




**LAKSHYA POWERTECH PRIVATE LIMITED**  
**COMPANY PROFILE**



- Lakshya is the ultimate solution for complete execution of project, since Lakshya is a conglomeration of sound engineering back ground with energetic, dynamic and result oriented field staffs who never say "NO" to any challenges.
- Lakshya's engineering back bone is Astha Energy Services Pvt. Ltd who is already established in the field of engineering and consultancy in Thermal Power Station of ranging between 3 MW to 600 MW, infrastructural project, utility side of steel and chemical industries.
- Lakshya will be pleased to take part right from project concept and development through to project delivery and commissioning. Services including feasibility study, preparation of detailed project report, basic and detail engineering, project engineering, technical support in interacting with various agencies/contractors/vendors, project management, supervision of implementation & quality inspection
- Lakshya has the resources and capabilities to plan, design, construct and manage a moderately good range of mechanical and electrical engineering projects and their supporting infrastructures.

Engineering Solutions, Services & Contracts




IN

Mechanical

Electrical

Pipelines

- We are an Government Approved Electrical License Contractor
- We are working with various Energy developers, EPC & MEP companies, Manufacturers, builders, distributors in the Governmental and Private Sectors for providing Detailed Design, Engineering and Optimisation services for Electrical & Mechanical systems of the Projects, including Procurement and its Installation.
- We have strength of over 40 employees in our company and our dedicated team of engineers ensure that our clients are satisfied, succeeded, able to augment their delivery capability and reduce cost of the Projects/operation.
- We offer for Long term & short Contracts Like AMC, CMC , OMC & Services for Power Generation Plants, Power Receiving Sub stations & Power Distribution Stations



Engineering with excellence

Projects

Consulting

Engineering

Procurement

Execution

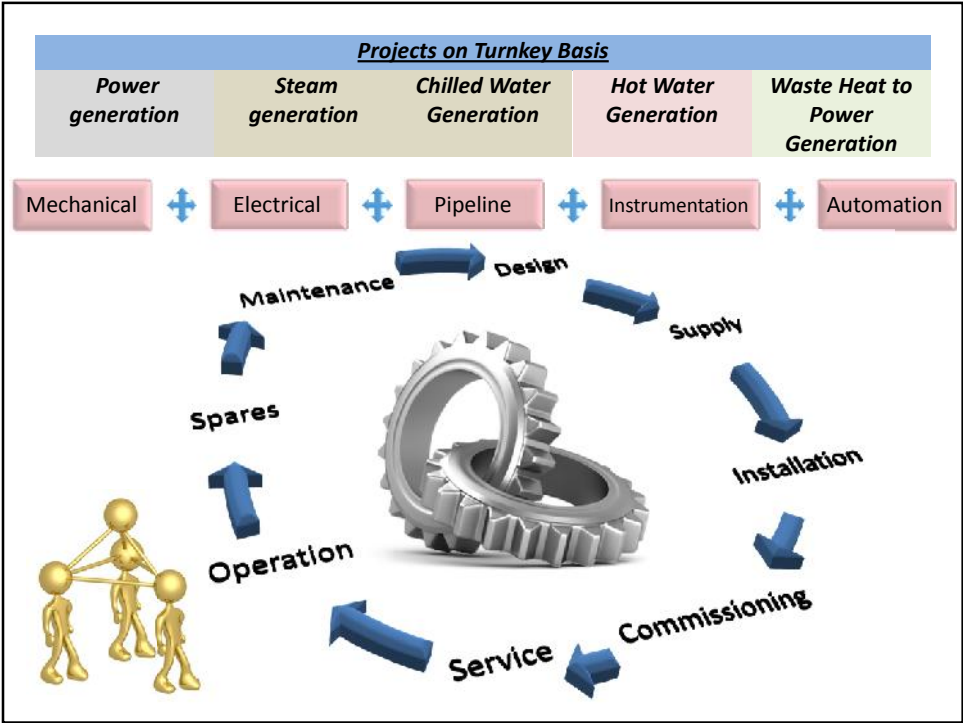
Turnkey contracts

- **POWER & ENERGY – Diesel / Gas / Turbine Based Engine driven Pwer Generator sets with combined Steam / Chilling / Power, based – Captive / Combined Heat & Power solutions**
- **OIL & GAS - Gas Engine based compression & transfer pumping drive system, Oil/Gas/Air handling, pumping, boosting & transfer system, Engine & Alternator/compressor based soultions.**



