

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

S.No.	Name of Generator	Contracted Capacity(MW)	Type of Generation (Thermal/Gas/Wind etc)	Date of Commissioning	Dt. of PPA	Total Cost (For FY 2018-19) (Rs./Unit)
1	Bhusawal Unit - 03	210	Thermal	04.05.1982	01.04.2009	4.085
2	Bhusawal Unit - 04	500	Thermal	16.11.2012	24.12.2010	4.361
3	Bhusawal Unit - 05	500	Thermal	03.01.2014	24.12.2010	4.361
4	Khaparkheda Unit - 01	210	Thermal	26.03.1989	01.04.2009	3.488
5	Khaparkheda Unit - 02	210	Thermal	01.01.1990	01.04.2009	3.488
6	Khaparkheda Unit - 03	210	Thermal	01.05.2000	01.04.2009	3.488
7	Khaparkheda Unit - 04	210	Thermal	01.01.2001	01.04.2009	3.488
8	Khaparkheda Unit - 05	500	Thermal	16.04.2012	24.12.2010	3.751
9	Paras Unit - 03	250	Thermal	31.03.2008	01.04.2009	4.402
10	Paras Unit - 04	250	Thermal	31.10.2010	24.12.2010	4.402
11	Nashik Unit - 03	210	Thermal	26.04.1979	01.04.2009	4.514
12	Nashik Unit - 04	210	Thermal	01.07.1980	01.04.2009	4.514
13	Nashik Unit - 05	210	Thermal	01.06.1981	01.04.2009	4.514
14	Parali Unit - 06	250	Thermal	01.11.2007	01.04.2009	4.616
15	Parali Unit - 07	250	Thermal	31.07.2010	24.12.2010	4.616
16	Parali Unit - 08	250	Thermal	19.11.2016	24.12.2010	5.441
17	Koradi Unit - 06	210	Thermal	15.07.1978	01.04.2009	3.749
18	Koradi Unit - 07	210	Thermal	01.01.1983	01.04.2009	3.749
19	Koradi Unit - 08	660	Thermal	16.12.2015	24.12.2010	4.083
20	Koradi Unit - 09	660	Thermal	22.11.2016	24.12.2010	4.083
21	Koradi Unit - 10	660	Thermal	17.01.2017	24.12.2010	4.083
22	Chandrapur Unit - 03	210	Thermal	03.05.1985	01.04.2009	2.776
23	Chandrapur Unit - 04	210	Thermal	01.03.1986	01.04.2009	2.776
24	Chandrapur Unit - 05	500	Thermal	01.03.1991	01.04.2009	2.776
25	Chandrapur Unit - 06	500	Thermal	01.03.1992	01.04.2009	2.776
26	Chandrapur Unit - 07	500	Thermal	01.10.1997	01.04.2009	2.776
27	Chandrapur Unit - 08	500	Thermal	04.06.2016	24.12.2010	4.021
28	Chandrapur Unit - 09	500	Thermal	24.11.2016	24.12.2010	4.021
29	GTPS Uran unit - 05	108	Gas	01.10.1985	01.04.2009	2.367
30	GTPS Uran unit - 06	108	Gas	01.08.1985	01.04.2009	2.367
31	GTPS Uran unit - 07	108	Gas	01.06.1985	01.04.2009	2.367
32	GTPS Uran unit - 08	108	Gas	01.01.1986	01.04.2009	2.367
33	GTPS Uran WHR - AO	120	Gas	01.03.1994	01.04.2009	2.367
34	GTPS Uran WHR - BO	120	Gas	01.10.1994	01.04.2009	2.367
35	Koyna Stage-I & II	600	Hydro	1962	01.04.2009	0.276
36	Koyna Stage-III	320	Hydro	1975	01.04.2009	0.276
37	Koyna Stage-IV	1000	Hydro	2000	01.04.2009	0.276
38	KDPH	36	Hydro	1980	01.04.2009	0.276
53	BHIRA Unit-1 & 02	80	Small Hydro	1986	01.04.2009	0.574
55	TILLARI Unit-1	66	Small Hydro	1986	01.04.2009	1.234
56	Ghatghar PSS Unit-1 & 2	250	PSS Hydro	2008	12.05.2014	
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	Rs. 8.8291667 Crs. per month
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	
		13007				

Remarks:

1. The Charge for MSPGCL Units are taken as per MERC Order dated 30.08.2016 (in case no. 196 of 2017) . However, actual charges may differ due to change in Fuel Adjustment Charge on month to month basis.

2. Parli Unit 04 (210 MW) and Parli Unit 05 (210 MW) are under RSD and MSEDCL is paying Rs. 1.4125 Crs. per month RSD Charges.

3. MSEDCL is also paying Rs. 41.9333241 Crs. per month as a lease rent for MSPGCL's Hydro, PSS and Small Hydro Power Stations.

Detailed of MSPGCL (Mahagenco) Not Commissioned generating stations having PPA with MSEDCL

S.No.	Name of Generator	Contracted Capacity(MW)	Type of Generation (Thermal/Gas/Wind etc)	Dt of PPA
1	Bhusawal Unit 06	660	Thermal	24.12.2010
2	GTPS Uran Unit 09 & 10	1220	Gas	24.12.2010
3	Paras Unit 05	250	Thermal	24.12.2010
4	Nashik Unit 06	660	Thermal	24.12.2010
5	Dondaicha TPS Unit 01 to 05	3300	Thermal	24.12.2010
6	Latur JVC Power project	1500	Thermal (1320 MW)/Gas (1500 MW)	24.12.2010
7	Dhopave Thermal Power Station	1980	Thermal	24.12.2010
8	Total	9570		

