

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 3027
ANSWERED ON 19/03/2025

UTILITY SCALE SOLAR POWER PROJECTS

3027. SHRI DR. C M RAMESH

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

- (a) the details of targets set and achieved by utility scale Solar Power Projects in the country during the last three years, State-wise;
- (b) the budgetary allocation made and utilized in respect of these projects/schemes like Pradhan Mantri Surya Ghar Muft Bijli Yojana (PM-SGMBY) and Pradhan Mantri- Kisan Urja Suraksha Evam Utthaan Mahabhiyann (PM-KUSUM);
- (c) the details of beneficiaries under these Schemes during the last three years, State and year-wise;
- (d) the details of progress made under Green Energy Corridor under different phases; and
- (e) the details of Challenges in execution and completion of these projects?

ANSWER

**THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER
(SHRI SHRIPAD YESSO NAIK)**

- (a) State-wise targets are not set for the utility scale Solar Power Projects in the country. The details of the achievements made by utility scale Solar Power Projects in the country during the last three years is given at **Annexure-I**.
- (b) The budgetary allocation made and utilized in respect of Pradhan Mantri Surya Ghar Muft Bijli Yojana (PM-SGMBY) and Pradhan Mantri- Kisan Urja Suraksha Evam Utthaan Mahabhiyann (PM-KUSUM) are given at **Annexure -II**.
- (c) The PM-SGMBY has been launched on 13.02.2024. The details of nos. of applications and installations under PM-SGMBY Scheme, state-wise is given at **Annexure-III A**. The details of beneficiaries under PM-KUSUM Scheme during the last three years, State and year-wise, are given at **Annexure-III B**.
- (d) & (e) The Green Energy Corridor (GEC) Phase-I & II is being implemented by ten renewable rich States for evacuation of Renewable Energy (RE). The physical and financial progress under GEC (Phase-I & II) is given at **Annexure IV**.

Further, Ministry is also implementing Inter State Transmission System in GEC-II for evacuation of 13 GW RE Projects in Ladakh, where 40% of DPR cost or awarded cost, whichever is lower, is provided to the implementing agency i.e. Power Grid Corporation of India Limited. Basic infrastructure establishment works have started at Pang and Front-End Engineering and Design (FEED-1) Studies have been completed. Notice Inviting Tender (NIT) in Global Competitive Bidding (GCB) Mode was published on 21.01.2025. The Challenges in execution and completion of these projects includes right of way (RoW) issues, retendering due to low bid turnout, court cases, harsh weather conditions etc.

ANNEXURE-I REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED

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Utility scale Solar Projects capacity achieved in last three years (in MW)

Sr. No.	State/UT	2021-22	2022-23	2023-24
1	Andaman & Nicobar	0	0.42	0.00
2	Andhra Pradesh	84.55	127.38	21.85
3	Arunachal Pradesh	0	0.00	0.00
4	Assam	64.36	29.97	0.00
5	Bihar	0	2.13	5.00
6	Chandigarh	0	0.00	0.00
7	Chhattisgarh	65.99	218.55	240.78
8	Dadra & Nagar Haveli	0	0.00	0.00
9	Daman & Diu	0	0.00	0.00
10	Delhi	0	0.00	0.88
11	Goa	0	0.00	0.00
12	Gujarat	1908.5	1374.48	3320.21
13	Haryana	135	0.00	0.00
14	Himachal Pradesh	9.15	4.95	3.75
15	Jammu & Kashmir	0	0.00	0.00
16	Jharkhand	0	0.00	1.95
17	Karnataka	121.51	403.94	303.27
18	Kerala	17.9	131.95	22.94
19	Ladakh	0	0.00	0.00
20	Lakshadweep	0	0.00	1.70
21	Madhya Pradesh	72.71	0.00	1091.31
22	Maharashtra	4	1362.90	839.33
23	Manipur	0	0.00	0.60
24	Meghalaya	0	0.00	0.00
25	Mizoram	0	20.00	1.90
26	Nagaland	0	0.00	0.00
27	Odisha	20	0.00	15.60
28	Puducherry	0.78	0.00	0.08
29	Punjab	0	3.17	54.52
30	Rajasthan	6180.17	4111.08	3929.25
31	Sikkim	0	0.00	0.00
32	Tamil Nadu	529.38	1606.08	1260.76
33	Telangana	493.7	82.52	0.00
34	Tripura	0	0.00	0.00
35	Uttar Pradesh	396.25	223.00	360.96
36	Uttarakhand	43.62	0.00	0.00
37	West Bengal	0	13.80	0.00
Total		10147.57	9716.32	11476.64

