



National Electricity Plan

(Volume I)

Generation

[In fulfilment of CEA's obligation under
section 3(4) of the Electricity Act 2003]

Government of India
Ministry of Power
Central Electricity Authority



JANUARY, 2018

Annexure 5.5
LIST OF PROJECTS CONSIDERED FOR RETIREMENT BY MARCH, 2022
As on August,2017

S.No.	Name of the Utility	Name of the Station	Unit No.	Capacity (MW)	Remarks
1	DPL	DPL TPS	3	70	
2	DPL	DPL TPS	4	75	
3	DPL	DPL TPS	5	75	
4	ASEB	Chandrapur TPS	1	30	
5	ASEB	Chandrapur TPS	2	30	
6	GSECL	Sikka TPS	1	120	
7	GSECL	Ukai TPS	1	120	
8	GSECL	Ukai TPS	2	120	
9	IPGCL	Rajghat TPS	1	67.5	
10	IPGCL	Rajghat TPS	2	67.5	
11	MPPGCL	Satpura TPS	6	200	
12	MPPGCL	Satpura TPS	7	210	
13	UPRVUNL	Harduaganj	5	60	Under s/d since Feb.,2015.
14	UPRVUNL	Obra TPS	8	94	
15	NLC	Nevyeli LigniteTPS-I	1	50	Units will be retired after commissioning of first unit of 2x500 MW TPS.
16	NLC	Nevyeli LigniteTPS-I	2	50	
17	NLC	Nevyeli LigniteTPS-I	3	50	
18	NLC	Nevyeli LigniteTPS-I	4	50	
19	NLC	Nevyeli LigniteTPS-I	5	50	
20	NLC	Nevyeli LigniteTPS-I	6	50	
21	NLC	Nevyeli LigniteTPS-I	7	100	
22	NLC	Nevyeli LigniteTPS-I	8	100	
23	NLC	Nevyeli LigniteTPS-I	9	100	
24	TSPGCL	Kothadudem TPS	1	60	Retirement of units is being expedited with the utility.
25	TSPGCL	Kothadudem TPS	2	60	
26	TSPGCL	Kothadudem TPS	3	60	
27	TSPGCL	Kothadudem TPS	4	60	
28	PSPCL	GND (Bathinda) TPS	1	110	Board approval by utility under process.
29	PSPCL	GND (Bathinda) TPS	2	110	
30	CSPGCL	DSPM Korba TPS	1	50	
31	CSPGCL	DSPM Korba TPS	2	50	
32	CSPGCL	DSPM Korba TPS	3	50	
33	CSPGCL	DSPM Korba TPS	4	50	
34	MPPGCL	Satpura TPS	8	210	
35	MPPGCL	Satpura TPS	9	210	
36	UPRVUNL	Obra TPS	1	40	
37	UPRVUNL	Obra TPS	2	50	
38	UPRVUNL	Panki TPS	3	105	Board Approval for retirement yet to be obtained. Replacement

					Proposal under consideration.
39	UPRVUNL	Panki TPS	4	105	
40	TSPGCL	Kothadudem TPS	5	120	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.
41	TSPGCL	Kothadudem TPS	6	120	
42	TSPGCL	Kothadudem TPS	7	120	
43	TSPGCL	Kothadudem TPS	8	120	
44	TSPGCL	Ramagundem-B TPS	1	62.5	
45	PSPCL	Ropar TPS	1	210	Utility is exploring possibility to set up 3x800 MW super-critical Unit as replacement.
46	PSPCL	Ropar TPS	2	210	
47	PSPCL	Ropar TPS	3	210	
48	PSPCL	Ropar TPS	4	210	
49	MSPGCL	Koradi TPS	5	200	To be retired after completion of LE works of Unit-6.
50	PVUNL	Patratu TPS	4	50	Units could be retired after 800 MW Unit is commissioned.
51	PVUNL	Patratu TPS	6	100	
52	PVUNL	Patratu TPS	9	110	
53	PVUNL	Patratu TPS	10	110	
54	PVUNL	Patratu TPS	7	110	Under long shut down. Decision pending.
55	NTPC LTD.	Badarpur TPS	1	95	Decision by NTPC Board pending.
56	NTPC LTD.	Badarpur TPS	2	95	
57	NTPC LTD.	Badarpur TPS	3	95	
58	DVC	Chandrapur TPS	2	130	To be retired after augmentation of Transmission scheme. Proposed to be retired in 2019-20.
59	DVC	Chandrapur TPS	3	130	
	TOTAL			5,926.5	



