

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 877**  
ANSWERED ON 07/12/2023

**SOLAR POWER CAPACITY**

877. SHRIMATI QUEEN OJA

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

- (a) whether there is any change in total solar as well as other renewable energy capacity of the country from 2013-14 to till date, if so, the details thereof and if not, the reasons therefor; and
- (b) whether the Government proposes to use the barren land to establish solar power system and if so, the details thereof, State-wise?

**ANSWER**

**THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER**

**(SHRI R.K. SINGH)**

(a) The renewable energy installed capacity (including solar energy) has increased from 81.82 GW as on 31.03.2015 to 178.98 GW as on 31.10.2023. The sector wise details are given at Annexure -I.

(b) Land is under the purview of respective State Governments, and State Governments provide land as per their policies.

However, the Solar Park scheme of Ministry encourages use of waste/non-agricultural land for development of Solar Parks.

Further, solar power projects can be installed on barren, fallow, pastureland, marshland of farmers under Component A of PM-KUSUM scheme.

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**ANNEXURE-I REFERRED TO IN REPLY TO PART (a) OF LOK SABHA  
UNSTRARRED QUESTION NO. 877 FOR 07.12.2023**

Installed Renewable Energy Capacity (MW) (Excluding Large Hydro Power)

Sector	Cumulative Achievements (till 31.03.2014)	Cumulative Achievements (as on 31.10.2023)
Wind Power	21042.58	44292.38
Solar Power	2821.91	72018.04
Small Hydro Power	3803.68	4986.75
Biomass (Bagasse) Cogeneration	7419.23	9433.56
Biomass (Non-bagasse) Cogeneration	531.82	828.25
Waste to Power	90.58	249.74
Waste to Energy (Off-grid)	139.79	323.72
Total	35849.59	132132.44