

Details of MSPGCL (Mahagenco) Commissioned generating stations having PPA with MSEDCL

Sr. No.	Name of Generator	Contracted Capacity(MW)	Type of Generation	Date of Commissioning	Dt. of PPA	Total Cost (For FY 2020-21) (Rs./Unit)
1	Bhusawal Unit - 03	210	Thermal	04.05.1982	01.04.2009	5.171
2	Bhusawal Unit - 04	500	Thermal	16.11.2012	24.12.2010	4.883
3	Bhusawal Unit - 05	500	Thermal	03.01.2014	24.12.2010	4.883
4	Khaparkhedha Unit - 01	210	Thermal	26.03.1989	01.04.2009	3.811
5	Khaparkhedha Unit - 02	210	Thermal	01.01.1990	01.04.2009	3.811
6	Khaparkhedha Unit - 03	210	Thermal	01.05.2000	01.04.2009	3.811
7	Khaparkhedha Unit - 04	210	Thermal	01.01.2001	01.04.2009	3.811
8	Khaparkhedha Unit - 05	500	Thermal	16.04.2012	24.12.2010	4.071
9	Paras Unit - 03	250	Thermal	31.03.2008	01.04.2009	4.701
10	Paras Unit - 04	250	Thermal	31.10.2010	24.12.2010	4.701
11	Nashik Unit - 03	210	Thermal	26.04.1979	01.04.2009	4.610
12	Nashik Unit - 04	210	Thermal	01.07.1980	01.04.2009	4.610
13	Nashik Unit - 05	210	Thermal	01.06.1981	01.04.2009	4.610
14	Parali Unit - 06	250	Thermal	01.11.2007	01.04.2009	5.635
15	Parali Unit - 07	250	Thermal	31.07.2010	24.12.2010	5.635
16	Parali Unit - 08	250	Thermal	19.11.2016	24.12.2010	6.142
17	Koradi Unit - 06	210	Thermal	15.07.1978	01.04.2009	4.731
18	Koradi Unit - 07	210	Thermal	01.01.1983	01.04.2009	4.731
19	Koradi Unit - 08	660	Thermal	16.12.2015	24.12.2010	3.896
20	Koradi Unit - 09	660	Thermal	22.11.2016	24.12.2010	3.896
21	Koradi Unit - 10	660	Thermal	17.01.2017	24.12.2010	3.896
22	Chandrapur Unit - 03	210	Thermal	03.05.1985	01.04.2009	3.340
23	Chandrapur Unit - 04	210	Thermal	01.03.1986	01.04.2009	3.340
24	Chandrapur Unit - 05	500	Thermal	01.03.1991	01.04.2009	3.340
25	Chandrapur Unit - 06	500	Thermal	01.03.1992	01.04.2009	3.340
26	Chandrapur Unit - 07	500	Thermal	01.10.1997	01.04.2009	3.340
27	Chandrapur Unit - 08	500	Thermal	04.06.2016	24.12.2010	4.097
28	Chandrapur Unit - 09	500	Thermal	24.11.2016	24.12.2010	4.097
29	GTPS Uran unit - 05	108	Gas	01.10.1985	01.04.2009	3.333
30	GTPS Uran unit - 06	108	Gas	01.08.1985	01.04.2009	3.333
31	GTPS Uran unit - 07	108	Gas	01.06.1985	01.04.2009	3.333
32	GTPS Uran unit - 08	108	Gas	01.01.1986	01.04.2009	3.333
33	GTPS Uran WHR - AO	120	Gas	01.03.1994	01.04.2009	3.333
34	GTPS Uran WHR - BO	120	Gas	01.10.1994	01.04.2009	3.333
35	Koyna Stage-I & II	600	Hydro	1962	01.04.2009	1.800
36	Koyna Stage-III	320	Hydro	1975	01.04.2009	
37	Koyna Stage-IV	1000	Hydro	2000	01.04.2009	
38	KDPH	36	Hydro	1980	01.04.2009	
53	BHIRA Unit-1 & 02	80	Small Hydro	1986	01.04.2009	2.000
55	TILLARI Unit-1	66	Small Hydro	1986	01.04.2009	1.730
56	Ghatghar PSS Unit-1 & 2	250	PSS Hydro	2008	12.05.2014	Rs. 29.79 Crs. per month
58	BHATGHAR Unit-1	16	Small Hydro	1977	01.04.2009	
59	KANHER Unit - 1	4	Small Hydro	1991	01.04.2009	
60	DHOM Unit-1 & 2	2	Small Hydro	1992	01.04.2009	
62	UJJANI Unit-1	12	Small Hydro	1994	01.04.2009	
63	WARANA Unit-1 & 2	16	Small Hydro	1999	01.04.2009	
65	PANSHET Unit-1	8	Small Hydro	1991	01.04.2009	
66	VARASGAON Unit-1	8	Small Hydro	1991	01.04.2009	
67	PAWANA Unit-1	10	Small Hydro	1988	01.04.2009	
68	MANIKDOH Unit-1	6	Small Hydro	1995	01.04.2009	
69	DIMBHE Unit-1	5	Small Hydro	1998	01.04.2009	
70	DUDHGANGA Unit-1 & 2	24	Small Hydro	2000	01.04.2009	
72	TERWANMEDHE Unit-1 to 4	0.2	Small Hydro	1988	01.04.2009	
73	Radhanagri Unit 01 to 04	4.8	Small Hydro	1952	01.04.2009	
77	YELDARI Unit-1 to 3	22.5	Small Hydro	1968	01.04.2009	
80	PAITHAN Unit-1	12	Small Hydro	1984	01.04.2009	
81	VAITARNA Unit-1	60	Small Hydro	1976	01.04.2009	
82	VAITARNA DAM TOE Unit-1	1.5	Small Hydro	1987	01.04.2009	
83	BHATSA	15	Small Hydro	1991	01.04.2009	
84	SURYA	6	Small Hydro	1999	01.04.2009	
TOTAL		13007				

