

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

STARRED QUESTION NO:402

ANSWERED ON:07.09.2012

THERMAL POWER STATIONS

Bais Shri Ramesh;Pandurang Shri Munde Gopinathrao

Will the Minister of POWER be pleased to state:

(a) whether the Government has identified thermal power plants/stations for bringing in energy efficiency and reduction in fuel consumption under the Perform, Achieve and Trade (PAT) Scheme of the Bureau of Energy Efficiency (BEE);

(b) if so, the details thereof along with the likely savings in terms of fuel as well as money every year;

(c) the targets assigned for the purpose; and

(d) the other steps taken by the Government to improve Demand Supply Management and also to design and operate the power plants as per energy efficient norms across the country?

Answer

THE MINISTER OF POWER(DR.M.VEERAPPA MOLY)

(a) to (d) :A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 402 TO BE ANSWERED IN THE LOK SABHA ON 07.09.2012 REGARDING THERMAL POWER STATIONS.

(a) to (c) : Yes, Madam. The Government has identified 144 nos. of thermal power plants/stations for bringing in energy efficiency and reduction in fuel consumption under Perform, Achieve and Trade (PAT) Scheme of the Ministry of Power (MoP). The energy savings of 3.211 million ton of oil equivalent is targeted to be achieved by 144 thermal power plants in the year 2014-15. The fuel savings in equivalent monetary term would be about Rs.3260 crore.

(d) : To improve Demand Supply Management and to enhance the efforts to promote energy efficiency during the XI Plan period several programmes/schemes have been initiated by the Government. These are in the areas of buildings, industries, appliances, agriculture, municipalities and Small and Medium Enterprises (SMEs). Further, advanced planning of generation projects for the 12th Five Year Plan and perspective planning for the 13th Plan and rigorous monitoring of projects under implementations, have been undertaken to improve the Demand Supply Management.

Several steps have been initiated to design and operate the power plants as per energy efficiency norms across the country. These include renovation & modernization of old thermal power stations, mapping studies of 85 thermal power generating units in the country under Indo-German Energy Programme (IGEN), and notification of CEA Technical Standards for Construction of Electric Plants and Electric Lines Regulations-2010 which lay down the requisite efficiency criteria to be complied by the stations coming up in the country.