

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 2861**  
TO BE ANSWERED ON 06.08.2015

**RANKING OF INDIA IN GLOBAL ENERGY**

2861. SHRI M. B. RAJESH:

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether India is ranked very low in global energy efficiency ranking compared to other developing countries and if so, the details thereof along with the reasons therefor;
- (b) whether India is better placed in transportation energy efficiency at the global level and if so, the details thereof; and
- (c) the measures adopted by the Government to enhance energy efficiency?

ANSWER

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

**(a):** No Madam. As per the data published by International Energy Agency (IEA) for the year 2012, energy intensity, i.e. the amount of energy used per unit of Gross Domestic Product (GDP) of India was 0.14 kgoe (kilogram of oil equivalent)/ \$ GDP (at constant 2005 prices) which is better than the world average of 0.16 kgoe. The average energy intensity of developing countries is 0.40 kgoe/\$ GDP (at constant 2005 prices) and of China was 0.22 kgoe/ \$ GDP (at constant 2005 prices).

**(b):** Yes, Madam. The average fuel consumption standards for passenger cars notified by Ministry of Power are at par with International Standards. The emission targets in terms of CO<sub>2</sub> (g/km) for major countries are given below:

Country	Fleet average CO <sub>2</sub> emissions (g/km) target for 2020
European Union	95
United States	121
China	117
Japan	105
<b>India</b>	<b>113 (for 2022)</b>

(c): Ministry of Power, and Bureau of Energy Efficiency (BEE), have initiated the following measures for enhancing the energy efficiency:-

- i. Specific energy consumption norms prescribed for energy intensive industries notified as designated consumers.
- ii. Energy efficiency labeling for 21 appliances.
- iii. Fuel efficiency standard prescribed for passenger cars.
- iv. Energy Conservation Building Codes (ECBC) formulated for energy efficiency improvement in commercial buildings.
- v. Demonstration projects on Demand Side Management (DSM) in Municipal, Household, Agriculture and Small & Medium Enterprises (SME) sectors.
- vi. Enabling investments in energy efficiency projects through a performance linked repayment business model.
- vii. Promotion of energy efficient LED lamps through DSM based Efficient Lighting Programme (DELP) & Street lighting.

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