* including Lease Rent Charges

Remarks: 1. The Charge for MSPGCL Units are taken as per MERC Order dated 12.09.2018 (in case no. 196 of 2017) and MSPGCL FAC Bill of November 2019 . However, actual charges may differ due to change in Fuel Adjustment Charge on month to month basis.

Details of MSEDCL Share in CENTRAL SECTOR POWER PLANT

Station Name	Capacity Allocated	Type of generations	COD/Date of commissioning	Date of PPA	Energy Charges	Fixed Charges	Total Cost (For FY 2020-21) (Rs./Unit)
Korba STPS I AND II	635	Thermal	01.06.1990	12.01.1994	1.416	0.638	2.054
Vindychal STP-I	432	Thermal	01.02.1992	12.01.1994	1.769	0.779	2.548
Vindychal STP-II	336	Thermal	01.10.2000	20.02.2003	1.704	0.651	2.355
Vindychal STP-III	275	Thermal	15.07.2007	20.02.2003	1.692	0.980	2.672
Vindychal STP-IV	294	Thermal	01.03.2013	18.10.2008	1.671	1.467	3.138
KAWAS GPS	204	Gas	01.11.1993	12.01.1994	APM : 1.970	0.831	2.801 (APM)
	0		01.11.1995		N-APM : 2.048	0.831	2.879 (N-APM)
Gandar GPS	200	Gas	01.01.2009	12.01.1994	APM : 1.998	1.045	3.043 (APM)
	0		20.03.2010		N-APM : 2.54	1.045	3.585 (N-APM)
Sipat STPS-II	274	Thermal	01.08.2012	20.02.2003	1.603	1.161	2.764
Kahalgaon TPS-II	148	Thermal	21.03.2011	26.05.2003	2.143	1.021	3.164
Sipat STPS: I	556	Thermal	13.03.2013	06.12.2003	1.555	1.222	2.777
Korba STPS-III	120	Thermal	30.10.2015	05.01.2011	1.393	1.233	2.626
Mauda STPS-I	394	Thermal	01.02.2017	03.12.2007	2.862	1.761	4.623
Vindychal STPS V	161	Thermal	6.05.1993	27.11.2007	1.722	1.550	3.272
Mauda STPS-II	531	Thermal	28.10.1969	03.12.2007	2.876	1.392	4.268
Solapur STPS	323	Thermal	25.09.2017	19.07.2010	3.286	1.613	4.899
KAPP	155	Nuclear	12.09.2005	04.06.2005	2.486	NA	2.490
TAPP 1&2	160	Nuclear	28.10.1969	12.02.2008	2.063	NA	2.060
TAPP 3&4	437	Nuclear	12.09.2005	04.06.2005	3.075	NA	3.080
Gadarwara STPS	25	Thermal	01.06.2019	05.01.2011	2.938	1.862	4.800
Khargone	50	Thermal	U#1- 1.02.2020 U#2- 4.04.2020	5.01.2011	3.100	1.626	4.726
Lara	114	Thermal	U#1- 1.10.2019	16.12.2010	2.355	1.840	4.195

