

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 2064**  
ANSWERED ON 18/03/2025

**ACHIEVEMENT OF TARGETS UNDER PM-KUSUM**

2064. SMT. RAJANI ASHOKRAO PATIL  
SMT. PHULO DEVI NETAM

WILL THE MINISTER OF NEW AND RENEWABLE ENERGY BE PLEASED TO STATE:

- (a) the reasons for delays in achieving the targets of Components A and C of the PM-KUSUM scheme;
- (b) the measures being taken to encourage solarisation, particularly in States with low adoption;
- (c) the challenges identified in the implementation of Component B, particularly with respect to delays in the deployment of solar water pumps;
- (d) whether Government has conducted any impact evaluations of awareness campaigns, payment options, and increased central assistance on farmer participation under the scheme; and
- (e) the potential of leveraging agro-photovoltaic (Agro-PV) models and dual-use energy generation to align Components A and C with broader agricultural development goals?

**ANSWER**

**THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER  
(SHRI SHRIPAD YESSO NAIK)**

(a) to (b) PM KUSUM scheme was launched in March 2019 and suffered initial setbacks due to COVID-19 pandemic and supply chain disruptions. Subsequently, under Component A and Component C, the delays were largely due to unavailability of low-cost finance, requirement of collateral by Banks, land-related bottlenecks, etc. To address these issues, Ministry has taken proactive steps and issued simplified and comprehensive revised guidelines in January 2024, which provides for detailed procedure regarding identification of substation, online portal development, creation of land bank, land lease rent etc., addressing land and other technical bottlenecks.

Additionally, Component A was approved for inclusion under AIF in September 2024, thereby unlocking access to low cost finances.

(c) The main challenge under Component B has been the non-availability of timely and adequate state share. Some states have also taken time to conclude tenders leading to delay in installations.

(d) The Ministry has carried out extensive awareness programs & IEC activities under PM KUSUM. The impact evaluation of the scheme is ongoing by third parties.

(e) Currently Component A of the PM KUSUM scheme allows for setting up of decentralized ground mounted grid connected solar power plants in stilt fashion (also known as Agrivoltaics) by farmers on their land. Reports by third parties and institutes like the Central Arid Zone Research Institute (CAZRI), Jodhpur have found that Agri PV has huge potential for dual-use energy generation.

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