

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 773
ANSWERED ON 08.02.2022

SOLAR POWER IN RAJASTHAN

773#. DR. KIRODI LAL MEENA

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

- (a) the State-wise number of solar power plants in the country;
- (b) whether any steps have been taken/are being taken to set up solar power plants in Rajasthan particularly in Dausa district;
- (c) if so, the district-wise details thereof in Rajasthan; and
- (d) if not, the reasons therefor?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

- (a) The state-wise installed capacity of solar projects in the country is given at **Annexure-I**.
- (b) The Government has taken various steps to promote renewable energy, including solar energy, in the country including in the State of Rajasthan. The details are placed at **Annexure-II**.

Government of Rajasthan have also issued Rajasthan Solar Policy 2019 for the promotion of solar energy in the State of Rajasthan. As per this Policy, developers are free to setup solar projects anywhere in the State including Dausa District.
- (c)&(d) District-wise installed capacity of solar projects in Rajasthan is placed at **Annexure-III**.

State-wise installed solar capacity as on 31-12-2021

S. No.	State/UTs	Grid Connected Solar (in MW)*	Off-grid/ Distributed Solar (in MW)	Total (in MW)
1	Andhra Pradesh	4292.37	88.34	4380.71
2	Arunachal Pradesh	5.61	5.62	11.23
3	Assam	59.15	9.42	68.57
4	Bihar	169.48	21.07	190.55
5	Chhattisgarh	308.83	192.75	501.58
6	Goa	18.37	0.12	18.49
7	Gujarat	6206.34	41.03	6247.37
8	Haryana	593.20	194.18	787.38
9	Himachal Pradesh	45.04	21.39	66.43
10	Jammu & Kashmir	24.49	22.38	46.87
11	Jharkhand	53.56	34.51	88.07
12	Karnataka	7496.81	30.31	7527.12
13	Kerala	306.30	20.59	326.89
14	Ladakh	7.80	0.00	7.80
15	Madhya Pradesh	2592.16	81.62	2673.78
16	Maharashtra	2506.81	33.82	2540.63
17	Manipur	6.36	5.84	12.20
18	Meghalaya	0.19	3.94	4.13
19	Mizoram	1.53	6.35	7.88
20	Nagaland	1.00	2.04	3.04
21	Odisha	405.22	25.97	431.19
22	Punjab	1051.09	47.27	1098.36
23	Rajasthan	9979.72	292.42	10070.96
24	Sikkim	2.76	1.89	4.65
25	Tamil Nadu	4757.76	53.50	4811.26
26	Telangana	4154.42	8.61	4163.03
27	Tripura	9.41	5.46	14.87
28	Uttar Pradesh	1990.28	134.07	2124.35
29	Uttarakhand	540.49	12.31	552.80
30	West Bengal	151.00	12.95	163.95
31	Andaman & Nicobar	29.22	0.27	29.49
32	Chandigarh	52.64	0.81	53.45
33	Dadra & Nagar Haveli	5.46	0.00	5.46
34	Daman & Diu	40.72	0.00	40.72
35	Delhi	209.66	1.46	211.12
36	Lakshadweep	0.75	2.52	3.27
37	Puducherry	11.87	0.18	12.05
38	Others	0.00	45.01	45.01
Total (MW)		48087.87	1460.02	49346.71

* This includes rooftop solar capacity.

Various steps taken by the Government to promote renewable energy including solar energy in the Country including Rajasthan

- Permitting Foreign Direct Investment (FDI) 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,
- Declaration of trajectory for Renewable Purchase Obligation (RPO) up to the year 2022,
- Setting up of Ultra Mega Renewable Energy Parks to provide land and transmission to RE developers on a plug and play basis,
- Introduced various schemes such as Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM), Solar Rooftop Phase II, 12000 MW CPSU Scheme Phase II, Production Linked Incentive(PLI) scheme for promoting solar manufacturing etc,
- Laying of new transmission lines and creating new sub-station capacity under the Green Energy Corridor Scheme for evacuation of renewable power,
- Notification of standards for deployment of solar photovoltaic system/devices,
- Setting up of Project Development Cell for attracting and facilitating investments,
- Standard Bidding Guidelines for tariff based competitive bidding process for procurement of Power from Grid Connected Solar PV and Wind Projects.
- 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-III

District-wise installed capacity of grid connected solar projects in Rajasthan

S. No.	District	Capacity Installed (MW)*
1	Ajmer	1.00
2	Alwar	24.02
3	Banswara	10.26
4	Barmer	6.00
5	Bhilwara	65.248
6	Bikaner	1794.65
7	Chittorgarh	9.00
8	Churu	5.00
9	Hanumangarh	2.00
10	Jaipur	7.50
11	Jaisalmer	2933.10
12	Jalore	2.50
13	Jhalawar	0.50
14	Jhunjhunu	1.00
15	Jodhpur	4286.55
16	Nagaur	45.00
17	Pali	50.00
18	Rajsamand	7.00
19	Sikar	1.00
20	Sirohi	9.16
21	Sri Ganga Nagar	84.21
22	Udaipur	23.00
Total (in MW)		9367.698

* This does not include rooftop solar capacity.