

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:1183
ANSWERED ON:17.07.2014
GENERATION OF POWER BY POWER PROJECTS
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Will the Minister of POWER be pleased to state:

- (a) whether the power projects in the country have failed to generate power as per their installed capacity including the Hydro Power Projects;
- (b) if so, the details thereof during the last three years and the current year and the reasons therefor; and
- (c) the corrective steps being taken by the Government in this regard?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, COAL AND NEW & RENEWABLE ENERGY (SHRI PYUSH GOYAL)

(a): The Plant Load Factor (PLF) is an index of Utilization of the installed capacity of coal / Lignite / gas based power generating stations. There has been a decline in the PLF for coal / lignite based thermal generating stations during last three years. However, during current year, it has shown improvement. There has been substantial decline in the PLF of gas based generating stations due to non-availability of adequate gas. Hydro power generation depends on the availability of water inflows and was not affected in the year 2013-14 due to good monsoon.

(b): Details of PLF for coal / lignite based and Gas based stations for last three years and the current year (upto June, 2014) are as under:

YEAR	% PLF (Coal/Lignite based Stations)	% PLF (Gas based Stations)
2011-12	73.32	59.94
2012-13	69.93	40.33
2013-14	65.55	24.85
2014-15 (up to June14)	68.52	23.75

Generation of hydro based stations for last three years and the current year (upto June, 2014) are as under:

YEAR	Generation in MU Hydro
2011-12	135794.03
2012-13	118514.79
2013-14	140445.44
2013-14 (up to June 14)	32865
2014-15 (up to June 14)	34726.91

Some of the major reasons for less generation, inter-alia, are:

- (i) Shortage of fuel.
- (ii) Reserve shut down/low schedule due to high cost and low demand.
- (iii) Vintage Units leading to un-economical operation.

(iv) Forced outages of the generation units.

(v) Transmission and distribution constraints.

(vi) Commercial issues faced by utilities.

(c): Following corrective steps are being taken by the Government in this regard:

(i) Coordinated operation and maintenance of hydro, thermal, nuclear and gas based power stations to optimally utilize the existing generation capacity.

(ii) Power utilities have been advised to use imported coal wherever necessary.

(iii) Multi-dimensional efforts are underway by Coal India Ltd. to enhance production of domestic coal even beyond current year's targets.

(iv) Ministry of Petroleum has been impressed upon to increase allocation of gas to gas based power stations.

(v) Renovation modernization and life extension of old and inefficient generation units.

(vi) Undertaking a massive programme for strengthening of inter-state and inter-regional transmission capacity for evacuation of power.

(vii) A new scheme has been announced in this year's Budget for strengthening of sub-transmission and distribution networks and for segregation of agricultural feeders.

(viii) Regular reviews are held at various levels to identify the constraint areas and facilitate faster resolution of inter-ministerial and other outstanding issues.