

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

UNSTARRED QUESTION NO:6139

ANSWERED ON:30.04.2015

RENEWABLE POWER TRANSMISSION INFRASTRUCTURE

Adsul Shri Anandrao ;Jaunpuria Shri Sukhbir Singh;Patil Shri Shivaji Adhalrao;Yeddyurappa Shri B. S.

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

- (a) whether utilization of variable renewable energy requires a robust transmission infrastructure from remotely located power generating plants to the load centres;
- (b) if so, whether a recent study conducted by the Power Grid Corporation Limited has identified the requirement for strengthening of both intra-State and inter-State transmission system for facilitating transfer of renewable energy;
- (c) if so, the steps taken by the Government in this regard;
- (d) whether huge investment is required for creating renewable power transmission infrastructure capacity addition plans for the Twelfth Five Year Plan; and
- (e) if so, the details thereof?

Answer

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

(a),(b)&(c): Yes, Madam. A Green Energy Corridor project for evacuation of renewable energy from generation points to the load centres by creating intra-state and inter-state transmission infrastructure is under implementation in renewable resource rich states for the likely renewable power capacity addition during 12th Five Year Plan period, i.e., by March 2017. The intra-state transmission component of the project is being implemented by the respective states and the Power Grid Corporation of India (PGCIL) is implementing inter-state transmission component.

(d)&(e): Investment requirement for creating inter-state and intra-state transmission system in the renewable resource rich states of Andhra Pradesh, Gujarat, Himachal Pradesh, Karnataka, Madhya Pradesh, Maharashtra, Rajasthan and Tamil Nadu has been estimated at around Rs 21,300 crore.