

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1440
ANSWERED ON 15.12.2022

RENEWABLE ENERGY PROJECTS

1440. SHRI D.M. KATHIR ANAND
SHRI ANURAG SHARMA

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

- (a) the details of renewable energy projects proposed and executed during the last five years in buildings of both the Union Government and the State Governments' Private institutions across the country;
- (b) whether the Government proposes to approve such new renewable energy projects to make it mandatory for the Government/Private sectors;
- (c) if so, the details thereof;
- (d) whether the Government has conducted any studies to find out the impact of efficient and cost effective solar photovoltaic modules and wind stream technologies in generation of renewable energy in the country; and
- (e) if so, the details thereof along with the details of studies conducted and projects implemented annually during the said period, year and State/UT-wise?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER
(SHRI R.K. SINGH)

(a) Among renewable energy projects, normally rooftop solar is installed in the buildings. During last five years and current financial year till 30.11.2022, around 6.64 GW of grid connected rooftop solar plants have been reported installed in the country on buildings/premises of various categories of consumers including Union and the State Governments, private institutions, commercial, industrial, social, residential, etc.

(b) & (c) Ministry of New and Renewable Energy has requested various Central Government Ministries, States and Union Territories to issue necessary directives to all departments and institutions to install rooftop solar plants in their buildings.

So far, four states/UT including Haryana, Chandigarh, Chhattisgarh and Uttar Pradesh have issued notification mandating installation of rooftop solar plant for buildings above certain plot area /connected load. In addition, Delhi and Jharkhand have included provision for mandatory solar installation in their rooftop solar policy.

(d) & (e) While no specific studies have been carried out by the Government to find out the impact of efficient, cost-effective solar PV modules and connected technologies, Government has prescribed quality standards for solar modules being utilized in production of solar power, and for wind equipment. Further, continuous efforts are being made for development of more efficient and cost effective solar and wind turbines through R&D.