- **RENEWABLE ENERGY** - *Bio-mass Gasification, Landfill gas, Propane gas, Coal Methane gas & Blast Furnace gas based solutions, Bio-gas Digester & Scrubbing, Gas cleaning, Gas treatment & Moisture removal system, Municipal Waste Water treatment system, Plant Air conditioning & Dry/Wet Ventilation System for commercial & Industrial fields.*
- **AMF** - *Power Evacuation system including Transformers, HT & LT Panels with Power Generation, Receiving & distribution system / control system & PLC based Scada System*

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- *Gas & Diesel Engine Power Generator*
- *Steam Turbine Generator*
- *UPS Alternator Generator*
- *HT & LT Sub stations*
- *Gas & Air compressor*
- *Waste heat recovery Boiler & Hot Water Generator*
- *Gas & Coal fired Boiler*
- *Vapor Absorption Machine*
- *Transformers, Control & Power Distribution Panels*
- *PLC, Scada & Automation systems*
- *Pumps , Cooling towers & Plate heat exchangers*
- *Electrical Items, Cables & Bus ducts*
- *Pipelines & Structural steels*
- *Batteries & Battery chargers*
- *Gas conditioning & filtration system*
- *Bio mass Gasification system*
- *Bio gas Digester system*
- *Mechanical & electrical tools*
- *Acoustic enclosures & Acoustic insulation*
- *Hot & cold Pipeline insulation*
- *AHU units & Fire Fighting Systems*

## **Our Solutions**



## **Engineering Services**



- P & I diagrams including Layouts & sizing
- Specifications for various utility equipments & package units
- Structural Engineering
- Equipment Engineering
- Piping Engineering
- Electrical Engineering
- Instrumentation Engineering
- Insulation and Painting
- Project Planning and scheduling
- Project Co-ordination and Management
- Site Management And Supervision
- Floating Inquiry
- Technical and Commercial Bid Analysis
- Purchase Recommendation & Expediting
- Start-up, Pre-commissioning & Commissioning Assistance
- Operation & maintenance contracts long term & short term
- Power Generation/ Transmission / Distribution Systems
- Electrical sub-station, AMF, MCC, PCC, etc.
- Man Power Out source
- Training



## Our Customers:



- Triveni Turbines Limited.
- Atul Limited.
- Mother Dairy.
- JB Chemicals.
- Heubach Color Limited.
- Kohler India.
- APAR Industries.
- John Energy.
- ETA Engineering.
- Gmmco Ltd.
- Bemco Contracting Pvt. Ltd
- GVK
- Super Power Generators Pvt. Ltd
- Ankur Scientific Energy.
- MSR Power Ventures.
- Gokulanand Group of Industries.
- Pratibha Industries Limited.
- Satake International , Japan.



## Our service contracts for Operation & Maintenance

- Mother Dairy, Ahmedabad – 4X900 KW Waukesha Gas Engine Based CHP including WHRB, VAM, Auxiliaries, Power, Distribution & Control Panels.
- Atul Ltd, Ankleshwar – 6X900 KW Waukesha Gas Engine Based CHP including WHRB, Power, Distribution & Control Panels.







