

- (v) Generation Based Incentive and facility for bundled power for Grid connected Solar Power Projects through various interventions announced from time to time.
- (vi) Awareness programmes such as exhibitions, training workshops etc. are being conducted.
- (vii) Several R&D efforts have been initiated for new technologies and improvement in efficiency.

**Making new and renewable energy grid interactive**

557. DR R. LAKSHMANAN: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether Government has undertaken any study to make the new and renewable energy more grid interactive;
- (b) if so, the details thereof; and
- (c) if not, the reasons therefor?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI PIYUSH GOYAL): (a) Yes, Sir.

(b) In December, 2011 the Ministry of New and Renewable Energy requested the Power Grid Corporation of India Ltd. (PGCIL) to undertake a study on transmission infrastructure development for the likely renewable power capacity addition during the Twelfth Five Year Plan period in eight renewable resource rich States namely Andhra Pradesh, Gujarat, Himachal Pradesh, Karnataka, Maharashtra, Rajasthan, Tamil Nadu and Jammu and Kashmir.

The PGCIL study report entitled “Green Energy Corridor” was released in September, 2012. It identified intra-State and inter-State transmission systems with locations and voltage levels, and also investment requirement for the same. In addition, it suggested establishment of Renewable Energy Management Centres (REMCs) to serve as single source information repository and coordination point.

- (c) Does not arise.

**Exploration of offshore wind farms**

558. SHRI BAISHNAB PARIDA: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether India proposes to explore offshore wind farms to meet its demand in power sector;