

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 | 7.746 |
| 2 | Bhusawal Unit - 04 | 500 | Thermal | 16.11.2012 | 24.12.2010 | 4.639 |
| 3 | Bhusawal Unit - 05 | 500 | Thermal | 03.01.2014 | 24.12.2010 | 4.639 |
| 4 | Khaparkheda Unit - 01 | 210 | Thermal | 26.03.1989 | 01.04.2009 | 3.577 |
| 5 | Khaparkheda Unit - 02 | 210 | Thermal | 01.01.1990 | 01.04.2009 | 3.577 |
| 6 | Khaparkheda Unit - 03 | 210 | Thermal | 01.05.2000 | 01.04.2009 | 3.577 |
| 7 | Khaparkheda Unit - 04 | 210 | Thermal | 01.01.2001 | 01.04.2009 | 3.577 |
| 8 | Khaparkheda Unit - 05 | 500 | Thermal | 16.04.2012 | 24.12.2010 | 4.146 |
| 9 | Paras Unit - 03 | 250 | Thermal | 31.03.2008 | 01.04.2009 | 4.362 |
| 10 | Paras Unit - 04 | 250 | Thermal | 31.10.2010 | 24.12.2010 | 4.362 |
| 11 | Nashik Unit - 03 | 210 | Thermal | 26.04.1979 | 01.04.2009 | 5.372 |
| 12 | Nashik Unit - 04 | 210 | Thermal | 01.07.1980 | 01.04.2009 | 5.372 |
| 13 | Nashik Unit - 05 | 210 | Thermal | 01.06.1981 | 01.04.2009 | 5.372 |
| 14 | Parali Unit - 06 | 250 | Thermal | 01.11.2007 | 01.04.2009 | 6.431 |
| 15 | Parali Unit - 07 | 250 | Thermal | 31.07.2010 | 24.12.2010 | 6.431 |
| 16 | Parali Unit - 08 | 250 | Thermal | 19.11.2016 | 24.12.2010 | 6.355 |
| 17 | Koradi Unit - 06 | 210 | Thermal | 15.07.1978 | 01.04.2009 | 3.871 |
| 18 | Koradi Unit - 07 | 210 | Thermal | 01.01.1983 | 01.04.2009 | 3.871 |
| 19 | Koradi Unit - 08 | 660 | Thermal | 16.12.2015 | 24.12.2010 | 5.479 |
| 20 | Koradi Unit - 09 | 660 | Thermal | 22.11.2016 | 24.12.2010 | 4.078 |
| 21 | Koradi Unit - 10 | 660 | Thermal | 17.01.2017 | 24.12.2010 | 4.238 |
| 22 | Chandrapur Unit - 03 | 210 | Thermal | 03.05.1985 | 01.04.2009 | 3.239 |
| 23 | Chandrapur Unit - 04 | 210 | Thermal | 01.03.1986 | 01.04.2009 | 3.239 |
| 24 | Chandrapur Unit - 05 | 500 | Thermal | 01.03.1991 | 01.04.2009 | 3.239 |
| 25 | Chandrapur Unit - 06 | 500 | Thermal | 01.03.1992 | 01.04.2009 | 3.239 |
| 26 | Chandrapur Unit - 07 | 500 | Thermal | 01.10.1997 | 01.04.2009 | 3.239 |
| 27 | Chandrapur Unit - 08 | 500 | Thermal | 04.06.2016 | 24.12.2010 | 4.657 |
| 28 | Chandrapur Unit - 09 | 500 | Thermal | 24.11.2016 | 24.12.2010 | 4.186 |
| 29 | GTPS Uran unit - 05 | 108 | Gas | 01.10.1985 | 01.04.2009 | 2.649 |
| 30 | GTPS Uran unit - 06 | 108 | Gas | 01.08.1985 | 01.04.2009 | 2.649 |
| 31 | GTPS Uran unit - 07 | 108 | Gas | 01.06.1985 | 01.04.2009 | 2.649 |
| 32 | GTPS Uran unit - 08 | 108 | Gas | 01.01.1986 | 01.04.2009 | 2.649 |
| 33 | GTPS Uran WHR - AO | 120 | Gas | 01.03.1994 | 01.04.2009 | 2.649 |
| 34 | GTPS Uran WHR - BO | 120 | Gas | 01.10.1994 | 01.04.2009 | 2.649 |
| 35 | Koyna Stage-I & II | 600 | Hydro | 1962 | 01.04.2009 | 1.383 |
| 36 | Koyna Stage-III | 320 | Hydro | 1975 | 01.04.2009 | 1.383 |
| 37 | Koyna Stage-IV | 1000 | Hydro | 2000 | 01.04.2009 | 1.383 |
| 38 | KDPH | 36 | Hydro | 1980 | 01.04.2009 | 1.383 |
| 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 | |
| 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 | |

Rs. 1.383 Crs. per month

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) and vide order dated 01.08.2018 (in case no. 154 of 2018) has directed MSPGCL take any effective steps in pursuance of the Generation Projects approved in the PPA. |
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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 | 1.371 | 0.676 | 2.046 |
| Vindychal STP-I | 432 | Thermal | 01.02.1992 | 12.01.1994 | 1.672 | 0.847 | 2.519 |
| Vindychal STP-II | 336 | Thermal | 01.10.2000 | 20.02.2003 | 1.603 | 0.670 | 2.273 |
| Vindychal STP-III | 275 | Thermal | 15.07.2007 | 20.02.2003 | 1.599 | 0.973 | 2.573 |
| Vindychal STP-IV | 294 | Thermal | 01.03.2013 | 18.10.2008 | 1.613 | 1.449 | 3.062 |
| KAWAS GPS | 204 | Gas | 01.11.1993 | 12.01.1994 | APM : 2.4479 | 1.863 | 4.3109 (APM) |
| | 0 | | 01.11.1995 | | N-APM : 2.2401 | 1.863 | 4.1031 (N-APM) |
| Gandar GPS | 200 | Gas | 01.01.2009 | 12.01.1994 | APM : 2.4102 | 3.853 | 6.2632 (APM) |
| | 0 | | 20.03.2010 | | N-APM : 1.7464 | 3.853 | 5.5994 (N-APM) |
| Sipat STPS-II | 274 | Thermal | 01.08.2012 | 20.02.2003 | 1.358 | 1.168 | 2.526 |
| Kahalgaoon TPS-II | #REF! | Thermal | 21.03.2011 | 26.05.2003 | 2.163 | 1.165 | 3.328 |
| Sipat STPS: I | 556 | Thermal | 13.03.2013 | 06.12.2003 | 1.340 | 1.218 | 2.558 |
| Korba STPS-III | 120 | Thermal | 30.10.2015 | 05.01.2011 | 1.382 | 1.288 | 2.670 |
| Mauda STPS-I | 394 | Thermal | 01.02.2017 | 03.12.2007 | 3.220 | 2.890 | 6.110 |
| Vindychal STPS V | 161 | Thermal | 6.05.1993 | 27.11.2007 | 1.596 | 1.611 | 3.206 |
| Mauda STPS-II | 531 | Thermal | 28.10.1969 | 03.12.2007 | 2.923 | 2.031 | 4.954 |
| Solapur STPS-I | 321 | Thermal | 25.09.2017 | 19.07.2010 | 3.950 | 5.888 | 9.838 |
| Solapur STPS-II | 322 | Thermal | 30.03.2019 | 19.07.2010 | | | |
| Gadarwara STPS Stage I | 25 | Thermal | 01.06.219 | 05.01.2011 | 3.770 | 2.370 | 6.140 |
| KAPP | 155 | Nuclear | 12.09.2005 | 04.06.2005 | 2.330 | NA | 2.334 |
| TAPP 1&2 | #REF! | Nuclear | 28.10.1969 | 12.02.2008 | 2.070 | NA | 2.074 |
| TAPP 3&4 | 437 | Nuclear | 12.09.2005 | 04.06.2005 | 3.120 | NA | 3.120 |

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 | Gadarwara STPS Unit 2 | 660 | 25 | Thermal | 05.01.2011 | FY 2019-20 |
| 2 | NTPC Lara C'gad Stage 01, Unit 2 | 800 | 114 | Thermal | 16.12.2010 | FY 2019-20 |
| 2 | Khargone STPS | 1320 | 50 | Thermal | 05.01.2011 | FY 2019-20 |
| 3 | NTPC Lara C'gad Stage 02, Unit 1&2 (2 X 800 MW) | 1600 | 228 | Thermal | 16.12.2010 | FY 2023-24 |
| | Total | 4380 | 417 | | | |

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 2019-20) (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 | ** |

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. 0.75 Crs. per month fixed charges for FY 2019-20 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 | Date of PPA | Total Cost for year 18-19 |
|--------|------------------------------|--------------------------|--|-----------------------|-------------|---------------------------|
| 1 | Adani Power Maharashtra Ltd. | 1200 | Thermal | 01.04.2014 | 31.03.2010 | 6.03 |
| 2 | Adani Power Maharashtra Ltd. | 1320 | Thermal | 13.06.2013 | 08.09.2008 | 2.6 |
| 3 | Adani Power Maharashtra Ltd. | 125 | Thermal | 09.08.2014 | 09.08.2010 | 4.15 |
| 4 | Adani Power Maharashtra Ltd. | 440 | Thermal | 16.02.2017 | 16.02.2013 | 4.43 |
| 5 | Rattanindia Power Ltd. | 450 | Thermal | 22.04.2014 | 22.04.2010 | 5.19 |
| 6 | Rattanindia Power Ltd. | 750 | Thermal | 13.03.2015 | 05.06.2010 | 5.36 |
| 7 | Emco Energy Ltd. | 200 | Thermal | 17.03.2018 | 17.03.2010 | 4.52 |
| 8 | JSW Energy Ltd. | 300 | Thermal | 01.09.2010 | 23.02.2010 | 3.44 |
| 9 | CGPL | 800 | Thermal | 22.03.2013 | 22.04.2007 | 3 |

1. In case of CBG Case 1 and Case 2 bidding, Energy Rates and Capacity Rates 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 | Date of PPA | Levelised Tariff |
|--------|---------------------------------|--------------------------|--|-----------------------|-------------|------------------|
| 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 | Subansary | 183 | Hydro | | 10.02.2012 | 2.883 |