

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 945
TO BE ANSWERED ON 27.06.2019
USE OF SOLAR ENERGY

945. SHRI SANJAY KAKA PATIL

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

- (a) whether the Government proposes to launch new projects to increase the use of solar energy;
- (b) if so, the details thereof;
- (c) whether the Government also proposes to formulate any scheme to increase power generation and food production by using solar energy and green house technique collectively in view of the increasing population and if so, the details thereof;
- (d) whether the Government also proposes to invite or involve any agency or institution in this regard; and
- (e) if so, the details thereof?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI R. K. SINGH)

(a) and (b) The Union Government has launched various schemes, with the details as under, for increasing use of solar energy in the country:

- i. Solar Park Scheme for setting up of over 50 Solar Parks and Ultra Mega Solar Power Projects targeting over 40,000 MW of solar power projects.
- ii. Scheme for setting up 1000 MW of Grid-Connected Solar PV Power Projects by the Central Public Sector Undertakings (CPSUs) and the Government of India organisations with Viability Gap Funding (VGF).
- iii. Scheme for setting up 300 MW of Grid-Connected Solar PV Power Projects by Defence Establishments and Para Military Forces with VGF.
- iv. Pilot-cum-demonstration projects for development of grid connected solar PV power plants on canal banks and canal tops.
- v. Bundling Scheme - 15000 MW grid-connected solar PV power plants through NTPC Ltd./ NVVN.
- vi. VGF Scheme for setting up of 2000 MW of Grid Connected Solar PV Power Projects through SECI.
- vii. VGF Scheme for setting up of 5000 MW of Grid Connected Solar PV Power Projects through SECI.
- viii. Installation of Grid Connected Solar Rooftop Power Plants.
- ix. Off-Grid Solar PV Scheme.
- x. Kisan Urja Suraksha evam Utthaan Mahabhiyan (KUSUM).

(c) to (e) Government has launched a New Scheme for Farmers on 8.3.2019, which provides for:

- (i) installation of total 10000 MW capacity grid-connected renewable power plants each of capacity up to 2 MW in the rural area;
 - (ii) installation of 17.5 lakh standalone off-grid solar water pumps to fulfil irrigation needs of farmers not connected to grid;
 - (iii) solarization of 10 lakh existing grid-connected agriculture pumps to make farmers independent of grid supply and also sell surplus solar power generated to Discom and get extra income; and
- This will lead to increased availability and reliability of power in the rural area including for irrigation needs and thus leading to higher food production.

The scheme would be implemented by agencies designated by respective States/UTs.
