

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

UNSTARRED QUESTION NO:2323

ANSWERED ON:24.07.2014

RENEWABLE ENERGY PROJECTS

Biju Shri Parayamparanbil Kuttappan;Dubey Shri Nishikant ;Kateel Shri Nalin Kumar;Mahato Shri Bidyut Baran

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

- (a) the percentage share/net contribution of renewable energy to the total power generation during the last three years, State-wise, source-wise and year-wise;
- (b) the details of capacity addition done during the Eleventh and Twelfth Five Year Plan periods to the renewable source of power generation, State-wise and source-wise;
- (c) the details of the country's total renewable energy potential/capacity generation, State-wise and source-wise;
- (d) the steps taken/being taken by the Government to encourage the use of clean forms of renewable energy, source-wise;
- (e) whether the Government proposes to increase allocation of funds to renewable energy sources in comparison to the last year, if so, the details thereof;
- (f) whether a large portion of funds allocated in the previous years have not been utilized and the capacity expansions is very low and falling behind the targets, if so, the details thereof;
- (g) whether the Government has made any changes in the policy with regard to financial assistance being for various new and renewable energy projects; and
- (h) if so, the details thereof and the reasons therefor?

Answer

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

- (a): The contribution in the installed capacity from various renewable energy sources during the last three years was 4942.61 megawatts, 3163.33 megawatts and 3618.81 megawatts respectively. State, source and year-wise detail are given in Annexure-I.
- (b): The details of state, year and source-wise grid interactive renewable power during 11th Plan is given in Annexure-II. The details of the first 2 years of the 12th Plan is given in Annexure-I.
- (c): A potential of about 2,45,000 MW power generation has been estimated from various renewable energy sources in the country. This includes over 1,00,000 MW each from Wind and Solar Energy, 20,000 MW from Small Hydro Power and balance 25,000 MW from Bio-energy sources. State-wise & source-wise details of potential are given in Annexure-III.
- (d): The Ministry of New and Renewable Energy is implementing programmes for promoting and harnessing various renewable energy sources. These programmes provide for various fiscal and financial incentives, such as capital/interest subsidy, generation based incentives, accelerated depreciation, concessional excise and customs duties. The other steps to promote renewable energy include: setting up of demonstration projects, preferential tariff for purchase of power generated from renewable sources, resource assessment, development of power evacuation and testing facilities, introduction of Renewable Energy Certificates and Renewable Purchase Obligation, etc. Indian Renewable Energy Development Agency, a Central Public Sector Enterprise under this Ministry, also provides soft term loan for promotion of renewable energy projects.
- (e): In the Union Budget of India for 2014-15 an additional amount of Rs 1,000 crore has been proposed for the promotion of renewable energy in the country.
- (f): No, Madam. Over 93% of funds in respect of Revised Estimate have been utilized by the Ministry during the last three years. The details of Target & Achievements made are given below:

Year	Target	Achievement
2011-12	3435	4942.59
2012-13	4125	3163.35
2013-14	4325	3618.79

(g)&(h): The Ministry has made some changes in the policy with regard to financial assistance for solar energy, bio-energy and small hydro power projects in June 2014. The details of Central Financial Assistance presently being provided under various programme is given in Annexure-IV.