

SPEED POST

B-33014/7/2006/PCI-II 13963

November 23, 2017

To

The Chairman  
Gujarat Pollution Control Board  
Paryavaran Bhawan, Sector 10-A,  
Gandhi Nagar- 382 010, Gujarat

**Sub: Directions issued under Section 18(1)(b) of the Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and Control of Pollution) Act, 1974 in case of Power Plant of M/s OPG Power Ltd.**

WHEREAS, amongst others, under Section 17 of the Air (Prevention and Control of Pollution) Act, 1981 one of the functions of the Gujarat Pollution Control Board, constituted under Water (Prevention and Control of Pollution) Act, 1974 is to plan a comprehensive program for prevention, control and abatement of air pollution in Gujarat and to secure the execution thereof.

WHEREAS, thermal power plants fall under the seventeen categories of highly polluting industries for which an action plan was drawn up by the Ministry of Environment and Forests, Government of India and the Central Pollution Control Board in consultation with the State Pollution Control Boards (SPCBs) and the Pollution Control Committees (PCC).

WHEREAS, the CPCB and SPCBs have been pursuing with the air polluting industries to install air pollution control equipment to comply with the emission standards, as notified under the Environment (Protection) Act, 1986 and Rules framed there under.

WHEREAS, in the matter of Sajanhai Rabari Vs SEIA, OA No. 24 of 2017, the Hon'ble National Green Tribunal (NGT), Western Zone Bench, Pune, vide order dated 17.07.2017 directed that Respondent No.2 - CPCB and Respondent No. 3-GPCB to submit a joint Environment Status Report regarding air pollution, noise pollution & damage to the environment and consequent losses in respect of Respondent No. 4 M/s OPG Power Gujarat Project within a month."

WHEREAS, in compliance of the said order, a joint inspection cum monitoring is carried out by a team from Regional Directorate, West, CPCB and Gujarat Pollution Control Board (GPCB) during 03.08.2017 to 04.08.2017 (Inspection Report enclosed). The inspection team made the following salient observations:

1. M/s OPG Power Ltd. has consolidated Consent to Operate and Authorisation under HWM Rules, 2016 (CC&A) valid up to 23.07.2020 for both units of 150 MW each.
2. As per CC&A, M/s OPG Power Ltd. Is to meet emission limit of 50 mg/ Nm<sup>3</sup> for PM, 100 ppm for SO<sub>2</sub> and 50 ppm for NO<sub>x</sub> as compared to revised national norms of 600mg/Nm<sup>3</sup> for SO<sub>2</sub>, 300mg/Nm<sup>3</sup> for NO<sub>x</sub> and 0.03 mg/Nm<sup>3</sup> for mercury to be effective from December 07, 2017 onwards. (Standard for PM in the proposed revised national standard is same i.e. 50 mg/Nm<sup>3</sup>).


3. The SO<sub>2</sub> (1211 & 584 mg/Nm<sup>3</sup>) & PM (79.3 & 100.2 mg/Nm<sup>3</sup>) emission from both the units found to be exceeded the permissible limit (100 ppm or 286 mg/Nm<sup>3</sup> & 50 mg/Nm<sup>3</sup> respectively) prescribed by GPCB in CC&A.
4. Water sprinkling arrangement for dust suppression in coal handling area is observed to be inadequate. Housekeeping and water sprinkling arrangement needs improvement in ash silo area also.
5. The village Bhadreshwar has impact of noise generated from vehicular movement on Gandhidham -Mundra Highway and truck movement to M/s OPG Power Plant from Gandhidham- Mundra Highway to Chaukhanda Mahadev Temple road.
6. The water sample of one of the piezometric well around the ash dyke of power plant contained Fe & Zn concentrations as 3.65 mg/l & 9.13mg/l respectively.
7. Transportation of coal was done by partially covered trucks.

WHEREAS, the joint inspection report was submitted to NGT and NGT heard the matter on 14.11.2017 and ordered CPCB to take necessary action to ensure OCEMS data connectivity.

WHEREAS, the OCEMS connectivity was verified by I.T. Division at CPCB on 15.11.2017 and it was confirmed that the plant has connected its OCEMS to CPCB server.


**NOW, THEREFORE**, in exercise of the powers conferred under Section 18(1) (b) of the Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981, Gujarat Pollution Control Board is hereby, directed to issue necessary directions to M/s OPG Power Ltd. under the appropriate section of the Air Act, 1981 and Water Act, 1974 to ensure compliance of observed shortcomings in a time bound manner.

The action taken report along with the PERT chart should be submitted to Central Pollution Control Board within one month from the date of issue of this direction.

  
 22/11/17  
 (SPS Parihat)  
 Chairman  
 w/f

Copy to

1. Additional Secretary (AKM) 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
2. The Regional Director-West  
Central Pollution Control Board  
Parivesh Bhawan, Opp. VMC Ward Office no. 10  
Subhanpura Vadodara - 390 023
3. The Divisional Head - IT, CPCB, Delhi

  
 (A Sudhakar)  
 Member Secretary