

JOB DESCRIPTION

Position Title	Asset Manager at the level of Assistant Manager
Superior Position Title	Regional Asset Manager
Company	Apraava Wind Energy (Khandke) Private Limited
Department	Operations (Renewables)
Location	Wind site

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.

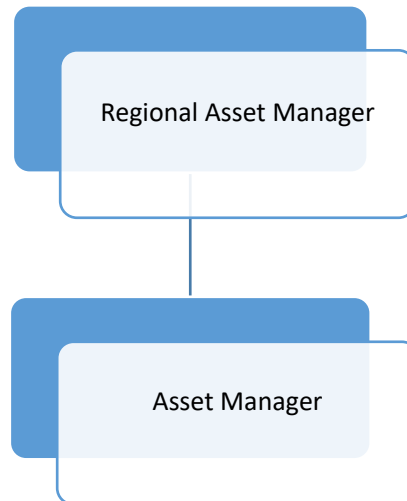
The company has also built a 1,320 MW supercritical coal-fired power plant in Jhajjar, Haryana. The Jhajjar Power Plant has been commercially operational since mid-2012. It is one of the first few power plants in India to operationalize the Flue Gas Desulphurization (FGD) unit which helps reduce ~ 85%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

The Organization is currently engaged in greenfield development of Power Generation / Transmission assets as well as their Acquisition.

Job Purpose: Plan ,Implement and drive effective asset management for wind asset (50.4 MW t wind farm), manage site O&M activities and monitor & audit compliance to O&M contract, Apraava Energy's policies and industrial rules and regulations ensuring smooth and optimum asset performance. Ensure that a robust discipline by team at site and a culture of Operation Excellence thrives at the Asset. Maintain a high quality follow up with partner as well as Apraava's internal team to ensure that site remains compliant and a high performer

2. ORGANISATIONAL CHART



3. PRINCIPAL ACCOUNTABILITIES

Accountabilities	Major Activities
Support business planning for Wind Assets, by providing generation and revenue figures for the Khandke asset	<ul style="list-style-type: none"> ▪ Provide inputs to Regional Asset Manager on projected generation & revenue figures and budget requirement for the asset (such as for O&M, manpower, statutory fees and other related charges and fees) ▪ Keep abreast of the latest practices and technologies in wind asset management; Identify practices feasible for Apraava Energy and share with senior management ▪ Track asset performance against budgets/business plan and provide periodic updates to management on the same
Drive, Plan & Implement asset management for the asset, ensuring smooth functioning and compliance with all contractual terms & conditions	<ul style="list-style-type: none"> ▪ Efficiently execute all activities pertaining to asset management, performance management, availability management, HSSE compliance and knowledge management as per defined norms and guidelines ▪ Ensure proper training of all asset personnel including contractor on asset operating procedures and SOPs ▪ Coordinate with Partner Asset Manager for thorough monitoring of asset ensuring availability of all machines and execution of all activities in compliance to terms and conditions specified in O&M contract
Monitor asset performance to ensure compliance with defined business plan	<ul style="list-style-type: none"> ▪ Monitor asset performance to ensure O&M performance as per business plan. Ensure resource availability Guarantee of 96.5%. Identify issues impacting asset performance, analyse reasons and collaborate with Partner Asset Manager for resolution of the same ▪ Ensure WEC Preventive maintenance adherence of 99% avoiding pendency of Safety critical or Availability critical actions ▪ To prepare yearly maintenance plan related to WTG and BOP ▪ A day ahead planning for deploying of Apraava Energy manpower and O&M Contractor at site ▪ Conduct fortnightly meeting with partner asset manager ▪ Provide inputs for adjustment of the business plan as per performance and provide forecasts to the management ▪ Maintain an effective repository of all asset management documents, contract copies, invoices, land documents etc. for future reference and audit preparedness

Monitor compliance of all asset activities with applicable HSSE parameters and policies to drive required standards at work, ensuring smooth plant operations with zero instances of non-compliance	<ul style="list-style-type: none"> Conduct periodic meetings and toolbox talks for all asset personnel (including contractors and sub-contractors) to drive awareness and knowledge of Apraava Energy HSSE policies and procedures Report all HSSE accidents and near misses as per defined timelines; Monitor timely implementation of corrective actions to prevent reoccurrence Ensure compliance to HSSE norms and guidelines for all asset activities; Highlight cases of non-compliance to Partner Asset Manager and Regional Asset Manager
Build and maintain mutually beneficial relationships with all key stakeholders to help safeguard Apraava Energy's interests within the limits of organizational guidelines and policies	<ul style="list-style-type: none"> Develop strong relationships with Dis Coms and other government bodies to ensure timely submission of all invoices and realization of revenue for the regional assets Have oversight of community engagement through HO CSR team and local Admin support. To maintain amicable relationships with local bodies (Panchayats, key villagers, etc.) Maintain relationship with OEM partners to ensure Apraava Energy points are driven in smooth manner
Admin oversight	<ul style="list-style-type: none"> Admin oversight, Administrative decisions, site level People management
Material Management	<ul style="list-style-type: none"> To highlight material requirement as soon as material goes below reordering point To get the material physically verified To create material reservation on time
Quality Audit	<ul style="list-style-type: none"> Carryout 5% of the Wind turbine inspection post preventive maintenance to provide assurance that maintenance is carried out up to desired standards.
Statutory & O&M fees timely approvals	<ul style="list-style-type: none"> Ensure timely statutory payment Ensure approval related O&M invoice is on time Entry in GOIS Operational data entry Entry for compliances in- Compliance Manager portal
Reports	<ul style="list-style-type: none"> Ensure all report to be delivered on time to management and is parked in repository

4. MAJOR CHALLENGES

<ul style="list-style-type: none"> Variability of power produced from Renewable Assets due to OEM not completing the work on time or taking longer duration
<ul style="list-style-type: none"> Variability of power produced due to incompetency of OEM in not providing the required material
<ul style="list-style-type: none"> Variability of power produced due to frequent local issue at sites
<ul style="list-style-type: none"> Variability of power produced due to load shedding by Government utility

5. DECISIONS

Decisions made by job holder

As per the defined authority matrix
Approvals within the budgets defined and decision matrix

Recommendations to or approval by superior

6. INTERACTIONS

Internal Clients

Roles you need to interact with inside the organization to enable success in your day to day work
Finance Team – resolution of issues related to billing

External Clients

Roles you need to interact with outside the organization to enable success in your day to day work
Discoms – Ensure timely revenue realization
Government Authorities/Panchayats/Police – Compliance with laws
O&M Contractors – Ensure smooth operations for Renewable Assets

7. DIMENSIONS

Financial Dimensions

Responsible for of 50MW wind site (Vestas: WTG rating: 1.65 MW)

Other Dimensions

<ul style="list-style-type: none"> ▪ Team member to handle: 1 team members at site

8. SKILLS AND KNOWLEDGE

Educational Qualifications

<ul style="list-style-type: none"> ▪ Mandatory Qualification: B.E/B.Tech (Electrical/Mechanical/Electronics)

Functional Skills

<ul style="list-style-type: none"> ▪ Expertise in handling operations/key processes of a Wind Asset ▪ Knowledge of wind resource assessment ▪ Understanding of Contracting and Regulatory frameworks ▪ Commercial understanding of the functioning of the Apraava Energy business ▪ Negotiation skills

Relevant and total years of Experience

<ul style="list-style-type: none"> ▪ 7-8 years of overall experience ▪ Specific experience of handling and supervising O&M of wind plant
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