

**Investment for Electricity Generation by Central, State, Private and Captive Sectors**

6921. SHRI A. K. ROY: Will the Minister of ENERGY AND COAL be pleased to state:

(a) amount of electricity generation investment by the Central, State and Private and Captive Sector and their capacity utilisation for the last three years, facts in details; and

(b) sources used for electricity generation for the same?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN): (a) and (b). Information is being collected and will be laid on the Table of the House.

**Expansion of the D.V.C. Hydel and Thermal Potential**

6922. SHRI SATYENDRA NARAIN SINHA: Will the Minister of ENERGY AND COAL be pleased to state:

(a) whether there is a programme for further expansion of the D. V. C. hydel thermal potential; and

(b) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN): (a) Yes, Sir.

(b) Damodar Valley Corporation has been sanctioned two new projects for execution namely the Panchet Hill Hydro-electric Pump Storage unit of 40 MW and Bokaro 'B' Extension, 1st Unit of 200 MW. The Bokaro 'B' Extension of 2 units of 200 MW each and the associated transmission lines have also been techno-economically cleared by the Central Electricity Authority. In addition the DVC has proposed the following schemes which are under examination:—

1. Extension of the CTPS—1 unit of 120 MW.

2. Extension of the DTPS—1 unit of 120 MW i.e. Unit No. V.

3. Extension of Bokaro 'B' Station, II Stage—2 units of 200 MW each.

4. Installation of pump turbine units at Bermo ( $\times 40$ ) MW).

5. A new power station either at Kalyanmeswari near Maithon or at Mejia in Bankura district with  $2 \times 200$  MW units in the 1st stage.

**500 MW Generation and 400 KV distribution Energy Programme for Future Requirement**

6923. SHRI SATYENDRA NARAIN SINHA: Will the Minister of ENERGY AND COAL be pleased to state:

(a) whether 500 MW generation and 400 KV distribution has been accepted as the standard in the energy programme for all future requirements;

(b) if so, whether BHEL has the capacity to supply the equipment as and when required in future; and

(c) if not, whether foreign suppliers would be the main contractors for such equipment in future?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI VIKRAM MAHAJAN): (a) Present power generation planning is predominantly based on standardisation of 210 MW Unit. It is, however, planned to introduce the next higher rating of 500 MW in some of the larger power stations from 7th Plan onwards. One Unit of 500 MW will be commissioned during 6th Plan also. Regarding 400 KV transmission, this voltage has been adopted for integration of State and Regional Systems.

(b) and (c). Indigenous manufacturing industry including BHEL would, by and large, be able to meet the future requirements for 500 MW power generating units and 400 KV transmission equipment. Import of foreign know-how or hardware is not ruled out wherever indigenous capacity proves inadequate.