

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

UNSTARRED QUESTION NO:1648  
ANSWERED ON:31.07.2003  
POWER GENERATIONAL STATIONS IN ANDHRA PRADESH  
A.P. JITHENDER REDDY

**Will the Minister of POWER be pleased to state:**

- (a) the number of power generating stations in the State of Andhra Pradesh;
- (b) the quantum of power being generated by each plant;
- (c) the demand of power in the State and whether the Government is able to meet the demand of power;
- (d) if not, the steps taken to meet the power demand and reduce the power losses;
- (e) whether the Union Government offered assistance to the State in augmenting the power generation; and
- (f) if so, the details thereof?

**Answer**

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

- (a) : There are 29 power generating stations operating (including NTPC) in the State of Andhra Pradesh.
- (b) : The quantum of electricity generation by each power plant during April-June, 2003 is given in Annexure.
- (c) : During the period April-June, 2003 the power supply position in Andhra Pradesh is as under:

Energy (MU)    April-June 03`    Peak (MW)    April-June 03`

Requirement	10830	Peak Demand	6778
Availability	10370	Peak Met	6280
Shortage	460	Deficit	498
%	4.2	%	7.3

(d) to (f) : Supply and distribution of electricity in a State is the responsibility of the State Government/State Power Utility concerned. However, electricity being a concurrent subject, the Central Government supplements the efforts of State Government by setting up power plants in the Central Sector and provide allocation in order to augment availability of power in States. The following steps have been taken by the Central Government to augment the availability of power in the State of Andhra Pradesh:-

- (i) Allocation of 1006 MW (including unallocated quota) from Central Generating Stations (CGS) in Southern Region (SR).
- (ii) Allocation of 60 MW from NTPC stations in Eastern Region (ER).
- (iii) NTPC has set-up and commissioned 1000 MW power plant at Simhadri (AP) which is fully dedicated to Andhra Pradesh.
- (iv) NTPC is setting up 2x500 MW power plant at Talcher (Orissa) in ER which is fully dedicated to SR of which one 500 MW unit has already been commissioned. Andhra Pradesh has a share of 21.2% in the power plant.
- (v) POWERGRID has implemented 500 MW Jeypore-Gazuwakaback to back HVDC station and 2000 MW Talcher-Kolar HVDC bipole which has facilitated transfer of power from ER to SR.
- (vi) Besides capacity addition of 3055 MW planned in the State/Private Sectors generation capacity of 4140 MW (including Talcher Stage-I(2000 MW) in ER) is proposed to be implemented in the Central Sector during 10th Plan period in which the State will have its entitlements.
- (vii) Renovation, Modernization and Life Extension (RM &LE) of old and inefficient generating units for improving generation

performance.

(viii) Government of India have approved the Accelerated Power Development Reforms Programme (APDRP) which is intended for upgradation of sub-transmission and distribution (ST&D) in densely electrified zones in the urban and industrial areas and improvement in commercial viability of State Electricity Boards by reducing the aggregate technical and commercial (AT&C) losses. During the year 2002-03, the Central Government has sanctioned 101 ST&D projects amounting to Rs.1511.40 crores for upgradation in the State of Andhra Pradesh.

## ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO.1648 TO BE ANSWERED IN THE LO SABHA ON 31.07.2003.

### Details of Power Generating Stations in Andhra Pradesh and actual generation during April 03`-June 03`

Sl. No.	Type of Generation	Monitored Capacity (MW)	April 03`-June 03` Electricity
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ANDHRA PRADESH

STATE SECTOR

1.	KOTHA GUDEM	1170.0	2194
2.	VIJAYAWADA	1260.0	2517
3.	RAMA GUNDEM-B	62.5	119
4.	NELLORE	30.0	23
5.	RAYAL SEEMA	420.0	850
	APGEN THERMAL	2942.5	5703
6.	VIJESWARAN GT	272.3	537
	APGPC G.T.	272.3	537
7.	MACHKUND	114.7	13
8.	UPPER SILERU	240.0	3
9.	LOWER SILERU	460.0	63
10.	T.B. DAM	36.0	1
11.	HAMPI	36.0	0
12.	NAGARJUNA SAGAR	810.0	44
13.	N` SAGAR RBC	90.0	0
14.	N` SAGAR LBC	60.0	0
15.	DONKARAYI	25.0	2
16.	SRISAILAM	770.0	1
17.	SRISAILAM LB	750.0	12
18.	POCHAMPAD	27.0	0
19.	NIZAM SAGAR	10.0	0
20.	PENNA AHOBELAM	20.0	0
21.	SINGUR	15.0	0
22.	SMALL HYDRO	30.0	1
	A.P.G.E.N. HYDRO	3493.7	140

PRIVATE SECTOR

23. PEDDAPURAM CCGT	220.0	238
BSES (P) THERMAL	220.0	238
24 JEGURUPADU GT	235.4	375
GVKG THERMAL	235.4	375
25. KONDAPALLI	350.0	568
KONDA THERMAL	350.0	568
26. LVS POWER	36.8	0
LVS THERMAL	36.8	0
27 GODAVARI GT	208.0	224
SPECT THERMAL	208.0	224

CENTRAL SECTOR

28. RAMA GUNDEM STPS	2100.0	4153
29. SIMHADRI	1000.0	1906