

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 2714
ANSWERED ON 11/12/2024

INSTALLING SOLAR PANELS ON RAIL LINES

2714. SHRI DAROGA PRASAD SAROJ
SHRI SANJAY HARIBHAU JADHAV
SHRI OMPRAKASH BHUPALSINH *ALIAS* PAVAN RAJENIMBALKAR

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

- (a) whether the Government proposes to generate power by installing solar panels on both sides of the railway lines and if so, the details thereof;
- (b) the details of windmill and solar energy installed in Azamgarh district under Lalganj Parliamentary constituency of Uttar Pradesh, Parbhani and Osmanabad Parliamentary Constituencies during the last five years;
- (c) the decision taken by the Government to implement hybrid energy projects (windmills and solar energy) to generate renewable energy in Uttar Pradesh, Maharashtra including Marathwada region;
- (d) the cost incurred under the said project in Uttar Pradesh including Azamgarh district and Marathwada region including Parbhani and Osmanabad districts; and
- (e) whether the local people have got employment through the said scheme and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

- (a) So far, Indian Railways has already set up about 3.7 MW of solar power plants on land along the railway tracks. Further, proliferation of solar plants on land along the tracks is an ongoing process and will be taken up based on feasibility and viability.
- (b) As per the inputs from Uttar Pradesh New & Renewable Energy Development Agency for Azamgarh district under Lalganj Parliamentary Constituency of Uttar Pradesh and inputs from Maharashtra Energy Development Agency for Parbhani and Osmanabad Parliamentary Constituency of Maharashtra, the details of the windmills and solar energy installed during the last five years are as below:
 - 1. Azamgarh district under Lalganj Parliamentary Constituency:
Solar: 3038.5 MW
Wind mill: Nil
 - 2. Parbhani Parliamentary constituency:
Solar: 262.15 MW
Wind mill: Nil
 - 3. Osmanabad Parliamentary Constituency:
Solar: 50.69 MW
Wind mill: 344.2 MW

(c) As per the inputs from Uttar Pradesh New & Renewable Energy Development Agency, in absence of any Wind Energy Potential in Uttar Pradesh, no hybrid energy projects have been installed. Further, in the case of Maharashtra, Maharashtra Renewable Energy Policy 2020 gives preference for development of hybrid projects.

(d) The projects are generally implemented by private developers/individuals with their own investment.

(e) Generally, the development of Solar and Wind projects lead to creation of job during both construction and operation period of the project.

As per the inputs from Maharashtra Energy Development Agency, around 1252 number of jobs may have been created in the implementation of 312.84 MW capacity solar projects and around 689 number of jobs may have been created in the implementation of 344.2 MW capacity wind projects in Parbhani and Osmanabad Constituency of Maharashtra. However, there is no information available about employment in Azamgarh district under Lalganj Parliamentary Constituency of Uttar Pradesh.
