

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.5300
ANSWERED ON 03.04.2025**

TARGET OF DOUBLING ENERGY EFFICIENCY

5300. SMT. ANITA SUBHADARSHINI:

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

- (a) whether the Government has any plan to achieve the target of doubling energy efficiency by 2030 and if so, the details thereof;**
- (b) the Government's plan to address the challenge of rising cooling demand by ensuring access to sustainable and energy-efficient cooling solutions;**
- (c) the initiatives taken by the Bureau of Energy Efficiency to promote energy efficiency across industries, transport, households and other sectors; and**
- (d) if so, the details thereof?**

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a): The Government has prepared plans across key sectors namely Industry, Buildings (including appliances), Transport and Others/Miscellaneous. By implementing these plans, it is aimed to reduce the energy consumption by 89 Million tonnes of oil equivalent (Mtoe) in 2030 as compared to the scenario in which these interventions are not carried out.

(b): Sustainable cooling acts as a tool to address the growing cooling demand. To balance the growing cooling demand while ensuring the sustainable and energy efficient cooling solutions, two new building codes: the Energy Conservation and Sustainable Building Code (ECSBC) for commercial buildings and the Eco Niwas Samhita (ENS) for residential buildings have been published by the Bureau of Energy Efficiency (BEE) for adoption by States. The Air-conditioners, Ceiling Fans and Refrigerators have been brought under mandatory compliance of Standard and Labelling programme to ensure that energy efficient devices are deployed for cooling purposes.

Additionally, with the overarching goal to address the rising cooling demand, Ministry of Environment, Forest and Climate Change (MoEFCC) launched India Cooling Action Plan (ICAP).

(c) & (d) : Bureau of Energy Efficiency, under the aegis of Ministry of Power has taken several initiatives to promote the energy efficiency in industry, transport and domestic sectors which includes;

- i. Perform, Achieve and Trade scheme to improve energy efficiency in energy-intensive industries. It sets sector-specific energy reduction targets, allowing industries to earn Energy Saving Certificates for exceeding targets, which can be traded on power exchanges. This incentivizes cost-effective energy savings while providing flexibility in compliance.**
- ii. Under the Standards and Labelling programme, the major energy consuming appliances are given star rating from 1 to 5 with 5 star as most efficient appliance. Based on star label, the consumer is encouraged for making informed choice regarding purchase of energy efficient appliances thereby saving electricity consumption.**
- iii. The Energy Conservation and Sustainable Building Code (ECSBC) for commercial buildings and the Eco Niwas Samhita (ENS) for residential buildings have been published for energy savings in building sector. These codes are to be adopted and implemented by the States / local bodies.**
- iv. Corporate Average Fuel Efficiency norms for passenger cars for energy savings in transport sector.**
