

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1816
ANSWERED ON 10.12.2025
SOLAR ENERGY PROJECTS IN RAJASTHAN

1816. SHRI HARISH CHANDRA MEENA

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

- (a) the details of solar energy projects currently underway and proposed in Rajasthan under the National Renewable Energy Expansion Goals;
- (b) whether the Government proposes to promote decentralised solar installations in semi-arid areas of Rajasthan such as Tonk and Sawai Madhopur districts particularly for the agricultural and rural household usage and if so, the details thereof; and
- (c) whether the Government proposes to prioritise agro-voltaic models and solar irrigation units that promote ground water conservation keeping in view the water scarcity and ecological challenges being faced in the said districts and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

- (a) As per the information provided by the Rajasthan Renewable Energy Corporation Limited (RRECL), the details of solar energy projects registered in RRECL under bidding category is given at **Annexure-I** and under captive solar category is given at **Annexure-II**.
- (b) The Government is implementing various schemes like PM Surya Ghar: Muft Bijli Yojna (PMSG:MBY), Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM) and New Solar Power Scheme (for Tribal and PVTG Habitations/Villages) under Pradhan Mantri Janjati Adivasi Nyaya Maha Abhiyan (PM JANMAN) and Dharti Aabha Janjatiya Gram Utkarsh Abhiyan (DA JGUA) to promote decentralised solar installations in the country including Rajasthan. The details of schemes are given at **Annexure-III**.

As on 04.12.2025, under the PMSG:MBY, 1,06,579 nos. of Solar Rooftop systems have been installed in Rajasthan out of which, 753 nos. and 733 nos. have been installed in Tonk and Sawai Madhopur Districts of Rajasthan, respectively.

PM KUSUM scheme is being implemented in all districts of the country, including Tonk and Sawai Madhopur districts of Rajasthan. It is a demand driven scheme. The capacities are allocated based on demand received and progress shown by the States/UTs. Under the PM Kusum scheme, the installations in Tonk and Sawai Madhopur, as on 30.11.2025 are as follows:

District	Component		
	A (MW)	B (Nos. of Pumps)	C (Nos. of Pumps)
Tonk	0.5	5531	2685
Sawai Madhopur	3	2427	275

(c) The Component-A of the PM KUSUM scheme allows for setting up of decentralized ground-mounted/stilt-mounted (also known as agrivoltaics) solar plants by farmers on their land.

PM-KUSUM guidelines have a provision to address over-exploitation of ground water by solar pumps. As per the scheme guidelines, new pumps are not permitted to be installed in Dark zone / Black zone / over-exploited areas notified by Central Ground Water Board (CGWB). However, existing standalone diesel pumps, can be converted into standalone solar pumps in these areas provided they use micro irrigation techniques to save water.

**ANNEXURE-I REFERRED TO IN REPLY TO PART (a) OF LOK SABHA
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List of Solar-Bidding Projects registered and under Pipeline

S. No.	Name of Developer	Project Capacity (MW)	District
1	Acme Renewtech Private Limited	300	Bikaner
2	Acme Sigma Urja Pvt Limited	300	Chittorgarh
3	Acme Sun Power Private Limited	400	Jaisalmer
4	Acme Surya Power Private Limited	250	Jaisalmer
5	Acme Venus Urja Pvt Limited	400	Barmer
6	Acme Gamma Urja Pvt Limited	350	Jaisalmer
7	Acme Solar Holdings Limited	350	Chittorgarh
8	Adani Green Energy 25BL(AGE25BL)	500	Jaisalmer
9	Adani Green Energy 26CL(AGE26CL)	500	Jaisalmer
10	Adani Green Energy Four Limited (AGE24AL)	500	Jaisalmer
11	Adani Green Energy Four Limited (AGE24BL)	500	Jaisalmer
12	Adani Green Energy Four Limited (AGE24CL)	500	Jaisalmer
13	Adani Green Energy Four Limited (AGE24CL)	500	Jaisalmer
14	Adani Renewable Energy Holding Four Limited (AGE25AL)	500	Jaisalmer
15	Adani Renewable Energy Holding Four Limited (AGE25BL)	500	Jaisalmer
16	Adani Renewable Energy Holding Four Limited (AGE25CL)	500	Jaisalmer
17	Adani Green Energy Limited (AGEL)	1000	Jaisalmer
18	Adani Green Energy Limited (AGEL27AL)	500	Jaisalmer
19	Adani Green Energy Limited (AGEL26BL)	500	Jaisalmer
20	Adani Green Energy Limited (AGEL27BL)	500	Jaisalmer
21	Adani Green Energy Limited	500	Jaisalmer
22	Adani Solar Energy Barmer One Private Limited	600	Jaisalmer

