

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1095
ANSWERED ON 28.07.2026

MODEL SOLAR VILLAGES

1095. SHRI ADITYA PRASAD
SHRI BABUBHAI JESANGBHAI DESAI
SHRI MAYANK KUMAR NAYA
SHRI AMAR PAL MAURYA
DR. MEDHA VISHRAM KULKARNI
SHRI RAJESH PARMANAND SHUKLA
SHRI KESRIDEVSINH JHALA
SHRI CHUNNILAL GARASIYA
SHRI JAGGESH
SHRI RAJINDER GUPTA

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

- (a) the criteria and parameters adopted for the selection of Model Solar Villages under the PM Surya Ghar: Muft Bijlee Yojana in the country, especially in Tripura, Jharkhand and Uttar Pradesh;
- (b) the number of Model Solar Villages selected across the country and the progress achieved so far, State-wise including district-wise details of Tripura, Jharkhand and Uttar Pradesh;
- (c) the financial assistance and other incentives provided by Government to promote the installation of rooftop solar systems in rural areas; and
- (d) the manner in which the Model Solar Village initiative is contributing to rural energy access, clean energy adoption and sustainable development in the country including Tripura, Jharkhand and Uttar Pradesh?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

(a) & (b) MNRE has issued operational guidelines providing criteria and parameters for the selection of the Model Solar Villages (MSV) under the PM Surya Ghar: Muft Bijli Yojana (PMSG: MBY).

To be eligible for consideration as a Model Solar Village, the village must be in rural areas, fulfilling the following criteria including in Tripura, Jharkhand and Uttar Pradesh:

- i. The village must be a revenue village with a population exceeding 5,000, as per the latest published Census.
- ii. In the case of Special Category States and Union Territories-namely Uttarakhand, Himachal Pradesh, Jammu & Kashmir, Ladakh, all North Eastern States including Sikkim, and Andaman & Nicobar Islands and Lakshadweep-revenue villages with a population size of more than 2,000 as per the latest published census would be eligible.

- iii. In districts where fewer than 10 villages meet the above population criteria, the District Level Committee (DLC) may select the 10 most populous villages in the district for consideration under the competition mode of the Model Solar Village initiative.
- iv. The DLC may also consider expanding the scope of the Model Solar Village initiative to a Model Solar Panchayat.

Under the MSV component of PMSG: MBY, the state implementing agencies have reported that MSVs have been declared in 455 districts. The State-wise details are given in **Annexure I** and district-wise details for Tripura, Jharkhand and Uttar Pradesh states are given in **Annexure II**.

(c) The Central Financial Assistance (CFA) available for installation of rooftop solar (RTS) plants in the residential households including the rural areas of the country under the PM Surya Ghar Muft Bijli Yojana (PMSG: MBY) is as follows:

Type of Residential Segment	CFA	CFA (Special Category States/UTs)
Residential Sector (first 2 kWp of RTS capacity or part thereof)	Rs.30,000/kWp	Rs.33,000/kWp
Residential Sector (with additional RTS capacity of 1 kWp or part thereof)	Rs.18,000/kWp	Rs.19,800/kWp
Residential Sector (additional RTS capacity beyond 3 kWp)	No additional CFA	No additional CFA
Group Housing Societies/ Residential Welfare Associations (GHS/RWA) etc. for common facilities including EV charging up to 500 kWp (@ 3 kWp per house)	Rs.18,000/kWp	Rs.19,800/kWp

In addition, scheme has provision for providing financial support amounting upto Rs. 1 Cr per village for development of Model Solar Villages, one in each district and incentive of Rs. 1000 per RTS installation to local bodies including Panchayat Raj Institutions (PRIs) at the Gram Panchayat level so that they are able to push the deployment of residential rooftop solar within their respective jurisdictions and undertake local mobilization efforts to maximize the number of installations under the scheme.

(d) The MSV component under PMSG: MBY aims to promote the adoption of rooftop solar in rural areas by developing one Model Solar Village in each district of the country including the states of Tripura, Jharkhand and Uttar Pradesh. The initiative encourages village communities to maximize the use of rooftop solar systems, thereby improving access to clean and affordable energy, reducing dependence on conventional sources of electricity, lowering electricity expenditure for rural households, and contributing to environmental sustainability through reduction in carbon emissions.

