

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

UNSTARRED QUESTION NO:5222

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PUBLIC AND PRIVATE SECTOR POWER PROJECTS

Joshi Shri Pralhad Venkatesh;Khaire Shri Chandrakant Bhaurao;Patle Kamla Devi ;Verma Shri Sajjan Singh;Vishwanath Shri Adagur H

**Will the Minister of POWER be pleased to state:**

- (a) the number of operational/under construction power projects under the public and private sectors in the country at present, State/UT/project-wise;
- (b) the expenditure incurred on the operational projects, the estimated cost of under construction power projects along with the power generation capacity of such projects, project-wise;
- (c) whether all the power projects under the private sector in the 11th Five Year Plan are being commenced in time;
- (d) if so, the details thereof, State-wise; and
- (e) the time by which the under construction power projects are likely to be completed and the extent by which these would be beneficial; and
- (f) the strategy adopted by the Government to complete the under construction projects in time?

**Answer**

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

(a): List of operational (existing) power generation projects under public and private sector, State-wise and project-wise is given at Annex-I.

At present 41 thermal power projects (26,360.7 MW), 20 hydro power projects (4,236 MW) and 4 nuclear power projects (2,720 MW) which are under construction are targeted for commissioning during the 11th Plan. The details in respect of these thermal, hydro and nuclear power projects are given in Annex-II (a), II(b) and II(c) respectively.

(b) : Expenditure incurred on operational thermal and nuclear power projects (commissioned during the 11th Plan) is given at Annex-III(a) and the same in respect of similar hydro projects is at Annex-III(b).

Estimated cost of thermal, hydro and nuclear power projects which are under construction for likely benefits during the 11th Plan is given at Annex-II(a), II(b) and II(c) respectively.

(c) & (d) : In the private sector, power generation projects aggregating 16,285.5 MW thermal and 2,261 MW hydro capacity were targeted for commissioning during the 11th Plan in private sector and are likely to be commissioned during the 11th Plan. List of such thermal and hydro projects is given in Annex-IV(a) and IV(b) respectively. There is no nuclear power project under construction in private sector.

(e) : The anticipated commissioning schedule of thermal, hydro and nuclear power projects under construction with targeted commissioning during the 11th Plan are given in Annex-II(a), II(b) and II(c) respectively.

(f) : The strategy adopted by the Government to complete the under construction includes the following :

i) To overcome any supply constraints, BHEL is augmenting its manufacturing capacity for large power equipment. Further, BHEL was advised to take following actions:

# Advance placement of orders for long delivery and critical items in international market.

# Development of skilled manpower in the area of high pressure welding, fittings, instrumentation etc.

# Augmentation of their erection and commissioning infrastructure.

ii) A number of Joint Ventures have been / are being set up in the country for manufacture of super critical steam generators and turbines generators. Total manufacturing capacity of about 11,000 MW per year for steam generators and 12,000 MW per year for

turbine generators is envisaged through these Joint Ventures.

iii) Interactions were held with industry representatives for augmentation of manufacturing capacity and the need to have new vendors for Balance of Plant Equipment. Accordingly, pre-qualifying requirement for procurement of balance of plant equipment were reviewed in consultation with various stake-holders in order to facilitate participation by new upcoming vendors in future contracts.

iv) Regular reviews are undertaken by the Govt. at various levels including Ministry of Power, Ministry of Heavy Industries, Cabinet Secretariat and Planning Commission to identify the constraint areas and facilitate faster resolution of inter-ministrial and other outstanding issues.

v) An Advisory Group comprising former Secretaries of Ministry of Power, CMDs of BHEL & NTPC and representatives from industry groups such as FICCI and CII has been constituted by Ministry of Power under the chairmanship of Hon'ble Minister of Power to advise for expeditious completion of ongoing power projects.

vi) A Power Project Monitoring Panel (PPMP) has been set up by the Ministry of Power to independently follow up and monitor the progress of the power projects.