

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1557
ANSWERED ON 04/12/2024

ENERGY THROUGH WIND MILLS

1557. SHRI BALABHADRA MAJHI

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

- (a) the details of the States where energy is produced through Wind Mills;
- (b) the number of wind mills are set up in the country along with their production capacity;
- (c) where there any area in Odisha where energy can be produced by Wind Mills; and
- (d) if so, the details thereof and the action taken in this regard?

ANSWER

THE MINISTER OF STATE FOR NEW & RENEWABLE ENERGY AND POWER

(SHRI SHRIPAD YESSO NAIK)

(a) & (b) The total installed wind energy capacity in the country is about 47.71 GW, as on 31.10.2024. The State-wise details are given in Annex – I. As per Consolidated Energy Consultants Limited's Directory Indian Windpower 2024, as on 31.03.2024, around 38360 numbers of wind turbines of capacity ranging from 225 kW to 5200 kW are installed in the country.

(c) & (d) The wind resource assessment conducted by the National Institute of Wind Energy indicates an estimated wind power potential of about 12129 MW at 150 meter above ground level in the state of Odisha. It indicates wind potential sites in the district of Koraput, Nabarangpur, Rayagada, Puri, Khordha, Jagatsinghpur, Ganjam, Balasore and Kendrapara. The 'Renewable Energy Policy 2022' issued by Government of Odisha *inter alia* provides allotment of wind power projects on first come first serve basis and procurement of upto 500 MW power at generic tariff determined by Odisha Electricity Regulatory Commission.

State-wise wind power installed capacity

STATE	Cumulative wind power capacity as on 31.10.2024 (MW)
Andhra Pradesh	4096.65
Gujarat	12314.48
Karnataka	6724.36
Kerala	63.5
Madhya Pradesh	2844.29
Maharashtra	5216.38
Rajasthan	5195.82
Tamil Nadu	11128.84
Telangana	128.1
Others	4.3
Total	47716.72