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JANUARY, 2018

Annexure 5.5(A)

LIST OF PROJECTS CONSIDERED FOR RETIREMENT AS PER NEW ENVIRONMENTAL NORMS

(Thermal station units without space for FGD installation and shall attain age of =>25 years on 1/1/2022)
(as on August,2017)

Sr. No.	Developer	Name of Project	Sector	State	Region	Unit No	Total Capacity
1	BSEB	BARAUNI TPS	State Sector	Bihar	ER	6	105
2	BSEB	BARAUNI TPS	State Sector	Bihar	ER	7	105
3	NTPC & Bihar	MUZAFFARPUR TPS	Central Sector	Bihar	ER	1	110
4	NTPC & Bihar	MUZAFFARPUR TPS	Central Sector	Bihar	ER	2	110
5	D.V.C	BOKARO `B` TPS	Central Sector	Jharkhand	ER	1	210
6	D.V.C	BOKARO `B` TPS	Central Sector	Jharkhand	ER	2	210
7	D.V.C	BOKARO `B` TPS	Central Sector	Jharkhand	ER	3	210
8	TenughatVN Ltd	TENUGHAT TPS	State Sector	Jharkhand	ER	1	210
9	TenughatVN Ltd	TENUGHAT TPS	State Sector	Jharkhand	ER	2	210
10	Ind barath	IND BARATH TPP	Private Sector	Odisha	ER	1	350
11	NTPC	TALCHER (OLD) TPS	Central Sector	Odisha	ER	1	60
12	NTPC	TALCHER (OLD) TPS	Central Sector	Odisha	ER	2	60
13	NTPC	TALCHER (OLD) TPS	Central Sector	Odisha	ER	3	60
14	NTPC	TALCHER (OLD) TPS	Central Sector	Odisha	ER	4	60
15	NTPC	TALCHER (OLD) TPS	Central Sector	Odisha	ER	5	110
16	NTPC	TALCHER (OLD) TPS	Central Sector	Odisha	ER	6	110
17	C.E.S.C. Pvt.	TITAGARH TPS	Private Sector	West Bengal	ER	1	60
18	C.E.S.C. Pvt.	TITAGARH TPS	Private Sector	West Bengal	ER	2	60
19	C.E.S.C. Pvt.	TITAGARH TPS	Private Sector	West Bengal	ER	3	60
20	C.E.S.C. Pvt.	TITAGARH TPS	Private Sector	West Bengal	ER	4	60
21	D.V.C	DURGAPUR TPS	Central Sector	West Bengal	ER	4	210
22	WBPDC	BAKRESWAR TPS	State Sector	West Bengal	ER	1	210
23	WBPDC	BAKRESWAR TPS	State Sector	West Bengal	ER	2	210
24	WBPDC	BAKRESWAR TPS	State Sector	West Bengal	ER	3	210
25	WBPDC	BAKRESWAR TPS	State Sector	West Bengal	ER	4	210
26	WBPDC	BAKRESWAR TPS	State Sector	West Bengal	ER	5	210



