

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**STARRED QUESTION NO. 364**  
ANSWERED ON 26/03/2025  
**ANNADATA TO URJADATA INITIATIVE UNDER PM-KUSUM**

\*364. SMT. ROOPKUMARI CHOUDHARY  
SHRI DARSHAN SINGH CHOUDHARY

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

- (a) the manner in which the commitment of the Government under Pradhan Mantri - Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM) is assisting to promote use of solar energy for agriculture and increase farmers income;
- (b) the manner in which PM-KUSUM is motivating farmers to adopt solar energy thereby having positive impact on the environment and the economy;
- (c) whether the Government is implementing Annadata to Urjadata initiative under PM- KUSUM and if so, the details thereof and the manner in which this initiative is assisting farmers to become energy producers along with the key benefits associated with the initiative;
- (d) the status of implementation of PM-KUSUM in Chhattisgarh; and
- (e) the plans of the Government to further strengthen the financial condition of farmers through use of solar energy for agriculture work and power supply in Hoshangabad Parliamentary Constituency?

**ANSWER**

**THE MINISTER OF NEW & RENEWABLE ENERGY AND CONSUMER AFFAIRS, & FOOD AND PUBLIC DISTRIBUTION**

**(SHRI PRALHAD JOSHI)**

(a) to (e) A Statement is laid on the Table of the House.

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**STATEMENT REFERRED TO IN REPLY TO LOK SABHA QUESTION NO. 364 FOR ANSWER ON  
26.03.2025**

(a) to (c) PM-KUSUM Scheme was launched by the Government in March 2019 with the objective of de-dieselizing the farm sector, providing assured daytime solar power and to provide energy security to farmers. The scheme has three Components:

<b>Scheme Component</b>	<b>Targets and features</b>	<b>Incentives structure</b>
Component 'A'	<ul style="list-style-type: none"> <li>• Target of setting up of 10,000 MW of Decentralized Ground/ Stilt Mounted Grid Connected Solar or other Renewable Energy based Power Plants (up to 2 MW each) by the farmers on their land.</li> <li>• Farmers /Cooperatives /Panchayats / Project developer /Farmer Producer Organisation (FPO) / Water User associations (WUA) are eligible.</li> </ul>	<ul style="list-style-type: none"> <li>• PBI@ Rs. 0.40 per unit for five years is provided to DISCOMs (max Rs 33 Lac/year)</li> </ul>
Component 'B'	<ul style="list-style-type: none"> <li>• Target of installation of 14 lakh standalone off-grid solar water pumps</li> </ul>	<ul style="list-style-type: none"> <li>• 30% Central assistance to all other States/UTs (50% to NER/Hilly region/Islands).</li> </ul>
Component 'C' (Individual Pump Solarization)	<ul style="list-style-type: none"> <li>• Target of solarization of 35 lakh existing grid-connected agriculture pumps and through feeder level solarization (FLS).</li> </ul>	<ul style="list-style-type: none"> <li>• 30% Central assistance to all other States/UTs (50% to NER/Hilly region/Islands) for Individual Pump Solarization.</li> </ul>
Component 'C' (Feeder Level Solarization)		<ul style="list-style-type: none"> <li>• Central Financial Assistance of Rs. 1.05 Cr/MW for solarizing agriculture load on the feeder under Feeder Level Solarization</li> </ul>

PM-KUSUM is motivating farmers to adopt solar energy becoming Urjadata along with Annadata and enhance their income. The key benefits and positive impact of the scheme are as follows:

- Farmer can install grid connected solar power plant up to 2 MW on their land and sell the surplus power to DISCOMs and earn additional income.
- Scheme helps de-dieselize the farm sector by allowing installation of stand-alone solar pumps and also solarizing existing grid connected pumps.
- With the help of feeder level solarization, scheme allows for assured day time solar power to the farmers and relieve the state from the financial burden for providing free/subsidized electricity for agriculture.
- The scheme envisions to save carbon emissions of 40 million tonnes per year.

(d) PM-KUSUM is a demand driven scheme. The capacities are allocated based on demand received from the States/UTs. Based on the demand received from the State of Chhattisgarh, and the progress made, the Ministry has allocated 30 MW to the state under Component A. As on 28.02.2025, the State has reported an installation of 4 MW under this sanction.

