

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:705
ANSWERED ON:27.07.2000
POWER GENERATION BY NTPC
NAWAL KISHORE RAI;ZORA SINGH MANN

Will the Minister of POWER be pleased to state:

- (a) whether installed capacity of several power generation plants of the National Thermal Power Corporation is not being utilised fully;
- (b) if so, the reasons therefor;
- (c) the names of projects and the percentage of the installed capacity utilised and power generated by them during the last three years;
- (d) whether these projects have suffered financial losses due to under utilization of installed capacity; and
- (e) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) & (b): All NTPC stations have been generating as per grid requirement and utilising the capacity to the maximum possible extent. However, in Eastern Region, NTPC installed capacity is under-utilised due to low demand and consequently low generation schedule given by EREB. Inadequate transmission, sub transmission and distribution system further result in poor off take of power in the region. Gas stations are being run as per the fuel availability and grid demand.

(c): The details are given in Annexure.

(d) & (e): As per provisions of the existing tariff notifications, fixed charges are fully recovered on attaining a PLF of 62.78% (including deemed generation) in case of thermal and gas stations except Talcher TPS, where the tariff is governed by provisions of the Power Purchase Agreement. During the year

1997-98, 1998-99 & 1999-2000 NTPC has recovered full fixed charges except in case of the following:

(i) Kahalgaon STPS - 840 MW - Bihar : During 1997-98, the under recovery of fixed charges during the year works out to Rs.19.85 crores.

(ii) Jhanor-Gandhar GBPP- 648 MW-Gujarat: During 1998-99, the under recovery of fixed charges was to the extent of Rs.92.90 crores and during 1999-2000, such under recovery was Rs.96.83 crores (provisional). This was because of low generation mainly due to the short supply of gas.

(iii) Talcher Thermal Power Station -460 MW- Orissa: During 1999-2000, there was under recovery of fixed charges of Rs.6.29 crores (provisional), due to lesser capacity utilization than normative level provided in the Power Purchase Agreement because of renovation and modernization undertaken for all the units.

ANNEXURE

STATEMENT REFERRED TO IN REPLY TO PART (c) OF LOK SABHA UNSTARRED QUESTION NO. 705 TO BE ANSWERED ON 27.7.2000 REGARDING POWER GENERATION BY NTPC

PERFORMANCE OF NTPC STATIONS

Stations	Installed	1999-2000	1998-99	1997-98
Capacity	Gen	Cap.uti.	Gen	Cap.uti.
(MW)	(MU)	(%)	(MU)	(%)

COAL Stations

Singrauli 2000	16455.6	93.7	15797.8	90.2	14870.8	84.9
Rihand 1000	7607.1	86.6	6817.7	77.8	7544.9	86.1
Unchahar 840	3624.9	85.9	3023.1	82.2	2946.0	80.1
Dadri 840	7092.3	96.1	6727.5	91.4	6412.7	87.2
Korba 2100	15776.8	85.5	16046.6	87.2	15690.6	85.3
Vindhyachal 2260	9894.6	88.4	9934.2	90.0	8749.6	79.3
Ramagundam 2100	16642.2	90.2	15859.2	86.2	16397.8	89.1
Farakka 1600	6791.7	48.3	5475.6	39.1	6038.4	43.1
Kahalgaon 840	4281.0	58.0	3988.7	54.2	3424.7	46.5
Talcher 1000	5320.1	60.6	4592.5	52.4	4124.1	49.7
Talcher (old)	460	2323.3	57.5	2248.5	55.8	2096.2 52.0

GAS Stations

Anta 413	3179.7	86.3	2931.1	79.8	2855.4	77.7
Auraiya 652	5077.9	87.1	4146.2	71.4	3847.2	66.2
Dadri 817	5116.2	70.2	5099.2	70.2	4518.3	62.2
Faridabad+ 286	1066.4	79.2	N.A	-	N.A.	-
Kawas 645	4776.9	82.9	4411.9	76.8	4131.3	71.9
Jhanor-Gandhar 648	2281.7	39.5	2162.2	37.5	2641.9	45.9
Kayamkulam++ 350	1247.1	55.8	243.3	71.5	N.A.	-

+ Gas Turbine units commissioned during 1999-2000

++ Units commissioned during 1998-99 & 1999-2000

GEN = Generation
 Cap.Uti. = Capacity utilization
 N.A. = Not Applicable