27	WBPDCL	BANDEL TPS	State Sector	West Bengal	ER	1	60
28	WBPDCL	BANDEL TPS	State Sector	West Bengal	ER	2	60
29	WBPDCL	BANDEL TPS	State Sector	West Bengal	ER	3	60
30	WBPDCL	BANDEL TPS	State Sector	West Bengal	ER	4	60
31	WBPDCL	BANDEL TPS	State Sector	West Bengal	ER	5	210
32	NTPC	BADARPUR TPS	Central Sector	Delhi	NR	4	210
33	NTPC	BADARPUR TPS	Central Sector	Delhi	NR	5	210
34	HGP Corpn	PANIPAT TPS	State Sector	Haryana	NR	5	210
35	PSEB	GND TPS(BHATINDA)	State Sector	Punjab	NR	3	110
36	PSEB	GND TPS(BHATINDA)	State Sector	Punjab	NR	4	110
37	PSEB	ROPAR TPS	State Sector	Punjab	NR	5	210
38	PSEB	ROPAR TPS	State Sector	Punjab	NR	6	210
39	RRVUNL	KOTA TPS	State Sector	Rajasthan	NR	1	110
40	RRVUNL	KOTA TPS	State Sector	Rajasthan	NR	2	110
41	RRVUNL	KOTA TPS	State Sector	Rajasthan	NR	3	210
42	RRVUNL	KOTA TPS	State Sector	Rajasthan	NR	4	210
43	RRVUNL	KOTA TPS	State Sector	Rajasthan	NR	5	210
44	NTPC	TANDA TPS	Central Sector	Uttar Pradesh	NR	1	110
45	NTPC	TANDA TPS	Central Sector	Uttar Pradesh	NR	2	110
46	NTPC	TANDA TPS	Central Sector	Uttar Pradesh	NR	3	110
47	NTPC	TANDA TPS	Central Sector	Uttar Pradesh	NR	4	110
48	UPRVUNL	HARDUAGANJ TPS	State Sector	Uttar Pradesh	NR	7	105
49	UPRVUNL	OBRA TPS	State Sector	Uttar Pradesh	NR	7	94
50	UPRVUNL	PARICHHA TPS	State Sector	Uttar Pradesh	NR	1	110
51	UPRVUNL	PARICHHA TPS	State Sector	Uttar Pradesh	NR	2	110
52	APGENCO	Dr. N.TATA RAO TPS	State Sector	Andhra Pradesh	SR	1	210
53	APGENCO	Dr. N.TATA RAO TPS	State Sector	Andhra Pradesh	SR	2	210
54	APGENCO	Dr. N.TATA RAO TPS	State Sector	Andhra Pradesh	SR	3	210
55	APGENCO	Dr. N.TATA RAO TPS	State Sector	Andhra Pradesh	SR	4	210
56	APGENCO	Dr. N.TATA RAO TPS	State Sector	Andhra Pradesh	SR	5	210
57	APGENCO	Dr. N.TATA RAO TPS	State Sector	Andhra Pradesh	SR	6	210
58	KPCL	RAICHUR TPS	State Sector	Karnataka	SR	1	210
59	KPCL	RAICHUR TPS	State Sector	Karnataka	SR	2	210
60	KPCL	RAICHUR TPS	State Sector	Karnataka	SR	3	210
61	KPCL	RAICHUR TPS	State Sector	Karnataka	SR	4	210
62	KPCL	RAICHUR TPS	State Sector	Karnataka	SR	5	210
63	KPCL	RAICHUR TPS	State Sector	Karnataka	SR	6	210
64	KPCL	RAICHUR TPS	State Sector	Karnataka	SR	7	210
65	KPCL	RAICHUR TPS	State Sector	Karnataka	SR	8	250
66	Ind barath	TUTICORIN (P) TPP	Private Sector	Tamil Nadu	SR	1	150