Annexure I referred to in reply of part (a) & (b) of Rajya Sabha Unstarred Question No. 1095 to be answered on 28.07.2026 regarding Model Solar Villages

State-wise Progress of the Model Solar Village (MSV) Component of PMSG: MBY in the country including Tripura, Jharkhand and Uttar Pradesh (as on 16.07.2026)

S No.	State	MSV Declared
1	Andhra Pradesh	12
2	Arunachal Pradesh	12
3	Assam	5
4	Bihar	1
5	Chhattisgarh	32
6	Goa	2
7	Gujarat	26
8	Haryana	13
9	Himachal Pradesh	10
10	Jammu & Kashmir	20
11	Jharkhand	1
12	Karnataka	12
13	Ladakh	2
14	Madhya Pradesh	38
15	Maharashtra	17
16	Manipur	12
17	Mizoram	11
18	Nagaland	9
19	Odisha	1
20	Punjab	23
21	Rajasthan	41
22	Sikkim	6
23	Tamil Nadu	36
24	Telangana	28
25	Tripura	2
26	Uttar Pradesh	70
27	Uttarakhand	13
	Total	455

Annexure II referred to in reply of part (a) & (b) of Rajya Sabha Unstarred Question No. 1095 to be answered on 28.07.2026 regarding Model Solar Villages

District-wise Progress of the Model Solar Village (MSV) Component of PMSG: MBY in Tripura, Jharkhand and Uttar Pradesh (as on 16.07.2026)

S No.	State Name	District Name	Village Name
1	Jharkhand	Chatra	Gidhaur
2	Tripura	Gomati	Silachari
3		South Tripura	Satchand
4	Uttar Pradesh	Auraiya	Harchandpur
5		Bagpat	Pura
6		Barabanki	Gadia
7		Basti	Mahso Khas
8		Firozabad	Donkeli
9		Ghazipur	Andhaun
10		Hamirpur	Patara Danda
11		Jhansi	Simrawari
12		Lucknow	Mati
13		Mainpuri	Kakan
14		Meerut	Khejuri Alyarpur
15		Prayagraj	Singraur Uprhar
16		Shahjahanpur	Ballia
17		Siddharthnagar	Hallaur (CT) WARD NO.-0001
18		ayodhya	Narauli
19		kushinagar	Khajuria
20		lakhimpur kheri	Multanpur Grant
21		mathura	Aring
22		muzaffarnagar	Roniharji Pur
23		pilibhit	Amaria
24		saharanpur	Chackwali

25		ambedkarnagar	Son Gaon
26		Hardoi	Bharawan
27		Mirzapur	Bharuhana (CT) WARD NO.-0001
28		Sitapur	Hempur
29		Banda	Mahotara
30		Lalitpur	Madawra
31		Sonbhadra	Bahura
32		Unnao	Hilauli
33		Varanasi	Pure
34		Raibareilly	Johwa Sharki
35		Bahraich	Semari Malmala
36		Farrukhabad	Papiha Pur
37		Mahoba	Mudhari
38		Agra	Bamrauli Katara
39		Amethi	Kamrauli
40		Ballia	Mairitar
41		Balrampur	Sirsia
42		Jalaun	Khaksis
43		Jaunpur	Patahana
44		Kanpur Dehat	Kashipur
45		Kanpur Nagar	Rampur Bhimsen
46		Kasganj	Panchgai
47		Maharajganj	Pipara Barhaman Urf Barigaon
48		Mau	Rasulpur Inamuddinpur
49		Pratapgarh	Sarai Nahar Rai
50		Rampur	Singan Khera
51		Shamli	Harar Fatehpur
52		Shrawasti	Patna Khargora
53		Sultanpur	Pratappur Kamaicha

54		Azamgarh	Ranipur Rajmo
55		Bareilly	Kholadia
56		Bhadohi	Gird Baragaon (CT) WARD NO.-0001
57		Budaun	Rijola
58		Bulandshahr	Shekhpur Garhwa
59		Chandauli	Sikandarpur
60		Chitrakoot	Rasin
61		Deoria	Pakaha
62		Etah	Jirsami
63		Fatehpur	Mauhar
64		Gautam Buddha Nagar	Dujana
65		Ghaziabad	Surana
66		Gonda	Sonoli Mohammadpur
67		Gorakhpur	Jangl Dhoosar
68		Hapur	Upeda
69		Kannauj	Midhauli
70		Kaushambi	Tilhapur
71		Moradabad	Baheri Brahmnan
72		Sambhal	Rampura
73		Sant Kabir Nagar	Bisauwa

