



भारतसरकार/Government of India
विद्युतमंत्रालय/Ministry of Power
केन्द्रीयविद्युतप्राधिकरण/Central Electricity Authority/
तापीयनिष्पादनमूल्यांकनएवंजलवायुपरिवर्तनप्रभाग
Thermal Performance Evaluation & Climate Change Division

No. CEA/Th./TPE&CC/ENV/55/2017/ 320

Date: 06.09.2017

To,
Sh. S.R.Bhat,
Member Secretary,
Southern Regional Power Committee,
No.29, Race Course Cross Road,
Bengaluru- 560009

Subject: Preparation of Phasing Plan for implementation of new Environment Norms for Thermal Power Plants, issued by MoEF&CC- reg.

Reference: SRPC letter dated SRPC/SE-II/2017 dated 5.9.2017

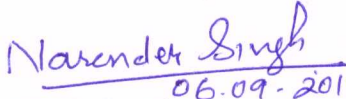
With reference to your letter as mentioned above, the issues raised in the letter are clarified as below:

1. The soft copy (excel file) has already been sent through e-mail on 5.9.2017 to all RPC's which also includes existing phasing plan for installation of FGD and upgradation of ESP. The phasing plan sent through email has been updated based on the inputs received from the various generating companies in this office until 31.8.2017. Units installed between 1.1.2017 to 31.8.2017 have also been included.
2. Phasing out plan of units, which cannot comply with new environmental norms, shall also be discussed.
3. FGD system can also substantially reduce SPM levels due to scrubbing by limestone slurry. However, if any unit want to upgrade ESP to reduce SPM level at FGD inlet as per recommendations of the suppliers, the phasing plan for FGD shall be applicable for ESP upgradation as well.
4. As per data available with CEA, 3100 MW (8 units) are planned for FGD installation during 2023 and no plan is available for 4120 MW (11 Units) for Southern Region.

5. The phasing plan available at CEA website has been updated based on inputs received from State Govts./ PSUs/ IPPs till 31.08.2017.
6. The following Agenda Points may be included for discussions:
 - (a) Phasing plan for implementation of new environmental norms to be restricted to 31.12.2022.
 - (b) Phase out plan for the units, which cannot meet new environmental norms to be discussed.
 - (c) Any missing units in the data furnished by CEA in the total number of units and their implementation plan.
 - (d) The units, which have indicated that the possibility of FGD installation is being explored, may inform their final decision.
 - (e) The units, which have indicated that they are already SOx compliant, may review their stand, as it is unlikely that SOx norms can be met without installation of FGD for the India coal. The units may check the emission levels at the stack through reliable agencies.
 - (f) Units, which have installed CFBC boiler or FGD systems, may confirm that they shall be meeting the new SOx norms.
 - (g) The units, which requires ESP upgradation has been finalized and indicated in the data, based on present SPM emission levels submitted by power utilities. The power utilities may review the list and intimate any more units, which are unlikely to meet new emission norms regarding SPM without ESP upgradation.

The above general agenda points may be taken up at the Special Meeting. The officers of generating companies, POSOCO and SLDC who are nominated to attend the meeting should have mandate from their management to take a suitable decisions at the meeting.

Yours faithfully,


06.09.2017
(Narender Singh)
Chief Engineer

Copy to:

Member Secretary, NRPC/ WRPC/ ERPC for information please.

Chief Engineer, GM (CEA)