

PLANT CAPACITY

The capacity of generating plant taken into commercial service in Escom's power stations during the year 1962, and the capacity of the additional plant under construction or on order at 31st December, 1962, are given in the following table:—

| | Plant taken into service: 1962 | | Plant under construction or on order at 31st December, 1962. | |
|--------------------------------------|--------------------------------|---------------|--|---------------|
| | Boilers lb/hr | Generators kW | Boilers lb/hr | Generators kW |
| Cape Western Undertaking | | | | |
| Hex River Power Station..... | | | 275,000 | 30,000 |
| Border Undertaking- | | | | |
| West Bank Power Station..... | | | | 15,000 |
| Natal Central Undertaking | | | | |
| Ingagane Power Station..... | | | 1,800,000 | 200,000 |
| Eastern Transvaal Undertaking | | | | |
| Komati Power Station..... | 900,000 | 100,000 | 6,075,000 | 675,000 |
| Rand and O.F.S. Undertaking | | | | |
| Highveld Power Station..... | | | 1,100,000 | 120,000 |
| Camden Power Station..... | | | 3,600,000 | 400,000 |
| | 900,000 | 100,000 | 12,850,000 | 1,440,000 |

Of the plant listed above as being under construction at the end of the year, the following boilers and turbo-alternator sets were commissioned after the year-end or were expected to be available for the winter loads of 1963:—

| | Boilers lb/hr. | Generators kW. |
|---|---------------------------|---------------------------|
| Natal Central Undertaking | | |
| Ingagane Power Station | 900,000 | 100,000 |
| Eastern Transvaal Undertaking | | |
| Komati Power Station | 900,000 | 100,000 |
| Rand and Orange Free State Undertaking | | |
| Highveld Power Station | 1,100,000 | 120,000 |
| | 2,900,000 | 320,000 |

Thus the capacity of new plant on order to meet future expansion and development was 1,120,000 kW; and, as reported above, the order for the final generating set and boiler for Komati Power Station has also been placed, making up a total at 30th April, 1963, of 1,245,000 kW.