

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
STARRED QUESTION NO. 224
ANSWERED ON 11/12/2024

PROMOTION OF SOLAR ENERGY

*224. SHRI RAJEEV RAI

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

- (a) whether several schemes are being run by the Government to promote solar energy across the country;
- (b) if so, the details thereof;
- (c) the details of funds allocated and utilised under the said schemes during the last three years, State/scheme-wise; and
- (d) the details of the benefits accrued due to the implementation of the said schemes so far, State-wise?

ANSWER

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

(SHRI PRALHAD JOSHI)

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

STATEMENT

STATEMENT REFERRED TO IN REPLY TO LOK SABHA STARRED QUESTION No. 224 FOR ANSWER ON 11.12.2024

(a) & (b) In order to promote development of solar energy in the country, Government has introduced various schemes from time to time. The list of operational schemes is given at **Annexure-I**.

(c) The details of funds spent under these schemes in the last three years, i.e., 2021-22, 2022-23 and 2023-24, scheme -wise and State-wise are given at **Annexure -II**.

(d) Solar projects with an aggregate capacity of more than 92 GW have been installed in the country. The details are given at **Annexure III**.

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

**ANNEXURE I REFERRED TO IN REPLY TO PART (a) & (b) OF LOK SABHA
STARRED QUESTION NO. 224 FOR ANSWER ON 11.12.2024**

**LIST OF VARIOUS ONGOING SCHEMES FOR PROMOTION OF SOLAR ENERGY
IN THE COUNTRY**

1. Scheme for Development of Solar Parks and Ultra-mega Solar Power Projects with a target of setting up 40,000 MW capacity. Under the scheme, the infrastructure such as land, roads, power evacuation system water facilities are developed with all statutory clearances/approvals. Thus, the scheme helps expeditious development of utility-scale solar projects in the country.
2. PM-Surya Ghar: Muft Bijli Yojana for installing rooftop solar on one Crore households across the country.
3. Production Linked Incentive scheme 'National Programme on High Efficiency Solar PV Modules' for achieving manufacturing capacity of Giga Watt (GW) scale in High Efficiency Solar PV modules (Tranche- I & II).
4. PM-KUSUM Scheme to promote small Grid Connected Solar Energy Power Plants, stand-alone solar powered agricultural pumps and solarisation of existing grid connected agricultural pumps.
5. Central Public Sector Undertaking (CPSU) Scheme Phase-II (Government Producer Scheme) for setting up 12,000 MW grid-connected Solar Photovoltaic (PV) Power Projects by Government Producers, using domestically manufactured solar PV cells and modules, with Viability Gap Funding (VGF) support, for self-use or use by Government/ Government entities, either directly or through Distribution Companies (DISCOMS).
6. New Solar Power Scheme (for Tribal and PVTG Habitations/Villages) under Pradhan Mantri Janjati Adivasi Nyaya Maha Abhiyan (PM JANMAN) and Dharti Abha Janjatiya Gram Utkarsh Abhiyan (DA JGUA).

**ANNEXURE II REFERRED TO IN REPLY TO PART (c) OF LOK SABHA STARRED
QUESTION NO. 224 FOR ANSWER ON 11.12.2024**

**DETAILS OF FUND RELEASED TO STATES/ UTs UNDER SOLAR PARK SCHEME IN
LAST 3 YEARS**

State/UT	2021-22 (Rs in Crore)	2022-23 (Rs in Crore)	2023-24 (Rs in Crore)
Chhattisgarh	0.0	0.0	14.3
Gujarat	28.0	522.2	505.1
Karnataka	40.0	0.0	0.0
Kerala	0.0	2.5	0.0
Ladakh	0.0	0.0	0.0
Madhya Pradesh	50.8	109.4	59.3
Maharashtra	0.0	12.0	0.0
Mizoram	0.5	1.3	0.0
Rajasthan	87.2	0.0	97.5
Uttar Pradesh	0.9	28.8	39.3
Total	207.3	676.1	715.5

ANNEXURE II

**DETAILS OF FUND RELEASED TO STATES/ UTs UNDER SOLAR ROOF TOP
SCHEME IN LAST 3 YEARS**

State/UT	2021-22 (Rs in Crore)	2022-23 (Rs in Crore)	2023-24 (Rs in Crore)
Andhra Pradesh	2.1	5.6	3.0
Assam	0.4	4.9	2.0
Bihar	0.0	0.0	9.3
Chandigarh	0.0	2.0	3.3
Chhattisgarh	1.2	3.3	1.2
Goa	3.6	0.0	0.0
Gujarat	1214.7	1040.2	639.1
Haryana	7.7	14.7	13.5
Himachal Pradesh	13.8	11.7	2.4
J& K	20.2	1.2	0.0
Jharkhand	6.6	3.0	0.0
Karnataka	0.0	9.9	7.9
Kerala	36.3	102.5	104.2
Madhya Pradesh	0.0	35.0	3.8
Maharashtra	63.1	55.7	182.0
Manipur	4.7	0.0	0.9
Mizoram	0.0	0.8	0.0
Delhi	26.2	10.8	4.5
Odisha	0.0	0.6	2.8
Punjab	16.6	45.8	12.2
Rajasthan	10.4	96.3	83.0
Tamil Nadu	0.0	20.5	9.6
Telangana	16.1	43.9	23.2
Uttarakhand	10.6	1.7	0.0
Uttar Pradesh	5.9	2.4	7.2
West Bengal	0.0	10.2	0.0
Total	1460.2	1522.7	1115.1