Remarks: The rates of the power plant varies on monthly basis as per the approved methodology by CERC in tariff petition

Future Contracted/Approved Capacity (MW) of Central and State Sector

Sr. No	Power Plant	Total Capacity (MW)	MSEDCL's Share (MW)	Type of Generation	PPA	Expected COD/Remark
1	Gadarwara STPS Unit 2	660	25	Thermal	05.01.2011	FY 2020-21
2	NTPC Lara C'gad Stage 01, Unit 2	800	114	Thermal	16.12.2010	FY 2020-21
3	NTPC Lara C'gad Stage 02, Unit 1&2 (2 X 800 MW)	1600	228	Thermal	16.12.2010	FY 2023-24
4	Bhusawal Unit 6	660	660	Thermal	24.12.2010	FY 2022-23
5	*Koradi Unit 11 & 12	1320	1320	Thermal		FY 2024-25
	Total	5040	2347			

* Hon'ble MERC has accorded its in-principle approval for MSPGCL's Proposal of Koradi Unit 11 & 12 (2X660 MW) as replacement against 06 no. old thermal generating units (6X210 MW) . However, PPA has not been signed till date.

As on July-2020

Details of other Hydro Stations commissioned and having PPA with MSEDCL

S.No.	Name of Generator	Contracted Capacity(MW)	Type of Generation (Thermal/Gas/Wind etc)	Dt of Commissioning	Dt of PPA	Total Cost (For FY 2020-21) (Rs./Unit)
1	Sardar Sarovar Project	391.5	Hydro	01.06.2006	...	2.05
2	Pench	54	Hydro	09.03.1987	...	2.05
3	Dodson I	12	Hydro	01.02.1986	21.01.1999	1.48
4	Dodson II	34	Hydro	01.05.1999	28.06.2006	**
	Total	492				

Remark

- 1) The Energy rate for Dodson I varies monthly as it is escalable by Monthly Foreign Exchange Rate, SBI PLR Rate
- 2) MERC vide case No 105 of 2009 has declared Rs. 0.76 Crs. per month fixed charges for FY 2019-20 for Dodson II **



Information of Commissioned IPP and UMPP Projects

As on 1st July-2020

Sr. No	Name of Generator	Contracted Capacity (MW)	Type of Generator (Thermal/gas/wind etc)	Date of Commissioning	Date of PPA	Total Cost for year 20-21
1	Adani Power Maharashtra Ltd.	1200	Thermal	01.04.2014	31.03.2010	4.1032
2	Adani Power Maharashtra Ltd.	1320	Thermal	13.06.2013	08.09.2008	2.8967
3	Adani Power Maharashtra Ltd.	125	Thermal	09.08.2014	09.08.2010	4.1032
4	Adani Power Maharashtra Ltd.	440	Thermal	16.02.2017	16.02.2013	4.2032
5	Rattanindia Power Ltd.	450	Thermal	22.04.2014	22.04.2010	4.4828
6	Rattanindia Power Ltd.	750	Thermal	13.03.2015	05.06.2010	4.4828
7	Emco Energy Ltd.	200	Thermal	17.03.2018	17.03.2010	3.5669
8	JSW Energy Ltd.	300	Thermal	01.09.2010	23.02.2010	3.0866
9	CGPL	800	Thermal	22.03.2013	22.04.2007	2.7902
10	Sai wardha Power generation ltd	240	Thermal	05.07.2020	01.07.2020	

1. Energy Rates and Capacity Rates are subject to change every month as per bid, CERC Index, Article Change in law of PPA

2. In addition to above there may be additional Change in Law impact due to Coal shortfall under Shakti policy.