

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

UNSTARRED QUESTION NO:4010

ANSWERED ON:13.08.2015

Green Energy

Raju Shri Gokaraju Ganga;Rao Shri Konakalla Narayana

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

- (a) the details of measures taken by the Government to propagate/create awareness about Green Energy;
- (b) whether it is true that the generation of renewable energy in our country is not growing fast enough, if so, the details thereof and the reasons therefor;
- (c) whether the Government has set a target of 165 gigawatts of new renewable energy capacity by 2022 and if so, the details thereof to achieve this target;
- (d) whether the Government proposes/has issued Climate Bonds to finance the programme, if so, the details thereof along with the capital required to meet the target of new and renewable energy capacity; and
- (e) the other steps taken by the Government to ensure adequately financing the programme?

Answer

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

- (a): The major initiatives taken by the Government to propagate/create awareness about renewable energy includes the following:
- (i) Publication of bi-monthly newsletter "AkshayUrja" both in English and Hindi separately, with a focus on national/international renewable energy developments, technological developments, manufacturer's details, renewable energy education, etc.
 - (ii) Release of thematic advertisements on various sources of renewable energy in Hindi, English and Regional language newspapers.
 - (iii) The production and telecast of TV episodes on renewable energy by Doordarshan on weekly basis on DD Primary channel and DD National channel during the year.
 - (iv) Providing financial support for various district/State-level exhibitions in different States/Union Territories of the country displaying renewable energy systems, devices, working models in Hindi, English and regional languages.
 - (v) State Nodal Agencies (SNAs) are provided central financial assistance for taking up various publicity activities like exhibitions, advertisements, orientation camps and outdoor publicity through hoardings, bus back panels, kiosks wall paintings and bus stop shelters in their regional languages.
 - (vi) Publicity on Renewable Energy through on screen digital cinema advertising through Directorate of Advertising & Visual Publicity.
 - (vii) To inculcate the awareness about renewable energy amongst visitors, Ministry participated in IITF-2014 with theme of "Women Entrepreneurship".

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- (viii) Radio sponsored programme of 15 minutes duration on renewable energy through NFDC in Hindi and regional languages.
- (ix) As a follow up to the "Make in India" initiative, to showcase India's renewable energy potential globally, the Ministry of New and Renewable Energy (MNRE) in partnership with Indian Renewable Energy Development Agency Limited (IREDA), the Confederation of Indian Industry (CII) and the Federation of Indian Chambers of Commerce and Industry (FICCI) organized the Global Renewable Energy Investment Promotion Meet (REINVEST) in February, 2015

(b): Grid-connected Renewable energy installed capacity has witnessed an average growth rate of 22% during the last five years, i.e. it grew from about 16817 MW, as on 31.3.2010 to 35777 MW as on 31.3.2015. During this period, installed capacity of solar energy increased at an average annual rate of 72.4%, for wind, biomass and small hydro power it increased at the rate of 19.7%, 20% and 9.6% respectively.

(c): Ministry of New and Renewable Energy (MNRE) has up-scaled the targets for generation of 175 GW power capacity from various renewable energy sources by the year 2022. This includes 100 GW from solar, 60 GW from wind, 10 GW from bio-power and 5 GW from small hydro power.

(d): The Government has given an approval for issuance of tax free infrastructure bonds of Rs 5000 crore for funding renewable energy projects/ programmes during the FY 2015-16 through Central Public Sector Undertakings (PSUs) namely Indian Renewable Energy Development Agency (IREDA), Power Finance Corporation Limited (PFCL), Rural Electrification Corporation Limited (RECL) and National Thermal Power Corporation (NTPC).

(e): The major initiatives taken/planned by the Government to mobilize adequate financing for renewable energy projects, inter alia, include financing majority of renewable energy projects through National Clean Energy Fund as per its norms, extending new lines of credit to Indian Renewable Energy Development Agency to enable it enhance its concessional loan to RE projects, mobilizing project

based concessional loans through multi-lateral and bi-lateral agencies i.e. World Bank, Asian Development Bank, KfW - Germany; inclusion of Renewable Energy Projects in Priority Sector Lending of Banks; and approval for issuance of tax free infrastructure bonds for funding renewable energy projects during the FY 2015-16. Besides, MNRE organized a Global Renewable Energy Investment Promotion Meet (REINVEST) in February, 2015 wherein commitment from Power Producers, manufacturers and financial institutions were received for investments in the solar energy, wind energy, small hydro and bio energy sectors.
