-46	2-21	9-17
Benalla .. .. .	1-5-26	2,752,122	22,357	70,800	3,373	30-9-21	1-95	11-43
Bright .. .. .	1-12-41	501,996	3,725	49,200	1,801	31-10-41	1-78	8-79
Broadford .. .. .	31-8-48	176,634	2,088	75,089	2,678	31-8-48	2-81	8-56
Clifton .. .. .	1-9-26	176,634	2,088	13,475	730	31-8-26	2-81	13-00
Cobram .. .. .	1-10-28	1,150,930	7,499	19,500	1,116	30-9-27	1-56	17-43
Euroa .. .. .	20-3-28	1,036,768	9,045	46,618	1,782	30-9-25	2-09	9-17
Kyabram .. .. .	1-12-26	2,383,730	15,822	92,312	3,162	1-7-25	1-59	9-00
Mansfield .. .. .	1-6-28	657,436	5,631	25,000	1,341	30-9-27	2-06	12-88
Mooroopna .. .. .	1-10-26	1,875,214	10,203	10,000	1,457	30-9-25	1-31	8-74
Murchison .. .. .	30-11-45	281,523	2,718	11,080	2,547	30-9-45	2-32	5-36
Myrtleford .. .. .	1-12-40	808,778	5,981	59,260	2,089	30-6-40	1-78	8-16
Nathalia and Numurkah	1-10-31	1,182,136	11,814	96,763	3,619	30-9-31	1-92	8-97
Rochester .. .. .	1-8-35	1,158,095	8,213	191,310	4,223	31-7-35	1-70	5-30
Rutherglen .. .. .	15-10-26	3,150,764	14,246	28,392	1,377	30-9-24	1-09	11-61
Seymour .. .. .	2-10-44	2,175,854	18,209	1,004,623	14,019	30-9-41	2-01	3-35
Shepparton .. .. .	1-1-25	6,181,366	11,900	163,400	4,625	30-6-21	1-63	6-79
Stanhope .. .. .	14-6-38	863,593	5,221	5,150*	341	14-6-38	1-45	15-89*
Tallangatta .. .. .	1-11-40	168,232	3,848	118,033	3,119	30-9-40	1-97	6-34
Tatura .. .. .	1-11-26	1,240,977	9,009	10,000	1,710	30-6-25	1-74	10-26
Violet Town .. .. .	1-3-36	138,775	1,513	11,650*	1,160	30-9-35	2-67	19-00*
Wahgunyah .. .. .	1-2-26	128,694	1,253	7,233	263	30-9-22	2-34	8-73
Wangaratta .. .. .	12-3-27	6,620,340	39,996	151,600	4,788	30-9-25	1-15	7-58
Wodonga .. .. .	1-11-33	1,114,157	10,957	64,500*	3,000*	30-6-33	1-86	11-16*
Yarrawonga .. .. .	1-8-25	9,116,092	32,692	47,000	2,119	30-9-24	0-86	10-97
Yea .. .. .	1-5-45	496,143	1,299	163,550	3,134	30-9-44	2-08	4-60
South-Western Branch.								
Camperdown .. .. .	1-1-24	1,867,261	15,189	97,664	4,122	30-9-23	1-95	10-13
Colac .. .. .	1-9-23	5,094,766	31,068	99,000	2,673	30-9-22	1-82	6-48
Coleraine .. .. .	1-7-46	303,483	3,374	100,216	2,435	31-12-41	2-67	5-83
Hamilton .. .. .	1-7-46	3,096,570	28,099	1,440,664	19,422	31-12-44	2-18	3-24
Koroit .. .. .	1-12-28	425,730	3,855	50,000	2,319	30-9-28	2-17	11-13
Lorne .. .. .	15-12-36	1,126,613	8,162	24,000	1,658	30-9-36	1-80	16-58
Mortlake .. .. .	16-5-24	514,585	1,215	35,306	1,626	30-9-22	1-98	11-05
Terang .. .. .	4-3-24	1,267,958	9,724	78,839	3,439	30-9-23	1-84	10-47
Total .. .. .	..	154,386,560	990,113	8,804,191	240,129	..	1-54	6-55

\* Approximate only.

## COMPARISON OF TOTAL FIGURES.

	kWh. Sold.	Revenue.	Average Revenue per kWh.
After acquisition .. .. .	151,386,560	990,113	1-54
Prior to acquisition .. .. .	8,804,191	240,129	6-55
Increase in sales and revenue .. .. .	1,653-6%	312-3%	Decrease 5-01 = 76-5%

STATE ELECTRICITY COMMISSION OF VICTORIA.  
TRANSMISSION AND DISTRIBUTION SYSTEMS.

