

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 4331
ANSWERED ON 26/03/2025

SOLAR POWER IN TAMIL NADU

4331.SHRI M K VISHNU PRASAD

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

- (a) whether there is any proposal to harness solar power in Cuddalore district of Tamil Nadu;
- (b) if so, the details thereof;
- (c) whether any initiatives have been proposed or taken to promote solar power for household usage in Cuddalore and surrounding districts which experience high temperatures during summer and if so, the details of thereof; and
- (d) whether there are any plans to set up solar power panels at Government colleges, schools, offices to reduce the usages of electricity in Tamil Nadu and if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

(a)to(c) Government has introduced various schemes to harness solar power in the country including Cuddalore district of Tamil Nadu. The list of operational schemes are given at **Annexure.**

Under Component -B of Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM - KUSUM), as on 28.02.2025, 80 number of stand-alone off-grid solar water pumps have been installed in Cuddalore district of Tamil Nadu.

Under PM Surya Ghar: Muft Bijli Yojana (PMSG: MBY), as on 19.03.2025, a total number of 3118 applications have been submitted on the National Portal and 412 number of households have been benefitted with installation of rooftop solar plant in the Cuddalore district of Tamil Nadu.

(d) Under PM Surya Ghar: Muft Bijli Yojana, saturation of Government buildings including colleges, schools, offices, etc. by installation of rooftop solar is one of the components of the scheme. Detailed Guidelines in this regard providing various implementation models and allocating Central Public Sector Enterprises (CPSEs) with experience in deployment of renewable energy technologies to assist Central Ministries & States/UTs in deploying rooftop solar on their buildings, has been issued.

**ANNEXURE 0REFERRED TO IN REPLY OF PART (a), (b) &(c) OF THE LOK SABHA
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List of the operational schemes to promote solar power 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 and providing free electricity up to 300 units every month for One Crore households.
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. The scheme is not only beneficial to the farmers but also to States and DISCOMs. States will save on subsidy being provided for electricity to agriculture consumers and DISCOMs get cheaper solar power at tail end saving transmission and distribution losses.
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 Aabha Janjatiya Gram Utkarsh Abhiyan (DA JGUA) with a provision for providing off-grid Solar Lighting where electricity supply through grid is not techno-economically feasible.