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## TODAY'S IMPORTANT CURRENT AFFAIRS

### UPSC PRELIMS

Date: 17.07.2025

Source: The Hindu

#### TODAY'S DROPS OF NEWS:

<u>SUBJECT</u>	<u>IN NEWS</u>
<b>POLITY</b>	---
<b>ECONOMY</b>	Share of clean energy in electricity still below 30%
<b>GEOGRAPHY</b>	---
<b>HISTORY AND ART &amp; CULTURE</b>	---
<b>ENVIRONMENT</b>	---
<b>SCIENCE &amp; TECH</b>	---
<b>MISCELLANEOUS</b>	'Good progress on EU FTA talks, less so on ASEAN pact review'

#### ECONOMY

**In news:** Share of clean energy in electricity still below 30%

**Clean Energy:** Clean energy refers to energy derived from renewable, environmentally friendly sources that produce minimal or zero greenhouse gas

emissions.

- Unlike fossil fuels, clean energy sources do not deplete finite resources and have a significantly lower environmental impact.

### India's Status

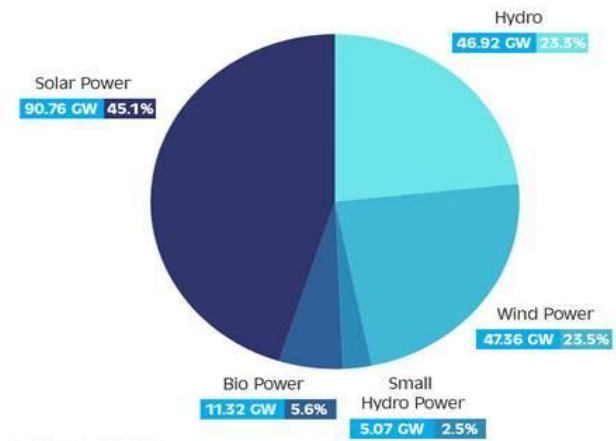
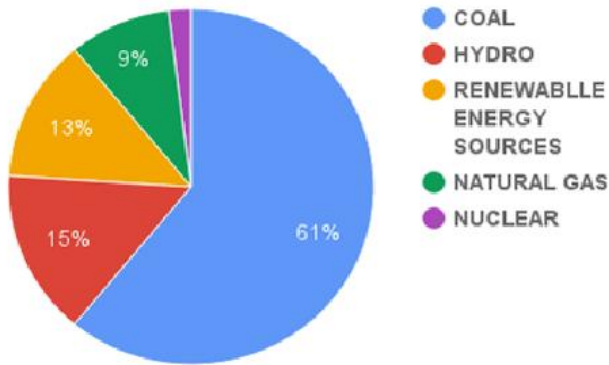
- **Renewable Energy Growth:** India ranks among the top renewable energy producers, with over 175 GW capacity achieved by 2023, including solar, wind, biomass, and hydro.

- India stands **4th globally in Renewable Energy Installed Capacity**, 4th in Wind Power capacity and 5th in Solar Power capacity

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- **Ambitious Targets:** The goal is to achieve 500 GW of non-fossil fuel capacity and 50% renewable energy in the energy mix by 2030.
- **Key Initiatives:**
  - **National Solar Mission:** Aims for 280 GW of solar capacity by 2030.
  - **Wind Energy Projects:** India has the fourth-largest installed wind capacity globally.
  - **Green Hydrogen Mission:** Promotes hydrogen production using renewable energy for industries.

# Renewable Energy Capacity in India

Sources of Electricity in India By Installed Capacity



As of October 10, 2024

**MENTOR**

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