

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:3860
ANSWERED ON:16.12.2011
CAPTIVE POWER PLANTS
Thakor Shri Jagdish

Will the Minister of POWER be pleased to state:

- (a) whether power is not being generated at optimum level in captive power plants in the country;
- (b) if so, the details of the power generation capacity of these plants along with their actual power generation during the last three years and the current year; and
- (c) the additional power that could be generated by utilizing the power generation capacity of these plants optimally?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL)

(a) & (b): The captive power plants (CPPs) generate power as per the requirements of the industry representing producers of aluminum, cement, chemical, fertilizers, iron & steel, paper and sugar, etc. As per information available with the Central Electricity Authority (CEA), overall utilization of CPPs is in the range of 39-42%. Following is the power generation capacity and actual power generation by the CPPs during the past three years:-

Year Installed Capacity (MW) Generation (Gwh)

2007-08 24986.39 90476.69

2008-09 26673.67 99721.16

2009-10 31516.87 106133.10

Gwh = Giga Watt Hour

(c): CPPs generate power depending on the requirement of the industry for which they are primarily obligated to supply. As per Rule 3 of Electricity Rules 2005 the captive power plants can supply power upto 49% of the aggregate electricity generated to the grid. Thus the generation from CPPs depends on the requirement of the industry as well as feasibility of sale to other utilities and availability of open access. The effective utilization of surplus capacity of CPPs also depends on open access charges specified by the appropriate Commissions and facilitation by the concerned State Governments/Agencies for sale. Ministry of Power is regularly pursuing the issue of promotion of open access with the States at various forums like Power Ministers` Conference, with the Chief Secretaries and Power Secretaries since 2007.