67	Ind barath	TUTICORIN (P) TPP	Private Sector	Tamil Nadu	SR	2	150
68	NEYVELI LIGNITE	NEYVELI (EXT) TPS	Central Sector	Tamil Nadu	SR	1	210
69	NEYVELI LIGNITE	NEYVELI (EXT) TPS	Central Sector	Tamil Nadu	SR	2	210
70	NEYVELI LIGNITE	NEYVELI TPS- II	Central Sector	Tamil Nadu	SR	1	210
71	NEYVELI LIGNITE	NEYVELI TPS- II	Central Sector	Tamil Nadu	SR	2	210
72	NEYVELI LIGNITE	NEYVELI TPS- II	Central Sector	Tamil Nadu	SR	3	210
73	NEYVELI LIGNITE	NEYVELI TPS- II	Central Sector	Tamil Nadu	SR	4	210
74	NEYVELI LIGNITE	NEYVELI TPS- II	Central Sector	Tamil Nadu	SR	5	210
75	NEYVELI LIGNITE	NEYVELI TPS- II	Central Sector	Tamil Nadu	SR	6	210
76	NEYVELI LIGNITE	NEYVELI TPS- II	Central Sector	Tamil Nadu	SR	7	210
77	TNEB	METTUR TPS	State Sector	Tamil Nadu	SR	1	210
78	TNEB	METTUR TPS	State Sector	Tamil Nadu	SR	2	210
79	TNEB	METTUR TPS	State Sector	Tamil Nadu	SR	3	210
80	TNEB	METTUR TPS	State Sector	Tamil Nadu	SR	4	210
81	TNEB	NORTH CHENNAI TPS	State Sector	Tamil Nadu	SR	1	210
82	TNEB	NORTH CHENNAI TPS	State Sector	Tamil Nadu	SR	2	210
83	TNEB	NORTH CHENNAI TPS	State Sector	Tamil Nadu	SR	3	210
84	TNEB	TUTICORIN TPS	State Sector	Tamil Nadu	SR	1	210
85	TNEB	TUTICORIN TPS	State Sector	Tamil Nadu	SR	2	210
86	TNEB	TUTICORIN TPS	State Sector	Tamil Nadu	SR	3	210
87	TNEB	TUTICORIN TPS	State Sector	Tamil Nadu	SR	4	210
88	TNEB	TUTICORIN TPS	State Sector	Tamil Nadu	SR	5	210
89	TSGENCO	KOTHAGUDEM TPS (NEW)	State Sector	Telangana	SR	9	250
90	TSGENCO	KOTHAGUDEM TPS (NEW)	State Sector	Telangana	SR	10	250
91	CSPGCL	KORBA-III	State Sector	Chhattisgarh	WR	1	120
92	CSPGCL	KORBA-III	State Sector	Chhattisgarh	WR	2	120
93	CSPGCL	KORBA-WEST TPS	State Sector	Chhattisgarh	WR	1	210
94	CSPGCL	KORBA-WEST TPS	State Sector	Chhattisgarh	WR	2	210
95	CSPGCL	KORBA-WEST TPS	State Sector	Chhattisgarh	WR	3	210
96	CSPGCL	KORBA-WEST TPS	State Sector	Chhattisgarh	WR	4	210
97	GSECL	SIKKA REP. TPS	State Sector	Gujarat	WR	2	120



98	Torrent Power Generation Ltd.,	SABARMATI	Private Sector	Gujarat	WR	15	30
99	Torrent Power Generation Ltd.,	SABARMATI	Private Sector	Gujarat	WR	16	30
100	Gupta Energy P L	GEPL TPP Ph-I	Private Sector	Maharashtra	WR	1	60
101	Gupta Energy P L	GEPL TPP Ph-I	Private Sector	Maharashtra	WR	2	60
TOTAL							16,789 MW



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LIST OF PROJECTS CONSIDERED FOR RETIREMENT DURING 2022-27

(Thermal station units which shall attain age of =>25 years on 1/1/2022)

(as on August,2017)

