

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.6412
TO BE ANSWERED ON 05.04.2018**

ENERGY EFFICIENT BUILDINGS

6412. SHRI VENKATESH BABU T.G.:

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

- (a) whether any proposal is under consideration of the Government to make all existing and future Government as well as commercial buildings in the country energy efficient;**
- (b) if so, the details thereof and the estimated quantity and value of power savings as a result of this proposal; and**
- (c) the time by which the above proposal is likely to be implemented?**

A N S W E R

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER AND
NEW & RENEWABLE ENERGY**

(SHRI R. K. SINGH)

(a) to (c) : Making all buildings, including existing and future Government and Commercial buildings as energy efficient is an ongoing process. Towards this end, the Government of India has taken the following initiatives:-

- (i) Bureau of Energy Efficiency (BEE) has published the Energy Efficient Building Code – 2017 (ECBC-2017) which provides guidelines for design and construction of energy efficient buildings. This code is applicable to commercial buildings having a connected load of 100 kW or above or contract demand of 120 kVA or above. Respective authorities including State Governments and Union Territories have been advised to implement this code.**
- (ii) Government of India has mandated installation of LED based lighting and energy efficient appliances in all Government buildings. This has been taken up for implementation in Central Government buildings across the country through respective Ministries/Departments.**

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- (iii) **The Ministry of Housing and Urban Affairs has released Model Building Bye Laws 2016 (MBBL-2016), which advocates various norms for green buildings including the provisions of making buildings energy efficient. The MBBL has been circulated to all States/UTs for adoption.**

Upto 31st March, 2018, Energy Efficiency Services Limited (EESL), which is a joint venture of PSUs under the Ministry of Power, has completed building energy efficiency projects in 1346 buildings, resulting in energy savings of over 64.97 million kWh and cost savings of Rs. 68.21 crore. In addition, several Ministries/Departments, including their attached/subordinate offices are also getting their buildings converted into energy efficient buildings by retrofitting of LED based lights and energy efficient appliances, through other agencies, like the Central Public Works Department (CPWD) and Military Engineer Services (MES) etc. These efforts will also lead to additional energy and cost savings.
