

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 3005
ANSWERED ON 29.03.2022

**CONTRIBUTION OF SOLAR POWER TO THE ENERGY REQUIREMENTS OF THE
COUNTRY**

3005. SHRI DEREK O' BRIEN

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

- (a) the percentage of total electricity generated in the country powered by renewable sources;
- (b) the steps being taken to promote decentralised solar power plants which give rise to more job creation; and
- (c) the contribution of solar energy to the nation's energy requirement?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) The percentage of total electricity generated in the country powered by renewable sources (including large hydro) is 22.32% for the year 2021-22 (up to January-2022).

(b) The Government has taken several steps to promote solar energy in the country. These include:-

- permitting Foreign Direct Investment (FDI) up to 100 percent under the automatic route,
- waiver of Inter State Transmission System (ISTS) charges for inter-state sale of solar and wind power for projects to be commissioned by 30th June 2025,
- declaration of trajectory for Renewable Purchase Obligation (RPO) up to the year 2022,
- setting up of Ultra Mega Renewable Energy Parks to provide land and transmission to RE developers on a plug and play basis,
- schemes such as Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM), Solar Rooftop Phase II, 12000 MW CPSU Scheme Phase II, etc,
- laying of new transmission lines and creating new sub-station capacity under the Green Energy Corridor Scheme for evacuation of renewable power,
- notification of standards for deployment of solar photovoltaic system/devices,
- setting up of Project Development Cell for attracting and facilitating investments,
- Standard Bidding Guidelines for tariff based competitive bidding process for procurement of Power from Grid Connected Solar PV and Wind Projects.
- Government has issued orders that power shall be dispatched against Letter of Credit (LC) or advance payment to ensure timely payment by distribution licensees to RE generators.
- Conducting skill development programmes to create a pool of skilled manpower for setting up, operation and maintenance of RE projects.

(c): The contribution of solar energy to the nation's electricity requirement for the year 2021-22 (upto January-2022) is 4.69%.
