



## Problem Statement

---

### The G-Energy Revolution

In the near future, a seismic shift in global geopolitics will be triggered by a breakthrough in green energy technology, leading to intense competition among nations to dominate the renewable energy market. As traditional energy sources decline in importance, the world witnesses a geopolitical scenario that revolves around the development, production, and control of green energy technologies.

- **Breakthrough in Renewable Energy:** A groundbreaking innovation in renewable energy technology, such as highly efficient solar panels, advanced wind turbines, or a major breakthrough in energy storage, is discovered. This innovation promises to revolutionize the global energy landscape and significantly reduce dependence on fossil fuels.
- **National Green Energy Initiatives:** Countries worldwide launch aggressive national initiatives to capitalize on the green energy breakthrough. Governments invest heavily in research and development and infrastructure and incentivize private-sector involvement to position themselves as leaders in the emerging green energy market.
- **Strategic Resource Acquisition:** Nations intensify efforts to secure access to crucial resources for green energy production, such as rare earth minerals, lithium, and other essential components. This leads to geopolitical tensions and strategic alliances as countries compete for control over these resources.
- **Global Trade Disputes:** Trade disputes emerge as nations implement protective measures to support their domestic green energy industries. Tariffs, export restrictions, and disputes over intellectual property rights become common, straining international trade relations.
- **Carbon Trading Markets:** Companies with low carbon footprints can sell excess carbon credits, creating a new market. Investors flock to companies demonstrating strong environmental practices, impacting stock prices.

- **Technological Espionage:** The high stakes in the green energy race lead to an increase in corporate and state-sponsored espionage. Nations seek to gain an edge by acquiring the latest technologies and innovations through covert means, leading to an atmosphere of mistrust and heightened security measures.
- **Energy Independence:** Countries that successfully transition to green energy sources achieve a higher degree of energy independence. This reshapes traditional alliances and dependencies, as nations are no longer as reliant on oil and gas-producing regions for their energy needs.
- **Climate Diplomacy:** Climate change and environmental sustainability become central themes in international diplomacy. Nations engage in climate agreements, set emission reduction targets, and collaborate on global initiatives to address environmental challenges, further influencing geopolitical relations.
- **National Security Implications:** The transition to green energy has significant implications for national security. Nations that are leaders in green technology gain influence not only economically but also strategically, as they control the energy sources vital for modern societies.
- **Social and Economic Impact:** The green energy revolution brings about significant social and economic changes. New job markets emerge in the renewable energy sector, while traditional industries face challenges. Governments implement policies to manage the transition, addressing issues such as job displacement and retraining.

The Green Energy Revolution becomes a defining geopolitical scenario, shaping the global balance of power, the economic fortunes of nations, and international relations in an era where sustainability and environmental consciousness take center stage.

As the well-trusted analysts of your company, you have been asked to research and create an equity report to present to your advisors while considering the above scenario. A detailed report on why they should invest in that particular stock. You will have to create a document explaining the details of how you shortlisted the company and what factors you considered to shortlist it, and then make a detailed report on the company you have chosen (both the shortlisting analysis and the equity report should be present in the same document).

You can follow the **CFA's Equity Report Essentials** as a basic template. You can select stocks listed in any Indian stock exchanges . The report should not exceed **20 slides/pages**. Please follow the deadlines strictly. **Submission would be on Unstop only.**

# Evaluation Criteria

1. Industry Analysis and Shortlisting – 30%
2. Equity Report – 65%
3. Presentation design and creativity– 5%

## For Quries, Contact:

- Shreyanshi – 9649427914
- Ishan – 9340601386
- Utkarsh – 6202999205

Ensure that you follow our social media accounts to stay updated, as we will share all the important information over there: [Instagram](#) | [LinkedIn](#)

All the best!

Team Finance & Economics Club, IIT Guwahati