

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:6898
ANSWERED ON:07.05.2010
SUPPLY OF POWER
Singh Shri Jagada Nand

Will the Minister of POWER be pleased to state:

- (a) whether to ensure uniformity in demand and supply of power in the country a National Grid has been established through which States having shortage of power are supplied power by means of back-to-back system;
- (b) if so, the details thereof;
- (c) whether power from the Eastern Grid is being supplied to other grids in the country despite the shortage in supply of power to areas under the Eastern Grid;
- (d) if so, the details thereof along with the reasons therefor; and
- (e) the steps taken by the Government in this regard?

Answer

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

(a) & (b) : A national power grid in the country is being developed in phased manner by inter connecting regional grids. By now, regional grids of Northern, Western, Eastern and North-East Region, except Southern Grid, have been inter-connected and are operating in synchronous mode. The Southern Grid is connected with the Northern – Eastern – North-Eastern – Western Grid through HVDC back-to-back systems and HVDC bipole. The total transmission capacity of inter-regional transmission system as on 31-03-2010 is 20750 MW.

(c) to (e) : Two Thermal Power Stations, namely Kahalgaon –II (1500MW) and Talcher STPS (2000MW) have been implemented in central sector in the Eastern Region having firm allocation to States located in other regions. The power from Kahalgaon Stage –II (1500MW) in ER has been allocated on firm basis to Northern Region States (498 MW), Western Region States (398 MW) and Southern Region States (379 MW). The power from Talcher STPS (2000 MW) in ER has been allocated to Southern States (1,800 MW) and Orissa (200 MW). The unallocated power in the NTPC Stations of Eastern Region and the surrendered of firm power of DVC in the NTPC Stations, reviewed and revised from time to time, is also allocated to the States / UTs outside the Eastern Region.

Eastern Region had energy shortage of 4.4% & peak shortage of 6.3% during April, 2009 to March, 2010. The shortages, both in terms of energy & peak are the lowest among the five regions in the country. Power supply position of Eastern Region as well as other regions in the country during the period April, 2009 - March, 2010 is enclosed at Annex. Eastern Region states, except Bihar, export their seasonal & off-peak surplus power to the power deficit states.

Bihar has been provided average allocation of 1,678 MW from the Central Generating Stations of Eastern Region, which constitutes bulk of the available capacity in respect of Bihar and is also highest among the Eastern States. Additional allocation of 25 MW and 75 MW was provided to Jharkhand from the unallocated power of Central Generating Stations on 27th November, 2009 and 23rd January, 2010 respectively and has presently been provided average allocation of 529 MW from the Central Generating Stations of Eastern Region.