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RISK EXPOSURE REPORT

Prepared for
Online



Company Profile

Company Name: **Online**

Industry Type: **Electricity Generation**

Industry Sub Type: **Hydro Power stations**

Estimated Annual Turnover: **112**

Estimated Asset Value: **212**

Number of Employees: **12**

Industry Outlook

The Central Electricity Authority (CEA) estimates India's power requirement to grow to reach 817 GW by 2030. As the economy grows, the electricity consumption is projected to reach 15,280 TWh (Terawatt hour) in 2040 from 4,926 TWh in 2012. Most of the demand will come from the real estate and transport sectors.

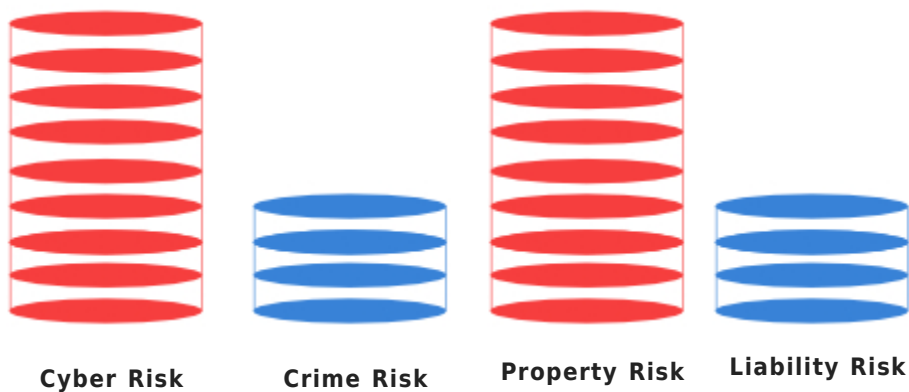
Some of the key market trends to look out for in 2022 and beyond are:

1. **Solar power generation growth likely to outweigh other sources** - Due to its favourable location in the solar belt (400 S to 400 N), India is one of the best recipients of solar energy with abundant availability. Adani Group aims to become the world's largest solar power company by 2025 and the biggest renewable energy firm by 2030.
2. **Growth in hydro power** - India has overtaken Japan, becoming the nation with the fifth-largest hydropower production capacity in the world with a total installed base at over 51.57 GW, and is only behind Canada, US, Brazil and China according to the International Hydropower Association (IHA). ■ A new hydro power policy for 2018-28 has been drafted for the growth of hydro projects in the country.
3. **Move towards renewable sources** - Over the last few years there has been an increase in percentage contribution of renewable energy to total installed capacity. In 2013-14, the contribution was 12.92%, which increased to 27.77% as of April 2022. It has been estimated that renewables will comprise 49% of India's power generation by 2040.

Risk Outlook

 Extreme Risk

 Medium Risk



Risk Insights

- Cyber - "Cyber attacks have been rated the top business risk in 2022 and become the new norm across public and private sectors. This risky industry continues to grow in 2022 as IoT cyber attacks alone are expected to double by 2025. Cybercrime will cost companies worldwide an estimated \$10.5 trillion annually by 2025, up from \$3 trillion in 2015. "
- Crime - As per PwC's Global Economic Crime and Fraud Survey (GECS) 2022, 52% of Indian organizations experienced fraud or economic crime within the last 24 months. Out of these, 17% of the companies lost between USD 1Mn - 50Mn. The major crime faced by the energy sector was procurement fraud (45%) followed by cybercrime (29%) and supply chain fraud (29%)
- Employee/HR - "2021 has been unparalleled when it comes to the talent exchange we are witnessing across sectors. The overall annualized attrition number for 2021 stands at an astounding 20% which is a record high since 2011. Further, Global talent shortages reach a 16-year high as 3 in 4 (75%) employers report difficulty finding the talent they need. "
- Liability - Indian legal environment is changing very fast and the legal expenses of companies are also increasing each years. The legal requirement of industries varies from industry to industry. As per the analysis of various costs incurred by different industries over a period of 10 years (2010-2019), the legal cost incurred by the electricity generation industry was 0.12% of their total expenses and 0.12% of their 10 year average sales revenue.

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