

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

UNSTARRED QUESTION NO:3323
ANSWERED ON:30.08.2013
TRANSMISSION SYSTEM OF RENEWABLE ENERGY
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Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) the steps taken by the Government for strengthening the transmission system for the power generated from the renewable sources of energy;
- (b) the details of the cost involved and the sources from where financial resources are likely to be tapped and the States likely to benefit from the transmission system; and
- (c) the existing power generation through renewable sources and the details of plan drawn up for capacity addition during the 12th Plan Period?

Answer

MINISTER FOR NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(a)&(b): Under an assignment from the Ministry of New and Renewable Energy the Power Grid Cooperation of India Ltd. (PGCIL) has prepared a report for transmission infrastructure development for the likely renewable power capacity addition during 12th Five Year Plan period. It estimates that the cost of transmission system strengthening both at Intra-state and Inter- state level would be around Rs. 40,000 crore. The likely sources of funding will be States contribution, NCEF grants, and soft loans. In this context Joint Declaration of Intent was signed on 11 April 2013 between the Federal Ministry for Economic Cooperation and Development of the Federal Republic of Germany and the Ministry of New and Renewable Energy (MNRE) of the Republic of India on Indo-German Development Cooperation regarding the establishment of Green Energy Corridors. Initially a concessional loan of upto Euro 1 billion, over the next six years, from KfW, Germany was proposed for augmenting and strengthening power transmission infrastructure for evacuation of renewable power in the renewable resource rich States of Andhra Pradesh, Gujarat, Himachal Pradesh, Karnataka, Maharashtra, Rajasthan, Tamil Nadu and also Jammu & Kashmir. There is also a proposal for technical assistance from GIZ, Germany for forecasting, balancing, market design and network management in connection with grid integration of renewable power.

(c): As on 31 July 2013 cumulative renewable power installed capacity, excluding hydro above 25 MW was 28.9 GW. In the 12th Five Year plan period (2012-17) an additional 30 GW installed capacity of renewable power is planned.