



**Maharashtra Pollution  
Control Board**

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

# **REGIONAL OFFICE CHANDRAPUR**

**By P. M. Joshi, Regional Officer, MPCB, Chandrapur**

# **Thermal Power Plants In Chandrapur**

# Name and Capacity of Power Plants

Sr. No.	Name of Power Plant	Year of Establishment	Capacity
1	M/s Chandrapur Super Thermal Power Station, At Post Durgapur, Tal. & Dist. Chandrapur	Unit 1 – 1983 Unit 2 - 1984 Unit 3 – 1985 Unit 4 - 1986 Unit 5 - 1991 Unit 6 - 1992 Unit 7 – 1997 Unit 8 – 2016 Unit 9 - 2016	3340 MW (4 X 210 5X 500)
2	M/s Wardha Power Company Ltd., MIDC Warora, Tal. Warora, Dist. Chandrapur	Mar-10	540 MW (4 X 135)
3	M/s EMCO Energy Ltd. MIDC, Warora, Tal. Warora, Dist. Chandrapur	Sep-13	600 MW (2 X 300)
4	M/s Dhariwal Infrastructure Ltd. MIDC, Tadali, Tal. & Dist. Chandrapur	Dec-13	600 MW (2 X 300)
5	M/s Gupta Energy Ltd. At Usgaon, Post Ghuggus, Tal. & Dist. Chandrapur	Closed since couple of years	120 MW (2 X 60)
6	M/s ISMT Ltd. At Kurla (Rithi), Tal. Warora, Dist. Chandrapur	Closed since couple of years	40 MW

# Compliance with respect to Fly Ash Utilization Notification

- **No. Thermal power Plant – 06**
- **No. of Captive Power Plant – 11**
- **No. of Biomass Power Plant (10 MW and above) – 05**
- **Fly Ash generated during year 01/04/2015 to 31/03/2016 – 6154779 MT.**
- **No. of units in operation after the date of this notification i.e. after 03/11/2009 – 13.**
- **No. of units in operation after the date of this notification i.e. before 03/11/2009 – 11.**
- **Fly Ash utilized during year 01/04/2015 to 31/03/2016 – 4583862.87 MT.**
- **M/s. CSTPS, Chandrapur is the only unit non complying with regards to utilization of Fly Ash as per notification dtd. 03/11/2009 & it is observed that said unit has utilized 53.62% fly ash & have failed to comply with notification i.e. 100% utilization of fly ash.**
- **Board has issued Show Cause Notice vide letter no. MPCB/JD(APC)/B-TB-3/3878 dated 03/10/2016 to M/s. Chandrapur Super Thermal Power Station, Chandrapur & M/s. GMR EMCO Energy Ltd. Under the provisions of Air (Prevention & Control of Pollution) Act, 1981 due to ash % more than 34% in the coal.**
- **Coal Washries are not installed by Thermal Power Stations & WCL Mines.**

# Enforcement Policy/Mechanism

- Uniform integrated enforcement policy for the implementation of various environmental legislations.
- In order to implement various environmental laws in transparent and uniform manner, in 2011, MPCB has decided to adopt uniform mechanism for consent management.
- NGT in the application no. 30 THC/2013 (WZ) has directed MPCB to make public the enforcement policy for the information of all the stake holder MPCB had submitted draft enforcement policy to NGT after placing it on the website of MPCB, calling objection and suggestion from all the stake holder. After receipt of suggestions and objection draft enforcement policy was further submitted to NGT.

- NGT has directed to incorporate the clauses in respect of waste management, waste minimization, waste reduction and recycle with remediation and restoration measures in the enforcement policy. Thereafter MPCB has revised enforcement policy and again submitted to NGT.
- NGT has submitted to issue appropriate gazette notification for the information of all and placed on website of MPCB. MPCB has included uniform mechanism for initiating uniform action in the enforcement policy and placed on the website of MPCB.
- Presently consent management and implementation of various environment laws is being done in conformity with the enforcement mechanism and enforcement policy.
- MPCB is the 1<sup>st</sup> SPCB to frame enforcement policy and notifying it vide gazette notification dated 29<sup>th</sup> February, 2016 for further implementation in India.

# **Present Compliance Status of Coal Based Power Plants in respect of Continuous online stack emission and Action Taken by the Board.**

- Directions to install Continuous online stack emission and CAAQMs to power plants were issued by the Board and to connect it to SPCB server, accordingly all 4 coal based thermal power plants located at Chandrapur have installed. However, during the recent online stack monitoring report in one of the power plant shows that TPM level very high as compared to consented standard therefore Board in one of the consent appraisal committee meeting dated 10/10/2016 has decided to issue Show Cause Notice for refusal of consent to operate and forfeiture of Bank Guarantee.

- As per recent report of online stack emission in respect of Chandrapur Super Thermal Power Station boiler unit – 8 of 21/11/2016 the maximum PM10 was observed 39 mg/Nm<sup>3</sup> and minimum 38 mg/Nm<sup>3</sup> as against consented limit of 50 mg/Nm<sup>3</sup>



**Thank You...**