

JOB DESCRIPTION

Position Title	Lead – Cyber Security @ Level Senior Manager
Superior Position Title	Head - Information Technology
Division / Department	Information Technology
Location	Mumbai

1. JOB PURPOSE

Business Context: Apraava Energy a 50:50 joint venture between CLP group, one of the largest investor-owned power business in Asia and Caisse de dépôt et placement du Québec (CDPQ), one of Canada's leading institutional fund managers. Apraava Energy has a diversified and environment-friendly power generation portfolio of ~3000 equity MW comprising both Conventional (~2000 MW) and Renewable (~1200 MW) assets.

Apraava Energy was one of the first company to identify the potential of renewable energy in India. The company entered this space by building its first wind farm in 2009. Since then, Apraava Energy has gradually grown its wind energy portfolio and is now spread across six states generating nearly 1,000 MW and another 250 MW of committed capacity. Wind energy has been an integral part of Apraava Energy's business strategy. It is expected to continue making a vital contribution not only to Apraava Energy's growth plans for India but also to its commitment towards reducing its CO2 emissions.

Apraava Energy forayed into solar power generation with a 100 MW plant in 2016 through a joint venture in Veltoor, Telangana. Apraava Energy acquired two more solar plants in 2018. In 2020, Apraava Energy increased the size of its solar energy portfolio by more than 70% by entering into an agreement to acquire three of its solar projects. The latest addition to Apraava's solar portfolio was a 250 MW solar farm in Dedasari, Rajasthan in 2021.

In line with Apraava Energy's vision of investing in a low-carbon and clean energy portfolio, Apraava Energy marked its entry into the power transmission sector in 2019 with the acquisition of 240 km transmission line. With this, Apraava Energy has broadened its portfolio to straddle two out of the three main segments in India's power value chain. In December 2021 Apraava Energy acquired a 254 km Transmission line from Kalpataru-Mariani Transmission Limited passing through 3 states in North-East India i.e., Manipur, Nagaland and Assam.

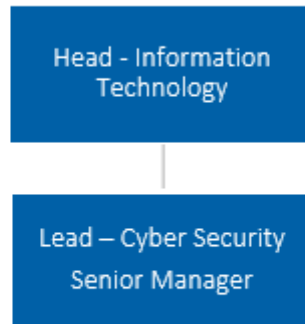
The company has also built a 1,320 MW supercritical coal-fired power plant in Jhajjar, Haryana. The Jhajjar Power Plant has been commercially operational since mid-2012. It is one of the first few power plants in India to operationalize the Flue Gas Desulphurization (FGD) unit which helps reduce ~ 85% of SO2 emissions.

The plant has also won the Frost & Sullivan and TERI Jury Special Mention Award in 2019 for reducing its specific water consumption to 2.11 m³/ MWh against a statutory limit of 3.5 m³/ MWh.

Job Purpose: The position exists to

- Ensure that all information assets and systems of Apraava Energy are protected, the exposures which may affect availability, integrity & confidentiality are identified, and appropriate controls are implemented as per Apraava Energy Information Security Policies (based on ISO 27000 framework)
- Review cyber security measures/ aspect during implementation of Strategic IT, Business Transformation projects
- Coordinate CLP group for cyber security initiatives
- Drive end user engagement to strengthen cyber security awareness

2. ORGANISATIONAL CHART



3. PRINCIPAL ACCOUNTABILITIES

Accountabilities	Major Activities
Implementation of Cyber Security Initiatives, Manage IT Risks & Compliance	<ul style="list-style-type: none"> ▪ Define, develop and maintain a business-aligned Information and Cyber Security strategy and operating model ▪ Define and embed an Information Security Policy Framework across Apraava and other external stakeholders in line with relevant legislation and industry standards ▪ Provide advice and direction to the Apraava’s Head-IT, in the integration of security practices into the Apraava’s strategic and operational processes ▪ Drive and deliver change to the Apraava’s Information and Cyber Security systems, processes and procedures by continuously analysing and reviewing new security technologies and practices as informed by industry best practice ▪ Represent Apraava with all concerned department/agencies for compliance ▪ Drive end user engagement to maximize IT usage, adherence to IT processes and cyber security ▪ Support the entire procurement process (to select the right vendor for implementation of the IT strategic initiative) from detailing scope of work, equipment specifications, bid evaluation (technical/commercial) to quality checks including negotiations and meetings to discuss protocols, procedures and expected performance ▪ Ensure that all information assets and systems of Apraava Energy are protected, the exposures which may affect availability, integrity & confidentiality are identified, and

	<p>appropriate controls are implemented as per Apraava Energy Information Security Policies (based on ISO 27000 framework)</p> <ul style="list-style-type: none"> ▪ Review and Modify Apraava Energy Information / Cyber Security policies, procedures & guidelines reflecting requirements of India regulatory laws/ acts and international framework / best practices ▪ Coordinate with partners to manage Integrated Cyber Security Services. Take preventive/ corrective actions against cyber incidents ▪ Coordinate various internal / external audits for IT general control / VA PT etc. and provide details / evidence to them as per requirements. Ensure that all feasible audit observations and internal/ external advisory measures are implemented through respective Apraava Energy IT team ▪ Ensure that appropriate testing of information security, Apraava Energy IT business continuity and disaster recovery plans are carried out to meet business needs ▪ Assess & implement information / cyber security risks associated with new technologies or changes in existing systems and suggest necessary controls to mitigate the risks. Coordinate with internal / external teams to manage security solutions such as end point security, APT, DLP, CASB, SIEM etc. ▪ Capture & share knowledge for information/ cyber security within IT team to enhance capabilities and to strengthen the awareness to end users including contractors ▪ Coordinate CLP group initiated cyber security projects ▪ Guide and provide appropriate advisory to OT team for cyber security initiatives
<p>Training and Development of Self/ End users</p>	<ul style="list-style-type: none"> ▪ Provide input and continuously work upon self-development plan ▪ Identify end user IT training needs and conduct programs along-with HR to improve learning of IT applications, software ▪ Focus to enhance IT capabilities / skills for on-site outsource team as per Apraava Energy IT set-up
<p>Partners and Contracts Management</p>	<ul style="list-style-type: none"> ▪ Prepare scope of services and evaluate the contracts ▪ Coordinate with Procurement function for agreements/ contracts ▪ Review contracts regularly to monitor the performance of the contracts ▪ Participate and leverage Group outline agreements

4. INTERACTIONS

Internal Clients

<p>Roles you need to interact with inside the organization to enable success in your day to day work</p>
<p>Department and Asset Heads – understanding of IT requirements for strategic business growth</p>
<p>Group IT Team Hong Kong - support in implementation of cyber security initiatives in line with Apraava Energy Technology standards</p>

External Clients

Roles you need to interact with outside the organization to enable success in your day to day work
Auditors – statutory/legal policy, IT policy compliance
Product/service vendors – procurement of product/service fit for purpose at competitive price

5. SKILLS AND KNOWLEDGE

Educational Qualifications

<ul style="list-style-type: none">▪ B. Tech/ B.E. in IT/Computer/Electronics/Electrical▪ Certification in cyber security

Functional Skills

<ul style="list-style-type: none">▪ Implementation of ISO 27001, COBIT, end point security, APT, DLP, SIEM, Microsoft AIP, MCAS, InTune etc.▪ Knowledge of OT controls would be added advantage▪ Knowledge of IT standards/framework▪ Vendor Management▪ End User Awareness/ Change Management▪ People Management and Interpersonal skills▪ Teamwork, Working across cultures

6. Experience:

10 + years of relevant experience
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