

## **Details of Retirement of more than 25 years old Coal based Thermal Power Plants (as on 31.03.2018)**

In order to conserve scarce natural resources like land, water and coal, on the advice of Ministry of Power, CEA in September 2015 explored the possibility of retiring /replacing the old & inefficient thermal power units by installing new supercritical units and in consultation with various Power Utilities identified coal based thermal power units of about 6,000 MW capacity in Govt. Sector, which were more than 25 years old (as on 31.03.2015) and could be retired in a phased manner / replaced by new super-critical units.

The status of old & inefficient thermal power units was further reviewed in July 2016 CEA in consultation with various Power Utilities and coal based thermal power plants of about 10,000 MW capacity in Govt. Sector, which were more than 25 years old (as on 31.03.2016) and could be retired / replaced by new super-critical units on the basis of un-economic operation.

Out of the identified old & inefficient thermal power units, coal based units in Govt. sector of total capacity of 6075 MW have been retired and deleted from National Installed Capacity by CEA since Sept.'2015 to March'2018. The details of these units are given at Table 'A'.

Further, details of Coal based Thermal Power Units in Govt. Sector, which could be retired in the F.Y.18-19 are given below in Table 'B'.

In addition, 797.32 MW of private sector/ Gas based/ DG Set units have also been retired since Sept.'2015 to March' 2018. The details of these units are given at Table 'C'.

**Table 'A' : Coal based Thermal Units Retired [Since Sept.'15 to March'18]**

<b>S.No.</b>	<b>Name of the Utility</b>	<b>Name of the Station</b>	<b>Unit No.</b>	<b>Capacity (MW)</b>
1	MPPGCL	Amarkantak TPS (2x120 MW)	3 & 4	240
2	HPGCL	Panipat TPS (4x110 MW)	1 to 4	440
3	MSPGCL	Koradi TPS (4x105 + 200 MW)	1 to 5	620
4	MSPGCL	Chandrapur TPS (2X210 MW)	1 & 2	420
5	MSPGCL	Parli TPS	3	210
6	MSPGCL	Bhusawal TPS	2	210
7	DVC	Durgapur TPS	3	140
8	DVC	Chandrapur TPS (2 x 130 MW)	1 & 2	260
9	DVC	Bokaro TPS (2 x 210)	1 & 2	420
10	WBPDC	Santaldih TPS (4x120 MW)	1 to 4	480
11	PVUNL	Patratu TPS	1 to 10	815
12	TANGEDCO	Ennore TPS (2x60 + 3x110 MW)	1 to 5	450
13	GSECL	Gandhinagar TPS (2x120 MW)	1 & 2	240
14	GSECL	Sikka TPS (2 x 120 MW)	1 & 2	240
15	GSECL	Ukai TPS (2 x 120 MW)	1 & 2	240
16	UPRVUNL	Harduaganj	5	60
17	UPRVUNL	Obra TPS (2X50 MW)	1 & 2	100
18	UPRVUNL	Panki TPS (2 x 210 MW)	3 & 4	210
19	DPL	DPL TPS (70 + 2x75 MW)	3,4 & 5	220
20	APGCL	Chandrapur TPS (2x30 MW)	1 & 2	60
			<b>Total:</b>	<b>6075</b>

**Table 'B':Coal based Units in Govt. Sector which could be retired in F.Y.2018-19**

<b>S. No.</b>	<b>Name of the Utility</b>	<b>Name of the Station</b>	<b>Unit No.</b>	<b>Capacity (MW)</b>	<b>Remarks</b>
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 in process. Replacement proposed.
3	MPPGCL	Satpura TPS (2 X 210 MW)	8 & 9	420	Decided by the Utility to retire w.e.f. 31.03.2018
4	PSPCL	Ropar TPS (4 X 210 MW)	1,2,3 & 4	840	Utility is exploring possibility to set up 3x800 MW super-critical Unit as replacement.
5	PSPCL	GND (Bathinda) TPS (2 X 110 MW)	1 & 2	220	Board approval by utility obtained.
6	CSPGCL	Korba East TPS (4 x 50 MW)	1,2,3 & 4	200	Board approval by utility under process.
7	UPRVUNL	Obra TPS	8	94	Under s/d since 21.06.2011. Deletion case pending wih Govt. of U.P.
8	NTPC LTD.	Badarpur TPS (3 x 95 MW)	1, 2 & 3	285	Units decided to be retired w.e.f. June,2018.
9	NLC	Neyveli LigniteTPS-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.
10	TSPGCL	Kothadudem TPS (4 x 60 + 4 x 120 MW)	1 to 8	720	Due to Power shortage in the state, Utility wants to run the plant till commissioning of 800 MW Super Critical unit for which order has been placed & which is expected to be commissioned in 2018-19.
11	TSPGCL	Ramagundem-B TPS	1	62.5	
12	DVC	Chandrapur TPS	3	130	To be retired after augmentation of Transmission scheme. Proposed to be retired in 2019-20.
			<b>Total</b>	<b>4116.5</b>	

**Table 'C' : Additional Thermal Units Retired [Since Sept.'15 to March'18]**

<b>S.No.</b>	<b>Name of the Utility</b>	<b>Name of the Station</b>	<b>Unit No.</b>	<b>Capacity (MW)</b>
1.	CESC	New Cossipore TPS (2x30+2x50 MW)	1 to 4	160
2.	KSEB	Kozhikode DG (2x16 MW)	1 & 4	32
3.	KSEB	Brahmapuram DG (2x21.32 MW)	2 & 3	42.64
4.	DVC	Maithon GT (3x30 MW)	1 to 3	90
5.	APGCL	Lakwa GT TPS	1	15
6.	KPCL	Belgaum DG (5x16.26 MW)	1 to 5	81.3
7.	Tata Power	Trombay TPS	4	150
8.	GSECL	Utran CCPS (3 x 30 + 1 x 45 MW)	1	135
9.	India Power Corp. Ltd. (West Bengal)	Chinakuri TPS (3x10 MW)	1,2,3	30
		Dishergarh TPS (1x3 + 3x5 MW)	1,2,3,4	18
		Seebpore TPS (1.5 + 1.88 + 2 + 3 MW)	1,2,3,4	8.38
10.	APGCL	Lakwa GT TPS	4	15
11.	APGCL	Namrup CCPP	1	20
			<b>Total:</b>	<b>797.32</b>