Sr. No.	Developer	Name of Project	Sector	State	Region	Unit No	Total Capacity
1	NTPC	KAHALGAON TPS	C	Bihar	ER	1	210
2	NTPC	KAHALGAON TPS	C	Bihar	ER	2	210
3	NTPC	KAHALGAON TPS	C	Bihar	ER	3	210
4	NTPC	KAHALGAON TPS	C	Bihar	ER	4	210
5	NTPC	TALCHER STPS	C	Odis.	ER	1	500
6	NTPC	TALCHER STPS	C	Odis.	ER	2	500
7	OPGCLtd	IB VALLEY TPS	S	Odis.	ER	1	210
8	OPGCLtd	IB VALLEY TPS	S	Odis.	ER	2	210
9	C.E.S.C. Pvt.	SOUTHERN REPL.	P	WB	ER	1	68
10	C.E.S.C. Pvt.	SOUTHERN REPL	P	WB	ER	2	68
11	D.P.L.	D.P.L. TPS	S	WB	ER	6	110
12	D.V.C	MEJIA TPS	C	WB	ER	1	210
13	D.V.C	MEJIA TPS	C	WB	ER	2	210
14	NTPC	FARAKKA STPS	C	WB	ER	1	200
15	NTPC	FARAKKA STPS	C	WB	ER	2	200
16	NTPC	FARAKKA STPS	C	WB	ER	3	200
17	NTPC	FARAKKA STPS	C	WB	ER	4	500
18	NTPC	FARAKKA STPS	C	WB	ER	5	500
19	WBPDC	KOLAGHAT TPS	S	WB	ER	1	210
20	WBPDC	KOLAGHAT TPS	S	WB	ER	2	210
21	WBPDC	KOLAGHAT TPS	S	WB	ER	3	210
22	WBPDC	KOLAGHAT TPS	S	WB	ER	4	210
23	WBPDC	KOLAGHAT TPS	S	WB	ER	5	210
24	WBPDC	KOLAGHAT TPS	S	WB	ER	6	210
25	NTPC	DADRI (NCTPP)	C	UP	NR	1	210
26	NTPC	DADRI (NCTPP)	C	UP	NR	2	210
27	NTPC	DADRI (NCTPP)	C	UP	NR	3	210
28	NTPC	DADRI (NCTPP)	C	UP	NR	4	210
29	NTPC	RIHAND STPS	C	UP	NR	1	500
30	NTPC	RIHAND STPS	C	UP	NR	2	500
31	NTPC	SINGRAULI STPS	C	UP	NR	1	200



32	NTPC	SINGRAULI STPS	C	UP	NR	2	200
33	NTPC	SINGRAULI STPS	C	UP	NR	3	200
34	NTPC	SINGRAULI STPS	C	UP	NR	4	200
35	NTPC	SINGRAULI STPS	C	UP	NR	5	200
36	NTPC	SINGRAULI STPS	C	UP	NR	6	500
37	NTPC	SINGRAULI STPS	C	UP	NR	7	500
38	NTPC	UNCHAHAHAR TPS	C	UP	NR	1	210
39	NTPC	UNCHAHAHAR TPS	C	UP	NR	2	210
40	UPRVUNL	ANPARA TPS	S	UP	NR	1	210
41	UPRVUNL	ANPARA TPS	S	UP	NR	2	210
42	UPRVUNL	ANPARA TPS	S	UP	NR	3	210
43	UPRVUNL	ANPARA TPS	S	UP	NR	4	500
44	UPRVUNL	ANPARA TPS	S	UP	NR	5	500
45	UPRVUNL	OBRA TPS	S	UP	NR	9	200
46	UPRVUNL	OBRA TPS	S	UP	NR	10	200
47	UPRVUNL	OBRA TPS	S	UP	NR	11	200
48	UPRVUNL	OBRA TPS	S	UP	NR	12	200
49	UPRVUNL	OBRA TPS	S	UP	NR	13	200
50	APGENCO	RAYALASEEMA TPS	S	AP	SR	1	210
51	APGENCO	RAYALASEEMA TPS	S	AP	SR	2	210
52	NTPC	RAMAGUNDEM STPS	C	Telang.	SR	1	200
53	NTPC	RAMAGUNDEM STPS	C	Telang.	SR	2	200
54	NTPC	RAMAGUNDEM STPS	C	Telang.	SR	3	200
55	NTPC	RAMAGUNDEM STPS	C	Telang.	SR	4	500
56	NTPC	RAMAGUNDEM STPS	C	Telang.	SR	5	500
57	NTPC	RAMAGUNDEM STPS	C	Telang.	SR	6	500
58	NTPC	KORBA STPS	C	Chhatt.	WR	1	200
59	NTPC	KORBA STPS	C	Chhatt.	WR	2	200
60	NTPC	KORBA STPS	C	Chhatt.	WR	3	200
61	NTPC	KORBA STPS	C	Chhatt.	WR	4	500
62	NTPC	KORBA STPS	C	Chhatt.	WR	5	500
63	NTPC	KORBA STPS	C	Chhatt.	WR	6	500
64	GSECL	GANDHI NAGAR TPS	S	Guj.	WR	3	210

