



KAMARAJ IAS ACADEMY
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International Solar Alliance

Published On: 13-09-2022

Why is in news? India becomes power surplus nation with electricity capacity of over four lakh Mega Watt

Keeping in mind the **sustainable development goals**, India's power generation mix is **rapidly shifting towards a more significant share of renewable energy**.

India is the **world's third largest producer of renewable energy**, with 40 per cent of its installed electricity capacity coming from non-fossil fuel sources.

Solar energy-based applications have benefited millions of Indians by meeting their **cooking, lighting, and other energy needs in an environment-friendly manner**.

The country's **vision is to achieve Net Zero Emissions by 2070**, in addition to attaining the **short-term targets** including **increasing renewables capacity to 500 Giga Watt by 2030 and meeting 50 per cent of energy requirements from renewables**.

Having achieved large-scale success in solar energy solutions, India has spearheaded the **International Solar Alliance, ISA** which is an action-oriented, member-driven, collaborative platform for increased deployment of solar energy technologies.

The **membership of the ISA is open to all member-states of the United Nations**, and 107 countries are signatories to the ISA Framework Agreement and most being sunshine countries, which **lie either completely or partly between the Tropic of Cancer and the Tropic of Capricorn**.

The Alliance aims to efficiently **utilise solar energy to reduce fossil fuel dependence**, thereby creating a greener planet.

The initiative was **launched by Prime Minister Narendra Modi at the India Africa Summit**, and a meeting of member countries ahead of the 2015 United Nations Climate Change Conference in Paris in **November 2015**.

Headquarter: Gurgram, Haryana, India.

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