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Renewable energy sources -- such as sunlight, wind, water, organic waste, and heat from the Earth -- are abundant, replenished by nature, and emit little to no greenhouse gases or air...

Renewable energy encompasses power generation from natural sources that replenish themselves faster than they're consumed. Unlike fossil fuels, which take millions of years to form, ...

As highlighted in our annual Electricity 2025 report, low-emissions energy sources are reaching new milestones globally in our forecast period. Renewables are poised to surpass coal-fired generation, ...

From the ubiquitous solar radiation harnessed by photovoltaic panels to the powerful winds driving turbines, and the immense potential of geothermal heat from the Earth's core, the ...

Using renewable energy can help to reduce energy imports and fossil fuel use, the largest source of U.S. carbon dioxide emissions. According to projections in the Annual Energy ...

Learn which energy sources will power the future - nuclear, solar, wind, and more - plus how ROVs play a role in modern energy infrastructure.

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Clean energy continues to dominate new power capacity. For example, in 2024, more than 90% of all new electricity capacity worldwide came from renewable sources such as solar, wind, ...

Geopolitical uncertainty, shifting policies, and increasing demand for power are reshaping the energy landscape. In this year's report, we present our updated view on what's to come in the ...

We've taken a look at some of the top renewable energy sources -- solar and wind among them -- examining the pros, cons and some of the companies using them.

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