

A Note on Retirement of 25 years or more old Coal / Lignite based Thermal Power Units

In order to conserve scarce natural resources like land, water and coal, on the advice of Ministry of Power, CEA has been regularly exploring the possibility of retiring /replacing 25 years or more old & inefficient coal /lignite based thermal power units by installing new supercritical units in consultation with various Power Utilities.

Since March' 2016 to May' 2019, 25 years or more old & inefficient coal / lignite based thermal power units of total 8470 MW capacity have been retired on the basis of un-economic operation or due to other reasons. The details of such units are given at Table 'A'.

In addition, 810.94 MW capacity Gas based/ DG Set units have also been retired since Sept.'2015 to May' 2019. The details of these units are given at Table 'B'.

Table 'A' : Coal/Lignite based Thermal Units retired [Since March'16 to May'19]

S.No.	Name of the Utility	Name of the Station	Unit No.	Capacity (MW)	Date of deletion from National Installed Capacity
1	MPPGCL	Amarkantak TPS (2x120 MW)	3 & 4	240	04.03.2016
2	HPGCL	Panipat TPS (4x110 MW)	1 to 4	440	12.04.2016
3	MSPGCL	Koradi TPS (4x105 MW)	1 to 4	420	02.08.2016
		Koradi TPS	5	200	24.04.2017
4	MSPGCL	Chandrapur TPS (2x210 MW)	1 & 2	420	21.10.2016
5	MSPGCL	Parli TPS	3	210	21.10.2016
6	MSPGCL	Bhusawal TPS	2	210	31.08.2017
7	WBPDC	Santaldih TPS (4x120MW)	1 to 4	480	21.12.2016
8	WBPDC	Bandel TPS (2x60 MW)	3 & 4	120	20.04.2018
9	PVUNL	Patratu TPS	1,2,3,5,8	360	21.12.2016
			4,6,7,9,10	455	23.11.2017
10	TANGEDCO	Ennore TPS (2x60 + 2x110 MW)	1,2,3 & 4	340	31.03.2017
		Ennore TPS	5	110	12.01.2017
11	GSECL	Gandhinagar TPS (2x120 MW)	1 & 2	240	12.01.2017
12	GSECL	Sikka TPS (2 x 120 MW)	1 & 2	240	18.08.2017
13	GSECL	Ukai TPS (2 x 120 MW)	1 & 2	240	18.08.2017
14	DPL	DPL TPS (70 + 2x75 MW)	3,4 & 5	220	20.02.2017
15	APGCL	Chandrapur TPS (2x30 MW)	1 & 2	60	18.08.2017
16	PSPCL	GND TPS (Bathinda)-(4x110 MW)	1,2,3,4	440	31.08.2018
17	PSPCL	GGs STPS (Ropar)-(2x210 MW)	1 & 2	420	31.08.2018
18	UPRVUNL	Harduaganj	5	60	18.08.2017
19	UPRVUNL	Obra TPS (2X50 MW)	1 & 2	100	18.08.2017
		Obra TPS (1x94 MW)	8	94	03.04.2018
20	UPRVUNL	Panki TPS (2 x 105 MW)	3 & 4	210	16.03.2018

21	TSGENCO	Kothagudem TPS (1x60 + 2x120 MW)	3, 6 & 8	300	19.03.2019
22	NTPC	Badarpur TPS(3x95 +2x210 MW)	1 to 5	705	30.10.2018
23	DVC	Durgapur TPS	3	140	21.10.2016
24	DVC	Chandrapur TPS	1	130	17.01.2017
		Chandrapur TPS	2	130	04.09.2017
25	DVC	Bokaro TPS (2 x 210)	1 & 2	420	04.09.2017
26	NLC	Neyveli TPS – I	7	100	06.02.2019
27	CESC	New Cossipore TPS (2x30 + 2x50 MW)	1 to 4	160	
28	India Power Corp. Ltd. (West Bengal)	Chinakuri TPS (3x10 MW)	1,2,3	30	31.08.2017
29		Dishegarh TPS (1x3 + 3x5 MW)	1,2,3,4	18	31.08.2017
30		Seebpore TPS (1.5 + 1.88 + 2 + 3 MW)	1,2,3,4	8.38	31.08.2017
Total :				8470.38	

Table 'B' : Additional (Gas based/ DG Set) Units Retired
[Since Sept.'15 to May'19]

S.No.	Name of the Utility	Name of the Station	Unit No.	Capacity (MW)
1	KSEB	Kozhikode DG (2x16 MW)	1 & 4	32
2	KSEB	Brahmapuram DG (2x21.32 MW)	2 & 3	42.64
3.	DVC	Maithon GT (3x30 MW)	1 to 3	90
4.	KPCL	Belgaum DG (5x16.26 MW)	1 to 5	81.3
5.	Tata Power	Trombay TPS	4	150
6.	GSECL	Utran CCPS (3 x 30 + 1 x 45 MW)	1	135
7.	APGCL	Lakwa GT TPS (4x15 MW)	1,2,3,4	60
8.	APGCL	Namrup CCPP	1	20
9.	GMR Power Corp. Ltd.	Basin Bridge (DG) Power Plant, Chennai (4x50 MW)	1 to 4	200
			Total:	810.94