

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.1110
TO BE ANSWERED ON 08.02.2018**

NEW EMISSION NORMS FOR POWER PLANTS

1110. SHRI A.P. JITHENDER REDDY:

**Will the Minister of POWER
be pleased to state:**

- (a) the details of the thermal power plants in the country which are violating the new emission norms laid down by the Ministry of Environment, Forest and Climate Change;**
- (b) the details of the thermal power plants that have started the process of installing the new technology which would abide by the newly laid stricter emission norms; and**
- (c) the details of the mechanism, if any, laid down by his Ministry to check the progress of the thermal power plants retrofitting the new technology?**

A N S W E R

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER AND
NEW & RENEWABLE ENERGY**

(SHRI R. K. SINGH)

(a) to (c) : MoEF&CC notified new environmental norms for Thermal Power Plants on 7th December 2015. To meet the new Suspended Particulate Matter (SPM) norms, retrofitting/replacement of Electrostatic Precipitator (ESP) is required in existing plants. Installation of Flue Gas Desulphurization (FGD) system is required to limit the SO₂ emission and to control the emission of NO_x, Advanced Over Fired Air (OFA) system and low NO_x burners (LNB) could be installed by power plants.

To comply with the new norms without disrupting power supply situation in the country, a phased implementation plan from 2018 to 2022 for installation of Flue Gas De-Sulphurization (FGD) in plants for a capacity of 1,61,402 MW (414 Units) and upgradation of Electrostatic Precipitator in plants for a capacity of 64,525 MW (222 Units) was prepared by Central Electricity Authority (CEA) in consultation with the stakeholders and this plan was submitted to MoEF&CC on 13.10.2017. The Central Pollution Control Board (CPCB) has issued directions to Thermal Power Plants to ensure compliance as per the plan prepared by CEA.

CEA has started monitoring the progress of installing the Pollution Control Equipments in existing/under construction thermal plants for implementation of the revised norms.