ANNEXURE II

**DETAILS OF FUND RELEASED TO STATES/UTs UNDER PM-KUSUM SCHEME IN
LAST 3 YEARS**

States/UT	2021-22 (Rs in Crore)	2022-23 (Rs in Crore)	2023-24 (Rs in Crore)
Arunachal Pradesh	0.00	0.82	2.12
Gujarat	0.00	7.83	28.72
Haryana	161.12	137.95	429.78
Himachal Pradesh	0.00	5.85	0.00
Jammu & Kashmir	0.00	15.69	0.00
Jharkhand	0.00	20.04	2.36
Karnataka	0.00	0.00	2.38
Kerala	0.00	0.00	28.53
Madhya Pradesh	0.00	0.00	0.80
Maharashtra	9.60	247.60	330.21
Manipur	0.00	0.23	0.17
Meghalaya	0.00	0.00	0.31
Nagaland	0.00	0.20	0.18
Odisha	0.00	0.00	7.69
Punjab	23.70	31.11	5.41
Rajasthan	153.49	247.63	49.41
Tamil Nadu	20.30	0.00	2.59
Tripura	7.36	0.12	17.81
Uttar Pradesh	13.73	82.30	92.13
Uttarakhand	0.00	4.00	0.00
Total	389.3	801.37	1000.6

ANNEXURE II

DETAILS OF FUND RELEASED TO STATES/ UTs UNDER CPSU SCHEME IN LAST 3 YEARS

States/UT	2021-22 (Rs in Crore)	2022-23 (Rs in Crore)	2023-24 (Rs in Crore)
CPSU Scheme Phase-I			
Dadra & Nagar Haveli and Daman & Diu	0.00	1.50	0.00
Madhya Pradesh	0.00	32.25	0.00
Total	0.00	33.75	0.00
CPSU Scheme Phase-II (Tranches I & II)			
Assam	0.00	0.00	6.80
Bihar	0.00	1.75	0.00
Gujarat	0.00	0.00	11.21
Rajasthan	0.00	0.00	380.1
Tamil Nadu	0.00	0.00	80.50
Telangana	27.37	0.00	27.39
Total	27.37	1.75	506.00
CPSU Scheme Phase-II (Tranche-III)			
Andhra Pradesh	0.00	0.00	22.45
Gujarat	0.00	0.00	134.70
Karnataka	0.00	0.00	112.35
Rajasthan	0.00	0.00	311.97
Tamil Nadu	0.00	0.00	0.47
Total	0.00	0.00	581.94

**ANNEXURE III REFERRED TO IN REPLY TO PART (d) OF LOK SABHA STARRED
QUESTION NO. 224 FOR ANSWER ON 11.12.2024**

STATE-WISE INSTALLED CAPACITY OF SOLAR ENERGY (AS ON 31.10.2024)

Sl. No.	State/UT	Installed capacity (MW)
1	Andhra Pradesh	4650.89
2	Arunachal Pradesh	14.72
3	Assam	180.77
4	Bihar	257.34
5	Chhattisgarh	1265.78
6	Goa	47.86
7	Gujarat	15305.26
8	Haryana	1905.19
9	Himachal Pradesh	137.29
10	Jammu & Kashmir	73.89
11	Jharkhand	181.04
12	Karnataka	8930.10
13	Kerala	1261.76
14	Ladakh	7.80
15	Madhya Pradesh	4248.69
16	Maharashtra	8133.57
17	Manipur	13.79
18	Meghalaya	4.28
19	Mizoram	30.35
20	Nagaland	3.17
21	Odisha	608.38
22	Punjab	1375.79
23	Rajasthan	24553.13
24	Sikkim	7.56
25	Tamil Nadu	9324.05
26	Telangana	4842.10
27	Tripura	20.93
28	Uttar Pradesh	3286.98
29	Uttarakhand	592.07
30	West Bengal	310.47
31	Andaman & Nicobar Islands	29.91
32	Chandigarh	75.51
33	Dadra & Nagar Haveli and Daman & Diu	48.12
34	Delhi	288.39
35	Lakshadweep	4.97
36	Puducherry	52.27
37	Others including NABARD projects	45.01
	Total (MW)	92119.18