(e) For the State of Madhya Pradesh, including Hoshangabad Lok Sabha Constituency, all components of PM KUSUM Scheme are being implemented. As of 28.02.2025, the progress in the state of Madhya Pradesh is

Component-A (MW)		Component-B (Nos.)		Component-C (Nos.)		
Sanction	Achievements	Sanction	Achievements	Sanction (IPS)	Sanction (FLS)	Achievements
1790	48.63	59400	7325	0	445000	7417

As per information provided by the state, the details of district wise progress is placed at the **Annexure**.

**PM KUSUM-A**  
**Project commissioned**

S.No	Name	Village	Sub- Station	District	Capacity (MW)	Remark
1	AdityaRajput	Nariyawali	Nariyawali	Sagar	2	Plant installed and commissioned
2	AkashSinghRajput	Jhilla	Jhilla	Sagar	2	
3	NavinKhare	Khargapur	Khargapur	Tikamgarh	2	
4	BhagatRamPatidar(Shri SanwaliyaSolarParkPrivate Limited)	PaliyaMaru	PaliyaMaru	Mandsaur	1	
5	ParshuRamPatidar (Shri BalajiSolarParkPrivate Limited)	SemliyaHeera	SemliyaHeera	Mandsaur	1.13	
6	UgamKunwarRathore (URPDSolarPvt.Ltd.)	Ringnod	Ringnod	Ratlam	2	
7	SandhyaLodhi(MaaSharda SolarEnterprises)	Raipura	Raipura	Panna	1	
8	PrabalPratapSingh Tomar (ShardaGreenEnergyPvt. Ltd.)	Rithorakala	Rithorakala	Morena	2	
9	JaishankarGupta	Sandala	Sandala	Ujjain	2	
10	ShantanuVyas(Ashuvibha PowerPvt. Ltd.)	Kudaila	Kudaila	Mandla	2	
11	ShreeKrishnaKanhaiya (FPO)	Bartalai	Bartalai	Damoh	2	
12	AshokKuamrJain	Sihora	Sihora	Sagar	2	
13	UtkarshSinghBharadwaj	Chhapara	Chhapara	Seoni	1	
14	RajadhyaSolarFarm( BhaskerPatel)	Jawaharkhedda	Jawaharkhedda	Sehore	2	
15	Amarsingh	Silwad	Silwad	Barwani	2	
16	UrmilaSolar(OPC)(Urmila Shrivastava)	Garhi	Garhi	Raisen	1.5	
17	NarendraBaser	Nimbod	Nimbod	Mandsaur	1	
18	Vineet Gupta	Gurraiya	Gurraiya	Chhindwara	1	
19	AlokTiawari	Gogham	Gogham	Rewa	1	
20	DevidinMishra	Busaul	Busaul	Rewa	1	
21	ShushmaTiawari	Busaul	Busaul	Rewa	1	
22	FineVibesPvt.Ltd	Ghughri	Ghughri	Mandla	2	
23	Govindram			Harda	2	

24	KoushalKishoreChaturvedi	Kena	Kena	Niwari	1
25	SaurabhPastor	Kena	Kena	Niwari	1
26	Shashank Choudhary (Shri MahalaxmiSolarPlant(OPC) Pvt. Ltd.)	Gadarwara	Gadarwara	Narsinghpur	2
27	ManojKumarJain	KaneraDev	KaneraDev	Sagar	2
28	RajshreeJain	KaneraDev	KaneraDev	Sagar	2
29	NiveditaTomar	Naktitatali	Naktitatali	Sehore	2

30	BasantManiTripathi (PhalwaanSolarPvt.Ltd.)	Karsua	Karsua	Singrauli	1.5	Plant installed and under commission ed
31	PavanKumarJain	Kaymori	Kaymori	Jabalpur	2	
32	SandeepKumarJain	Kaymori	Kaymori	Jabalpur	2	

