

**GOVERNMENT OF INDIA  
MINISTRY OF RAILWAYS**

**LOK SABHA  
UNSTARRED QUESTION NO. 599  
TO BE ANSWERED ON 16.09.2020**

**SOLAR AND WIND POWER SYSTEM**

**599. SHRI E.T. MOHAMMED BASHEER:**

**Will the Minister of RAILWAYS be pleased to state:**

- (a) the steps taken by the Government to implement the solar and wind power system in Indian Railways; and**
- (b) the target envisaged for the same and the estimated cost, Zone wise?**

**ANSWER**

**MINISTER OF RAILWAYS AND COMMERCE & INDUSTRY**

**(SHRI PIYUSH GOYAL)**

**(a) and (b): Steps taken by the Government to implement Solar Power plants and Wind power plants on Indian Railways (IR), inter-alia, are as follows:**

- 1. 102.8 Mega Watt (MW) rooftop solar plants commissioned.**
- 2. 4.7 MW land based solar plants commissioned.**
- 3. Land based solar power plant of 50 MW at Bhilai (Chhattisgarh) and 2 MW at Diwana (Haryana) are under execution. The plant at Diwana will be commissioned in September, 2020.**
- 4. To further proliferate solar plants, IR plans to install solar plants of 20 GW capacity by 2030 by utilizing its vacant land. In this regard, to begin with, bids for 3 GW solar plants on vacant railway land parcels and land parcels along the railway track have already been invited. IR plans to provide these solar plants by March, 2023.**
- 5. 103.4 MW of Wind Mill Plants have been commissioned.**

**Most of the works are being done on Developer mode by private partners, in which Railways do not have to incur capital expenditure.**