

NET ZERO  AGE

**Within a week**

**EU** released its **Electrification Action Plan**

&

**China** published its **Renewable Energy  
Development Plan** for 2026–2030

**What stands out in  
China's new plan?**

# Main 2030 targets

## **Overall target:**

Total renewable energy consumption of around 1.8 billion tonnes of coal equivalent (tce).

## **Power generation targets:**

Around 3,500 GW of installed renewable power capacity and approximately 6,000 TWh of annual renewable electricity generation.

Combined wind and solar capacity will exceed 2,800 GW, accounting for over 50% of total installed power capacity, with annual generation above 4,000 TWh, accounting for 30% of total electricity generation.

# Main 2030 targets

## **Non-electric utilization targets:**

Non-electric renewable energy utilization will reach around 150 million tce, up 150% from 2025 levels.

## **Reliable substitution targets:**

The national average wind and solar capacity credit (under a 95% confidence level), including co-located energy storage, is targeted to reach 8% (around 11% for wind and 6% for solar PV).

During summer and winter evening peaks, wind and solar, including co-located energy storage, are targeted to account for at least 20% of electricity supplied, an increase of around 10 percent. The plan also aims to add more than 300 GW of firm peaking capacity from renewables during 2026–2030.

| Main Renewable Energy Development Targets for the 15th Five-Year Plan Period<br>(2026 - 2030)                                |                |       |        |             |
|------------------------------------------------------------------------------------------------------------------------------|----------------|-------|--------|-------------|
| Category                                                                                                                     | Unit           | 2025  | 2030   | Target type |
| <b>1. Overall target</b>                                                                                                     |                |       |        |             |
| 1.1 Total renewable energy consumption                                                                                       | Million tce    | 1 180 | 1 800  | Binding     |
| <b>2. Power generation targets</b>                                                                                           |                |       |        |             |
| 2.1 Total installed renewable power capacity                                                                                 | GW             | 2,340 | 3,500  | Indicative  |
| <b>2.1.1 Wind and solar power capacity</b>                                                                                   | GW             | 1,840 | >2,800 | Binding     |
| - Of which: concentrated solar power                                                                                         | GW             | 1.82  | 15     | Indicative  |
| 2.1.2 Hydropower capacity                                                                                                    | GW             | 450   | 570    | Indicative  |
| - Of which: pumped-storage hydropower                                                                                        | GW             | 66    | 160    | Indicative  |
| 2.1.3 Ocean energy capacity                                                                                                  | GW             | —     | 0.4    | Indicative  |
| 2.2 Total renewable electricity generation                                                                                   | TWh            | 4,000 | 6,000  | Indicative  |
| 2.2.1 Wind and solar electricity generation                                                                                  | TWh            | 2,300 | 4,000  | Indicative  |
| <b>3. Non-electric utilization targets</b>                                                                                   |                |       |        |             |
| 3.1 Non-electric renewable energy utilization                                                                                | Million tce    | 60    | 150    | Indicative  |
| 3.1.1 Hydrogen production from renewable energy                                                                              | Million tonnes | 0.25  | 2      | Indicative  |
| <b>4. Reliable substitution targets</b>                                                                                      |                |       |        |             |
| 4.1 The national average wind and solar capacity credit (under a 95% confidence level), including co-located energy storage  | %              | —     | 8      | Indicative  |
| 4.2 Wind and solar share of electricity supplied during summer and winter evening peaks, including co-located energy storage | %              | —     | 20     | Indicative  |
| 4.3 Additional firm peaking capacity from renewables                                                                         | GW             | —     | [300]  | Indicative  |

## Further deployment targets

- 🎯 More than 370 GW of new wind and solar capacity in the “Three-North” renewable energy bases during 2026–2030.
- 🎯 Around 100 GW of offshore wind projects to start construction during 2026–2030, with total installed capacity exceeding 100 GW by 2030.
- 🎯 Around 410 GW of conventional hydropower by 2030.

## Further deployment targets

- 🎯 More than 300 GW of new distributed renewable capacity during 2026–2030.
- 🎯 15 GW of concentrated solar power by 2030.
- 🎯 0.4 GW of ocean energy by 2030.
- 🎯 Around 160 GW of pumped-storage hydropower by 2030.
- 🎯 Renewable hydrogen production of 2 million tonnes by 2030.