**Total capacity in MW**

**52.13**

**Annexure- 2**

**PM KUSUM-B Progress**

S. No.	District	Total
1	Bhopal	161
2	Raisen	513
3	Rajgarh	147
4	Sehore	252
5	Vidisha	329
6	Murena	89
7	Sheopur	68
8	Bhind	41
9	Gwalior	56
10	Ashoknagar	58
11	Shivpuri	466
12	Datia	132
13	Guna	75
14	Alirajpur	17
15	Badwani	56
16	Burhanpur	11
17	Dhar	184
18	Indore	83
19	Jhabua	6
20	Khandwa	51
21	Khargone	305
22	Balaghat	269
23	Chhindwara	104
24	Jabalpur	39
25	Katni	151
26	Mandla	19

27	Dindori	48
28	Narsinghpur	32
29	Seoni	89
30	Betul	402
31	Harda	158
32	Hoshangabad	96
33	Rewa	101
34	Satna	64
35	Singroli	170
36	Sidhi	87
37	Chhatarpur	135
38	Damoh	33
39	Panna	52
40	Sagar	289
41	Tikamgarh	67
42	Niwari	38
43	Anuppur	15
44	Shahdol	92
45	Umaria	86
46	Agar	38
47	Shajapur	345
48	Dewas	211
49	Mandsaur	212
50	Neemuch	242
51	Ratlam	186
52	Ujjain	159
<b>Total</b>		<b>7129</b>

## KUSUM-C Status

S.No	RfP Phase	Bidder	Zone	District	Substation	Bid Capacity MW
1	1	NHDC Ltd.	CZ	Raisen	Sanchi 2	8
2	2	Purshotam Profile Pvt Ltd	CZ	Raisen	Silwani(T)	5.6
3	2	Purshotam Profile Pvt Ltd	CZ	Raisen	Saikheda	6.4
4	2	Purshotam Profile Pvt Ltd	CZ	Raisen	Beekalpur	5.5
5	2	Purshotam Profile Pvt Ltd	CZ	Raisen	Jaithari	6.4
6	2	RENEE POWER	CZ	Sehore	Lasudiakagar	2.8
7	2	RENEE POWER	CZ	Sehore	Kajlash	3
8	2	RENEE POWER	CZ	Sehore	Semlijadi	1.2
9	2	Ilios Power Private Limited	WZ	Khargone	Nandgaon	7.5
10	2	Ilios Power Private Limited	WZ	Khargone	Ghugariyakhedi	7.5
11	2	Ilios Power Private Limited	WZ	Khargone	Andad	7.5
12	2	Ilios Power Private Limited	WZ	Khargone	Anjangaon	7.5
13	2	Ilios Power Private Limited	WZ	Khargone	Balakwada	7.5
14	2	Ilios Power Private Limited	WZ	Khargone	Sawada	7.5
15	2	Ilios Power Private Limited	WZ	Khargone	Bamkhal	5
16	3	Purshotam Profile Pvt Ltd	CZ	Raisen	Deori	7.1
17	3	Purshotam Profile Pvt Ltd	CZ	Raisen	Koda jamania	7.2
18	3	Purshotam Profile Pvt Ltd	CZ	Raisen	Bhopatpur	7.6
19	3	Purshotam Profile Pvt Ltd	CZ	Raisen	Boras	4.1
20	3	Jhamb Trading Company	WZ	Burhanpur	Boderli	7.9
21	3	Bhairav Embro Design Private	WZ	Shajapur	Majaniya	8.15
22	3	Bhairav Embro Design Private	WZ	Shajapur	Karju	3.15
23	3	Renee Power	WZ	Shajapur	BORSALI	5.9
24	3	Renee Power	WZ	Shajapur	SANKARPURA	2.3
25	3	Renee Power	WZ	Shajapur	AKYA CHAUHANI	5
26	3	Sachin Bansal Contractor	WZ	Shajapur	Ghunsi	3.6
27	3	Sachin Bansal Contractor	WZ	Shajapur	Semli	2.7
28	3	Ridhi Sidhi Electrical Engg and	WZ	Shajapur	Khadi	5
29	3	S K Electricals	WZ	Shajapur	Lahori	5.7
30	4	Vallabh Das Agrawal	WZ	Barwani	Ozar	1.6
31	4	Deepak Khandelwal	WZ	Burhanpur	MOHAD	4.7
32	4	Lokmat Media Pvt. Ltd.	WZ	Khargone	Bhikangaon	6.8
33	4	Manav Agri Food Pvt. Ltd.	WZ	Burhanpur	Goradiya	8.6
34	4	Noble Ecotech	WZ	Burhanpur	Gondri	3.9
35	4	Kashi The Fabric Store	WZ	Burhanpur	Sirpur	4.4
36	4	Harman Cottex and Seeds Pvt.	WZ	Khargone	Talakupura	6.9
37	4	Vijay Cotton & Fibre Co. LLP	WZ	Burhanpur	Doifodiya	8.1
38	4	KBR Commodities	WZ	Barwani	PANSEMAL	9.6
39	4	KBR Commodities	WZ	Barwani	SENDHWA	4.9

