

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
STARRED QUESTION NO. 132
ANSWERED ON 15.12.2022

WIND POWER CAPACITY

*132. SHRI KOTHA PRABHAKAR REDDY

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

- (a) whether so far, only 40 GW of wind power capacity has been established and if so, the details thereof;
- (b) whether wind industry installations have been slowing down in the country since 2017 and only 1.45 GW of wind projects were installed in 2021 with many delayed due to the second wave of Covid-19 and supply chain related disruptions and if so, the details thereof;
- (c) whether the Government granted a blanket timeline extension for seven and a half months after the Scheduled Commissioning Date (SCD) for projects with Power Purchase Agreements (PPAs) signed before June, 2021 which pushed the SCD of 0.7 GW projects to 2022, slowed down project activity and made it costlier than solar power;
- (d) whether new wind-solar hybrid projects are likely to be set up across the country; and
- (e) if so, the details along with the present status thereof?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) to (e) A Statement is laid on the Table of the House.

**Statement referred to in reply to parts (a) to (e) of Lok Sabha Starred Question No. 132
to be answered on 15.12.2022 regarding Wind Power Capacity**

(a) As on 30th November 2022, wind power projects of 41,895 MW have been commissioned and 12,111 MW capacity are at various stages of implementation in the country. The state wise details of commissioned wind power projects are at **Annexure I**.

(b) & (c) COVID-19 caused supply chain disruptions which led to slow down of wind power installations. Because of this, the Government extended the timelines by 5 months on account of first wave of COVID and 2.5 months on account of second wave of COVID for all renewable energy projects including wind energy projects implemented by its implementing agencies. In addition, in order to provide relief to wind power project developers on account of supply chain disruption due to second COVID-19 surge, the Ministry decided that for wind power projects for which the PPAs were signed and orders for WTGs were placed before 15th June, 2021, the implementing agencies can allow an additional time extension up to 3 (three) months in the Scheduled Commissioning Date.

(d) & (e) The wind solar hybrid projects of total 5420 MW capacity have been awarded by various centre and state agencies, out of which projects of 1440 MW capacity are already commissioned. The details of wind solar hybrid projects awarded are at **Annexure II**.

Annexure I referred to in reply to part (a) of the Lok Sabha Starred Question No. 132 for 15.12.2022

Wind Power installed capacity (as on 30th November 2022)

STATE	Cumulative wind power capacity (MW)
Andhra Pradesh	4096.65
Gujarat	9860.62
Karnataka	5268.15
Kerala	62.50
Madhya Pradesh	2844.29
Maharashtra	5012.83
Rajasthan	4681.82
Tamil Nadu	9936.01
Telangana	128.10
Others	4.30
Total	41895.27

Annexure II referred to in reply to part (d) & (e) of the Lok Sabha Starred Question No. 132 for 15.12.2022

Sl. No.	Bid	Capacity Awarded (MW)	Capacity Commissioned (MW)	Bidding Agency	Minimum Tariff (Rs/ unit)
1.	SECI Wind Solar Hybrid Tranche I	840	840	Central	2.67
2.	SECI Wind Solar Hybrid Tranche-II	600	600	Central	2.69
3.	SECI Wind Solar Hybrid Tranche-III	1110	0	Central	2.41
4.	SECI Wind Solar Hybrid Tranche-IV	1200	0	Central	2.34
5.	MSEDCL	500	0	State	2.62
6.	SECI Wind Solar Hybrid Tranche-IV	1170	0	Central	2.53
	Total	5420	1440		