

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.1651
TO BE ANSWERED ON 20.12.2018**

OLD POWER PLANTS

1651. SHRI R. DHRUVA NARAYANA:

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

- (a) whether the Government proposes to scrap those thermal power plants which are more than 25 years old and emit more gases which are dangerous to the environment;**
- (b) if so, the details of the thermal power plants to be scrapped, State-wise;**
- (c) whether the Government has taken any effective steps to check the crises of power problem in case these thermal power plants are scrapped in the country; and**
- (d) if so, the details thereof?**

A N S W E R

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

(SHRI R. K. SINGH)

(a) to (d) : The emission of gases from Thermal Power Plants depend on its operation & maintenance, condition, technical parameters, quality of fuel etc rather than the age of the plant. In order to conserve scarce natural resources like land, water and coal, Central Electricity Authority, in consultation with various Power Utilities, have identified coal based plants of 10827.5 MW in Govt. Sector which are more than 25 years old, for retirement in a phased manner on the basis of their inefficiency and un-economic operation. Out of above capacity, 7730 MW have been retired so far. The State-wise details of various units retired / identified for retirement are given in the Annexure.

Furthermore, Ministry of Environment, Forest & Climate Change (MoEF&CC) has notified new stringent environmental norms on 7th December, 2015 and 28th June, 2018 for thermal power plants for Particulate Matters (PM), SO₂, NO_x and Hg and water consumption.

Decision to retire units are taken by respective power utility after due consultation with various stake holders such as DISCOMS, Transmission utilities etc. keeping in view grid stability, alternative source of power among other aspects. There is no shortage of generating capacity in the country.

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 1651 TO BE ANSWERED IN THE LOK SABHA ON 20.12.2018.

Coal based Thermal Units deleted from National Installed Capacity out of identified old & inefficient units for retirement since March'16 to October'18]

Sl. No.	Name of the Utility	Name of the Station	Unit No.	Capacity (MW)	Date since when the unit is not in operation	Date of deletion from National Installed Capacity
1	MPPGCL	Amarkantak TPS (2x120 MW)	3 & 4	240	13.01.2015	04.03.2016
2	HPGCL	Panipat TPS(4x110 MW)	1 to 4	440	09.12.2015	12.04.2016
3	MSPGCL	Koradi TPS(4x105 MW)	1 to 4	420	07.01.2011	02.08.2016
		Koradi TPS (200 MW)	5	200	02.03.2017	24.04.2017
4	MSPGCL	Chandrapur TPS (2X210 MW)	1 & 2	420	20.02.2016	21.10.2016
5	MSPGCL	Parli TPS	3	210	03.05.2016	21.10.2016
6	MSPGCL	Bhusawal TPS	2	210	01.04.2017	31.08.2017
7	DVC	Durgapur TPS	3	140	10.03.2016	21.10.2016
8	DVC	Chandrapur TPS	1	130	06.01.2017	17.01.2017
		Chandrapur TPS	2	130	30.07.2017	04.09.2017
9	WBPDC	Santaldih TPS (4x120MW)	1 to 4	480	01.04.2010	21.12.2016
10	PVUNL	Patratu TPS	1,2,3,5,8	360	29.07.2016	21.12.2016
			4,6,7,9,10	455	30.10.2017	23.11.2017
11	TANGEDCO	Ennore TPS (2x60 + 2x110 MW)	1	340	Dec., 2015	31.03.2017
			2		April, 2016	
			3 & 4		Dec., 2016	
		Ennore TPS	5	110	06.03.2012	12.01.2017
12	GSECL	Gandhinagar TPS (2x120 MW)	1 & 2	240	03.09.2016	12.01.2017
13	GSECL	Sikka TPS (2 x 120 MW)	1 & 2	240	01.04.2017	18.08.2017
14	GSECL	Ukai TPS (2 x 120 MW)	1 & 2	240	01.04.2017	18.08.2017
15	UPRVUNL	Harduaganj	5	60	12.01.2017	18.08.2017
16	UPRVUNL	Obra TPS (2X50 MW)	1	50	Sept., 2016	18.08.2017
			2	50	July, 2017	
			8	94	Aug., 2009	
17	UPRVUNL	Panki TPS (2 x 210 MW)	3 & 4	210	Oct., 2017	16.03.2018
18	DPL	DPL TPS (70 + 2x75 MW)	3,4 & 5	220	01.04.2014	20.02.2017
19	APGCL	Chandrapur TPS (2x30 MW)	1 & 2	60	Before 2008	18.08.2017
20	PSPCL	GND TPS (Bathinda) (2 x 110 MW)	1 & 2	220	01.01.2018	31.08.2018
21	PSPCL	GGs STPS (Ropar) (2 x 210 MW)	1 & 2	420	01.01.2018	31.08.2018
22	NTPC	Badarpur TPS (3x95 MW)	1 to 3	285	15.10.2018	30.10.2018
23	DVC	Bokaro TPS (2 x 210)	1 & 2	420	30.07.2017	04.09.2017
24	NTPC	Badarpur TPS (2x210 MW)	4 & 5	420	15.10.2018	30.10.2018
PRIVATE SECTOR						
25	CESC	New Cossipore TPS (2x30+2x50 MW)	1 to 4	160	-	-
26	India Power Corp. Ltd. (West Bengal)	Chinakuri TPS (3x10 MW)	1,2,3	30	-	-
27		Dishergarh TPS (1x3 + 3x5 MW)	1,2,3,4	18	-	-
28		Seebpore TPS (1.5 + 1.88 + 2 + 3 MW)	1,2,3,4	8.38	-	-
Total :				7730		

**Old & Inefficient Coal based Units in Govt. Sector
which could be retired in F.Y.2018-19 / 2019-20**

Sl. No.	Name of the Utility	Name of the Station	Unit No.	Capacity (MW)	Remarks
1	IPGCL	Rajghat TPS (2 x 67.5 MW)	1 & 2	135	Closure Report submitted by M/s IPGCL to Govt. of NCT of Delhi. Decision by Govt. of NCT of Delhi pending.
2	MPPGCL	Satpura TPS (200 + 210 MW)	6 & 7	410	Retirement proposed in 2019-20. Replacement proposed.
3	MPPGCL	Satpura TPS (2 X 210 MW)	8 & 9	420	
4	PSPCL	Ropar TPS (2 X 210 MW)	3 & 4	420	Utility is exploring possibility to set up 3x800 MW super-critical Unit as replacement.
5	CSPGCL	Korba East TPS (4 x 50 MW)	1,2,3 & 4	200	Units are proposed to be decommissioned in 2018-19.
6	NLC	Nevyeli Lignite TPS-I (6 x 50 + 3 x 100 MW)	1 to 9	600	Units will be retired after commissioning of first unit of 2x500 MW TPS. (2019-20)
7	TSPGCL	Kothadudem TPS (4 x 60 + 4 x 120 MW)	1 to 8	720	Utility wants to run the plant till 2019-20.
8	TSPGCL	Ramagundem-B TPS	1	62.5	
9	DVC	Chandrapur TPS	3	130	To be retired after augmentation of Transmission scheme. Proposed to be retired in 2019-20.
			Total	3097.5	
