

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO. 1114
ANSWERED ON 09.12.2025

RENEWABLE ENERGY PROJECTS IN MADHYA PRADESH

1114. SHRI ASHOK SINGH

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

- (a) the details of ongoing and upcoming renewable energy projects in the Bundelkhand region;
- (b) whether any projects for Battery Energy Storage Systems (BESS) are being executed in the State of Madhya Pradesh, if so, the details thereof;
- (c) the contribution of renewable energy produced in the State of Madhya Pradesh to the total nationally produced renewable energy; and
- (d) whether the Ministry is providing any support to new startups or MSMEs in the renewable energy sector especially those involved in the manufacturing of solar equipments, battery storage systems, power electronics etc?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

- (a) As per the information received from Uttar Pradesh New & Renewable Energy Development Agency (UPNEDA) and Madhya Pradesh Urja Vikas Nigam Limited (MPUVN), the details of ongoing and upcoming renewable energy projects in the Bundelkhand region are given at **Annexure-I**.
- (b) As per the information received from Ministry of Power, under the Viability Gap Funding (VGF) scheme supported through Power System Development Fund (PSDF), 1500 MWh of Battery Energy Storage System (BESS) capacity has been allocated to Madhya Pradesh for implementation, wherein VGF amount of Rs. 18 Lakhs/ MWh will be provided by the Central Government.
- (c) As per the Central Electricity Authority (CEA) electricity generation report for the month of October, 2025, during the FY 2025-26 (upto October, 2025) the total electricity generation from renewable energy sources in the country is 311.954 Billion Units (BU) out of which contribution from the State of Madhya Pradesh is 13.952 BU (i.e. 4.47%).
- (d) The Ministry of New & renewable Energy is implementing a “Renewable Energy Research and Technology Development Programme (RE-RTD)” through various research institutions and industry to develop indigenous technologies and manufacturing for widespread applications of new and renewable energy including manufacturing of solar equipment, energy storage and power electronics in an efficient and cost-effective manner in the country. Under the RE-RTD programme, the Ministry provides up to 100% financial support to Government/non-profit research organizations and upto 70% to Industry, start-ups, private Institutes, entrepreneurs, and manufacturing units.

The Ministry is also supporting startups through the new and innovative uses/applications under National green Hydrogen Mission with a budget of 100 crore. Each selected startup may get upto Rs. 5 crore grant.

Further, as per the information received from Ministry of Power, the Government, in September 2023, has approved the Viability Gap Funding (VGF) scheme for the development of Battery Energy Storage Systems (BESS), with a budgetary allocation of Rs 3,760 Cr. This funding is capped at 40% of the estimated Rs 9,400 Cr capital expenditure required to develop 4,000 MWh BESS capacity. Due to decline in prices of BESS in the recent past, higher BESS capacity of 13,220 MWh is planned under the scheme within the sanctioned VGF amount.

Considering the increasing demand of BESS, Ministry of Power, in June 2025, has approved a VGF scheme for development of 30 GWh of BESS supported through Power System Development Fund (PSDF) with a total financial support of Rs. 5400 crore. Thus, Ministry of Power is targeting installation of 43.2 GWh of BESS capacity under the VGF schemes for BESS development.

**Annexure-I referred to in reply of part (a) of the Rajya Sabha Unstarred Question
No. 1114 to be answered on 09.12.2025****A. Details of ongoing and upcoming renewable energy projects in the Bundelkhand region in Uttar Pradesh****Ongoing renewable energy projects**

Solar Parks		
Sr. no	District	Capacity (MW)
1	Jhansi	600
2	Lalitpur	600
3	Chitrakoot	800
4	Jalaun	1200
Other renewable energy project		
1	Lalitpur	450
2	Mahoba	141.2
3	Banda	3.2
4	Chitrakoot	4.4
5	Hamirpur	0.7
6	Jaulun	10.4

Upcoming renewable energy projects

Sr. no	District	Capacity (MW)
1	Jhansi	160
2	Jalaun	545
3	Chitrakoot	70
4	Mahoba	50
5	Hamirpur	59

B. Details of ongoing and upcoming renewable energy projects in the Bundelkhand region in Madhya Pradesh

RUMSL (Rewa Ultra Mega Solar Limited): An upcoming renewable energy project is planned for the Bundelkhand region. Sagar Solar Park, proposed to be developed with an installed capacity of 300 MW along with Battery Energy Storage System (BESS), which is located within the Bundelkhand area. At present, the project is in its initial stages, and the process of land allotment is underway. Further development activities will commence upon the land allotment.

Further, there are ongoing and upcoming RE projects of 166.40 MW capacity under Component-A of PM-KUSUM scheme in Bundelkhand area; and under Component B of PM KUSUM scheme, there are 2 ongoing projects, 3701 upcoming projects and 617 completed projects.