Remarks:	Hon'ble MERC ,vide order dated 27.03.2018 (in case no. 42 of 2017) has directed MSPGCL take any effective steps in pursuance of the Generation Projects approved in the PPA. MSPGCL has filed a review petition (Case No. 154 of 2018) against the Hon'ble Commission order.
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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 2018-19) (Rs./Unit)
Korba STPS I AND II	635	Thermal	01.06.1990	12.01.1994	1.162	0.660	1.822
Vindychal STP-I	432	Thermal	01.02.1992	12.01.1994	1.541	0.827	2.368
Vindychal STP-II	336	Thermal	01.10.2000	20.02.2003	1.442	0.681	2.123
Vindychal STP-III	275	Thermal	15.07.2007	20.02.2003	1.450	1.055	2.505
Vindychal STP-IV	294	Thermal	01.03.2013	18.10.2008	1.440	1.583	3.023
KAWAS GPS	204	Gas	01.11.1993	12.01.1994	APM : 1.852	0.844	2.6963 (APM)
	0		01.11.1995		N-APM : 2.082	0.844	2.926 (N-APM)
Gandar GPS	200	Gas	01.01.2009	12.01.1994	APM : 1.788	1.051	2.8388 (APM)
	0		20.03.2010		N-APM : 2.072	1.051	3.1228 (N-APM)
Sipat STPS-II	274	Thermal	01.08.2012	20.02.2003	1.345	1.252	2.597
Kahalgaoon TPS-II	148	Thermal	21.03.2011	26.05.2003	2.369	0.000	2.369
Sipat STPS: I	556	Thermal	13.03.2013	06.12.2003	1.306	1.324	2.630
Korba STPS-III	120	Thermal	30.10.2015	05.01.2011	1.146	1.421	2.567
Mauda STPS-I	394	Thermal	01.02.2017	03.12.2007	2.830	1.912	4.742
Vindychal STPS V	161	Thermal	6.05.1993	27.11.2007	1.451	1.641	3.092
Mauda STPS-II	531	Thermal	28.10.1969	03.12.2007	2.734	1.354	4.088
Solapur STPS	323	Thermal	25.09.2017	19.07.2010			
KAPP	155	Nuclear	12.09.2005	04.06.2005	2.281	NA	2.281
TAPP 1&2	160	Nuclear	28.10.1969	12.02.2008	1.074	NA	1.074
TAPP 3&4	437	Nuclear	12.09.2005	04.06.2005	2.932	NA	2.932

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

Future Power Purchase Contracted Quantum (MW)/Central Sector & Others

Sr. No	Power Plant	Installed Capacity (MW)	Share	Type of Generation	PPA	Expected COD/Remark
1	Solapur STPS Stage II	1320	328	Thermal	19.07.2010	Sep-18
2	Gadarwara STPS Stage I	1320	25	Thermal	05.01.2011	Apr-19
3	Gadarwara STPS Stage II	1320	25	Thermal	05.01.2011	FY 2019-20
4	Khargone STPP	1320	50	Thermal	05.01.2011	FY 2019-20
5	Dhurvan STPP	1980		Thermal	05.01.2011	NTPC has allocated this project to Govt. of Gujrat
6	NTPC Lara C'gad Stage 01 (2 X 800 MW)	1600	230.63	Thermal	16.12.2010	Dec-18
7	NTPC Lara C'gad Stage 02 (2 X 800 MW)	1600	230.63	Thermal	16.12.2010	FY 2023-24
	Total	10460	889.26			

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 2018-19) (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	1.42
4	Dodson II	34	Hydro	01.05.1999	28.06.2006	**

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. 1.16 Crs. per month fixed charges for FY 2018-19 for Dodson II **



Information of Commissioned IPP and UMPP Projects

Sr no	Name of Generator	Contracted Capacity(MW)	Type of Generator (Thermal/gas/wind etc)	Date of Commissioning	Dt of PPA	Total Cost for year 17-18
1	Adani Power Maharashtra Ltd.	1200	Thermal	01.04.2014	31.03.2010	3.838
2	Adani Power Maharashtra Ltd.	1320	Thermal	13.06.2013	08.09.2008	3.675
3	Adani Power Maharashtra Ltd.	125	Thermal	09.08.2014	09.08.2010	3.838
4	Adani Power Maharashtra Ltd.	440	Thermal	16.02.2017	16.02.2013	4.420
5	Rattanindia Power Ltd.	450	Thermal	22.04.2014	22.04.2010	4.962
6	Rattanindia Power Ltd.	750	Thermal	13.03.2015	05.06.2010	4.962
7	Emco Energy Ltd.	200	Thermal	17.03.2018	17.03.2010	3.928
8	JSW Energy Ltd	300	Thermal	01.09.2010	23.02.2010	2.887
9	Cgpl	800	Thermal	22.03.2013	22.04.2007	2.427

1. In case of CBG Case 1 and Case 2 bidding, Energy Rates and Capacity Rate are subject to change every month as per bid, CERC Index, Article Change in Law of PPA
2. The APR rates including change in Law are considered for IPPs.

Information of Not Commissioned IPP and UMPP Projects

Sr no	Name of Generator	Contracted Capacity(MW)	Type of Generator (Thermal/gas/wind etc)	Date of Commissioning	Dt of PPA	Levelised Tarrif
1	Lanco Vidarbha Power Ltd.	680	Thermal	Yet to Commission	25.09.2008	2.700
2	CAPL Krishna'nam, Andra Pradesh	800	Thermal		22.03.2007	2.330
3	Tilaiya, Jharkhand	300	Thermal		10.09.2008	1.770
4	Lanco Teesta	500	Hydro		29.08.2006	2.320
5	Subansari	183	Hydro		10.02.2012	2.883