

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO-2297
TO BE ANSWERED ON-08.03.2018
TAPPING OF SOLAR ENERGY

2297. SHRI RAM TAHAL CHOUDHARY:

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

- (a) whether there is huge potential to tap solar energy from the areas located in Ranchi district of Jharkhand;
- (b) if so, the details thereof;
- (c) whether the Union Government has conducted any survey in this regard;
- (d) if so, the results thereof; and
- (e) the strategy formulated and implemented in this district by the Union Government based on the said results?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER (I/C)
(SHRI R.K. SINGH)

- (a) and (b) The Government of Jharkhand has reported that Ranchi is located at Chota Nagpur plateau at an altitude of 650 m with clear sky and good solar radiation. On an average, the city witnesses more than 300 clear sky days with solar insolation between 4.5 to 5.5 kwh/m²/day. These parameters make Ranchi a good destination with huge potential to tap solar energy.
- (c) and (d) The National Institute of Solar Energy (NISE), an autonomous organisation under the aegis of this Ministry, has conducted survey on the basis of land availability in different states. A solar energy potential of 18.18 GWp has been estimated in the State of Jharkhand.
- (e) The Union Government has launched various schemes for promotion of solar energy in the country including the state of Jharkhand. It is upto the state Government to seek Central Financial Assistance (CFA) in accordance with respective scheme guidelines and availability of financial resources. States Government of Jharkhand has reported that it has notified Jharkhand Solar Power Policy, 2015. As per the policy, a target of 2650 MW of solar energy has been fixed by 2020.