65	GSECL	GANDHI NAGAR TPS	S	Guj.	WR	4	210
66	GSECL	KUTCH LIG. TPS	S	Guj.	WR	1	70
67	GSECL	KUTCH LIG. TPS	S	Guj.	WR	2	70
68	GSECL	KUTCH LIG. TPS	S	Guj.	WR	3	75
69	GSECL	UKAI TPS	S	Guj.	WR	3	200
70	GSECL	UKAI TPS	S	Guj.	WR	4	200
71	GSECL	UKAI TPS	S	Guj.	WR	5	210
72	GSECL	WANAKBORI TPS	S	Guj.	WR	1	210
73	GSECL	WANAKBORI TPS	S	Guj.	WR	2	210
74	GSECL	WANAKBORI TPS	S	Guj.	WR	3	210
75	GSECL	WANAKBORI TPS	S	Guj.	WR	4	210
76	GSECL	WANAKBORI TPS	S	Guj.	WR	5	210
77	GSECL	WANAKBORI TPS	S	Guj.	WR	6	210
78	Torrent	SABARMATI	P	Guj.	WR	1	120
79	Torrent	SABARMATI	P	Guj.	WR	2	121
80	Torrent	SABARMATI	P	Guj.	WR	3	121
81	MPPGCL	SANJAY GANDHI TPS	S	MP	WR	1	210
82	MPPGCL	SANJAY GANDHI TPS	S	MP	WR	2	210
83	NTPC	VINDHYACHAL STPS	C	MP	WR	1	210
84	NTPC	VINDHYACHAL STPS	C	MP	WR	2	210
85	NTPC	VINDHYACHAL STPS	C	MP	WR	3	210
86	NTPC	VINDHYACHAL STPS	C	MP	WR	4	210
87	NTPC	VINDHYACHAL STPS	C	MP	WR	5	210
88	NTPC	VINDHYACHAL STPS	C	MP	WR	6	210
89	MAHAGENCO	BHUSAWAL TPS	S	Maha	WR	2	210
90	MAHAGENCO	BHUSAWAL TPS	S	Maha	WR	3	210
91	MAHAGENCO	CHANDRAPUR STPS	S	Maha	WR	3	210
92	MAHAGENCO	CHANDRAPUR STPS	S	Maha	WR	4	210
93	MAHAGENCO	CHANDRAPUR STPS	S	Maha	WR	5	500
94	MAHAGENCO	CHANDRAPUR STPS	S	Maha	WR	6	500



95	MAHAGENCO	KHAPARKHEDA TPS	S	Maha	WR	1	210
96	MAHAGENCO	KHAPARKHEDA TPS	S	Maha	WR	2	210
97	MAHAGENCO	KORADI TPS	S	Maha	WR	6	210
98	MAHAGENCO	KORADI TPS	S	Maha	WR	7	210
99	MAHAGENCO	NASIK TPS	S	Maha	WR	3	210
100	MAHAGENCO	NASIK TPS	S	Maha	WR	4	210
101	MAHAGENCO	NASIK TPS	S	Maha	WR	5	210
102	MAHAGENCO	PARLI TPS	S	Maha	WR	4	210
103	MAHAGENCO	PARLI TPS	S	Maha	WR	5	210
	TOTAL						25,572