

Green Energy

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In news

India targets to fully convert Andaman and Nicobar, Lakshadweep islands to Green Energy

What is Green Energy?

- Green energy is any energy type that is generated from natural resources, such as sunlight, wind or water.
- Green energy concerns power that is clean, sustainable or eco-friendly, and has a minimal impact on the environment and its resources.
- It often comes from renewable energy sources although there are some differences between renewable and green energy,
- These energies do not harm environment through factors such as releasing greenhouse gases into the atmosphere
- Green energy sources are usually naturally replenished, as opposed to fossil fuel sources like natural gas or coal, which can take millions of years to develop.
- Green sources also often avoid mining or drilling operations that can be damaging to eco-systems.

Difference between Green energy & Renewable Energy

- According to the Environmental Protection Agency (EPA) of USA, green energy provides the highest environmental benefit and includes power produced by solar, wind, geothermal, biogas, low-impact hydroelectric, and certain eligible biomass sources.
- Although renewable energy encompasses the same sources as green energy, this energy more broadly includes technologies and products which can have a considerable impact on both the local and global environment.