



India's Journey Towards Clean Energy

India has made significant strides in transitioning to cleaner power sources over the past decade. This progress is evident in the substantial increase in budgetary allocations to the Ministry of New and Renewable Energy, rising from ₹1,535 crore in fiscal year 2015 to ₹32,626 crore in 2025. However, these allocations have often been underutilised, resulting in lower revised estimates.





PM-KUSUM Scheme: A Bold Initiative

Scheme Launch

Introduced in 2019 with an outlay of ₹34,422 crore

Objectives

Off-grid solar irrigation pumps and gridconnected solar plants on fallow farmlands

Current Status

Tepid response with less than half a gigawatt of installed capacity







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COVID-19 Impact on Energy Transition

Supply Chain Disruptions

Major disruptions to coal, oil, and gas supply chains during the pandemic

Realisation

Energy transition recognized as both desirable and necessary

COP26 Pledge

India commits to producing half its energy from renewables by 2026







Budget 2021: Heralding Clean Energy Shift

₹18,10... ₹4,50...

PLI for ACC

For advanced chemistry cell manufacturing to boost grid-scale battery storage capacity

PLI for Solar PV

Initially allocated for solar photovoltaic modules

₹19,50...

Increased PLI

Solar PV scheme budget increased in 2022





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Customs Duty on Solar Components

Solar Modules

40% basic customs duty imposed

Solar Cells

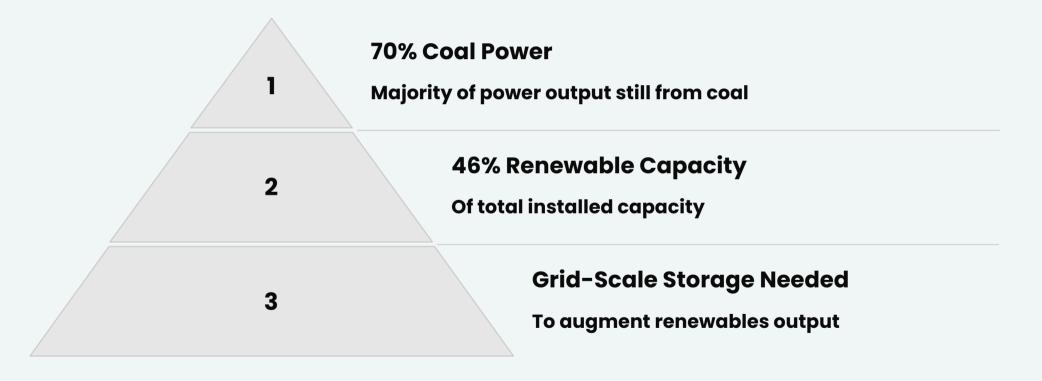
25% basic customs duty levied

Impact

Slowed solar power installations nationwide due to rising prices



Current Energy Scenario in India







New Test Updates

Mon to Sat at 01:00 pm ***

Dear Aspirants,

आप नीचे दिए गए लिंक के माध्यम से हमारे 240 Days RFR मेंटरशिप कोर्स में शामिल हो सकते हैं।

यह कोर्स 15+30+15 पद्धति पर आधारित है जिसमें 15 मिनट का टेस्ट, 30 मिनट का टेक्स्ट रीडिंग और फिर 15 मिनट का टेस्ट शामिल है।

इस पद्धति को (RFR) पद्धति के रूप में जाना जाता है। इससे हजारों छात्रों को अपना लक्ष्य हासिल करने में मदद मिली है।

कोर्स में शामिल होने के लिए यहाँ क्लिक करें 👇 👇 🦴

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New Test Updates
Mon to S at 6:00pm ***

Dear Aspirants,

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Government's Recent Initiatives

Exemption of Critical Minerals

12 critical minerals
exempted from
basic customs
duties

Capital Goods Exemption

35 capital goods exempted from basic customs duties

Aim to Reduce Dependence

Efforts to reduce reliance on China for energy transition resources and technology



Need for a Critical Minerals Framework

Just Extraction

Socially and environmentally just during mineral extraction

Equitable Distribution

Fair distribution of critical minerals

Leadership Role

India must aim to play a bigger role in formulating this framework





India's Path Forward in Clean Energy

As India continues its journey towards clean energy, it faces both challenges and opportunities. The country must balance its ambitious renewable energy goals with the realities of its current energy mix and economic considerations. By taking a leadership role in formulating a critical minerals framework and focusing on sustainable, equitable practices, India can pave the way for a greener future while addressing global energy transition challenges.





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