

- (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;

(b) if so, the details thereof;

(c) whether Indian companies are facing certain difficulties and hurdles to develop such wind farms in the country;

(d) whether land acquisition and environmental clearance are the major hurdles coming in the way of developing this sector in the country; and

(e) if so, the details thereof along with the action plan to address these issues on a fast-footing?

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

(b) The Offshore Wind Energy Steering Committee (OWESC) under the chairmanship of Secretary, MNRE and its sub-committee held several meetings to deliberate on various aspects of offshore wind energy development in the country. As a result, the Draft National Offshore Wind Energy Policy was prepared and placed on the Ministry's website inviting comments and suggestions of stakeholders. After incorporating the comments a Cabinet Note on National Offshore Wind Energy Policy has been prepared.

(c) Does not arise.

(d) and (e) Does not arise.

Policy on bio-gas plants

559. SHRI AVINASH RAI KHANNA: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) what is Government's policy to promote bio-gas plants;

(b) whether Government would consider the proposal to promote bio-gas plants at gaushalas by giving them technical advice and subsidy and 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) The Ministry of New and Renewable Energy is promoting setting up of bio-gas plants under three Central Sector Schemes as given below: