

**GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:6797
ANSWERED ON:07.05.2015
ENERGY CONSUMPTION BY GREEN BUILDINGS
Hansdak Shri Vijay Kumar

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

- (a) whether the Government is aware of the fact that many green rated buildings once become operational, consume high amounts of energy, if so, the details thereof and the reasons for this contradiction;
- (b) whether the Government proposes to introduce mandatory energy, water audits and other measures to improve the post-construction performance, accountability and transparency of green buildings, so that efficient design translates into efficient performance; and
- (c) if so, the details thereof and if not, the reasons therefor?

Answer

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

(a): The green rated buildings under Green Rating for Integrated Habitat Assessment (GRIHA) rating and star rating of Bureau of Energy Efficiency ensure less energy consumption of buildings.

(b)&(c): The existing rating systems in India have included the stringent and transparent monitoring of actual energy and other resources including water used during building operation. There is no such proposal from the Government to introduce mandatory energy, water audits and other measures to improve the post-construction performance, accountability and transparency of green buildings

The Energy Conservation Building Code (ECBC) introduced by Bureau of Energy Efficiency sets minimum energy performance standards for commercial buildings with a connected load of 100 kWp and above. ECBC is voluntary in nature.