ANNEXURE-II REFERRED TO IN REPLY TO PART (b) OF LOK SABHA

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Budgetary allocation made and utilized in respect of Pradhan Mantri Surya Ghar Muft Bijli Yojana (PM-SGMBY) and Pradhan Mantri- Kisan Urja Suraksha Evam Utthaan Mahabhiyann (PM-KUSUM)

Scheme	Budget Allocation (FY 2024-25)	Utilization (FY 2024-25)
Pradhan Mantri Surya Ghar, Muft Bijli Yojana (PM-SGMBY)	Rs. 11,100 crore	Rs. 6819.62 crore*
Pradhan Mantri- Kisan Urja Suraksha Evam Utthaan Mahabhiyann (PM-KUSUM)	Rs 2525 crore	Rs. 1994 crore#

**Up to 10.03.2025*

Up to 28.02.2025

ANNEXURE-III A REFERRED TO IN REPLY TO PART (c) OF LOK SABHA UNSTARRED QUESTION

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State/ UT-wise details of nos. of applications and installations under PM Surya Ghar Muft Bijli Yojana in FY 2024-25 (as on 10.03.2025)

Sr. No.	State	Applications	Nos. of Installations	Total CFA released (Nos.)	Total CFA released (Amount in Rs.)
1	Andaman and Nicobar Islands	166	16	5	413,160
2	Andhra Pradesh	1,160,716	15,270	8,987	692,453,598
3	Arunachal Pradesh	93	0	0	0
4	Assam	301,394	9478	5,284	441,302,367
5	Bihar	70,211	4788	2,722	208,490,430
6	Chandigarh	1,364	631	209	16,098,420
7	Chhattisgarh	36,856	2206	829	64,208,760
8	Goa	4,480	810	344	26,788,800
9	Gujarat	391,301	394874	251,159	19,549,862,088
10	Haryana	164,877	20887	12,097	909,509,502
11	Himachal Pradesh	6,148	1545	821	70,253,799
12	Jammu and Kashmir	28,318	2119	891	76,321,410
13	Jharkhand	7,047	247	132	10,198,710
14	Karnataka	215,112	9582	5,232	393,770,754
15	Kerala	123,670	77836	59,500	4,637,975,616
16	Ladakh	666	331	262	22,463,364
17	Lakshadweep	697	256	183	15,701,400
18	Madhya Pradesh	60,664	30295	22,376	1,738,128,600
19	Maharashtra	560,196	236069	105,548	8,287,350,246
20	Manipur	747	208	140	11,924,088
21	Meghalaya	2,038	18	16	828,168
22	Mizoram	640	118	76	6,298,182
23	Nagaland	244	8	6	463,650
24	NCT of Delhi	8,296	3074	825	64,177,650
25	Odisha	93,171	2945	1,821	137,513,280
26	Puducherry	1,395	717	516	39,506,400
27	Punjab	14,278	5197	3,861	300,748,800
28	Rajasthan	226,460	32929	25,053	1,951,076,154
29	Sikkim	58	4	1	85,800
30	Tamil Nadu	82,610	28193	17,867	1,329,046,950
31	Telangana	45,732	13187	6,537	511,283,100
32	The Dadra and Nagar Haveli and Daman and Diu	1,603	117	36	2,808,000
33	Tripura	3,192	162	93	7,762,194
34	Uttarakhand	45,147	18846	13,497	1,157,234,971.20
35	Uttar Pradesh	1,043,160	93948	65,962	5,017,975,848
36	West Bengal	26,606	438	0	0
Total		4729353	1007349	612888	4770,00,24,259