40	4	Frisk Projects Pvt. Ltd.	WZ	Khandwa	MOONDI	6.2
41	4	Frisk Projects Pvt. Ltd.	WZ	BARWANI	DHANORA	4.7
42	4	BIO Spun Pvt. Ltd	WZ	Dhar	Bakaner	3.6
43	4	BIO Spun Pvt. Ltd	WZ	Dhar	Ajanda	5.5
44	4	BIO Spun Pvt. Ltd	WZ	Dhar	Toki	7.4
45	4	BIO Spun Pvt. Ltd	WZ	Dhar	Mirjapur	2.6
46	4	Jhamb Trading Co.	WZ	Burhanpur	Khaknar	8.1
47	4	Satyanarayan Maheshwari	WZ	Khandwa	Bhojakhedi	2
48	4	Santosh Bai Goyal (Siddhi	WZ	Khandwa	Bilankheda	1.7
49	4	Santosh Bai Goyal (Siddhi	WZ	Khandwa	Diwal	2.9
50	4	Siddharth Seeds Company	WZ	Khandwa	Padilya	4.5
51	4	Mayur Industries	WZ	Khandwa	Gudi	2
52	4	Anand Trading Company	WZ	Khandwa	Singot	4.9
53	4	Sirmore Small Hydro Power Pvt	WZ	Neemuch	Dudhlai	6.3
54	4	Sirmore Small Hydro Power Pvt	WZ	Neemuch	Antri Mata	7.2
55	4	Sirmore Small Hydro Power Pvt	WZ	Neemuch	Lasoor	5.1
56	4	Sirmore Small Hydro Power Pvt	WZ	Neemuch	Kanjarda	7.2
57	4	Sirmore Small Hydro Power Pvt	WZ	Neemuch	Rampura	7.6
58	4	Sirmore Small Hydro Power Pvt	WZ	Neemuch	Nanor	5.4
59	4	Rakesh Tiwari	CZ	Bhopal	Sukhisewaniya	3
60	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	AGAR S/S	4.5
61	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	PACHLANA S/S	2.3
62	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	MOYAKHEDA S/S	5.6
63	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	KANAD S/S	6.2
64	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	PALKHEDI	4.2
65	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	TANODIYA	6.2
66	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	PIPLON KALAN	5.1
67	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	LASUDIYA-KELWA	5.5
68	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	BAPCHA	7.1
69	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	BAROD	8.6
70	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	GURADIYA	5.7
71	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	MADKOTA	9.9
72	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	BADAGAON S/S	5.3
73	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	NALKHEDA	5.6
74	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	AMLA	7.6
75	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	MODI	5.3
76	CLS	M/s Purshotam Profiles Pvt. Ltd.	WZ	Agar	KEETKHEDI	5.3
77	CLS	M/s Sangamam Power Projects	EZ	Sagar	BERI DHANORA	1.0
78	CLS	M/s Sangamam Power Projects	EZ	Sagar	MANDI BAMORA	2.0
79	CLS	M/s Sangamam Power Projects	EZ	Sagar	BARODIA	1.2
80	CLS	M/s Sangamam Power Projects	EZ	Sagar	JHILA	3.4
81	CLS	M/s Sangamam Power Projects	EZ	Sagar	KANJIA	3.2
82	CLS	M/s Sangamam Power Projects	EZ	Sagar	DHANORA	1.7
83	CLS	M/s Sangamam Power Projects	EZ	Sagar	CHHAPRI	2.3



