

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

STARRED QUESTION NO:614  
ANSWERED ON:18.05.2012  
USE OF FOSSIL FUELS  
Raghavan Shri M. K.

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

- (a) whether steps are being taken to reduce the use of fossil fuels for power generation in the country particularly in view of global warming and climate change;
- (b) if so, the details thereof;
- (c) whether the Bureau of Energy Efficiency (BEE) has been successful in achieving its objectives of improving energy efficiency in the country; and
- (d) if so, the details of success achieved so far after the setting up of the BEE?

**Answer**

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE)

(a) to (d) : A Statement is laid on the Table of the House.

**STATEMENT**

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO. 614 TO BE ANSWERED IN THE LOK SABHA ON 18.05.2012 REGARDING USE OF FOSSIL FUELS.

- (a): Yes, Madam, a Low Carbon Growth strategy is being adopted to reduce the use of fossil fuel in the growth of power sector.
- (b) : The details of steps being taken to reduce the use of fossil fuel for power generation in the country are as under:
  - (i) Thrust on hydro, nuclear and renewable power capacity addition.
  - (ii) Adoption of more efficient super-critical technology for thermal power generation to enhance the efficiency of coal fired power generation and reduce coal consumption and carbon emissions.
  - (iii) Renovation & Modernization (R&M) and Life Extension (LE) of old generating units inter-alia for improvement of efficiency thereby reducing fossil fuel consumption:
  - (iv) Retirement of inefficient thermal generation units in which R&M is not feasible.
  - (v) Promoting energy efficiency in existing thermal power plants through Perform Achieve and Trade (PAT) scheme under the National Mission on Enhanced Energy Efficiency (NMEEE) for reducing energy consumption in designated fossil fuel fired generating plants.
- (c) & (d) : The Bureau of Energy Efficiency (BEE), established in 2002 under the provisions of Energy Conservation Act, 2001, has been mandated to promote energy efficiency in the country. In order to promote energy efficiency during the 11th Plan period BEE has initiated several programmes/schemes in the following areas:
  - # House-hold lighting (Bachat Lamp Yojana).
  - # Commercial Buildings.
  - # Standards & Labeling of appliances.
  - # Demand Side Management in Agriculture / Municipalities
  - # SMEs.
  - # Capacity Building of State Designated Agencies (SDAs).

# National Mission on Enhanced Energy Efficiency (NMEEE).

The initiatives taken have resulted in an avoided capacity generation of 10,836 MW during April, 2007 to December, 2011 as against the target of 10,000 MW for the 11th Plan.