

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
STARRED QUESTION NO-372
TO BE ANSWERED ON-18.07.2019

POWER PRODUCTION THROUGH ENERGY SOURCES

*372. SHRI PINAKI MISHRA

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

- (a) whether the Government is confident of meeting its target of producing 175 GW power from new and renewable energy sources by the year 2022;
- (b) if so, the details thereof and the estimated share of the power to be produced through solar, wind, bio-power and small hydro-power projects;
- (c) whether the Government has taken care of the land acquisition issues and grid bottlenecks which may cause delay in achieving the target by 2022; and
- (d) if so, the details thereof?

ANSWER

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

(a) to (d) A statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION

No. 372 for ANSWER on 18/7/2019

(a) : Yes Sir. As on 30th June, 2019, a cumulative Renewable Energy capacity of 80.46 GW stood installed in the country as against the target of 175 GW by 2022. Besides on that date, renewable energy projects of 26.62 GW capacity were under various stages of implementation and 43.84 GW capacity under various stages of bidding. The Government is confident of meeting the target of installing 175 GW of renewable energy capacity by 2022.

(b): As per National Electricity Plan 2018 prepared by the Central Electricity Authority (CEA), approximately 479 GW of total electricity generation capacity is estimated to be installed by the year 2022, including 175 GW from renewable energy sources which would be around 36.5% of the total installed capacity in 2022. Of this, solar will be 100 GW (20.87%), wind 60 GW (12.51%), biomass 10 GW (2.08%) and small hydro power 5 GW (1.04%).

(c) & (d): The Government holds discussion from time to time with various state government authorities for identifying government and private land for purpose of setting up renewable energy power projects. A detailed transmission plan for evacuation of 66.5 GW of renewable energy power has been prepared and under implementation which is required to meet the targeted capacity.