

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO-2538
ANSWERED ON-10/08/2021

NEW TECHNIQUES OF SOLAR ENERGY FOR FARMERS

2538#. SHRI REWATI RAMAN SINGH

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

(a) whether Government is focussing on feasibility and availability of new techniques of solar energy for the farmers of the country with the aim of providing augmented financial activities at rural level;

(b) the measures being taken by Government to provide alternative of clean energy to the rural people, especially women and children of rural areas in Uttar Pradesh by decreasing the consumption of firewood; and

(c) if so, the details thereof and, if not, the reasons therefor?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) Under Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM) Government is promoting generation of solar energy in decentralised mode in rural areas on barren/fallow land of farmers to ensure reliable day-time power to rural areas and another source of income to beneficiary farmers.

Under Component-B of PM-KUSUM, farmers can choose to install Universal Solar Pump Controller (USPC) with off-grid solar pumps. When irrigation is not required, the solar capacity installed can be utilized through USPC, to power other equipment such as chaff cutter, floor mill, cold storage, drier and charging batteries for home lighting etc.

Under Component-C of PM-KUSUM, feeder level solarisation has been included which will ensure reliable day-time power for irrigation activities.

Further, Ministry of New and Renewable Energy has issued Guidelines for innovative solar pumps to promote solar pump technologies with higher efficiencies leading to higher productivity for farmers.

(b)&(c) MNRE has been implementing New National Biogas and Organic Manure Programme(NNBOMP) in the country, including in the State of Uttar Pradesh. Under this Programme Central Financial Assistance (CFA) is provided for setting up of small biogas plants of size from 1 cubic metre to 25 cubic metre. The CFA for installation of small biogas plant varies from 7500/- per plant of size 1 cubic metre to 35,000/- per plant of size 25 cubic metre. Under the Programme a total of 4,41,161 biogas plants have been installed in the State of Uttar Pradesh till 31.3.2021.
