



Noble Group of Institutions
Report on the National Level Conference on
“Best Practices of Management in Thermal Power Plants”

Organized by Essar Power Ltd, Jamnagar

1	Company Name	Vadinar Power Company Ltd
2	Location	Jamnagar
3	Date	13 th November 2014
4	Time	09:00 am To 06:00 pm
5	Semester	7
6	Name of Department	Mechanical Engineering + Electrical Engineering
7	Number of Students visited	40
8	Faculties accompanied	Prof Hiral Badrakia Prof Harsh Modha Prof Vasim Machhar Prof Ashish Vasiyar Prof Kamal kishor Chauhan

Objective

The main objective of participating in this National level seminar was to gain the knowledge from the experienced and top level leadership professionals from thermal power stations all across the India and overseas.

To be acquainted with the knowledge about the paramount and benchmark practices for Project Phase, Generation/Transmission and Distribution, Operation and Maintenance, Human Resource Management, Legal and Commercial aspect of the business of thermal power plants all across the globe. To discuss the critical issues and challenges that will come across the thermal power plants in future and suggest and put forward remedies to resolve them.

Company Profile



Essar Power is one of India's leading private power producers with a 14-year operating track record. The company's power business currently has seven operational power plants in India and one operational power plant in Algoma, Canada, with a total installed generation capacity of 3,910 MW.

This capacity is increasing to 4900 MW by March 2015. Essar Energy also has access to approximately 500 mmt of coal resources across seven coal blocks in India and overseas.

Experience

The overall experience for the team of faculties as well as students was magnificent. The team of NGI was very enthusiastic about the first of its kind National Level Seminar where the organizer has put the effort to collect and bring the cream of thoughts from all across the nation inviting hundreds of power plant professionals along with their leadership teams.

The program started with the Participants registration, high tea and breakfast at 09:00 AM. The function got in progress with the safety anthem by Essar Group and then inaugural ceremony took place in the presence of the Chief Guest Mr S K Negi, MD GETCO, Mr KVB Reddy, Director Essar Power Business Group, Mr Ramesh Kumar, MD Essar Power Gujarat Limited, Mr K B Makadia, Head Vadinar Power Company Limited and Mr Indranil Ghosh, Head Training Essar Power Business Group.

The main theme of the program was categorized for the discussion in three sections.

Theme: 1 "Best practices of Management in Thermal Power Plants"

Theme: 2 "HR Challenges and issues in Power Industry"

Theme: 3 "Technical papers on O&M best practices in Thermal Power Plant"

Representatives from well known power sector organizations across the India and overseas such as Tata Power Ltd (CGPL-Mundra), Lanco Ltd, L&T, Harbin Electric International Company Limited-China, Abhitech Ltd etc. presented their thoughts and current practices which are implemented in their plants.

Learning from visit

Students studying their final year from Electrical and Mechanical Engineering stream found this visit utmost importance from their knowledge gaining point of view. They got massive exposure related to the best O&M practices for thermal power plants.

They received plethora of information about various technical issues such as enhancing power plant efficiency, multifunctional combustion catalyst for coal, flow accelerated corrosion, best control and instrumentation practices, advantages of horizontal slurry discharge pumps over high concentrated slurry discharge pumps, optimization of cleaning strategies using Smart clean technology, vibration analysis of rotating machines and managing O&M challenges in a super critical thermal power plant.

Faculties got the new insights to use and adopt the innovative practices implemented by the power companies, received the opportunity to interact and build the relationship with the top leadership teams throughout the nation.

In nutshell, the visit has proven to be the opportunity to come across the reality of the functioning of high efficiency power generation plants in India.

Acknowledgement

The team at NGI expresses heartfelt gratitude and acknowledges the valuable support provided by Vadinar Power Company Limited. We felt great nobility and privilege to be there at a magnificent event.

We specially thank Mr Kishor Makadia (Head, Vadinar Power Company Limited) for inviting us and giving us this honor. We also thank the organizers of the event "Essar Power Learning Centre," Mr Anil Matoo (SVP & Head HR Essar Power Business Group) Mr Indranil Ghosh (Head Training Essar Power Business Group) and Mr Satish Dangi (Head HR, Essar Power Jamnagar) to facilitate us and extending the gesture of splendid hospitality.

We hope for a long term mutually beneficial relationship in future. We would be very happy if our students as well as faculty members can help you in any of future endeavor of Essar Power House.

We are thankful to the top management at NGI to provide us this opportunity.

Photograph



Sincerely,

s/d

Prof Hiral Badrakia
Head
Mechanical Engineering Department

s/d

Prof Harsh Modha
Head
Training and Placement Cell