

**Power generation capacity in Andhra Pradesh**

443. SHRI C.M. RAMESH: Will the Minister of POWER be pleased to state:

- (a) the details of targets fixed for increasing power generation capacity from the existing capacity in Andhra Pradesh during the Twelfth Five Year Plan; and
- (b) the details of non-conventional energy sources incorporated in the new power generation capacity?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL): (a) Additional capacity of 7400 MW has been proposed for Andhra Pradesh and further the units 1 and 2 (210 MW each) of Dr. N.T. Thermal Power Station, Vijayawada have been identified for Renovation and Modernization during 12th Five Year Plan, as informed by the Central Electricity Authority (CEA).

(b) As informed by Ministry of New and Renewable Energy, State-wise targets are not fixed for increasing power generation through renewable energy sources. However, a target of 29,800 MW comprising 15,000 MW from wind; 2100 MW from small hydro, 10,000 MW from solar, 2000 MW biomass power/cogeneration and 700 MW from urban and industrial waste to power has been proposed for the country as whole during the Twelfth Five Year Plan.

**Utilization of power generation capacity**

444. SHRI N.K. SINGH:

DR. JANARDHAN WAGHMARE:

Will the Minister of POWER be pleased to state:

- (a) whether only about 1,41,000 megawatts out of a power generation capacity of 1,78,000 megawatts is actually utilized;
- (b) whether most coal-fired power plants are operating at 60-70 per cent of their capacity;
- (c) if so, the reasons for the shortfall; and
- (d) if not, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL): (a) The utilization of installed capacity of a generating unit is linked to the type of power station. While the thermal units are meant to be utilized continuously as base-load units, hydro units are to be utilized depending on availability of water/reservoir level. Thus, utilization of installed capacity is

effectively applicable to thermal (including nuclear) generating units and is expressed in terms of Plant Load Factor (PLF). As on 2nd August, 2012, the monitored capacity was 1,80,361 MW and the available capacity was 1,39,307 MW. Plants of 10,314 MW were under shut down due to planned maintenance and 28,053 MW was under forced outages and capacity of 2,867 MW was out due to other reasons like less availability of water. Therefore, the actual capacity supplied is always less than the monitored capacity.

(b) to (d) The average PLF of coal based thermal power plants was 71.93 % during 2012-13 (April-July, 2012). While some plants operated above national average PLF, on the other hand some could not achieve the national average PLF. The reasons for low PLF of these plants are vintage of the units, the technological obsolescence, increased forced outages, inadequate fuel supply and transmission constraints in States.

#### **Foreign visits by CMD of NTPC**

445. SHRI JAI PRAKASH NARAYAN SINGH: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that in spite of austerity measures announced by Government, the CMD of NTPC was allowed to go abroad several times during the last 18 months;

(b) if so, the details thereof country wise and expenditure incurred thereon;

(c) whether CMD of NTPC had delivered a lecture in Brazil recently on 'Anti-Corruption Risk Assessment'; and

(d) if so, the reasons for propagating India's stand on corruption by a junior-level official without the permission of the Prime Minister?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL): (a) CMD, NTPC was allowed to go abroad in accordance with the guidelines issued by Ministry of Finance and Department of Public Enterprises from time to time and only after taking the approval of the Competent Authority.

(b) The details are given in Statement (*See below*).

(c) and (d) Yes, Sir. As reported by CMD, NTPC, he did not propagate India's stand on corruption. He attended the Rio+20 Corporate Sustainability Forum (organized by UN Global Compact) in his capacity as CMD, NTPC. The Forum was attended by Chief Executive Officers and other stakeholders. The Forum was