S.No.	Name of Developer	Project Capacity (MW)	District
23	SBE Renewable Fifteen Private Limited	300	Phalodi
24	SBE Renewable Fifteen Private Limited	300	Phalodi
25	Adani Green Energy Holding Four Limited	1000	Jaisalmer & Barmer
26	Adani Green Energy Holding Four Limited	1000	
27	AEW India North One Private Limited	200	Jaisalmer
28	Amp Energy Green Four Pvt Ltd	100	Phalodi
29	AVAADA RJBIKANER Private Limited	510	Bikaner
30	AVAADA RJSUSTAINABLE Power Pvt Ltd	1000	Bikaner
31	AVAADA RJ RENEWABLE1 Private Limited	300	Bikaner
32	AVAADA SURYAPOWER Private Limited	500	Barmer
33	AVAADA SURYAENERGY Private Limited	1100	Bikaner
34	ABC Renewable Energy (RJ-O2) private Limited	400	Barmer
35	Project Eleven Renewble Power Private Limited	150	Phalodi
36	Project Sixteen Renewble Power Private Limited	300	Phalodi
37	Eden Renewable Passy Limited	300	Jaisalmer
38	Eden Renewable Bercy Pvt Ltd	300	Jaisalmer
39	LUCEO Solar Private Limited	300	Barmer
40	Khaba Renewables Private Limited	250	Barmer
41	Litsolaire Energy Private Limited	100	Bikaner
42	JGRJ One Solar Private Limited	200	Bikaner
43	JGRJ Solar Private Limited	100	Jodhpur
44	JGRJ TWO SOLAR PRIVATE LIMITED	400	Bikaner
45	JSW Renew Thirteen Energy Limited	700	Jaisalmer
46	JSW Renew Energy (Raj) Limited	700	Jaisalmer
47	JSW Renew Eleven Energy Limited	700	Jaisalmer
48	Migos Hybren Private Limited	600	Jaisalmer
49	Furies Solren Private Limited	300	Bikaner

S. No.	Name of Developer	Project Capacity (MW)	District
50	Furies Solren Private Limited	300	Bikaner
51	Hazel Hybren Private Limited	300	Bikaner
52	MRS green Energy Private Limited	100	Bikaner
53	MRS green Energy Rajasthan Private Limited	50	Jodhpur
54	NLC India Limited	300	Bikaner
55	NTPC Renewable Energy Limited	500	Jaisalmer
56	NTPC Limited	245	Phalodi
57	NTPC Limited	300	Bikaner
58	NTPC Renewable Energy Limited	2000	Bikaner
59	NTPC Renewable Energy Limited	2000	Jaisalmer
60	Energizent Power Private Limited	250	Jaisalmer
61	Renew Samir Shakti Private Limited	200	Barmer
62	Renew Solar (Shakti Three) Private Limited	100	Barmer
63	Renew Solar (Shakti Three) Private Limited	300	Barmer
64	RENEW SURYA VIHAAN PRIVATE LIMITED	200	Jaisalmer
65	IB Vogt (Renew)	300	Barmer
66	Renew Dinkar Jyoti	100	Barmer
67	ReNew Solar Piyush Private Limited	300	Barmer
68	ReNew Ushma Energy Private Limited	300	Barmer
69	SJVN Limited	1000	Bikaner
70	SJVN Green Energy Limited	100	Nagaur
71	Anboto Solar Private Limited	300	Barmer
72	Sprng Akshay Urja Private Limited	200	Jaisalmer
73	SPRNG Ojas Private Limited	300	Jalore
74	Sprng Vayu Kiran Private Limited	300	Jalore
75	Apaarava Energy Private Limited	300	Barmer

S. No.	Name of Developer	Project Capacity (MW)	District
76	Juniper Bita	300	Phalodi
77	Sunsure Solarpark Fourteen Private Limited	300	Bikaner
78	Azure Power Fifty Two Private Limited	300	Bikaner
79	Deshraj Solar Energy Private Limited	150	Bikaner
80	HRP Green Power Private Limited	300	Phalodi
81	Adyant Hydroelectricity Private Limited	150	Bikaner
82	HR Saraswati Energy Private Limited	250	Barmer
83	Vismaya Five Renewables Private Limited	300	Barmer
84	Solarcraft Power India 17 Private Limited	150	Bikaner

**ANNEXURE-II REFERRED TO IN REPLY TO PART (a) OF LOK SABHA
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Details of Captive use/3rd Party sale approved projects registered and are under pipeline

