

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:4105
ANSWERED ON:07.08.2014
THERMAL POWER STATIONS
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Will the Minister of POWER be pleased to state:

- (a) whether the Government is taking any steps to make the thermal power stations environmental friendly particularly to reduce air pollution due to smoke etc.;
- (b) if so, the details thereof; and
- (c) if not, the reasons therefor?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, COAL AND NEW & RENEWABLE ENERGY (SHRI PIYUSH GOYAL)

(a) to (c) : Stringent provisions have been notified regarding the use of raw or blended or beneficiated coal vide Notification No. GSR 2 (E) dated 02.01.2014 issued by Ministry of Environment and Forests to reduce air pollution being emitted by thermal power plants. The following steps are being taken to reduce pollution and Carbon Di-oxide emissions:

Coal/lignite based thermal power stations are equipped with high efficiency Electro Static Precipitators (ESPs) to reduce fly ash emissions. Regular monitoring is being carried out at each thermal power station to limit the Suspended Particulate Matter at the stack (chimney) within the norms prescribed by Ministry of Environment, Forest and Climate Change.

Adoption of more efficient supercritical technology for thermal power generation. ? Renovation, modernization and life extension of old thermal power generating units and retirement of old and inefficient thermal generation units.

Introduction of Perform, Achieve & Trade (PAT) scheme under National Mission on Enhanced Energy Efficiency of National Action Plan on Climate Change aimed at efficiency improvement in existing thermal power plants.

All thermal power stations considered for environmental clearance are required to conduct Environment Impact Assessment (EIA) studies for determining the likely environmental impact including the impact on air quality.