

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:1724
ANSWERED ON:06.03.2000
PLANT LOAD FACTOR OF POWER PROJECTS BY NTPC
ADHIR RANJAN CHOWDHURY

Will the Minister of POWER be pleased to state:

- (a) the plant load factor of power projects functioning under National Thermal Power Corporation during the last three years, till-date;
- (b) whether any improvement has been made in the efficiency of such plants during the said period;
- (c) if so, the details thereof; and
- (d) if not, the reasons therefor indicating the average cost of energy per unit of National Thermal Power Corporation, plant-wise?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRIMATI JAYAWANTI MEHTA)

(a) to (d) : National Thermal Power Corporation (NTPC) coal based power stations have been performing at a high average Plant Load Factor of more than 75% during the last three years, which is well above the national average, as can be seen from the following:-

Year	NTPC PLF (%)	All India PLF (%)
1998-99	76.6	64.6
1997-98	75.2	64.7
1996-97	77.0	64.4

All the NTPC power stations are generating at high level of efficiency except in case of Eastern Region stations where low generation schedule is given by Regional Electricity Boards/Load Despatch Centre due to low regional demand. To improve the generation, export of NTPC power to the deficit neighbouring regions, with the availability of inter-regional transmission links, has been increased to the present level of about 1000 MW. Efforts are on to further increase the export. The gas stations are run as per gas availability.

Details of PLF and Plant-wise average cost of energy sent out per unit for NTPC plants in Eastern Region is given at Annexure.

ANNEXURE

PLF/AVERAGE COT OF ENERGY OF NTPC STATIONS IN THE EASTERN REGION

Station	1999- Jan`2000 (%)	1998-99 (%)	1997-98 (%)	1996-97 (%)	Average cost of energy sent out P/kwh 1998-99
Eastern Region					
Farakka STPS		45.70	39.10	43.10	46.10 284.23

(1600 MW), West
Bengal

Kahalgaon STPS	55.90	54.20	46.50	48.20	206.42
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(840 MW), Bihar

Talcher STPS	58.40	52.40	49.70	37.10	198.12
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(Kaniha) (1000MW),
Orissa

Talcher TPS (460 MW) Orissa	58.70	55.80	52.00	38.40	133.97
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Abbreviation:

STPS : Super Thermal Power Project
PLF : Plant Load Factor.