

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 5350**  
ANSWERED ON 25.03.2026

**IMPACT OF PM-SGMBY IN REDUCING CARBON EMISSIONS**

5350. SHRI ASHISH DUBEY

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

- (a) whether the Government has assessed the impact of increase in renewable energy capacity distributed under the Pradhan Mantri- Surya Ghar Muft Bijli Yojana (PM-SGMBY) and the resulting reduction in carbon emissions;
- (b) if so, the details of the estimated rooftop solar capacity added under the scheme so far;
- (c) the number of employment opportunities generated through the manufacturing, installation and maintenance of rooftop solar systems;
- (d) the details of the roadmap formulated for the expansion of the scheme to achieve long-term renewable energy and energy-accessibility goals; and
- (e) Whether the Government has formulated any district-wise roadmap under the PM-SGMBY to achieve long-term renewable energy and energy-accessibility goals and if so, the details thereof?

**ANSWER**

**THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER**

**(SHRI SHRIPAD YESSO NAIK)**

(a) & (b) Under the PM Surya Ghar Muft Bijli Yojana (PMSG: MBY), it has been estimated that RTS installation in one crore households will produce renewable electricity of 1,000 billion units, which will result in reduction of 720 million ton of CO<sub>2</sub>eq emission during the 25 years of lifetime for rooftop solar projects.

Since the launch of the PMSG: MBY in February 2024, a total of 9,566.89 MW rooftop solar (RTS) capacity has been added across the country, as on 20.03.2026.

(c) With the implementation of PMSG: MBY, it has been estimated that around 17 lakh jobs will be created in manufacturing, logistics, supply chain, sales and installations, O&M services, financial services, etc.

(d) & (e) The PMSG: MBY is a demand driven scheme wherein all residential consumers in the country, having grid connected electricity connection of the local DISCOM can avail the benefits of the scheme, for installation of RTS systems, by applying on the National Portal of the scheme.

The Ministry has taken the following measures to promote the rooftop solar adoption and achieve target of installation of rooftop solar for one crore households in the country, under the scheme:

- Online process from application to disbursement of subsidy directly into the bank account of the residential consumer through the National Portal.
- Availability of collateral-free loan from nationalized banks at a concessional interest rate of repo-rate plus 50 bps, i.e., 5.75% per annum for the present, with a tenure of 10 years.
- Simplified the regulatory approval process by waiving technical feasibility requirement and introducing auto load enhancement upto 10 kW.
- Net metering agreement has been made part of application in the National Portal.
- Included RESCO/Utility-Led Aggregation (ULA) Models
- Simplified process for registration of vendors to ensure sufficient and qualified vendors are available.
- Capacity building and training programmes being conducted for creating skilled manpower.
- Creating awareness about the scheme, through awareness and outreach program such as print advertising in leading newspapers, TV commercials campaigns, Radio campaigns across FM stations including regional channels, etc., in the country.
- Regular monitoring of the progress of the scheme at different levels including with states/DISCOMs.
- Conducted regional review meetings from time to time.
- Established grievance redressal mechanism for timely resolution of grievances. A Call Centre with telephone number 15555 is operational in 12 languages.

In addition, MNRE and REC Ltd., as the National Programme Implementing Agency (NPIA), for PMSG: MBY, work in close coordination with all the DISCOMs, for effective implementation of the scheme.

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