

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 4253
ANSWERED ON 26/03/2025

HYBRID RENEWABLE ENERGY PARKS

4253. SHRI KUNDURU RAGHUVVEER

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

- (a) whether the Government proposes to expand solar energy projects in Nalgonda district of Telangana and if so, the details thereof;
- (b) whether there is any proposal for hybrid renewable energy parks and if so, the details thereof; and
- (c) the steps being taken to increase solar adoption among farmers?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

- (a) The Government has introduced various schemes from time to time to promote development of solar energy projects in the country including Nalgonda district of Telangana. The list of operational schemes are given at **Annexure**.
- (b) At present there is no proposal for hybrid renewable energy parks. However, Renewable Energy Implementation Agencies [REIAs: Solar Energy Corporation of India Limited (SECI), NTPC Limited, NHPC Limited, SJVN Limited] issue tenders for setting up of wind-solar hybrid projects in the country.
- (c) Government has launched Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhhiyan (PM -KUSUM) Scheme in March, 2019 to provide financial support to the farmers for installation of standalone solar pumps, solarization of existing grid-connected agriculture pumps and to install solar power plants on their barren/ fallow/ agriculture land. The scheme has three Components:
 - (i) Component 'A': Setting up of 10,000 MW of Decentralized Ground/ Stilt Mounted Grid Connected Solar or other Renewable Energy based Power Plants by the farmers on their land;
 - (ii) Component 'B': Installation of 14 lakh standalone off-grid solar water pumps; and
 - (iii) Component 'C': Solarization of 35 lakh existing grid-connected agriculture pumps and through feeder level solarization (FLS).

**ANNEXURE REFERRED TO IN REPLY OF PART (a) 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.