

SPEED POST

B-33014/07/2018/IPC-II/TPP/

June 08, 2018

To

2468  
The General Manager  
M/s Bongaigaon Thermal Power Project  
NTPC Ltd, Vill: Kunguri, P.O: Salakati  
Dist: Kokrajhar - 788 369, Assam

**Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 to M/s Bongaigaon Thermal Power Project, NTPC Ltd, Kokrajhar, Assam - Show Cause thereof.**

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, in order to verify the compliance and find out the status of online monitoring system, a team from Regional Directorate - North-East, Shillong carried out an inspection of M/s BTTP during May 17 - 18, 2018 and made the following observations:

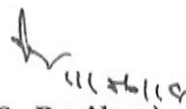

1. **Emission from Unit-2 was found non-complying with the prescribed standards.** The concentration of PM, SO<sub>2</sub> and NO<sub>x</sub> during manual monitoring in Unit- 2 was observed to be 218 mg/Nm<sup>3</sup>, 937 mg/Nm<sup>3</sup>, 668 mg/Nm<sup>3</sup> respectively against standards of 30 mg/Nm<sup>3</sup>, 100 mg/Nm<sup>3</sup> and 100 mg/Nm<sup>3</sup>.
2. **M/s BTTP has not completed the FGD installation in Unit- 1 & 2 and the unit has set a target of March 31, 2019 for FGD installation.** Whereas, as per EC conditions, M/s BTTP shall have installed FGD in both the units since commissioning of Units.
3. M/s BTTP has installed CEMS for PM, SO<sub>2</sub>, NO<sub>x</sub> parameters and connected it with CPCB server. **However, during the inspection SO<sub>2</sub> & NO<sub>x</sub> analysers were found non-operational.** M/s BTTP informed that some spares of SO<sub>2</sub>/NO<sub>x</sub> sensors need replacement which is under process.
4. M/s BTTP has installed OCEMS for effluent in the storm drain in which excess treated water would be released, if the situation arises. The same is connected with CPCB server. **However, the Plant has not installed Flow meter at source of water intake and outlet of ETP to quantify specific water consumption and discharge quantity.** The samples were collected from the storm drain. The results of manual tests were pH: 7.1, TSS: 14 mg/l and O&G: 2 mg/l. The effluent samples were found to be complying with prescribed standards.
5. M/s BTTP is treating only about 10 to 15% of total effluent generated from the Unit-1 & 2 in the ETP. The remaining effluent is being discharged to the surface drain untreated.
6. The consent to operate (CTO) of M/s BTTP under Air and Water Acts, 1981 & 1974 is valid up to 31.03.2019. **M/s BTTP has not obtained Hazardous Waste Authorisation from Assam PCB.** M/s BTTP has not maintained records for disposal of Hazardous Wastes.

WHEREAS, as per the revised plan submitted by the MoP to MoEF&CC vide letter dated 13.10.2017, M/s Bongaigaon Thermal Power Project (BTPP), NTPC Ltd, Kokrajhar, Assam was shown to have installed FGD in its Unit- 1 & 2 to comply with SO<sub>2</sub> emission norms and no timeline has been given for upgradation of ESPs of Unit- 1 & 2 of M/s BTPP, which means that PM emission from both the units was expected to comply with new PM emission limits (30 mg/Nm<sup>3</sup>) notified vide notification dated 07.12.2015;

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.

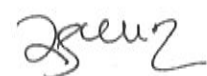
NOW, THEREFORE, in view of the non-compliances mentioned above and in exercise of powers vested under Section 5 of the Environment (Protection) Act, 1986, M/s Bongaigaon Thermal Power Project (BTPP), NTPC Ltd, Kokrajhar, Assam is hereby directed to show cause as to why the plant should not be closed for the shortcomings as highlighted above and environmental compensation be not imposed in respect of these violations.

M/s Bongaigaon Thermal Power Project shall submit its reply to show cause notice and initiate necessary action for compliance of the shortcomings mentioned above within one month from the date of issue of the directions. In case of failure, the Board will be constraint to initiate action as deemed necessary and appropriate in the circumstances under the Environment (Protection) Act, 1986.

  
(S.P.S. Parihar)  
Chairman  


Copy to:

1. The Chairman  
Pollution Control Board- Assam,  
Bamunimaidam, Guwahati - 781 021,  
Assam
2. 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 - 110 003
3. The Regional Director - East,  
Central Pollution Control Board  
"TUM-SIR", Lower Motinagar  
Near Fire Brigade H.Q., Shillong - 793 014
4. The Divisional Head - IT, CPCB
5. The Divisional Head - IPC-VI, CPCB

  
(A. Sudhakar)  
Member Secretary  
