

There was no serious interruption to supply during the year, only seven accidental interruptions occurring, the total duration being 2 hours 26 minutes, and in all instances only partial interruption to the system occurred.

New services erected during the year were 333. The meters in circuit number 11,338. The total number of street lamps is 661, and represent a connected load of 60 kws.

The additional connected load of street, lakeside and shop illuminations for the Centenary and Back-to-Ballarat celebrations was 193 kws.

The station output shows an increase of 11.77% over the previous year, and the Station maximum demand an increase of 14.6%. The increase in maximum demand was considerably greater than was anticipated, and the capacity of the plant available was fully taxed on several occasions.

During the year, the programme of complete inspection and partial overhaul of the boiler plant was completed. The governor mechanisms of the two Ljungstrom Turbo-Alternator units being in a very bad condition, were overhauled, and are now in good condition. In the absence of standby plant, it was not considered desirable to proceed with the required major overhauls of these units.

A breakdown occurred on the armature of the 300 kW. direct current turbo set, involving a complete rewind, which is now nearing completion.

During the year a new cooling tower was erected and put into service, replacing an old tower which was obsolete and in an unsafe condition.

Prior to the cessation of the supply of briquettes in December, the fuel used in the station comprised approximately 46% briquettes and 54% Victorian slack coal. It being impossible to use black coal on the hand-fired grate of No. 3 boiler, this boiler has, since December, been fired with wood.

Meter Test section: Proper equipment was provided and efficient personnel arranged in this section during the year.

The excellent results of the operations of the Electric Supply undertaking were adversely affected by a loss on Tramway operations.

Tramway track reconditioning commenced in November, and three miles of track were completed by the end of June. In addition, 17½ miles of overhead trolley wire were replaced with new wire, the overhead work generally straightened up and brought up to date, and all poles in main city streets and the Gardens were painted.

Four combination trams were bought from the Melbourne & Metropolitan Tramways Board, and are being reconstructed to suit Ballarat operating conditions.

2. Area Served: 19.8 square miles.
3. No. of Homes in Area Served: 10,133.
4. No. of Meters & Time Switches in circuit at 30th June, 1935:

Meters - 11,338	Time Switches - 90
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5. (a) 999 motors.
 (b) 5333 h.p.
 (c) 43 ranges
 (d) 15 ranges
 (e) 34 refrigerators
 (f) 10 refrigerators
 (g) 15 water heaters
 (h) nil
6. (a) 661 lamps
 (b) 13 lamps
 (c) 60 kws.
 (d) 1 kw.
7. 6.6 kv. lines.

(a) Erected during the year:	4.3 route miles 12.9 cable miles
(b) Total erected at 30/6/35:	16.6 route miles 49.8 cable miles
8. Underground Cables, 220-440 volt. 3-core (Various sizes)

(a) Laid during the year:	Nil
(b) Total route miles 30/6/35:	11.8
9. Substations -

(a) Installed during the year:	3
Total installed at 30/6/35:	23
(b) 2325 kVa.	

10. Accrued Kilowatt-hours Sold:

- (a) Estimate 30/6/35: 208,478 kWhrs.
 (b) Increase on 30/6/34: 55,184 kWhrs.

11. Country Centres served by S.E.C. of Victoria:

<u>District</u>	<u>Population</u>	<u>System of Supply</u>	<u>No. of Consumers</u>
City of Ballarat	39,000	A.C.3-ph. 230-400v.	7,098
Borough of Sebastopol		D.C.3-wire 220-440v.	
Ballarat Shire (portion only)		A.C.3-ph. 230-400v.	

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