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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