

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 2374
ANSWERED ON 21.03.2023

SOLAR PROJECTS IN LADAKH

2374. SMT. PRIYANKA CHATURVEDI

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

- (a) the locations of the solar panel installations, and total land required for the same in Ladakh;
- (b) precise route(s) of the transmission and evacuation installations, and total land required therefor;
- (c) whether any environmental, wildlife, and social impact assessments have been done, or will be required for the above projects; and
- (d) whether clearances of the State Wildlife Board, and the National Wildlife Authority, have been obtained or will be sought for these projects?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) to (d) Hybrid Renewable Energy (RE) Park of total 13 GW capacity planned across Pang, Debring and Kharnak areas of Ladakh includes Solar, Wind and Battery Energy Storage System. The total land requirement is estimated that around 250 sq.km.

In addition, capacity of about 60 MW is expected at Phey, Leh.

As reported by Power Grid corporation of India (PGCIL), for the power evacuation and grid integration of the above mentioned RE Park, HVDC based Inter-State Transmission System (ISTS) line of an estimated length of 713 km would be needed from Pang (Ladakh) to Kaithal (Haryana), passing through the States of Himachal Pradesh and Punjab. The land requirement for setting up HVDC terminal stations at Pang (Leh) & Kaithal (Haryana) is estimated at around 300 acres and 200 acres respectively.

The power transmission projects including substations do not require prior environmental clearance under the Environment Impact Assessment (EIA) Notification of 2006. However, environmental and social screening has been done during preparation of Detailed Project Report. As per preliminary route survey of transmission lines, no protected areas are involved, therefore, State Wildlife and National Wildlife authority clearances are not envisaged at this stage.
