

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
STARRED QUESTION NO.168
TO BE ANSWERED ON 28.07.2016**

NON-FUNCTIONAL POWER PLANTS

†*168. SHRI UDAY PRATAP SINGH:

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

- (a) whether the Government has made any assessment of closed/non-functional/ derated power plants in the country;**
- (b) if so, the details of such power plants and the loss suffered in electricity generation during the last three years and the current year, State/UT-wise;**
- (c) whether the Government proposes to formulate any scheme for revival of these power plants; and**
- (d) if so, the details thereof?**

A N S W E R

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES**

(SHRI PIYUSH GOYAL)

(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.168 TO BE ANSWERED IN THE LOK SABHA ON 28.07.2016 REGARDING NON-FUNCTIONAL POWER PLANTS.

(a) & (b) : Based on the information received from Central Electricity Authority (CEA), lists of the closed / non-functional Coal based Power Plants, Stranded Gas based power plants and derated plants are enclosed at Annexure-I, II & III respectively.

Generation of electricity depends upon the electricity demand. Loss of Generation due to closing of one power plant is met by increasing generation from other power plants. It is not possible to exactly assess the electricity generation loss, if any, due to closure of a plant. At present, there is no shortage of electricity generation in the system despite some of the power plants being non-functional/closed/derated as the Country has adequate generation capacity available.

(c) & (d) : Following steps have been taken for revival of these power plants including the steps to improve demand of power in the country:

- (i) To revive and improve utilization of the stranded gas based power generation capacity in the country, Government of India has sanctioned a scheme for utilization of gas based power generation capacity for the years 2015-16 and 2016-17. The scheme envisages supply of imported spot RLNG to the stranded gas based plants as well as plants receiving domestic gas, selected through a reverse e-bidding process. The scheme envisages sacrifices to be made collectively by all stakeholders and support from PSDF (Power System Development Fund). The outlay for the support from PSDF has been fixed at Rs. 7500 crores (Rs. 3500 crores and Rs. 4000 crores for the year 2015-16 and 2016-17 respectively).**
- (ii) Improvement in the domestic coal supply to power plants. The growth of domestic coal supply to power plants has been around 6.2% during 2015-16. As on 24.07.2016, the coal stock in the power plants is 31.3 Million Tonne (MT), which is sufficient for 23 days of operation of power plants on average against the normative stock of 21 days. At present, there is no power station with critical coal stock.**
- (iii) The Government has ensured re-allocation of 47 blocks to power sector, supporting a capacity of about 50,000 MW through auction / allotment till date under the Coal Mines (Special Provisions) Act, 2015.**

- (iv) The Government has started separate e-auction window for power sector under which CIL is making arrangements for conduct of forward e-auction of coal exclusively for power sector on a sustained basis, offering adequate quantities at regular intervals so that coal is made available to power plants on regular basis.**
- (v) The Government on 08.02.2016 has notified policy guidelines for grant of Bridge Linkage to specified end use plants of Central and State Public Sector Undertakings (both in power as well as non-power sector) which have been allotted coal mines or blocks. Bridge linkages applications for public sector power projects in prescribed formats have been approved.**
- (vi) The Government has approved the flexibility in utilization of domestic coal for reducing the cost of power generation.**
- (vii) To address the issue of shortage of water, Government of India has notified new Tariff policy on 28.01.2016 wherein it is mandated that the thermal power plant(s) including the existing plants located within 50 km radius of sewage treatment plant of Municipality/ local bodies/ similar organization shall in the order of their closeness to sewage treatment plant, mandatorily use treated sewage water produced by these bodies and the associated cost on this account be allowed as pass through in tariff.**
- (viii) Government has planned construction of 107440 ckm transmission lines and setting of 2,82,740 MVA transformation capacity during the 12th Plan i.e. by 2016-17. As against, this 89,813 ckm of transmission lines and 2,66,033 MVA of transformation capacity have been achieved till 30th June, 2016.**
- (ix) Government of India has taken an initiative to prepare State specific Action Plan for providing 24x7 power for all in partnership with the States.**
- (x) Two new schemes are being implemented by the Government of India, namely, Deendayal Upadhyaya Gram Jyoti Yojana (DDUGJY) and Integrated Power Development Scheme (IPDS) for strengthening of sub-transmission and distribution networks and for segregation of agricultural feeders to give adequate and reliable supply and reduce line losses.**
- (xi) Central Government has notified a new scheme namely Ujwal Discom Assurance Yojana (UDAY) on 20.11.2015 for Operational & Financial turnaround of Discoms.**

ANNEXURE REFERRED TO IN PARTS (a) & (b) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 168 TO BE ANSWERED IN THE LOK SABHA ON 28.07.2016 REGARDING NON-FUNCTIONAL POWER PLANTS.

Coal based power plants closed/non-functional during the year 2013-14

Name of Utility	NAME OF THE STATION	Capacity as on 31.03.2016
SVPPL	SVPL TPP	63
VESPL	KATGHORA TPP	35
BSEB	BARAUNI TPS	210
KWPCL	AVANTHA BHANDAR	600
AMNEPL	MIHAN TPS	246
GEPL	GEPL TPP Ph-I	120
Rattan India	NASIK (P) TPS	270
IEPL	BELA TPS	270

Coal based power plants closed/non-functional during the year 2014-15

Name of Utility	NAME OF THE STATION	Capacity as on 31.03.2016
CSPGCL	MARWA TPS	500
KWPCL	AVANTHA BHANDAR	600
SVPPL	SVPL TPP	63
VESPL	KATGHORA TPP	35
AMNEPL	MIHAN TPS	246
GEPL	GEPL TPP Ph-I	120
Rattan India	NASIK (P) TPS	270
IEPL	BELA TPS	270
BSEB	BARAUNI TPS	210

Coal based power plants closed/non-functional during the year 2015-16

Name of Utility	NAME OF THE STATION	Capacity as on 30.06.2016 (MW)
SVPPL	SVPL TPP	63
VESPL	KATGHORA TPP	35
VVL	SALORA TPP	135
ACB	SWASTIK KORBA TPP	25
IPGPCL	RAJGHAT TPS	135
IEPL	BELA TPS	270
GEPL	GEPL TPP Ph-I	120
AMNEPL	MIHAN TPS	246
Rattan India	NASIK (P) TPS	270
MAHAGENCO	PARLI TPS	1380

Coal based power plants closed/non-functional during the year 2016-17 (upto June, 2016)

Name of Utility	NAME OF THE STATION	Capacity as on 30.06.2016 (MW)
BRBCL	NABI NAGAR TPP	250
BSEB	BARAUNI TPS	210
VESPL	KATGHORA TPP	35
VVL	SALORA TPP	135
ACB	SWASTIK KORBA TPP	25
IPGPCL	RAJGHAT TPS	135
TOR POWER	SABARMATI C STN	60
IEPL	BELA TPS	270
GEPL	GEPL TPP Ph-I	120
AMNEPL	MIHAN TPS	246
Rattan India	NASIK (P) TPS	270
MAHAGENCO	PARLI TPS	1380

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List of Stranded Gas Based capacity due to shortage of Gas

S. No	Name Of Power Station	Installed Capacity (MW)	Name of the State
Central Sector			
1	Ratnagiri (RGPPL-Dhabhol)	1967	Maharashtra
	Total (CS)	1967	
State Sector			
2	Pragati CCGT- III	750	Delhi
3	Dhuvaran CCPP(GSECL)	112	Gujarat
4	Utran CCPP (GSECL)	374	Gujarat
5	Pipavav CCPP	702	Gujarat
6	Dhuvaran CCPP (GSECL)	376.3	Gujarat
7	Hazira CCPP Ext	351	Gujarat
	Total (SS)	2665.3	
	Total(Public)	4632.3	
Private Sector			
1	Vatwa CCPP (Torrent)	100	Gujarat
2	Rithala CCPP (NDPL)	108	Delhi
3	Essar CCPP **	300	Gujarat
4	Unosugen CCPP	382.5	Gujarat
5	Dgen Mega CCPP	1200	Gujarat
6	Gautami CCPP	464	Andhra Pradesh
7	Gmr - Kakinada (Tanirvavi)	220	Andhra Pradesh
8	Jegurupadu CCPP (GVK)	220.5	Andhra Pradesh
9	Konaseema CCPP	445	Andhra Pradesh
10	Kondapalli Extn CCPP .	366	Andhra Pradesh
11	Vemagiri CCPP	370	Andhra Pradesh
12	Sriba Industries	30	Andhra Pradesh
13	RVK Energy	28	Andhra Pradesh
14	Silk Road Sugar	35	Andhra Pradesh
15	LVS Power	55	Andhra Pradesh
16	GMR Vemagiri Exp	768	Andhra Pradesh
17	Kondapalli Exp St-III	742	Andhra Pradesh
18	Samalkot Exp	2400	Andhra Pradesh
19	CCGT By Panduranga	116	Andhra Pradesh
20	Gas Engine By Astha	35	Telangana
21	Kashipur Sravanthi St-I&II	450	Uttarakhand
22	Beta Infratech CCGT	225	Uttarakhand
23	Gama Infraprop CCGT	225	Uttarakhand
24	CCGT By Pioneer Gas Power Ltd	388	Maharashtra
	Total (Pvt)	9673	
Total		14305.3	

** Note that out of total 515 MW capacity, 300 MW electricity is being supplied to grid & balance 215 MW is used as captive generation.

ANNEXURE-III

ANNEXURE REFERRED TO IN PARTS (a) & (b) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 168 TO BE ANSWERED IN THE LOK SABHA ON 28.07.2016 REGARDING NON-FUNCTIONAL POWER PLANTS.

Units Derated During Last Three Year and Current Year (As on 30th June, 2016)

Sl. No.	Name of Station/Plant	State	Unit No	Prev. Installed Capacity (MW)	Installed Capacity (MW)	Letter Issued on
1	Talcher Thermal Power Station Old	Odisha	1	62.50	60.00	January.2014
2	Talcher Thermal Power Station Old	Odisha	2	62.50	60.00	January.2014
3	Talcher Thermal Power Station Old	Odisha	3	62.50	60.00	January.2014
4	Talcher Thermal Power Station Old	Odisha	4	62.50	60.00	January.2014
5	Baira Siul Hydro Power Station	Himachal Pradesh	1	66.00	60.00	January.2014
6	Baira Siul Hydro Power Station	Himachal Pradesh	2	66.00	60.00	January.2014
7	Baira Siul Hydro Power Station	Himachal Pradesh	3	66.00	60.00	January.2014
