

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 945
ANSWERED ON 30/07/2024

SOLAR PROJECTS IN MADHYA PRADESH

945. MS. KAVITA PATIDAR

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

- (a) the number of solar projects currently operational in the country;
- (b) the steps taken and being taken to promote it in the State of Madhya Pradesh; and
- (c) the details of the benefits accruing to the State from these projects, district-wise?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

- (a) As of 30.06.2024, a cumulative solar capacity of 85.47 GW has been installed in the country.
- (b) The Government have taken several steps to promote solar energy, in the country including Madhya Pradesh. The details of major steps taken are given at **Annexure-I**.
- (c) Solar projects with an aggregate capacity of 3589.297 MW have been installed in various districts of Madhya Pradesh. The details are given at **Annexure II**.

These projects provide several benefits, including electricity generation, direct and indirect local employment, etc.

**ANNEXURE-I REFERRED TO IN REPLY TO PART (b) OF RAJYA SABHA
UNSTARRED QUESTION NO. 945 FOR 30.07.2024**

**MAJOR STEPS TAKEN TO PROMOTE SOLAR ENERGY IN THE COUNTRY
INCLUDING MADHYA PRADESH**

- Notification of trajectory for RE power bids of 50 GW/annum to be issued by Renewable Energy Implementation Agencies (REIAs: SECI, NTPC, NHPC, SJVN) from FY 2023-24 to FY 2027-28.
- Foreign Direct Investment (FDI) permitted up to 100 percent under the automatic route.
- Waiver of Inter State Transmission System (ISTS) charges for inter-state sale of solar and wind power for projects to be commissioned by 30th June 2025, for Green Hydrogen Projects till December 2030 and for offshore wind projects till December 2032.
- To boost RE consumption, Renewable Purchase Obligation (RPO) trajectory has been announced till 2029-30 including separate RPO for Decentralized Renewable Energy.
- Project Development Cell for attracting and facilitating investments has been set up.
- Standard Bidding Guidelines for tariff based competitive bidding process for procurement of Power from Grid Connected Solar, Wind and Wind-Solar Projects have been issued.
- Schemes such as Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM), PM Surya Ghar Muft Bijli Yojana, National Programme on High Efficiency Solar PV Modules, National Green Hydrogen Mission, Development of 1 GW Offshore Wind Energy Projects, etc.
- Setting up of Ultra Mega Renewable Energy Parks to provide land and transmission to RE developers for installation of RE projects at large scale.
- Laying of new transmission lines and creating new sub-station capacity under the Green Energy Corridor Scheme for evacuation of renewable power.
- Electricity (Rights of Consumers) Rules, 2020 has been issued for net-metering up to five hundred Kilowatt or up to the electrical sanctioned load, whichever is lower.
- Procedure for Uniform Renewable Energy Tariff (URET) has been issued.
- Standard & Labelling (S&L) programs for Solar Photovoltaic modules and Grid-connected Solar Inverters have been launched.
- To augment transmission infrastructure needed for steep RE trajectory, transmission plan has been prepared till 2030.
- Notification of “The Electricity (Late Payment Surcharge and related matters) Rules (LPS rules) issued.
- Notification of Promoting Renewable Energy through Green Energy Open Access Rules 2022 issued.
- Launched Green Term Ahead Market (GTAM) to facilitate sale of Renewable Energy Power through exchanges.
- Government has issued orders that power shall be dispatched against Letter of Credit (LC) or advance payment to ensure timely payment by distribution licensees to RE generators.

**ANNEXURE-II REFERRED TO IN REPLY TO PART (c) OF RAJYA SABHA
UNSTARRED QUESTION NO. 945 FOR 30.07.2024**

**DISTRICT-WISE DETAILS OF SOLAR PROJECTS INSTALLED IN MADHYA
PRADESH**

S. No.	Name of District	Capacity (MW)
1.	Agar	753.98
2.	Ashok Nagar	51.00
3.	Balaghat	30
4.	Bhopal	1.35
5.	Damoh	5.50
6.	Dewas	30
7.	Dhar	53.685
8.	Hoshangabad	10.00
9.	Indore	1.873
10.	Jabalpur	30.24
11.	Jhabua	30
12.	Khandwa	170
13.	Khargone	0.9966
14.	Mandsaur	433.25
15.	Morena	30
16.	Neemuch	158.00
17.	Raisen	29.13
18.	Rajgarh	111
19.	Ratlam	60.00
20.	Rewa	755.00
21.	Satna	31.4
22.	Sheopur	50.00
23.	Sehore	115.305
24.	Shahdol	1
25.	Shajapur	34.95
26.	Shivpuri	137.95
27.	Sidhi	6.5
28.	Ujjain	132.81
29.	Guna	2
30.	Narsinghgarh	2.8
31.	Vidisha	74.537
32.	Capacities under Rooftop, Off Grid & PM KUSUM Schemes in various districts	255.04
Total Solar Capacity		3589.297