

BY SPEED POST

B-33014/07/2019/IPC-II/TPP/

February 25, 2019

To

The General Manager/Chief Engineer  
Bhusawal Thermal Power Station (Units-2 & 3)  
Maharashtra State Power Gen. Co. Ltd,  
Deepnagar, Tal: Bhusawal,  
Dist: Jalgaon - 425 307, Maharashtra

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

WHEREAS, the 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 the ambient air and water, which pose constant threat to cause adverse effect on the air and water quality; and

WHEREAS, for strengthening the 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 Bhusawal Thermal Power Station, Unit - 2 & 3 (BTPS) of MahaGenco, Jalgaon, Maharashtra for installation of online emission & effluent monitoring systems for parameters namely PM, SO<sub>2</sub>, NO<sub>x</sub> & pH, TSS, Temperature, flow and submission of the status; and

WHEREAS, in order to verify the compliance and find out the status of online monitoring system, a team from Regional Directorate-West, Vadodara carried out an inspection of M/s BTPS (Unit-2 & 3) on 18.08.2017 and made 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 SO<sub>2</sub>, NO<sub>x</sub> parameters in Unit- 3.
4. The concentration of PM during manual monitoring in Units-3 was observed to be 109 mg/Nm<sup>3</sup> and 123 mg/Nm<sup>3</sup> from Path A & Path B against the prescribed standard

huf

of 100 mg/Nm<sup>3</sup>. 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/Nm<sup>3</sup> and 111.23 mg/Nm<sup>3</sup> 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.
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; and

WHEREAS, based on the observations of the inspecting team from Regional Directorate-West, Vadodara, directions under section 5 of Environment (Protection) Act, 1986 was issued to M/s BTPS (Unit-2 & 3) on 21.09.2017 to ensure compliance of following directions:

1. That M/s 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 M/s BTPS shall augment the efficiency of ESP connected to Unit- 3 so as to comply with emission limit of 100 mg/Nm<sup>3</sup> for particulate matter as per the new emission limits vide notification dated 07.12.2015.
3. That M/s BTPS shall immediately install and establish connectivity of online monitoring system for SO<sub>2</sub>, NO<sub>x</sub> parameters in Unit- 3.
4. That M/s 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 M/s BTPS shall improve stack monitoring facilities as per CPCB guidelines given in Emission Regulation Part 3.

WHEREAS, M/s BTPS (Unit-2 & 3) vide letter dated 20.10.2017 and 16.01.2019 has submitted the status of compliance with respect to the directions issued to Plant vide dated 21.09.2017 and requested to revoke closure direction issued to Units - 3. M/s BTPS (Unit-2 & 3) has also informed that the Unit-2 of Plant has been retired w.e.f. 01.04.2017 and complete overhauling of ESP of Unit-3 was carried out during annual overhauling in year 2018 and the emission level from Unit-3 is now well within prescribed limit.

WHEREAS, a meeting of the three-member committee constituted for examination and recommendation for revocation of closure direction issued by CPCB was held on 14.02.2019 and in view of the above, the committee recommended that the closure direction issued to M/s BTPS (Unit-2 & 3) may be revoked for Unit-3 with the condition that M/s BTPS (Unit-3) shall operate only with valid consent to operate from MPCB.

*1/18*


**NOW, THEREFORE,** in view of the above and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986, closure direction issued on 21.09.2017 to M/s Bhusawal Thermal Power Station, Unit - 3 (BTPS) of MahaGenco, Jalgaon, Maharashtra is hereby revoked with following conditions:

1. M/s BTPS (Unit-3) shall operate only with valid consent to operate from MPCB.
2. M/s BTPS shall submit manual stack emission monitoring report for Unit-3 from the same environmental lab/institute from which it has submitted the earlier compliance report, within a period of 60 days from the issue of the directions.

  
25/9/17  
(SPS Parihar)  
Chairman  


**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, Dist: Jalgaon, Maharashtra
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- IPC-VI, CPCB
6. The Divisional Head- IT, CPCB

  
(A. Sudhakar)  
Member Secretary  
