

GOVERNMENT OF INDIA  
MINISTRY OF NEW AND RENEWABLE ENERGY  
**LOK SABHA**  
**STARRED QUESTION NO. 260**  
ANSWERED ON 17.12.2025

**OFFSHORE WIND ENERGY POTENTIAL IN KARNATAKA**

**\*260. CAPTAIN BRIJESH CHOWTA**

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

- (a) whether any feasibility surveys or wind resource assessments have been conducted along the Karnataka coast, particularly in Dakshina Kannada district since 2020 to evaluate offshore wind potential and if so, the details thereof and if not, the reasons therefor;
- (b) whether any projects have been sanctioned or private developers shortlisted for setting up offshore wind farms off Dakshina Kannada district and if so, the details thereof;
- (c) whether any funds have been allocated for environment and geophysical impact studies, seabed bathymetry mapping and associated transmission infrastructure in the district and if so, the details of quantum of funds and utilization status thereof; and
- (d) whether there is a strategic plan for designating Dakshina Kannada district as a regional hub for offshore wind energy generation aligned with national targets towards the year 2032 and if so, the details of roadmap thereof?

**ANSWER**

**THE MINISTER OF NEW & RENEWABLE ENERGY AND CONSUMER AFFAIRS,  
& FOOD AND PUBLIC DISTRIBUTION  
(SHRI PRALHAD JOSHI)**

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

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## **STATEMENT**

**Statement referred to in reply to parts (a) to (d) of the Lok Sabha Starred Question No. 260 to be answered on 17.12.2025 regarding 'Offshore Wind Energy Potential in Karnataka' asked by Captain Brijesh Chowta**

(a) to (d) National Institute of Wind Energy, an autonomous organisation under Ministry of New and Renewable Energy, has carried out the offshore wind power resource assessments to evaluate offshore wind potential in the country including the coast of Karnataka.

Based on meso-scale study, potential offshore wind zones off the coast of Gujarat and Tamil Nadu have been identified. As per preliminary studies, it has been estimated that about 70 Giga Watt (GW) offshore wind power potential exists off the coast of Gujarat and Tamil Nadu.

The offshore wind potential estimated based on meso-scale data indicates annual mean wind speeds of around 4.0–5.3 metre /second (m/s) at 150 metre above sea level (masl) along the Karnataka coast and around 4 m/s at 150 masl along Dakshina Kannada coast, which are below commercially viable levels (i.e. 7.5 m/s at 150 masl).

The offshore wind implementation efforts are therefore concentrated on higher wind potential zones such as Tamil Nadu and Gujarat.

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