

#### What will India's energy future look like?

According to Jennifer Granholm, US Secretary of Energy, "In so many ways, the world's energy future will depend on India's energy future." In line with this, the country is adopting ambitious goals for deploying solutions such as clean hydrogen, energy storage, carbon capture and sustainable aviation fuels.

#### How is India advancing Advanced Energy Solutions?

As the world watches, India is progressing advanced energy solutions rapidly. India is setting ambitious targets for deploying advanced energy solutions such as clean hydrogen, energy storage and carbon capture. By 2030, it plans to invest over \$35 billion annually in these areas.

#### Which CPSUs are the major energy sector financiers in India?

Three CPSUs that are the major energy sector financiers in India--Power Finance Corporation Ltd.,REC Ltd,and IREDA--provided INR 2 lakh crore (USD 24.9 billion) to energy in FY 2023. Based on our estimates,for the first time,annual disbursements for clean energy were marginally higher than disbursements to fossil fuels.

Will India double its non-fossil fuel power generation capacity by 2030?

It is part of a group of companies led by Adani Green Energy that are pursuing India 's target to more than double its non-fossil fuel power generation capacity to 500GWby 2030 as the coal power-dependent country attempts to meet growing energy demand.

What is the demand for electricity in India?

The demand for electricity in the country has increased rapidlyand was expected to grow further in the years to come. A major portion of the electricity generation came from thermal energy. The private sector had a strong grip on the energy sector, amounting to an installed energy capacity of around 217 thousand megawatts.

How will fossil fuels affect India's energy system?

This could put strains on its energy system, which for the moment relies heavily on imported fossil fuels, especially crude oil and natural gas. In tandem with this sharp rise in energy demand, carbon emissions in India could increase significantly over this period due to a growth in fossil fuel use for transport, power generation and industry.

Swedish energy and infrastructure consultancy AFRY AB (STO:AFRY) has been selected to provide the detailed design engineering of a 1,800-MW pumped hydro energy storage project in India for local energy transition and decarbonisation solutions company Greenko Group.

India''s clean energy investments have grown fast in the past three years in response to ambitious clean energy targets. With a GDP growth rate of 7.8%, India was the world''s fastest growing major economy in 2023. Its



economy is now the world"s fifth largest, and is on track to become the third largest by 2030 behind the United States and ...

Mapping India's Energy Policy is an annual review of Government of India's support for energy. It aims to improve transparency and ensure that energy is more equitable, secure, and aligned with India's long-term net-zero emissions target by 2070.

2 ???· India''s renewable energy sector has showcased robust growth between November 2023 and November 2024, with significant strides across solar, wind, bioenergy, hydro, and nuclear energy. These achievements underline the nation''s unwavering commitment to clean energy and its ambitious target of achieving 500 GW from non-fossil fuel sources by 2030 ...

FKS Energy is our holding company in energy division. We are supported by strong leadership and professionals with global experience in energy business, and is also supported by strong financial back-up to allow its sustainable growth and remarkable achievements.

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We are proud to share one of our initiatives in Green Energy sector by initiating the installation of solar panels across our facilities with a total target of 10 megawatts in 2025. ...

4 ???· India''s renewable industry is reeling after US prosecutors last month accused Gautam Adani and seven others of orchestrating a \$265mn bribery scheme to secure green energy deals with Indian ...

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across our facilities with a total target of 10 megawatts in 2025. The first phase of this initiative began in 2022 at one of our facilities in Medan, and the second phase will extend to seven locations.



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