

Internship Report

Organization: - Jhajjar Power Limited

Location: - Jhajjar (Haryana)

Duration: - 01st April – 30th June 2024

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Stream: - DM – 02

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Introduction

Jhajjar Power Station is one of India's largest supercritical coal-fires power plants. Its two 660MW units were completed on time and within budget in 2012. The use of supercritical technology increases energy efficiency and so reduces carbon intensity. Flue gas desulphurization equipment was installed to reduce its environmental impact.

The Corporate Social Responsibility ("CSR") Policy of Jhajjar Power Limited (the "Company" / "JPL") establishes a common and coherent approach to CSR and facilitates an organized and efficient deployment of the Company's resources in order to contribute to the development of the communities in which it serves.

1) Purpose The Company is committed to socially responsible corporate growth. It seeks to be an active participant in the social and economic development of the communities in which it operates, while meeting the interests of all its stakeholders.

2) Vision The Company would like to engage in development initiatives in communities in which it serves so that every child, young person and adult has a reason to believe in the prospect of a better future

The Company's focus areas include:

- Education and training: The Company supports initiatives that advance literacy so that rural communities, and those disadvantaged, can make informed choices based on a holistic understanding of the environment they live in. Specific activities focus on investing in the education and skills development of children and women in the rural communities surrounding our operations. The Company believes that quality education is the first step in building a skilled and developed community, and by providing training and skills development initiatives, it can help empower women and the next generation to drive and sustain their own personal and community development.
- Sustainable communities: The Company seeks to improve quality of life for our local communities by supporting initiatives that provide for the socio-economically disadvantaged. Some of these initiatives include increasing access to healthy food; providing vital materials; opportunities for physical activity; and local tree planting and sustainable environment initiatives.
- Healthcare and sanitation: The Company operates in rural locations, where communities rely on limited healthcare resources. The rural development programs strive to provide mobile medical facilities, improve sanitation conditions, social education courses on mother and child nutrition, as well as providing funding for para-medical training for local community members.

Objective of the internship

- **Understanding CSR Initiatives:** To gain a comprehensive understanding of the various Corporate Social Responsibility (CSR) activities undertaken by Jhajjar Power Limited. To analyze the different CSR projects under the partner organization.

- **Stakeholder Engagement:** To understand the process of engaging with stakeholders, including local communities, NGOs, and government bodies, in CSR activities.

Organizational profile

Overview

Jhajjar Power Limited (JPL) is a significant player in the energy sector, located in Jhajjar, Haryana. It operates a state-of-the-art power plant that contributes substantially to the region's electricity supply.

History and Establishment

Jhajjar Power Limited was established to address the growing energy needs of the Haryana state and its surrounding areas. The company has evolved with the aim of providing reliable and sustainable power solutions.

Location

- **Address:** Jhajjar Power Limited, Village Khanpur, Tehsil Matenhail, District Jhajjar, Haryana, India.
- **Geographical Significance:** The location in Jhajjar is strategic for serving the power requirements of the Haryana region and ensuring efficient distribution.

Plant Specifications

- **Type of Plant:** Thermal Power Plant
- **Capacity:** 1,320 MW (2 x 660 MW)
- **Technology:** Supercritical technology to ensure higher efficiency and lower emissions.

Operations

- **Primary Fuel:** Coal
- **Water Source:** The plant uses water from a nearby source for its cooling and other operational requirements.
- **Environmental Measures:** JPL incorporates advanced pollution control technologies to minimize environmental impact, including flue gas desulfurization (FGD) and electrostatic precipitators (ESP).

Governance and Management

- **Parent Company:** Jhajjar Power Limited is a subsidiary of CLP India Private Limited.
- **Leadership:** The company is managed by a team of experienced professionals committed to operational excellence and sustainable growth.
- **Corporate Governance:** JPL adheres to stringent corporate governance standards to ensure transparency, accountability, and ethical conduct in all its

Services provided by Jhajjar Power Limited, Haryana

Jhajjar Power Limited (JPL) operates the Mahatma Gandhi Thermal Power Plant (MGTPP) in Jhajjar, Haryana. The company provides several key services:

1. **Electricity Generation:** JPL is primarily involved in generating electricity. The MGTPP has a capacity of 1,320 MW and supplies power to the state grid, contributing significantly to the energy needs of Haryana.
2. **Employment:** The plant provides direct and indirect employment opportunities to local communities, contributing to the region's economic development.
3. **Corporate Social Responsibility (CSR) Initiatives:** JPL engages in various CSR activities, which include:
 - **Healthcare:** Organizing health camps, providing medical facilities, and running mobile health units.
 - **Education:** Supporting local schools, providing scholarships, and running educational programs.
 - **Infrastructure Development:** Contributing to the development of local infrastructure such as roads, water supply systems, and community centers.
 - **Environmental Sustainability:** Implementing measures for environmental protection, including afforestation projects, water conservation, and pollution control.
4. **Community Development Programs:** JPL supports local communities through initiatives aimed at improving their quality of life. This includes vocational training programs, skill development workshops, and promoting sustainable livelihoods.

Key activities

1. Jai Jawan Raksha Academy (JJRA): - We have visited JJRA, which was established in 2021 by JPL with the help of Deepalaya (NGO).
 - In JJRA 326 students are enrolled till now and 27 students got selected.
 - Training session is from 5am to 7am and academic session is from 9am to 5am in morning and 2pm to 5pm in the evening.
2. Clean drinking water to Govt. schools: - we have visited some schools which have filters installed by JPL, which provide them clean drinking water.
3. Humana People to People India (HPPI): - HPPI is a partner NGO of JPL which was established in 1998.
 - Currently working on 15 states with 125 projects.
 - Working on several themes: Education and skill, Health and sanitation and sustainability which includes vicinity camp, tree plantation, health checkup and providing hospitals.
 - In Jhajjar HPPI is working on 2 projects, Udyogini and Utthaan.
4. Udyogini project: - in this project the objective was to organize 3000 women in SHG and provide training for skill development and entrepreneurial development training.
 - This project has created 3000 Nutri Garden and connected with the social security scheme.
 - With the help of the training 350 women have started or established their business.

5. Utthaan project: - This project work on education and health improvement program in school, anganwadi and community.
- Kadam+: only for primary students, toolkit for different grade, improves students learning ability.

Key learnings from internship

1. **Understanding Corporate Social Responsibility (CSR):** Grasped the importance and integration of CSR in business strategy.
2. **Project Planning and Implementation:** Participated in needs assessments, project design, and implementation.
3. **Community Engagement:** Engaged with stakeholders, improved communication skills, and built trust with the community.
4. **Sustainable Development Goals (SDGs):** Aligned projects with SDGs and learned impact measurement techniques.
6. **Challenges and Solutions:** Identified resource constraints and developed problem-solving skills.
7. **Udyogini Project Specifics:** Focused on women empowerment, skill development, and observed economic impacts.
8. **Personal Development:** Enhanced leadership, teamwork, and cultural sensitivity.
9. **Documentation and Reporting:** Collected and analyzed data and gained experience in report writing.
10. **Networking and Professional Growth:** Built a professional network and gained insights into CSR career paths.