

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 333
ANSWERED ON 03.02.2022

RENEWABLE ENERGY PROJECTS IN WEST BENGAL

333. SHRI RAJU BISTA

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

- (a) the details of new and renewable energy capacity in West Bengal as on date, source-wise;
- (b) the details of the proposals received/approved for new and renewable energy projects in West Bengal during the last five years along with the proposals pending with the Government;
- (c) the details of power generated from various renewable energy sources in the districts of Darjeeling and Kalimpong;
- (d) the details of funds allocated/released towards new and renewable energy generation in the said districts;
- (e) whether the Government proposes to enhance roof-top solar energy generation capabilities and connecting them with the national grid; and
- (f) if so, the details thereof?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) The details of renewable energy capacity (including large hydro) installed in the state of West Bengal as on 31-12-2021 are given below:-

Source	Installed capacity (in MW)
Solar	163.95
Bio-power	322.45
Small Hydro	98.50
Large Hydro	1341.20
Total	1926.10

(b) A total of 226.08 MW renewable energy capacity (including large hydro) has been added in the State of West Bengal during the last five years and the current year i.e.2016-17 to 2021-22(upto December 2021).

A total of Rs 25.98 crore has been released as central financial assistance(CFA) for the implementation of renewable energy projects in the State of West Bengal during last five years and current year i.e. 2016-17 to 2021-22 (upto January 2022).

(c) The details of power generated through various renewable energy sources (including large hydro) in the state of West Bengal including the districts of Darjeeling and Kalimpong during last five years and current year i.e. 2016-17 to 2021-22 (upto November 2021) are given below:-

Year	Generation (in million units)
2016-17	4409.05
2017-18	3878.53
2018-19	4406.00

2019-20	4391.42
2020-21	4742.98
2021-22 (upto November 2021)	4786.26

(d) A total of Rs 25.98 crore has been released as central financial assistance(CFA) for the implementation of renewable energy projects in the State of West Bengal including the districts of Darjeeling and Kalimpong during last five years and current year i.e. 2016-17 to 2021-22 (upto January 2022).

(e) & (f) The Ministry of New and Renewable Energy is implementing Phase-II of the grid connected rooftop solar programme in the country for promoting installation of Rooftop Solar systems (RTS). Under this Programme Central Financial Assistance (CFA) upto 40% of the benchmark cost is provided for RTS projects upto 3 kW capacity and upto 20% for RTS system capacity beyond 3 kW and up to 10 kW for individual households. For Group Housing Societies/Residential Welfare Associations (GHS/RWA), CFA is limited to 20% for RTS plants for supply of power to common facilities subject to maximum capacity of 500 kW. The programme is being implemented through power distribution companies (DISCOMs)/Electricity Department of States and UTs. Aggregate capacity of around 3.16 GW has been allocated to Electricity Departments /DISCOMs of various States and UTs, under the Phase-II programme out of which 1.18 GW has been installed as on 31.12.2021.

The Phase II of the programme also has provision of providing incentives to DISCOMs. As per scheme, DISCOMs get the incentive for addition of capacity achieving in the financial year above the baseline capacity as on 31st March of the previous year. There is no incentive for capacity addition up to 10% of base capacity, 5% incentives for addition beyond 10% of base capacity and up to 15% of base capacity and 10% incentives for addition beyond 15% of base capacity.