ANNEXURE-IIIB REFERRED TO IN REPLY TO PART (c) OF LOK SABHA

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State/ UT-wise details of beneficiaries under PM KUSUM Scheme in FY 2021-22, 2022-23, 2023-24 and 2024-25 (as on 28.02.2025)

S. No.	State/ UT Name	No. of Beneficiaries				
		2021-22	2022-23	2023-24	2024-25(As on 28.02.2025)	Total
1.	Arunachal Pradesh	-	126	73	235	434
2.	Chhattisgarh	-	-	3	3	6
3.	Goa	-	-	700	100	800
4.	Gujarat	366	2,000	939	97,947	1,01,232
5.	Haryana	21,985	13,530	42,677	62,722	1,40,914
6.	Himachal Pradesh	190	281	142	184	797
7.	Jammu & Kashmir	103	426	309	1,390	2,228
8.	Jharkhand	6,336	5,844	424	18,524	31,128
9.	Karnataka	238	-	-	6,647	6,885
10.	Kerala	-	82	5,109	3,816	9,007
11.	Madhya Pradesh	-	93	8	7,437	7,538
12.	Maharashtra	2,426	40,809	44,436	3,62,260	4,49,931
13.	Manipur	28	-	50	-	78
14.	Meghalaya	35	-	47	16	98
15.	Mizoram	-	-	-	40	40
16.	Nagaland	-	-	65	-	65
17.	Odisha	647	548	106	4,255	5,556
18.	Punjab	5,390	6,198	88	-	11,676
19.	Rajasthan	19,974	31,969	7,181	49,341	1,08,465
20.	Tamil Nadu	199	1,857	192	952	3,200
21.	Tripura	358	1,274	472	1,955	4,059
22.	Uttar Pradesh	3,883	13,203	12,167	30,969	60,222
23.	Uttarakhand	-	318	-	548	866
24.	West Bengal	-	20	-	-	20
Total		62,158	1,18,578	1,15,188	6,49,321	9,45,245

**ANNEXURE-IV REFERRED TO IN REPLY TO PART (d) & (e) OF LOK SABHA
UNSTARRED QUESTION NO. 3027 FOR 19.03.2025**

(A) State-wise status of InSTS GEC Phase-I as on 28.02.2025:

State	Physical Progress				Financial Progress (Central Grant)		
	Transmission Lines (ckm)		Substations (MVA)		Target (Rs. crore)	Achievement (Rs. crore)	%
	Target	Achievement	Target	Achievement			
Andhra Pradesh	1073	854	2157	1265	361.25	290.606	80.44
Gujarat	1908	1636	7980	7980	746.40	561.845	75.27
Himachal Pradesh	502	499	937	893	237.28	206.658	87.09
Karnataka	618	618	2702	2702	326.50	326.50	100
Madhya Pradesh	2773	2773	4748	4748	655.09	624.239	95.29
Maharashtra	771	704	--	--	67.49	46.758	69.28
Rajasthan	1054	984	1915	1915	241.35	241.35	100
Tamil Nadu	1068	1068	2250	1910	529.34	529.282	99.99
Total	9767	9136	22689	21413	3164.70	2827.23	89.33

(B) State-wise status of InSTS GEC Phase-II as on 28.02.2025:

State	No. of Packages			Physical Progress				Financial Progress (Central Grant)	
	Total	Tendered	Awarded	Lines (ckm)		Substations (MVA)		Target (Rs. Crore)	Achievement (Rs. Crore)
				Revised Target	Achievement	Revised Target	Achievement		
Gujarat	27	19	18	2570	-	7460	-	1200.12	-
Himachal Pradesh	9	1	-	337	-	352	-	161.53	-
Karnataka	10	10	9	938	221	1225	-	341.96	91.316
Kerala	5	2	-	224	-	620	-	138.71	-
Rajasthan	8	8	-	659	-	2191	-	290.70	-
Tamil Nadu	9	9	2	624	-	2200	-	237.52	-
Uttar Pradesh	23	23	23	2567	-	10440	-	1576.80	292.93
Total	91	72	52	7919	221	24488	-	3947.34	384.246