

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 305
ANSWERED ON 05/12/2023

SOLAR ENERGY POLICY

305. DR. ANIL SUKHDEORAO BONDE

Will the Minister of New and Renewable Energy be pleased to state:

- (a) the details of solar energy policy of Government and the salient features thereof;
- (b) the status of implementation of the said policy, State-wise;
- (c) the details of schemes currently in operation to encourage use of solar energy at domestic level;
- (d) whether Government provides/proposes to provide financial assistance for installation/promotion of small roof top solar systems for domestic use; and
- (e) if so, the details thereof?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) to (c) In order to promote development of solar energy in the country, the National Solar Mission (NSM) was launched in January 2010 under which the Government introduced various schemes from time to time. The list of operational schemes are given at **Annexure-I**. The state - wise solar power installed capacity is given at **Annexure -II**

(d) &(e) The Ministry is implementing Phase II of the Roof Top Solar (RTS) Programme since **August 2019** under which CFA is provided for residential households and resident welfare association (RWA) / group housing societies (GHS). The CFA for rooftop solar projects up to 3 kW capacity in residential households is presently provided at Rs. 14588/- per kW. CFA for rooftop solar project capacity above 3 KW and up to 10 kW is provided at Rs. 7294/- per kW. Rooftop solar project capacity above 10 kW in residential households is not eligible for any CFA. For Group Housing Societies/Residential Welfare Associations (GHS/RWA) CFA is limited to Rs. 7294/- per kW for the installation of a Roof Top Solar (RTS) plant for the supply of power to common facilities. The capacity eligible for CFA for GHS/ RWA is limited to 10 kWp per house and not more than 500 kWp aggregate, inclusive of RTS already installed on individual houses in that GHS/ RWA at the time of installation of RTS for common activity.

**ANNEXURE-I REFERRED TO IN REPLY TO PART (a),(b) &(c) OF RAJYA SABHA
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**LIST OF MAJOR OPERATIONAL SCHEMES TO PROVIDE BENEFITS OF SOLAR
ENERGY IN THE COUNTRY**

1. Solar Park Scheme for setting up of at least 50 Solar Parks targeting 40,000 MW of solar power projects.
2. Scheme for setting up 12,000 MW of Grid-Connected Solar PV Power Projects by the Government producers with Viability Gap Funding (VGF).
3. Installation of Grid-Connected Solar Rooftop Power Plants.
4. Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM).
5. Production-linked incentive scheme under “National Programme on high efficiency Solar PV Modules.”
6. Green Energy Corridor Scheme for Intra-State Transmission System.

**ANNEXURE-II REFERRED TO IN REPLY TO PART (a),(b) &(c) OF RAJYA SABHA
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State-wise details of solar capacity installed in the country (as on 31-10-2023)

Sr. No.	State/UT	Cumulative Capacity till 31-03-2023 (MW)	Capacity added in 2023-24 till 31-10-2023 (MW)	Cumulative Capacity till 31-10-2023 (MW)
1	Andaman & Nicobar	29.91	0.00	29.91
2	Andhra Pradesh	4534.19	21.01	4555.20
3	Arunachal Pradesh	11.64	0.15	11.79
4	Assam	147.93	7.88	155.81
5	Bihar	192.88	30.66	223.54
6	Chandigarh	58.69	5.36	64.05
7	Chhattisgarh	948.82	66.43	1015.24
8	Dadra & Nagar Haveli	5.46	0.00	5.46
9	Daman & Diu	41.01	0.00	41.01
10	Delhi	218.26	18.15	236.41
11	Goa	26.49	9.27	35.76
12	Gujarat	9254.56	1163.01	10417.56
13	Haryana	1029.16	195.14	1224.30
14	Himachal Pradesh	87.49	24.06	111.55
15	Jammu & Kashmir	49.44	5.54	54.98
16	Jharkhand	105.84	15.93	121.77
17	Karnataka	8241.40	1105.78	9347.18
18	Kerala	761.43	97.25	858.68
19	Ladakh	7.80	0.00	7.80
20	Lakshadweep	3.27	1.50	4.77
21	Madhya Pradesh	2802.14	365.78	3167.92
22	Maharashtra	4722.90	341.56	5064.46
23	Manipur	12.28	0.76	13.03
24	Meghalaya	4.15	0.04	4.19
25	Mizoram	28.02	2.41	30.43
26	Nagaland	3.04	0.00	3.04
27	Odisha	453.17	12.06	465.23
28	Puducherry	35.53	7.73	43.27
29	Punjab	1167.26	99.28	1266.55

30	Rajasthan	17055.70	1033.52	18089.21
31	Sikkim	4.69	0.00	4.69
32	Tamil Nadu	6736.43	428.16	7164.59
33	Telangana	4666.03	46.95	4712.98
34	Tripura	17.60	0.86	18.47
35	Uttar Pradesh	2515.22	117.39	2632.61
36	Uttarakhand	575.53	0.00	575.53
37	West Bengal	179.97	14.09	194.06
38	Others including NABARD	45.01	0.00	45.01
Total		66780.32	5237.70	72018.02

(72.02 GW includes 55.71 GW from Ground Mounted, 11.08 GW from Rooftop, 2.55 GW from Solar Component of Hybrid Projects & 2.68 GW from Off-Grid Solar)