

Global Wind Day

Prelims: Current events of national and international importance | Energy

Why in News?

Recently, Ministry of New and Renewable Energy (MNRE) is set to host the Global Wind Day 2026 Conference in Goa.

- **Organised by** - The Global Wind Energy Council (GWEC) and European Wind Energy Association (WindEurope).
- **Observed on** - **June 15** every year worldwide.
- **Purpose** - Raise awareness about wind energy as a clean, renewable source and its role in climate action.
- **History** - First established in 2007 in Europe by WindEurope to educate the public and promote the benefits of wind energy.
- Due to its success, the initiative became global in 2009 in partnership with GWEC.

Global Wind Day, 2026

- **Theme** - "**Wind Energy: From Ambition to Acceleration**".
- **Major contributors** - China, USA and India lead new wind capacity.
- **Global wind power** - 1,299 GW.

*The global installed wind power capacity has officially surpassed **1 Terawatt (1,000 GW)**.*

Indian Wind Power Sector

- India is the 4th largest wind power market.
- **Aim** - 100 GW by 2030 and 155 GW by 2035, contributing to the national target of 500 GW non-fossil capacity by 2070.
- To become a global hub for wind turbine manufacturing and exports while ensuring strong grid and resource readiness.
- **Wind Energy in India**

- Cumulative wind power capacity - 56 GW.
- 6.1 GW addition in 2025-26 (new record), showing strong policy-industry collaboration.
- **Key States** - Wind energy generation is highly localized, with **Tamil Nadu, Gujarat, and Karnataka** leading as the top producing states.

Reference

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