Working Efficiency of Thermal and Hydro-Power Projects

*50. SHRI VITHALRAO MADHAV RAO JADHAV:
SHRI RAM CHANDRA VIKAL:

Will the Minister of ENERGY be pleased to state:

(a) what is the total average working efficiency of the various thermal and hydro-power projects in the country;

(b) what is the average capacity of functioning of power projects in Maharashtra State;

(c) which are the low efficiency power projects in the country as a whole and in Maharashtra in particular; and

(d) what steps Government intend to take to increase the efficiency of power projects?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER AND MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRIMATI SUSHILA ROHTAGI): (a) The all India Plant Load Factor of thermal stations during the period April to June, 1986 was 55.1%. Plant Load Factor is not a proper parameter to assess the efficiency of hydel stations since their generation mainly depends upon the reservoir levels.

(b) The PLF of thermal stations in Maharashtra during the above period was 59.3%.

(c) The thermal stations which had the lowest PLF in the country during the above period are Panipat, Bhatinda, Harduaganj, Raichur, Patratu, Santaldih, Durgapur Projects Limited and Bongiagaon. In Maharashtra the Parli thermal station had the lowest PLF.

(d) The measures taken to improve the performance of thermal stations include implementation of the Centrally sponsored renovation and modernisation scheme, improvement in the quality of coal, upgradation of the skills of operation and maintenance staff, early stabilisation of newly commissioned units, and reduction in the outage periods of thermal units.

Gas-based power projects

*51. SHRI RAM NARESH KUSHAWAHA:
SHRI SATYA PRAKASH MALAVIYA:

Will the Minister of ENERGY be pleased to state:

(a) whether it is a fact that implementation of the gas-based power projects intended to meet the growing power shortage in the country has been considerably delayed;

(b) if so, what are the reasons therefor, stating the period by which each project has been delayed and the estimated cost escalation as a result thereof; and

(c) what steps have been taken by Government for expeditious completion of the gas-based power projects?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER AND THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRIMATI SUSHILA ROHTAGI): (a) to (c) Action to implement large gas based power projects in the Central sector to meet the power shortage has already been