

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:4628
ANSWERED ON:23.04.2010
POWER GENERATING BY USING MODERN TECHNOLOGY
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Will the Minister of POWER be pleased to state:

- (a) the steps taken by the Government for the promotion of power generating units, equipped with modern technology and supercritical boilers to meet the demand of power in the country;
- (b) whether in response to the tenders invited by the National Thermal Power Corporation Limited (NTPC) for setting up of power projects using supercritical boilers, only public sector companies submitted their bids;
- (c) if so, the details thereof along with reasons therefor;
- (d) whether any cases of irregularities in the procedure for inviting tenders have come to the notice of the Government; and
- (e) if so, the details thereof and the action taken by the Government in this regard?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER(SHRI BHARATSINH SOLANKI)

(a) : The following steps have been taken by the Govt. for promotion of supercritical technology to meet the demand of power in the country:-

- i. Supercritical technology has been made mandatory for Ultra-mega Power Projects.
- ii. In order to encourage domestic manufacturing of supercritical units, Government of India has approved a proposal to invite bids for boilers and turbine generators for five supercritical projects (comprising 11 units of 660 MW) of NTPC and DVC with the mandatory condition of setting up phased manufacturing facilities in the country and the bids for the same have already been invited.
- iii. As per coal linkage policy for 12th Plan, projects with supercritical technology are being given priority in coal allocation.
- iv. Steps have been taken to enhance indigenous manufacturing capacity of supercritical units in the country. BHEL have taken up capacity augmentation programme and entered into collaboration with foreign manufacturers for supercritical technology. In addition, several Joint Ventures have been/are being set up by foreign manufacturers in association with Indian manufacturers to take up manufacture of boilers and turbine generators for supercritical thermal generating equipment in India.
- v. The Central and State sector power generating companies have been advised to incorporate the condition of setting up of phased indigenous manufacturing facilities, in the bids to be invited in next three years (till October 2012) for boilers and turbine-generators of supercritical projects.

(b) & (c) : NTPC has invited tenders for bulk procurement of 11 supercritical thermal units with the mandatory condition of setting up phased manufacturing facilities in the country. In response to NTPC's bulk tender, both public & private companies have submitted their bids as per details given below:-

- i. Steam Generator (SG) Packages: BHEL, New Delhi (Public sector Company) and L&T-MHI Boilers Private Limited, Faridabad (Private Company).
- ii. Steam Turbine Generator (STG) Packages: BHEL, New Delhi (Public Sector company) and L & T Limited, Baroda; Toshiba Corporation, Japan; Alstom-Bharat forge Power Limited, Noida; OJSC-Power Machines, Russia (Private Companies).

- (d) : No irregularities with respect to bulk procurement of these 11 supercritical units have come to the notice of Government so far.
- (e) : Does not arise in view of (d) above.