

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 6009**  
ANSWERED ON 01.04.2026

**SOLARISATION OF AGRICULTURAL INFRASTRUCTURE USED BY FARMERS**

6009. SHRI G LAKSHMINARAYANA

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

- (a) whether the Government has undertaken any initiatives for the solarisation of agricultural infrastructure such as greenhouses, polyhouses, shade-net houses and other protected cultivation structures used by farmers and if so, the details thereof;
- (b) whether the Government proposes to extend support under existing schemes such as Pradhan Mantri-Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM) or any other programme for installing solar panels on or around such on-field agricultural structures and if so, details thereof;
- (c) whether any pilot projects or studies have been undertaken to assess the feasibility of integrating solar energy with protected cultivation systems; and
- (d) if so, the details thereof including the States covered, funds allocated, utilised and outcomes achieved and if not, the reasons therefor?

**ANSWER**

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

**(SHRI SHRIPAD YESSO NAIK)**

- (a) The Ministry of New and Renewable Energy (MNRE) is implementing PM KUSUM scheme with all three components, including solarization of agriculture feeders. In relation to other agricultural infrastructure, Mission for Integrated Development of Horticulture, is implemented by Ministry of Agriculture and Farmers Welfare.
- (b) The implementation timeline of PM KUSUM scheme is extended till 31.03.2027 for all components of the scheme. A new scheme, PM KUSUM 2.0 is under consideration.
- (c) & (d) Many studies are available in public domain that assess the potential of co-locating agri & energy infrastructure. MNRE supports a Center of Excellence on Agrophotovoltaic with joint collaboration of National Institute of Solar Energy and Indian Agricultural Research Institute which are conducting studies on impact of Agrophotovoltaic on crop yield, productivity and feasibility of various crops that can be grown under the solar panels.

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