

(c) The SWM Rules, 2016 mandate all resident welfare and market associations, gated communities, institutions, hotels, restaurants, vegetable, fruit, flower, meat, poultry and fish market to ensure segregation of waste at source. Further, the Rules prescribe that as far as possible the bio-degradable waste shall be processed, treated and disposed off through composting or bio-methanation within the premises. The gas so generated may be used for cooking or for the production of electricity, heat/light.

**Use of Clean Coal Technology in thermal power generation to  
reduce carbon emission**

210. SHRI SAMBHAJI CHHATRAPATI: Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

(a) whether the country has made any commitment to use Clean Coal Technology for thermal power generation in accordance with Paris Climate Agreement, 2016;

(b) if so, the details thereon;

(c) whether Government has drawn any action plan to introduce Clean Coal Technology to reduce emission from thermal power plants to help check pollution and climate change; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE (DR. MAHESH SHARMA): (a) and (b) India submitted its Intended Nationally Determined Contributions under Paris Agreement on 02nd October 2015. These are economy wide goals and no specific commitment relating to Clean Coal Technology for thermal power generation has been made under Paris Agreement 2015.

(c) and (d) To improve the efficiency of coal based power plants and to reduce its emissions, Government of India has issued policy to replace old & inefficient coal based thermal units with supercritical units. In this regard, a policy has been formulated for automatic transfer of Letter of Assurances (LOA)/Coal linkage (granted to old plants) to new (proposed) super-critical units. Further, all new, large coal-based generating stations have been mandated to use the supercritical technology. Renovation and Modernisation (R&M) and Life Extension (LE) of existing old power stations has also been carried out for improving energy efficiency.