

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

STARRED QUESTION NO:153
ANSWERED ON:23.03.2012
INDIGENOUS EQUIPMENT FOR POWER PLANTS
Kumar Shri Vishwa Mohan

Will the Minister of POWER be pleased to state:

- (a) whether indigenous equipment are being used in the setting up of power plants in the country;
- (b) if so, the details thereof;
- (c) whether there are any orders stipulating the extent of utilization of indigenous equipment in the setting up of power plants in the country;
- (d) if so, the details thereof; and
- (e) if not, the measures being taken/proposed by the Government to promote use of indigenous equipment in the setting up of power plants in the country?

Answer

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE)

(a) to (e): A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 153 TO BE ANSWERED IN THE LOK SABHA ON 23.03.2012 REGARDING INDIGENOUS EQUIPMENT FOR POWER PLANTS.

(a) : Yes, Madam.

(b) : Out of thermal generating capacity of 96649.6 MW and hydro capacity of 13754 MW which are under construction for likely benefit during the balance period of 11th Plan, 12th Plan and beyond, thermal projects aggregating to 50239.6 MW (details at Annex-I) and hydro projects aggregating to 12329 MW (details at Annex-II) are being set up with equipment supplied by indigenous equipment suppliers.

(c) to (e): In order to facilitate large power generation capacity addition programme currently under implementation, indigenous manufacturing of supercritical power equipment is being encouraged. BHEL have entered into technology collaboration agreements with M/s. Alstom (France) and Siemens (Germany) for manufacturing of supercritical boiler and turbine generators respectively. Several Joint Ventures like L&T with Mitsubishi, Bharat Forge with Alstom, JSW with Toshiba, BGR with Hitachi, Gammon with Ansaldo have been set up in the country for manufacturing of supercritical boilers & turbine generators with technology tie-ups from International manufacturers of supercritical equipment. Doosan has come to establish its manufacturing facilities on their own strength.

With a view to encouraging domestic manufacturing of supercritical units, bulk orders for 11 supercritical units of 660 MW each for NTPC and DVC and 9 supercritical units of 800 MW each for NTPC have been approved by the Government. These bulk orders have mandatory stipulation as per pre-agreed Phased Domestic Manufacturing Programme (PMP). The roadmap for PMP has also been defined indicating milestones for setting up manufacturing facilities for boilers and turbine generators.

Further with a view to supporting indigenous manufacturers of thermal power plants based on supercritical technology, Central Electricity Authority has advised Central/State sector power generating companies/utilities to incorporate the condition of setting up of PMP in the bids to be invited till October 2012 for super-critical boilers and turbine- generators.