Bloomberg renewable energy

o BloombergNEF"s Energy Transition Investment Trends 2024 finds that renewable energy, electric vehicles, hydrogen and carbon capture all drive investment growth year-on-year o China leads with $676 billion invested in 2023, or 38% of the global total

Cost rises are linked to increases in the cost of materials, freight, fuel and labor. BloombergNEF"s estimates for the global LCOE for utility-scale PV and onshore wind rose to $45 and $46 per megawatt-hour (MWh), respectively, in the first half of 2022.

The world is rapidly moving towards a lower-carbon economy. In order to keep up -- and even gain an advantage -- you need a partner like BloombergNEF (BNEF) that combines insights from industry, finance, and policy. Tackle complex issues with our unbiased research, data and a network of innovators.

BNEF tracks investment in the global energy transition, covering everything from renewables and nuclear to electrified transport and heat, hydrogen, carbon capture and sustainable materials. Explore the latest trends in our 2024 edition.

The New Energy Outlook presents BloombergNEF"s long-term energy and climate scenarios for the transition to a low-carbon economy. Anchored in real-world sector and country transitions, it provides an independent set of credible scenarios covering electricity, industry, buildings and transport, and the key drivers shaping these sectors until 2050.

A total of $239 billion was invested in large- and small-scale systems, making up two-thirds of total global renewable energy investment over the first six months of the year and marking a staggering 43% rise compared to 1H 2022.

The annual report, which BloombergNEF releases in partnership with the Business Council for Sustainable Energy, tracks trends in renewables, efficiency, natural gas, distributed power and storage, and sustainable transportation. Download the full report.

BNEF now expects around 10.3 terawatts of renewable power capacity to be in operation by 2030, up from 4.1 terawatts at the end of 2023. Nonetheless, this is still 13% short of what is needed for a net-zero pathway.

Renewable power output rose more than 5% year-on-year, to make up nearly a third of global generation in 2023. New York, August 22, 2024 - The global transition to clean electricity has reached important new milestones and is set to continue at the current pace.

BloombergNEF"s Net Zero Scenario, which charts a pathway to net-zero emissions by 2050 while keeping

global warming well below 2°C, sees renewable energy contributing 62% of all emissions reductions by 2030, compared to a ...

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