

No.8/3/2002-Th-II (Vol-I)  
Government of India  
Ministry of Power

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Shram Shakti Bhawan, Rafi Marg,  
New Delhi, dated the 13<sup>th</sup> November, 2009

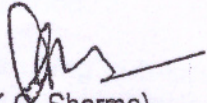
OFFICE MEMORANDUM

Sub: Base paper on accelerating indigenous manufacturing of supercritical units in the country.

The undersigned is directed to refer to the CEA's DO No. CEA/TETD-TT/2009/G-13/716 dated 28.07.2009 on the above subject and to say that the matter has been considered in this Ministry and it has been decided that 13<sup>th</sup> Plan capacity addition will be through supercritical units only.

2. As this effective date for these regulations on efficiency of supercritical units to be installed in the country, would be 01.10.2010. CEA is requested to indicate the same on its website.

3. This issues with the approval of Secretary (Power).

  
(K.C. Sharma)

Under Secretary to the Govt. of India  
Tele Fax: 23719710

Central Electricity Authority  
Shri Rakesh Nath, Chairperson  
Sewa Bhawan, R.K. Puram  
New Delhi





सत्यमेव जयते  
Government of India

No. 5/18/2017-Th.II  
Government of India  
Ministry of Power

Shram Shakti Bhavan, Rafi Marg,  
New Delhi, dated the 1<sup>st</sup> February, 2018

**OFFICE MEMORANDUM**

**Subject: Base paper on accelerating indigenous manufacturing of supercritical units in the country- Review of MoP O.M. dtd. 13.11.2009-regarding.**

The undersigned is directed to say that direction was issued by Ministry of Power vide O.M. No. No.8/3/2002-Th-II(Vol.I) dated 13.11.2009 that the 13<sup>th</sup> plan capacity addition would be through super critical units only and the effective date for these regulations on efficiency of Super Critical units to be installed in the country would be 01.10.2010. However, the State Pollution Control Boards were not informed about the decision and many power plants based on sub-critical technology have either been granted the environment clearances or been issued the Terms of Reference (TOR) in 11<sup>th</sup> & 12<sup>th</sup> plan period.

2. As per information available with CEA, coal based Power Plants using sub-critical technology of around 21381.15 MW are under construction and scheduled to be commissioned in the next 5 years. Expenditure of Rs. 1,16,342 Cr. has already been incurred on such plants. If these plants are denied permission to commission, lenders would be required to write off the loans given to such plants. Further, significant capacity (in phased manner) is likely to remain out of operation during 2019-2022 for up-gradation/installation of FGDs in order to meet the revised environmental norms, which may lead to demand-supply gap during such period.

3. In view of the above, Ministry of Power, in consultation with Central Electricity Authority, has reviewed the matter and it has been decided that in order to avoid demand-supply gap and protect the large amount of investment already made in such sub-critical technology based Thermal Power Plants, the direction issued by the MoP vide O.M. No.8/3/2002-Th-II (Vol.I) dtd. 13.11.2009 that the capacity addition in 13<sup>th</sup> plan and beyond would be through super critical units only, is partially modified, viz., thermal power projects based on sub-critical Technology, which have either been granted "Environmental Clearances" or been issued 'Terms of Reference (TOR)' by the Central/State Govts. and achieved "Zero date/Start date" as defined in CERC Regulations, may be allowed to be commissioned even after the expiry of the 12<sup>th</sup> plan.

4. All other contents of the said O.M. will remain the same.

5. This issues with the approval of Secretary(P).

*Chandan Kumar*  
1/2/18  
(Chandan Kumar)  
Section Officer  
Telefax: 23719710

To,  
The Chairperson, Central Electricity Authority, Sewa Bhawan, B.K. Puram, New Delhi.

Copy to -

The Secretary, MoEF&CC, Prayabaran Bhawan, Jorh Bag, New Delhi