



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

B-33014/07/2017-18/IPC-II/ 11214

September 21, 2017

To

The Managing Director
Maharashtra State Power Generation Co. Ltd.
PRAKASHGAD
Plot No. G-9, Bandra (East) Mumbai-400 051.

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 to M/s Bhusawal Thermal Power Station, Unit-2 & 3 (BTPS) of Mahagenco.

WHEREAS, Thermal Power Plants are identified as one of the 17 categories of highly polluting industries in the country and have been discharging environmental pollutants directly or indirectly into ambient air and water, which pose constant threat to cause adverse effect on air and water quality; and

WHEREAS, for strengthening monitoring and compliance through self-regulatory mechanism, online emission and effluent monitoring systems need to be installed and operated by the developers and the industries on 'polluter pays principle'; and

WHEREAS, directions under section 5 of the Environment (Protection) Act, were issued on July 21, 2015 to M/s BTPS (Unit-2 & 3) for installation of online emission & effluent monitoring systems for parameters namely PM, SO₂, NO_x & pH, TSS, Temperature, flow and submission of the status; and

WHEREAS, a team from Regional Directorate-West, Vadodara carried out an inspection of M/s BTPS (Unit-2 & 3) on 18.08.2017 to verify the compliance. The team made the following observations:

1. M/s BTPS is operating Unit- 3 without valid consent under Air (Prevention & control of Pollution) Act, 1981, Water (Prevention & control of Pollution) Act, 1974 and Hazardous Waste Authorisation which has expired on 31.08. 2016.
2. Unit- 2 is found non-operational and M/s BTPS reported that Unit- 2 has zero schedule since 19.06.2016. However, MAHAGENCO has decided to decommission this unit, as it has outlived its efficient and economical life.
3. M/s BTPS has installed online monitoring system in Unit- 3 for Particulate Matter (PM) only which was found operational during monitoring. However, M/s BTPS has not installed online monitoring system for SO₂, NO_x parameters in Unit- 3.
4. The concentration of PM during manual monitoring in Units-3 was observed to be 109 mg/Nm³ and 123 mg/Nm³ from Path A & Path B against the prescribed standard of 100 mg/Nm³. Emission from Unit-3 was found non-complying with the prescribed standards.
5. As per online monitoring the average concentration of PM during inspection was 66.16 mg/Nm³ and 111.23 mg/Nm³ respectively from Path A & B. The deviation in concentration of PM during manual and online monitoring was found to be 9.5% & 39% from Path A & B respectively.

M/s Bhusawal Thermal Power Station, Unit-2 & 3, Deep Nagar, Bhusawal

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032
Parivesh Bhawan, East Arjun Nagar, Delhi-110032

दूरभाष/Tel : 43102030 22305792 वेबसाइट/Website : www.cpcb.nic.in

6. The locations of portholes provided for stack monitoring are not satisfactory as per CPCB guidelines for emission regulation part 3.

WHEREAS, Ministry of Environment & Forests, Government of India, vide Notifications No. S. O. 157 (E) of 27.02.1996 and S. O. 730 (E) dated 10.07.2002, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board, to issue directions to any industry or any local body or any other authority for violations of the standards and rules notified under the Environment (Protection) Rules, 1986 and amendment thereof.

NOW, THEREFORE, in exercise of the powers vested under Section 5 of the Environment (Protection) Act, 1986, M/s Bhusawal Thermal Power Station (Unit-2 & 3), Deep Nagar, Bhusawal, Dist. Jalgaon, Maharashtra is hereby directed to ensure compliance of following directions:

1. That BTPS shall close down the operations of Unit -2 & 3 with immediate effect and shall remain closed till renewal of consent to operate from MPCB.
2. That BTPS shall augment the efficiency of ESP connected to Unit- 3 so as to comply with emission limit of 100 mg/Nm³ for particulate matter as per the new emission limits vide notification dated 07.12.2015.
3. That BTPS shall immediately install and establish connectivity of online monitoring system for SO₂, NO_x parameters in Unit- 3.
4. That BTPS shall ensure regular calibration of CEMS and transmission of data to CPCB on regular basis. The unit shall also inform to CPCB immediately whenever CEMS are not in operation either due non-operation of plant or any other reason.
5. That BTPS shall improve stack monitoring facilities as per CPCB guidelines given in Emission Regulation Part 3.

M/s Bhusawal Thermal Power Station of Mahagenco is hereby directed to comply the directions listed at Sr. No. 1-5. Action taken report shall be submitted within 15 days from the date of issue of these directions. In case of failure to comply with the said directions, the Board will be constrained to initiate action as may be deemed necessary and appropriate in the circumstance of the case under the Environment (Protection) Act, 1986 and the National Green Tribunal Act, 2010.


(S.P.S. Parihar)
Chairman
0/c/w/g 22/09/2017

Copy to:

1. The Chairman
Maharashtra Pollution Control Board,
Kalpataru Points, 3rd & 4th Floor
Sion Matunga Scheme Road No. 6
Opp. Cine Planet, Sion Circle, Sion (E)
Mumbai-400 022
2. The District Magistrate
Collector Office, Jalgaon

M/s Bhusawal Thermal Power Station, Unit-2 & 3, Deep Nagar, Bhusawal

3. The Addl. Secretary (CP Division)
Ministry of Environment, Forests and Climate Change
Prithvi Wing, 2nd Floor, Room No. 216
Indira Paryavaran Bhawan
Aliganj, Jor Bagh Road, New Delhi - 110003
4. The Regional Director - West,
Central Pollution Control Board
Bhawan, Opp. VMC Ward Office No. 10
Subhanpura, Vadodara - 390 023
5. The Divisional Head - IT, CPCB
6. The Divisional Head - IPC-VI, CPCB

22/09/17
(A. Sudhakar)
Member Secretary
o/c hary