84	CLS	M/s Sangamam Power Projects	EZ	Sagar	KARRAPUR	2.1
85	CLS	M/s Sangamam Power Projects	EZ	Sagar	PERSORIA	3.6

86	CLS	M/s Sangamam Power Projects	EZ	Sagar	SHAHPUR	4.1
87	CLS	M/s Sangamam Power Projects	EZ	Sagar	BHADRANA	3.5
88	CLS	M/s Sangamam Power Projects	EZ	Sagar	BANDA	4.5
89	CLS	M/s Sangamam Power Projects	EZ	Sagar	DALPATPUR	1.7
90	CLS	M/s Sangamam Power Projects	EZ	Sagar	KHATORA KHURD	1.2
91	CLS	M/s Sangamam Power Projects	EZ	Sagar	SHAHGARH	2.5
92	CLS	M/s Sangamam Power Projects	EZ	Sagar	BARAYTHA	2.6
93	CLS	M/s Sangamam Power Projects	EZ	Sagar	ULDAN	3.1
94	CLS	M/s Sangamam Power Projects	EZ	Sagar	MAGARDHA	1.8
95	CLS	M/s Sangamam Power Projects	EZ	Sagar	PATNA BUJURG	3.2
96	CLS	M/s Sangamam Power Projects	EZ	Sagar	PATAI	1.6
97	CLS	M/s Sangamam Power Projects	EZ	Sagar	REHLI	3.3
98	CLS	M/s Sangamam Power Projects	EZ	Sagar	CHOURAI	5.0
99	CLS	M/s Sangamam Power Projects	EZ	Sagar	CHANAUWA	1.4
100	CLS	M/s Sangamam Power Projects	EZ	Sagar	CHANDRAPURA	2.9
101	CLS	M/s Sangamam Power Projects	EZ	Sagar	GARHAKOTA	3.3
102	CLS	M/s Sangamam Power Projects	EZ	Sagar	CHHULLA	1.2
103	CLS	M/s Sangamam Power Projects	EZ	Sagar	BALEH	1.6
104	CLS	M/s Sangamam Power Projects	EZ	Sagar	GOURJHAMAR	1.9
105	CLS	M/s Sangamam Power Projects	EZ	Sagar	GHOSHI PATTI	1.7
106	CLS	M/s Sangamam Power Projects	EZ	Sagar	NANHI DEORI	1.8
107	CLS	M/s Sangamam Power Projects	EZ	Sagar	DEORI	3.0
108	CLS	M/s Sangamam Power Projects	EZ	Sagar	MAHARAJPUR	4.6
109	CLS	M/s Sangamam Power Projects	EZ	Sagar	KHAIRANA	2.9
110	CLS	M/s Sangamam Power Projects	EZ	Sagar	CHHIRARI	1.3
111	CLS	M/s Sangamam Power Projects	EZ	Sagar	CHANDPUR	1.6
112	CLS	M/s Sangamam Power Projects	EZ	Sagar	SAHAJPUR	4.4
113	CLS	M/s Sangamam Power Projects	EZ	Sagar	BHAINSA(SAGAR)	1.5
114	CLS	M/s Sangamam Power Projects	EZ	Sagar	BHAPEL	1.1
115	CLS	M/s Sangamam Power Projects	EZ	Sagar	MASHURHAI	3.5
116	CLS	M/s Sangamam Power Projects	EZ	Sagar	MEERKHERI	1.9
117	CLS	M/s Sangamam Power Projects	EZ	Sagar	HINNOD	3.0
118	CLS	M/s Sangamam Power Projects	EZ	Sagar	CHANDAMAU	2.5
119	CLS	M/s Sangamam Power Projects	EZ	Sagar	SHYAMPURA	1.8
120	CLS	M/s Sangamam Power Projects	EZ	Sagar	MOKALPUR	1.2
121	CLS	M/s Sangamam Power Projects	EZ	Sagar	BILHARA	3.8
122	CLS	M/s Sangamam Power Projects	EZ	Sagar	SURKHI	1.0
123	CLS	M/s Sangamam Power Projects	EZ	Sagar	PADRAI BANSA	2.7
124	CLS	M/s Sangamam Power Projects	EZ	Sagar	DHANA	2.0