

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 1081**  
ANSWERED ON 08/02/2024

**SHARE OF SOLAR ENERGY GENERATION**

1081. SHRI T.R. BAALU

Will the Minister of New and Renewable Energy be pleased to state:

- (a) whether the Government has drawn up any Master Plan to increase the share of solar energy generation in the country;
- (b) if so, the details thereof along with the targets and achievements made there under during the last three years and the plan for the next five years;
- (c) the steps taken/being taken by the Government to promote solar energy in the State of Tamil Nadu and physical and financial achievements made there under during the said period;
- (d) whether the Union and the State Governments are extending financial assistance to promote solar energy in residential households; and
- (e) 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) & (b) The Government has set a target of achieving 500 GW of installed capacity from non-fossil fuels by 2030, in line with the Hon'ble Prime Minister's announcement at CoP-26, held at Glasgow.

During the last three years, Solar Power Capacity of 31173.10 MW has been installed in the country.

(c) The steps taken by the Government to promote solar energy in the country, including the State of Tamil Nadu, are given at **Annexure -I**.

Solar capacity installed in Tamil Nadu in last three years is 2774.87 MW.

Funds released under solar schemes for Tamil Nadu in last three years is Rs 157.98 Crore.

(d) & (e) The Ministry of New and Renewable Energy (MNRE) launched the Rooftop Solar Programme Phase-II on 08.03.2019 with the objective to achieve 40 GW of rooftop solar (RTS). The Programme envisages the installation of 4,000 MW of RTS capacity in the residential sector by providing Central Financial Assistance (CFA). The CFA admissible for general category states is Rs. 18000/kW for the first 3 kW RTS capacity and Rs. 9000/kW for RTS capacity beyond 3 kW

and up to 10 kW. For special category states (North-eastern states including Sikkim, Uttarakhand, Himachal Pradesh, UT of Jammu & Kashmir, Ladakh, Lakshadweep, and Andaman & Nicobar Islands), the admissible CFA is Rs. 20000/kW for first 3 kW RTS capacity and Rs. 10000 /kW for RTS capacity beyond 3 kW and up to 10 kW. The Resident Welfare Associations/ Group Housing Societies (RWA/GHS) are also eligible to avail CFA for RTS installation in common facilities, up to a maximum of 500 kW capacity. The CFA admissible for RWA/GHS is Rs. 9000/kW in general category states and Rs. 10000/kW in special category states.

The Financial outlay of the Phase-II Rooftop Solar (RTS) programme is Rs.11,814 Crore which includes Rs.6,600 Crore of CFA and Rs.4,985 Crore of incentives to the Distribution Companies.

Financial assistance is also provided by few State Governments. Details are given at **Annexure - II**

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## **ANNEXURE-I REFERRED TO IN REPLY TO PART (c) OF LOK SABHA**

### **UNSTARRED QUESTION NO. 1081 FOR 08.02.2024**

#### **Details of measures taken to promote Solar energy in the Country**

- 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 30<sup>th</sup> June 2025,
- Declaration of trajectory for Renewable Purchase Obligation (RPO) up to the year 2029-30,
- 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.
- Notification of Promoting Renewable Energy through Green Energy Open Access Rules 2022.
- Notification of "The Electricity (Late Payment Surcharge and related matters) Rules (LPS rules).
- Launch of Green Term Ahead Market (GTAM) to facilitate sale of Renewable Energy Power through exchanges.

**ANNEXURE-II REFERRED TO IN REPLY TO PART (d) &(e)**  
**OF LOK SABHA UNSTARRED QUESTION NO. 1081 FOR 08.02.2024**  
**Details of Financial Assistance provided by different States for rooftop Solar**

<b>S. No.</b>	<b>State</b>	<b>Financial Assistance</b>
<b>1.</b>	Uttar Pradesh	Rs 15,000 per KW upto a maximum of Rs 30,000 per consumer
<b>2.</b>	Bihar	25% of the project cost for residential consumers
<b>3.</b>	Himachal Pradesh	Rs 6,000 per KW
<b>4.</b>	Goa	10% upto 3 KW; 20% subsidy from 3 KW to 10 KW and 50% for installations above 10 KW on residential rooftop.
<b>5.</b>	Kerala	100% subsidy to 800 BPL family houses.
<b>6.</b>	UT of Jammu and Kashmir	Subsidy of 25% for all capacities upto 10 KW.
<b>7.</b>	Uttarakhand	Rs 17,000 per KW up to a maximum of Rs 51,000 per consumer
<b>8.</b>	Daman and Diu	Rs. 10,000/- per KW up to 5KW for domestic consumers as a top up to CFA from MNRE
<b>9.</b>	Ladakh	Subsidy equivalent to the MNRE subsidy to 1000 applicants 3 KW each FY 2024-25