



SPEED POST

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

September 21, 2017

To

~~The General Manager
Kutch Lignite Thermal Power Station
Gujarat State Electricity Co. Ltd.
Vill: Panandhro, Tal: Lakhapat,
Kutch-370 601, Gujarat~~

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Sub: Directions under Section 5 of the Environment (Protection) Act, 1986 to M/s Kutch Lignite Thermal Power Station, Lakhapat, Kutch, Gujarat- Sow 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, directions under section 5 of the Environment (Protection) Act, were issued on July 21, 2015 to M/s Kutch Lignite Thermal Power Station (KLTPS) for installation of Online Continuous Emission & Effluent Monitoring Systems (OCEMS) for parameters namely PM, SO₂, NO_x & pH, TSS, Temperature 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 KLTPS on 17.08.2017 and made the following observations:

1. M/s KLTPS has valid consolidated consent under Air and Water Acts, 1981 & 1974 and Hazardous Waste Authorization with validity up to 25.07.2018.
2. All the units of M/s KLTPS found operational and equipped with ESPs for control of Particulate Matter (PM) emission.
3. Continuous Emission Monitoring Systems are installed in all four units for PM, SO₂, NO_x parameters. However, OCEMS in Unit-1 & 2 was found non-operational for PM due to tube puncture as reported by the plant and in Unit-3 & 4 OCEMS was reported to be not functioning properly since last six months due to some technical issues.
4. The concentrations of PM during manual monitoring from Units-1, Unit-2 and Unit-3 were observed to be 201.5 mg/Nm³, 134.0 mg/Nm³ and 143.7 mg/Nm³ respectively against the prescribed standard of 150 mg/Nm³. Emission from Unit-1 was found non-complying with the prescribed standards.
5. The SO₂ & NO_x analysers were calibrated by M/s Forbes Marshal on 04.01.2017. M/s KLTPS reported that it is undertaking in house calibration and Unit- 1 & 2 were calibrated on 10-07-2017. However, as the analysers of Unit-3 & 4 were not in operation,

M/s Kutch Lignite Thermal Power Station, Lakhapat, Kutch, Gujarat

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Parivesh Bhawan, East Arjun Nagar, Delhi-110032

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

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so the calibration status was not available for the same. M/s KLTPS reported that the plant is in process of procuring new analysers for Unit-3 & 4.


6. M/s KLTPS has not installed & established connectivity of OCEMS for effluent parameters i.e. pH, TSS and Temperature with CPCB server.
7. In Unit- 4 the stack height is 110 meters, M/s KLTPS is in process of providing another stack with increased height of 190 meters.

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 powers vested under Section 5 of the Environment (Protection) Act, 1986, M/s Kutch Lignite Thermal Power Station, GSECL, Lakhapat, Dist. Kutch, Gujarat is directed to show cause as to why your unit should not be closed for the shortcomings as highlighted above. Further, M/s Kutch Lignite Thermal Power Station, GSECL, Lakhapat, Dist. Kutch, Gujarat is directed to immediately initiate necessary action in respect of the following:

1. That M/s KLTPS shall submit an action plan for augmentation of the efficiency of ESP of all units so as to achieve the new emission limits vide notification dated 07.12.2015.
2. That M/s KLTPS shall immediately install & establish connectivity of Effluent Quality Monitoring System with CPCB server for pH, TSS and Temperature parameters as per the CPCB directions.
3. That M/s KLTPS shall expedite the corrective measures w.r.t. OCEMS in Unit-3 & 4 and the process of providing another stack with increased height of 190 meters in Unit- 4.
4. That M/s KLTPS shall ensure continuous data transmission to CPCB server and regular calibration of CEMS. The unit shall also inform to CPCB immediately whenever CEMS or EQMS are not in operation either due non-operation of plant or any other reason.

M/s Kutch Lignite Thermal Power Station, GSECL, Lakhapat, Dist. Kutch, Gujarat shall submit its reply within 15 days from the date of issue of notice. In case of failure, 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.

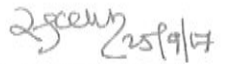

26/09/2017
(S.P.S. Parihar)
Chairman

Copy to:

1. The Chairman
Gujarat Pollution Control Board
Sector 10-A, Gandhi Nagar-382 043
Gujarat

M/s Kutch Lignite Thermal Power Station, Lakhapat, Kutch, Gujarat

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 - 110003
3. The Regional Director - West,
Central Pollution Control Board
Parivesh Bhawan, Opp. VMC Ward Office No. 10
Subhanpura, Vadodara - 390 023
- ✓ 4. The Divisional Head - IT, CPCB
5. The Divisional Head - IPC-VI, CPCB


(A. Sudhakar)
Member Secretary
