

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

UNSTARRED QUESTION NO:727

ANSWERED ON:25.11.2011

RENEWABLE ENERGY EFFICIENCY PROPOSAL

Shantha J.

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

- (a) whether the Government proposes to make it mandatory for all new Government/Public Sector Undertakings(PSUs) buildings to seek new green rating norms for ensuring energy efficiency and tackling climate change threats;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) whether the said proposal has limited to new buildings or any effort is being made to cover all the old buildings so that the aim of minimizing demand for non-renewable resources and maximizing its utilization is met in all Government buildings;
- (d) if so, the details thereof and if not , the reasons therefor; and
- (e) the steps taken by the Government in this regard?

Answer

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a)&(b): The Ministry of New & Renewable Energy is implementing a programme on Energy Efficient Solar/Green buildings which aims to promote the construction of energy efficient solar/green buildings including a green building rating system-Green Rating for Integrated Habitat Assessment (GRIHA). Further, the Bureau of Energy Efficiency (BEE) has also developed Energy Conservation Building Code (ECBC) for ensuring energy efficiency in buildings. These are voluntary and are not proposed to be mandatory. However, the Committee of Secretaries has recommended for adoption of GRIHA ratings by Government/PSUs buildings.

(c), (d)&(e): The GRIHA Rating System and ECBC are applicable for the construction of new buildings. Under various programmes of the Ministry, installation of renewable energy systems and devices is being promoted in the country in the existing buildings also including buildings in the Government sector. The Ministry is also providing incentives under the Energy Efficient Solar/Green Building Programme towards capacity buildings, awareness etc. for the green buildings.

So far, 91 projects from various Government Departments, Public Sector Undertakings (PSU), and Educational Institutions including All India Institutes of Medical Sciences, with a total 3.4 million square meter built up area have been registered for the construction based on green rating norms for acquiring GRIHA Ratings. In addition, 16 Evaluators & Trainers Workshops for providing training to the Architects, Engineers and Officials from Central & State Governments and PSUs including Central Public Works Department, National Buildings Construction Corporation, National Thermal Power Corporation Ltd. etc. have been organized in the country. About 158 Trainers and 158 Evaluators have been trained through these training workshops who are further promoting green buildings in the country.