

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:4136
ANSWERED ON:21.03.2013
POLLUTION FROM THERMAL POWER PLANTS
Ju Dev Shri Dilip Singh;Sharma Shri Jagdish

Will the Minister of POWER be pleased to state:

- (a) whether the fly ash generated from the thermal power plants is polluting the surrounding environment, affecting the health of people living nearby and damaging the crops in their vicinity;
- (b) if so, the details of such power plants in the country particularly the Koradi, Khaparkheda and Sipat thermal power plants;
- (c) the details of surveys made regarding adverse impact on the environment and health of the people living nearby such power plants along with the remedial measures taken by the such power plants to minimize the impact of fly ash;
- (d) whether the ash back filters/electro static precipitators installed in such power plants are not functioning properly and the managements of the power plants have demanded for providing more such filters to check the pollution therefrom; and
- (e) if so, the details thereof, plant-wise along with the steps being taken by the Government to check the pollution and to provide compensation to the affected people, plant-wise?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF POWER (SHRI JYOTIRADITYA M. SCINDIA)

(a) & (b) Central Electricity Authority (CEA) has informed that Suspended Particulate Matter (SPM) level at Khaperkheda and Sipat, Thermal Power Plants (TPPs) is maintained within the stipulated norm prescribed by Pollution Control Board. However, the SPM level at Koradi TPP is higher than the prescribed norms.

(c) to (e) High Efficiency Electrostatic Precipitator (ESP) are installed at Sipat and Khaperkheda TPP. Koradi TPP has replaced the damaged bag filters with 500 new bag filters in Unit-6 in December, 2012. Koradi TPP has demanded 8000 bags from Mahagenco Headquarters which has supported the proposal for complete replacement of bags. Koradi TPP is maintaining the ESPs, bag filter house, effluent treatment plant and ash water recovery system. Further, Koradi TPP has taken following measures to improve the emission:

(i) Complete replacement of bags (7500 Nos.) in bag filter system of unit 5 is completed in November, 2012.

(ii) Complete replacement of bags (8500 Nos.) for Unit-6 is expected by March, 2013.

(iii) Work for upgradation of Electrostatic Precipitators (ESP) is expected in June, 2013.

(iv) Action Plan for renovation and modernization work to achieve the standard set by Pollution Control Board has been submitted to Maharashtra Pollution Control Board.