

## फैक्स/स्पीड पोस्ट /FAX/SPEEDPOST

भारत सरकार केंद्रीय विद्युत प्राधिकरण दक्षिण क्षेत्रीय विद्युत समिति बेंगलूरु - 560 009	 सत्यमेव जयते	Government of India Central Electricity Authority Southern Regional Power Committee Bengaluru - 560 009	
Web site: www.srpc.kar.nic.in	e-mail: mssrpc-ka@nic.in	Ph: 080-22287205	Fax: 080-22259343
सं/No. SRPC/SE-II/2017/		दिनांक / Date	06.09.2017

To: As per enclosed list

**Sub: Special Meeting on Preparation of Phasing Plan for implementation of new Environmental Norms for Thermal Plants, issued by MOEF&CC – reg.**

Sir/Ma'am

Kindly refer the letter dated 05.09.2017 on the above subject. It is proposed to convene a special meeting in this regard at **10:30 Hrs on 18.09.2017 (Monday) at SRPC, Bengaluru**. Kindly make it convenient to attend the meeting. It may please be ensured that the representative should have mandate of management to take decisions in the meeting.

CEA vide letter No.CEA/Th./TPE&CC/ENV/55/2017/320 dated 06.09.2017 (**copy enclosed**) have suggested the following agenda items for discussions:

- Phasing plan for implementation of new environmental norms to be restricted to 31.12.2022.
- Phase out plan for the units, which cannot meet new environmental norms to be discussed.
- Any missing units in the data furnished by CEA in the total number of units and their implementing plan.
- The units, which have indicated that the possibility of FGD installation is being explored, may inform their final decision.
- 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.
- Units, which have installed CFBC boiler or FGD systems, may confirm that they shall be meeting the new SOx norms.

- The units, which requires ESP upgradation has been finalized and indicated in the data, based on the 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.

धन्यवाद /Thanking you,

भवदीय / Yours faithfully

संलग्न : यथोपरि / Encl: As above

by post

असित सिंह

(असित सिंह / Asit Singh)

अधीक्षक अभियंता / Superintending Engineer

**Copy to with a request to attend the meeting:**

1. Chief Engineer (TPE & CC), CEA, New Delhi
2. Chief Engineer (GM), CEA, New Delhi

**Mailing List for Phasing Plan (with a request to attend the meeting):**

1. Director (Thermal), TSGENCO, Hyderabad
2. Director (Thermal), APGENCO, Vijayawada
3. Technical Director, KPCL, Bengaluru
4. Director (Generation), TANGEDCO, Chennai
5. Regional Executive Director, SRHQ, NTPC, Secunderabad
6. AGM, SRHQ, NTPC, Hyderabad
7. General Manager, NTECL, Vallur
8. Chief General Manager (Thermal), NLC, Neyveli
9. CEO, NTPL, Tuticorin
10. Station Head, UPCL
11. Advisor (Electrical), CEPL, Tuticorin
12. NLC STCMS-TNSLDC to intimate to the generator
13. Ind- Bharath -TNSLDC to intimate to the generator
14. Director (Technical), JSWEL
15. Site Director, Sembcorp, Hyderabad
16. Station Head, IL & FS, Cuddalore, Tamil Nadu
17. Sr. Vice President (Tech), MEL, Hyderabad
18. GM, SEL, Nellore

**Mailing list for LGB requirements (with a request to attend the meeting):**

1. Director (P & GO), TSTRANSCO, Hyderabad
2. Chief Engineer (LD), TSTRANSCO, Hyderabad
3. Director (Grid & Tr. Management), APTRANSCO, Vijayawada
4. Chief Engineer (LD) APTRANSCO, Vijayawada
5. Director (Transmission), KPTCL, Bengaluru
6. Chief Engineer (E), SLDC, KPTCL, Bengaluru
7. Director (Tr. & System Opn.), KSEBL, Thiruvananthapuram
8. Chief Engineer (SO), KSEBL, Kalamassery
9. Director (Operation), TANTRANSCO, Chennai
10. Chief Engineer (O), TANTRANSCO, Chennai
11. GM, SRLDC, Bengaluru



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भारतसर्वकार/Government of India  
विद्युतमंत्रालय/Ministry of Power  
केन्द्रीयविद्युतप्रधिकरण/Central Electricity Authority/  
वापीयनिष्पादनमूल्यांकनएवंजलवायुपरिवर्तनप्रभाग  
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**

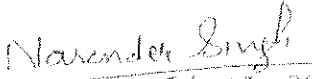
With reference to your letter as mentioned above, the issues raised in the letter are clarified as below:

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)