



GUJARAT INDUSTRIES POWER COMPANY LTD

POWER PLANT SERVICES



YOUR ANSWER FOR

POWER PLANT START UP

RELIABLE & EFFICIENT O&M

O&M TRAINING

POWER PROJECT CONSULTANCY

LAB ANALYSIS & DM WATER SUPPLY

GENERATING SUCCESS

Gujarat Industries Power Co Ltd (GIPCL), was established in June 1985 to supply power to its participating units. The Company was promoted by Gujarat Alkalis & Chemicals (GACL), Gujarat State Fertiliser & Chemicals Ltd (GSFC), Gujarat Electricity Board (Presently GUVNL). Petrofils Cooperative Ltd with active support from Govt Of Gujarat.



- The first Unit of 145 MW gas based CCPP was commissioned in 1992 at Vadodara
- 165 MW CCPP expansion at same location commissioned in 1997
- Commissioning of The first Phase of 2 x 125 MW (SLPP) Power plant based on eco friendly CFBC technology at Nani Naroli, Dist Surat in 1999
- Commissioning of SLPP-Phase-II of 2 x 125MW in year 2010



Excellent Track Record

All the Units of GIPCL have been operated with high degree of Availability throughout the year in spite of adopting relatively new technology in each project:

- GIPCL 145 MW CCPP amongst first few units of BHEL FR 6 Gas Turbine in India
- GIPCL 165 MW CCPP –First PG9171E(Fr-IX) machine commissioned in India and operated successfully on Hazardous Fuel like Naphtha
- GIPCL Mangrol 2 X 125 MW CCPP- First large CFBC Power plant in India on Lignite

Strength of the Organisation & Experience

- Proven Track record of Reliable, cost effective O&M of gas & Lignite based power plant of total 810 MW Capacity
- O&M supervision services for GMDC 250 Lignite Power Plant at Akrimota
- Pool of Experience & talented Engineers of all discipline

- Round the Clock Monitoring for optimized performance, safety & availability of the Plant



- Excellent networking with leading OEMs, reputed vendors & contractors to provide best of services at competitive rates
- O&M experience of cumulative more than 5 Lakh hrs of gas turbine O&M & more than 1.5 Lakh hrs of Total Power Plant operation



- Continuous Accident Free Operation of more than 10 year at Vadodara plant.
- Implementation of Best O&M Practices to enhance reliability, availability & safety of operations



Cooler Before & after Cleaning

Development of Innovative In House Solutions

GIPCL has constantly looked for developing innovative solutions optimizing plant O&M. Few example are:

- Developing Auto Inlet Air Filter Cleaning machine



- Gas Utilisation & UI optimization software



Services offered

- **Pre-commissioning, Start up, Synchronisation to stabilization, PG test and Plant Take over supervisory services:**

GIPCL has extensive experience of startup & commissioning of gas & Lignite based Power Plants. This valuable experience can be of immense help for safe & smooth start up for new power projects.

- **Post Commissioning, O&M Supervision & Plant Performance Improvement:**

GIPCL has an excellent track record of O&M of Gas & Lignite (CFBC) based power plants over past two decades. GIPCL on client request can provide an expertise on O and M Services and advisory consultancy for total O&M support etc.

- **Gas Based CCPP & Lignite based CFBC Power plant O&M trouble shooting:**

We can provide our expert advice & consultancy on teething power plant problems and trouble shooting in O&M areas affecting, reliability, Availability & performance factors of the power plant. Assistance can be offered on case to case basis to trouble shoot individual area.

- **Vibration Analysis:**

We have state of the Art Vibration Analyzer and our engineers are trained to analyze various vibration problems for turbines, generators, gear boxes, pumps etc. We carry out Vibration Analysis and submit suitable report with suggested remedies for vibration related problems.

- **Procurement Assistance, Inspection & Vendor expediting:**

We assist customer in carrying out Inspection and expediting for project procurement & timely delivery, highlight delay in supply at a very early stage, feedback on quality by vendor assessment at their works etc.

- **Project Consultancy for establishing power plants:**

We can provide advisory services for setting up a new Gas /Lignite /Solar PV power project and assist Owner in selection of suitable EPC contractor, review of Tender specification etc.

- **Setting up of Solar PV Power Plants:**

GIPCL is in advance stage of implementing 5 MW Solar PV Project. We can provide consultancy for setting up Solar PV based Power Projects.

- **Supply of DM water & Third party laboratory testing & analysis of Water ,Lube oil & Gas samples:**

We supply DM water from Our Vadodara plant on ex-work basis. We also undertake third party analysis of Natural gas, Lubricating Oil & water Analysis with report & certification. For further detail on this area visit our website [www.gipcl.com-Power plant service](http://www.gipcl.com-Power_plant_service) section.

- An ISO 9001:2008,ISO 14001:2004, OAHAS 18001:2007 Certified company



For Business Enquiry Contact:

<http://www.gipcl.com/services.php>

Awards & Recognition

- The company won Bronze Shield for Best Plant Performance by Ministry of Power



Hon'ble PM Dr Manmohan Singh, giving away Bronze Shield for Best Performing Power Plant of India

- Runners up Best House Keeping Award



Hon'ble CM Of Gujarat Dedicating 2 X125 MW Power Station to the Nation