S. No.	Name of Power Producer	Capacity (MW)	Mode	District
1.	Sangam India Ltd, Sareri (Bhilwara)	0.8	Captive use	Bhilwara
2.	Sangam India Ltd, Bhilwara	0.92	Captive use	Bhilwara
3.	Poly Medicure Ltd, Jaipur	1.14	Captive use	Jairpur
4.	Serentica Renewables India 4 Pvt. Ltd. Bikaner	12	Captive use	Bikaner
5.	Municipal Board, Nathdwara	0.64	Captive use	Rajsamand
6.	Glowstone Ind Ltd	1.2	Captive use	Bhilwara
7.	Havells India Ltd, Alwar	7.6	Captive use	Alwar
8.	Deligent Pinkcity Center Pvt Ltd	2.2	Captive use	Bikaner
9.	Serentica Renewables India 5 Pvt. Ltd	10	Captive use	Bikaner
10.	SAEL Solar P6 Private Limited	4.4	Captive use	Ajmer
11.	MW Wiretec Ltd	1	Captive use	Barmer
12.	HPCL Rajasthan Refinery Ltd	1	Captive use	Balotara
13.	ReNew Dinkar Urja Private Limited	200	3 rd party sale (Open Access)	Bikaner
14.	Ram Ratna Wires Ltd	3.5	Captive use	Bhiwadi
15.	JVS Food Pvt Ltd	0.9	Captive use	Bikaner
16.	Bosch Ltd	1.2	Captive use	Jaipur
17.	Hero Motocorp Ltd	2.46	Captive use	Alwar
18.	Hero Motocorp Ltd	1.725	Captive use	Jaipur
19.	SBF Ispat Pvt Ltd	20.5	Captive use	Bikaner
20.	Sona Textiles Pvt Limited	1.3	Captive use	Bhilwara
21.	Sangam India Limited	3.96	Captive use	Bhilwara
22.	Nitin Spinners	4.625	Captive use	Bhilwara
23.	Darshika Syntex Pvt Ltd	1.1	Captive use	Bhilwara
24.	BSL Ltd	1.63	Captive use	Bhilwara
25.	O2 Renewable Energy XXXIV Private Limited	28.6	Captive use	Jodhpur

S. No.	Name of Power Producer	Capacity (MW)	Mode	District
26.	Serveall Land Developers	0.7	Captive use	Bikaner
27.	Desai Brothers Limited	0.45	Captive use	Bikaner
28.	Namdev Builders & Developers	1.4	Captive use	Bikaner
29.	Aman Hospitality Pvt Ltd	2.5	Captive use	Bikaner
30.	Ampin C&I Power Eight Pvt Ltd (SPV)	50	Captive use	Barmer
31.	STLC RE Limited (SPV)	9	Captive use	Phalodi
32.	Amplus Omega Solar Private Limited (SPV)	0.604	Captive use	Jodhpur
33.	VSV Onsite Private Limited (SPV)	0.22	Captive use	Sirohi
34.	Ramco Industries Ltd	2.2	Captive use	Jaisalmer
35.	KRN HVAC Products Pvt Ltd	1.5	Captive use	Alwar
36.	Cello Consumerware Pvt Ltd	1.5	Captive use	Pali
37.	Shree Balaji Industrial Products Ltd	1.1	Captive use	Bikaner
38.	Quality Gums	0.4	Captive use	Bikaner
39.	Rockwood Hotels & Resorts Ltd	0.4	Captive use	Bikaner
40.	Vishnu Vivek Marble Industries Pvt Ltd	1.03	Captive use	Bikaner
41.	Truere Guj SPV Ltd (SPV)	25	Captive use	Phalodi
42.	Wonder Cement	6	Captive use	Chittorgarh
43.	Adani Solar Energy Jodhpur Six Pvt Ltd	50	Captive use	Phalodi

**ANNEXURE-III REFERRED TO IN REPLY TO PART (b) OF LOK SABHA
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**List of Operational Schemes to Promote Decentralised Solar Installations in the
Country**

1. PM Surya Ghar Muft Bijli Yojana (PMSC: MBY): The Ministry of New & Renewable Energy is implementing this scheme across the country since February 2024. The Scheme targets to achieve rooftop solar installations in one crore households in the residential sector by FY 2026-27 with an outlay of Rs 75,021 crore.
2. Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM): The PM-KUSUM Scheme was launched by the Government in March, 2019 to provide financial support to the farmers for installation of standalone solar pumps and solarization of existing grid-connected agriculture pumps, and to provide the farmers an opportunity to become solar entrepreneurs by installing solar power plants on their barren/fallow/agriculture land. The Scheme consists of three components:
 - Component ‘A’: Setting up of 10,000 MW of Decentralized Ground / Stilt Mounted Grid Connected Solar or other Renewable Energy based Power Plants by the farmers on their land. Solar power plants in stilt fashion are also known as Agrivoltaics;
 - Component ‘B’: Installation of 14 lakh standalone off-grid solar agriculture pumps; and
 - Component ‘C’: Solarization of 35 lakh existing grid-connected agriculture pumps including Feeder Level Solarization (FLS).

All three components combined; the scheme aims to add a solar capacity of 34.8 GW with total central financial of Rs. 34,422 crore.

3. New Solar Power Scheme (for Tribal and PVTG Habitations/Villages) under Pradhan Mantri Janjati Adivasi Nyaya Maha Abhiyan (PM JANMAN) and Dharti Aabha Janjatiya Gram Utkarsh Abhiyan (DA JGUA): The scheme aims to provide electricity to households, multi-purpose centres and public institutions in Tribal and PVTG areas by provision of off-grid solar systems. The off-grid solar systems are provided only where electricity supply through grid is not techno-economically feasible.