



SPEED POST

B-33014/07/2020/ IPC-II/TPP/ 3894

December 17, 2020

To,

~~The Plant Head,
M/s Jindal India Thermal Power Limited,
Vill. & P.O. Derang, Tehsil: Kaniha,
Dist. Angul - 759 117, Odisha~~

Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 -- Revocation 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, directions under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 were issued on February 05, 2014 to all the State Pollution Control Boards (SPCBs)/ Pollution Control Committees (PCCs) for installation of online emission monitoring systems w.r.t PM, SO₂ & NO_x parameters and online effluent monitoring system for pH, TSS, & Temperature parameters in thermal power plants; and

WHEREAS, M/s Jindal India Thermal Power Limited (JITPL), Derang, Angul, Odisha has installed OCEMS in all the units and provided connectivity to CPCB server; and

WHEREAS, M/s JITPL (Units - 1 & 2) has been directed by CPCB on 11.12.2017 to comply with SO₂ emission norms by March 31, 2021 as per the Revised Schedule/ phasing plan submitted by MoP and NO_x emission norms by December 31, 2022;

WHEREAS, based on the observations of the inspection team from CPCB Regional Directorate, Kolkata during inspection of M/s JITPL on 12.04.2017, a show cause notice cum direction under section 5 of Environment (Protection) Act, 1986 was issued on 07.07.2017 to M/s JITPL to show cause as to why disciplinary /legal actions shall not be taken in respect of non-compliance of prescribed PM emission limit (PM concentration in Unit -1 was found to be 188 and 275 mg/Nm³ from Pass A & B, respectively) and other non-compliance as observed during the inspection. M/s JITPL was also directed to ensure compliance of following directions without further delay:

1. That M/s JITPL shall immediately undertake the work related to augmentation of the efficiency of ESP of Unit - 1 so as to achieve PM emission limit of 50 mg/Nm³,
2. That M/s JITPL shall explain the reasons of deviation in concentration of particulate matter as found during manual monitoring and recorded by online monitors,

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3. That M/s JITPL shall ensure regular calibration of CEMS and transmission of data to CPCB on regular basis. The unit shall also inform immediately whenever CEMS are not in operation either due non-operation of plant or any other reason,
4. That M/s JITPL shall operate all 4 CAAQMS as per protocol,
5. That M/s JITPL shall provide adequate platform for source emission monitoring with proper safeguard,
6. That M/s JITPL shall not discharge effluent outside the premises and achieve zero liquid discharge as stipulated in the consent to operate;
7. That M/s JITPL shall install web camera to ensure zero discharge from ETP, STP.

WHEREAS, vide letter dated 27.07.2017, M/s JITPL submitted following reply to show cause notice cum direction dated 07.07.2017:

- Point 1: Plant has taken shutdown of Unit - 1 and has placed work order for augmentation work of ESP in Unit - 1 to M/s Mechno Services, West Bengal,
- Point 2: The reason of deviation in concentration of PM may be due to position of monitoring stations. The online monitoring system is installed at 80-meter height in the chimney, whereas manual sample was collected from horizontal duct of ID Fan outlet. However, Plant has made suitable arrangement for manual monitoring at 80-meter height in the chimney.
- Point 3: Plant will adhere to the directions.
- Point 4: During the inspection there were some problem in air conditioners (AC) due to which readings of AAQ were showing erratic values. Plant has communicated OSPCB regarding same vide letter dated 12.04.2017. Now all 4 CAAQMS are transmitting online data properly.
- Points 5 - 7: Plant will adhere to the directions.

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.

WHEREAS, in view of the non-compliance of prescribed PM emission limit in Unit - 1 and non-submission of time bound action plan for compliance of other directions, direction under section 5 of Environment (Protection) Act, 1986 was issued on 21.09.2017 to M/s JITPL, Derang, Angul, Odisha to keep closed its Unit - 1 till the completion of augmentation work of ESP for ensuring compliance of emission limit 50 mg/Nm³, and to ensure compliance of other directions within 30 days of issue of the directions.

WHEREAS, M/s JITPL submitted the status of compliance with respect to the above directions vide letters dated 25.10.2017 and 28.12.2018 and submitted final compliance report vide letter dated 09.11.2020 along with adequacy report from a Government Institute (IIT Kharagpur) as an evidence of compliance of prescribed PM emission limit in Unit - 1, and requested to revoke closure direction issued to Unit - 1.

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WHEREAS, a meeting of the three-member committee constituted for examination and recommendation for revocation of closure direction issued by CPCB was held on 23.11.2020 and in view of the above, the committee recommended that the closure direction issued to M/s JITPL (Unit - 1) may be revoked with the conditions that the Plant shall operate with a valid Consent to Operate from OSPCB, and submit manual stack emission monitoring report from the same government institute from which it has submitted the adequacy report of emission control system (i.e. IIT Kharagpur) within a period of 60 days from the issue of the directions.

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 Jindal India Thermal Power Limited (Unit -1), Derang, Angul, Odisha is hereby revoked with the conditions that the Plant shall operate with a valid Consent to Operate from OSPCB, and submit manual stack emission monitoring report from the same government institute from which it has submitted the adequacy report of emission control system (i.e. IIT Kharagpur) within a period of 60 days from the issue of the directions. Further, the Plant shall ensure that, as directed by CPCB on 11.12.2017, SO₂ and NO_x emission norms notified by MoEF&CC on 07.12.2015 are complied with by 31.03.2021 and 31.12.2022, respectively.

o/c
Shiv Das Meena
(Shiv Das Meena)
Chairman
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Copy to:

1. The Chairman,
Odisha State Pollution Control Board
Paribesh Bhawan, A-118, Nilakantha Nagar,
Unit - VIII, **Bhubaneswar - 751 012**,
Odisha
2. The Additional Secretary (CP Division),
Ministry of Environment, Forests and Climate Change,
Prithvi Wing, 2nd Floor, Room No. 216,
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3. The Regional Director
Central Pollution Control Board
Southend Conclave, Block 502, 5th & 6th Floor,
1582, Rajdanga Main Road, **Kolkata - 700 107**
- ✓ 4. The Divisional Head IT, CPCB, Delhi
5. The Divisional Head - IPC-VI, CPCB, Delhi

Prashant Gargava
(Prashant Gargava)
Member Secretary
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