Description.	Increase during Year ended 30th June, 1949.		Total at 30th June, 1949.		
	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 Warragul .. ..	66 kV. ..	..	24·8	74·4	
Newport to Geelong .. ..	66 kV. ..	4·8	79·3	252·3	
Sugarloaf to Thomastown .. ..	66 kV. ..	28·8	62·0	372·0	
Thomastown to Bendigo .. ..	66 kV. ..	..	93·4	560·7	
Newport to Ballarat .. ..	66 kV. ..	..	78·0	234·0	
Kiewa No. 3 G.S. to Sugarloaf .. ..	66 kV. ..	..	137·0	411·0	
Kiewa No. 3 G.S. to Howman's Gap .. ..	66 kV. ..	..	4·0	12·0	
Kiewa No. 3 G.S. to Mt. Beauty .. ..	22 kV. ..	4·8	4·8	14·4	
Kiewa-Rocky Valley to Pretty Valley .. ..	22 kV. ..	3·0	9·0	9·0	
Main Metropolitan Transmission Lines .. ..	66 kV. ..	..	22·0	22·0	
" " " " " " .. ..	22 kV. ..	16·4	49·8	200·8	680·5
Branches—					
Metropolitan .. ..	22 kV. ..	0·3	0·8	93·7	277·9
	7·2, 6·6, 4·0 kV. ..	9·0	26·6	328·4	961·6
	Low tension .. ..	47·6	192·7	1,913·9	7,272·5
Ballarat .. ..	22 kV. ..	10·3	20·7	206·5	572·8
	6·6 kV. ..	6·1	13·3	49·1	130·8
	Low tension .. ..	27·7	87·2	291·4	993·8
Bendigo .. ..	22 kV. ..	68·5	156·7	236·7	609·8
	Low tension .. ..	7·7	20·6	201·2	723·9
Geelong .. ..	22 kV. ..	0·2	7·2	145·8	374·7
	6·6 kV. ..	1·3	3·7	63·3	225·9
	Low tension .. ..	6·2	27·6	220·1	793·7
Eastern Metropolitan .. ..	22 kV. ..	27·9	98·3	603·1	1,561·7
	6·6 kV. ..	1·5	8·2	67·6	171·0
	Low tension .. ..	46·9	212·8	870·8	2,912·0
Gippsland .. ..	66 kV. ..	..	..	65·8	197·3
	22 kV. ..	39·7	49·1	1,144·3	2,799·0
	6·6 kV. ..	..	..	0·8	1·6
	Low tension .. ..	76·7	259·5	925·8	3,043·9
Midland .. ..	22 kV. ..	10·7	32·0	419·8	1,165·9
	6·6 kV. ..	..	..	1·6	4·7
	Low tension .. ..	13·0	35·7	288·8	955·9
North-Eastern .. ..	66 kV. ..	—	11·0	33·0	161·8
	22 kV. ..	73·8	169·1	1,139·7	3,016·8
	6·6 kV. ..	—	18·4	57·2	..
	Low tension .. ..	47·0	157·8	613·0	2,105·1
South-Western .. ..	66 kV. ..	14·2	42·6	90·9	412·1
	44 kV. ..	..	..	44·6	148·9
	22 kV. ..	41·2	94·8	1,145·3	2,489·2
	6·6 kV. ..	..	..	63·6	176·5
	Low tension .. ..	27·4	70·0	476·1	1,253·4
Yallourn .. ..	6·6 kV. ..	0·3	0·8	9·5	28·4
	Low tension .. ..	1·1	4·3	16·0	53·4
Summary .. ..					
	132 kV. ..	..	..	190·5	1,143·0
	66 kV. ..	8·0	38·4	819·0	3,033·2
	44 kV. ..	..	..	44·6	148·9
	22 kV. ..	296·8	701·9	5,343·5	13,571·7
	7·2, 6·6, 4·0 kV. ..	—	0·2	4·6	583·9
	Low tension .. ..	301·3	1,068·2	5,817·1	20,107·6
		605·9	1,803·9	12,798·6	39,704·9
UNDERGROUND CABLES.					
22 kV. .. ..	Cable Miles.		Cable Miles.		
11, 7·2, 6·6, 4·0 and 3·3 kV. .. ..	3·98		155·98		
Pilot, telephone, and supervisory .. ..	3·29		333·15		
Low tension .. ..	9·68		172·72		
	1·31		59·95		
	18·26		721·80		
SUB-STATIONS.					
Terminal Stations .. ..	Number.	Capacity kVA.	Number.	Capacity kVA.	
Switching Stations .. ..	..	..	7	421,250	
Main Metropolitan Transmission Sub-stations .. ..	..	..	2	18,000	
Distribution Sub-stations at Line Voltage .. ..	..	8,000	36	495,750	
Branches—	..	..	4	16,500	
Metropolitan .. ..	33	12,555	931	257,270	
Ballarat .. ..	28	875	210	13,155	
Bendigo .. ..	47	1,475	185	33,680	
Geelong .. ..	18	4,360	219	30,985	
Eastern Metropolitan .. ..	38	6,100	736	39,645	
Gippsland .. ..	35	2,050	958	34,060	
Midland .. ..	11	265	299	20,885	
North-Eastern .. ..	85	2,260	971	73,634	
South-Western .. ..	88	6,430	1,199	51,539	
Yallourn .. ..	1	460	17	2,785	
	374	28,830	5,774	1,509,138	

## GENERATION OF ELECTRICITY.

## STATE OF VICTORIA.

## (a) 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 below.	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).			kWh. (millions).	kWh. (millions).	kWh. (millions).	kWh. (millions).	kWh. (millions).	
			(1).	(2).	Total.						
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 State 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

(1) 25 cycle supplied to other authorities.

(2) 25 cycle Railway purposes.

GENERATION OF ELECTRICITY.  
STATE OF VICTORIA.

(b) STATE ELECTRICITY COMMISSION OF VICTORIA.

Station. Year.	Yallourn.*		Newport.		Richmond.		Geelong.		Ballarat and Bendigo.		Spencer-street.		Sugarloaf-Rubicon.		Kiewa.		All Stations.	
	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. (millions).	M.D. kW. Coincident.
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	10,000	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	†2,148.0	436,930

\* Including electricity transferred from Briquette Factory.

† Includes generation at Hamilton (from 1/7/46) and Warburton (1/7/44 to 16.8.47).



STATE ELECTRICITY COMMISSION OF VICTORIA  
ELECTRICITY SUPPLY

GENERATION  
TRANSMISSION  
H.V. DISTRIBUTION

