

Supply of Electricity in Eastern Transvaal Lowveld

Marathon Distribution Station and the 66 kV line Marathon-Noordkaap were commissioned during September, 1963, and the further section of 66 kV line to Louws creek was commissioned in December, 1963.

Some 12·5 miles of 22 kV lines and 13·5 miles of 11 kV lines were taken over from Eastern Transvaal Consolidated Mines, Limited, and supplies were furnished to Barberton Municipality, Fairview mine, Eastern Consolidated Agnes and Ben Lomond mines, and to Marble Lime and Associated Industries Ltd., at Noordkaap, in September, 1963.

A supply which has been notified at 5,500 kVA is to be provided for the new Ngodwana Mill of S.A. Pulp and Paper Industries, Limited, which is being established in the Elandshoek Valley, some 30 miles west of Nelspruit.

Komati Power Station

During 1963 two further 100 MW turbo-generator sets and associated boilers were commissioned at Komati Power Station, the third and fourth sets at this Station, on 7th June, 1963, and 1st November, 1963. The fifth set and boiler were taken into commercial service on 5th February, 1964.

Unfortunately, due to failure of the low-pressure shaft forgings for No. 6 and No. 7 machines at Komati, construction has been delayed; and these machines are not expected earlier than August, 1964, and January, 1965.

Camden Power Station

A description of the new Camden Power Station near Ermelo was given in the last Annual Report when it was announced that two 200 MW sets and two 1,800,000 lb/hr boilers had been ordered for this Station.

In order to meet the growth of load on the three Undertakings which draw power from the pooled power stations in the Transvaal and Orange Free State, i.e. Eastern Transvaal, Rand and Orange Free State and Cape Northern Undertakings, the dates of completion of the first and second sets have been advanced, and orders have been placed for three further sets and boilers which are to be completed for commissioning over the period March, 1967, to January, 1968.

This programme thus provides for the addition of 1,000 MW of generating plant at this Station over a period of 18 months from the starting up of the Station.