

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:4481
ANSWERED ON:19.05.2006
ELECTRICITY FROM SARDAR SAROVAR PROJECT
Gandhi Smt. Maneka

Will the Minister of POWER be pleased to state:

- (a) whether Madhya Pradesh has received an average on only 85 MW of power instead of 370 MW as claimed by the Chief Engineer of Narmada Valley Development Authority (NVDA);
- (b) if so, the details thereof;
- (c) whether the Government is aware that 3.4 crore units of electricity will be generated every day once the Sardar Sarovar Project (SSP) dam's height is increased to 121.9 meters;
- (d) if so, the details thereof; and
- (e) the action taken against those responsible for the shortfall in power generation?

Answer

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE)

(a) & (b) : The Sardar Sarovar Hydro-Electric Project (SSHEP) consists of 2 power houses namely Canal Head Power House (CHPH) (5 X 50 = 250 MW) and River Bed Power House (RBPH) (6 X 200 = 1200 MW) with total installed capacity of 1450 MW. The SSHEP is a joint project of the States of Madhya Pradesh, Maharashtra and Gujarat. It is being implemented by Sardar Sarovar Narmada Nigam Limited (SSNNL) and the energy generated at SSHEP is shared amongst the partner States of Madhya Pradesh, Maharashtra and Gujarat in the ratio of 57:27:16 respectively.

5 units of 50 MW each of CHPH have been commissioned progressively between August, 2004 and December, 2004. 5 units of 200 MW each of RBPH have been commissioned progressively between February, 2005 and March, 2006. 6th unit of 200 MW is likely to be commissioned by June, 2006.

The generation of power depends on installed capacity, water level in the reservoir and actual machine availability. As informed by Narmada Valley Development Authority (NVDA) of Government of Madhya Pradesh, according to the sharing formula, Madhya Pradesh will receive share of 370 MW when the 650 MW of installed capacity is fully operational. The 650 MW of generating capacity was achieved by 30.4.2005. As informed by SSNNL since the height of the main dam spillway was at Minimum Draw Down Level (MDDL) of 110.64 metres during the year 2005-06, the maximum generation of only 410 MW was possible from the 650 MW installed capacity. As informed by NVDA, due to prevailing conditions of regulated releases of water from Indira Sagar Project (ISP) during the year 2005-06, an average 129 MW of power has been supplied to Madhya Pradesh on daily basis from SSHEP.

(c) & (d) : It has been informed by Central Electricity Authority (CEA) and NVDA that when the height of the dam is raised to the full reservoir level (FRL) of 121.92 metres and the water level in the reservoir also reaches upto that level, it would be possible to generate 3.48 crore units per day when all the units operate at full load capacity (1450 MW).

(e) : Does not arise.