### Our service contracts for Operation & Maintenance

- Hebach Colors, Ankleshwar – 5X900 KW Waukesha Gas Engine Based CHP including WHRB, HWG, Power, Distribution & Control Panels.
- Gokulanand Texturisers & petrofibres, Surat – 10X1MW Waukesha Gas Engine Based CHP including, Vam, 66 kv substation, Power, Distribution & Control Panels.
- Omnava Solutions India Pvt. Ltd., Ankleshwar - 2X900 KW Waukesha Gas Engines based Captive Power Plant & 11Kv substation including Power, Distribution Control Panels & switch gear equipment



### **OUR PROJECTS** **Steam Turbine Based Power Plant.**



Customer : M/s Triveni Turbine Limited.  
End Customer : M/s Alok Industries

➤ ***3MW 11 Kv Steam turbine based power plant complete Electrical Installation, testing and commissioning.***



**OUR PROJECTS**  
**Biomass Gasification & Gas Engines Based**  
**Power Plant in Thailand.**



Customer : M/s Satake International  
End Customer : M/s A Plus Power

➤ *3 MW Captive Power Plant Project on turnkey basis includes Supply, Installation & Commissioning of total power plant including Gas Engines, Panels, & other electrical & mechanical BOP items.*



**OUR PROJECTS:**  
**Steam Turbine Based Biomass Power Plant**



*MSR Bio Power – 7.5MW Steam Turbine Project  
(Under Execution)*



**OUR PROJECTS :****Mumbai International Airport (Under Execution)**

Customer : M/s ETA Engineering Pvt Ltd.

End Customer : M/s Mumbai International Air Port Pvt Ltd. (GVK).

➤ *11KV, HT Sub-station erection, Testing & Commissioning At Mumbai International Airport..*

**OUR PROJECTS :****ONGC Office Green Building, BKC - Mumbai**

Customer : M/s Triveni Turbine Ltd, Bangalore.

End Customer : M/s ONGC, Mumbai.

➤ *2MW, Gas Engine & VAM based Combined Heat & Power Plant – Supply, Erection, Testing, Commissioning Work.*





**OUR PROJECTS :**  
**Mumbai International Airport**



Customer : M/s Bemco Contracting Pvt Ltd.  
End Customer : M/s Mumbai International Air Port Pvt Ltd. (GVK).

➤ *HVAC Panel Boards Erection, testing , Cabling & commissioning*



**OUR PROJECTS :**  
**6MW 66Kv Substation**



Customer : M/s. Atul Limited, Ankleshwar, Gujarat

➤ *6MW 66Kv Substation including Switch gear equipment installation, testing & commissioning*




## Projects Under Execution





- Mumbai Chatrapati International Airport – Project : T1B – MLCP – Electrical Job, Installation, Testing & Commissioning.
- Mumbai Breach Candy Hospital – Project : Diesel Genset based Power Plant – Mechanical & Electrical job, Installation, Testing & commissioning.
- Nada ONGC Gas Gathering Station – Project : Gas Engine Based Power Plant – Electrical & Mechanical Job, Supply, Installation, Testing & Commissioning.

### ACHIVEMENTS - BIO MASS GASIFICATION BASED GAS GEN SET POWER PLANT INSTALLATION - THAILAND





- ❖ Loading, Unloading, Shifting & Erection Jobs for Heavy Power Generating & auxiliary equipment.
- ❖ 24X7 Operation, Maintenance & Services on Long term & short term basis
- ❖ Preventive Maintenance & Major/Minor Overhauling Jobs
- ❖ Shut down & break down & trouble shooting Jobs





Gas / Diesel Gen-sets & Steam Turbines Based:  
Power Generation Captive Power Plants,  
Co-Generation (Combined Heat & Power Plants),  
Tri-Generation (Heat, Power & Chilling)  
Including all the Electrical & Mechanical Auxiliaries



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Over view of Bio mass Gasification and Gas Engine based  
Captive power plant with IISc (Bangalore) technology at Thailand



Projects on Turn Key basis including  
Engineering,  
Procurement,  
Fabrication,  
Erection,  
Installation,  
Testing,  
Commissioning &  
Documentation works





- ❑ Our Trained & Skilled Engineers, Technicians experienced in Project Engineering, Designing, Drawing, Planning, Supervision & Execution on turnkey basis in India & Overseas.
- ❑ We Take part right from project concept and development through to project delivery and commissioning. Services including feasibility study, preparation of detailed project report, technical support in interacting with various agencies / contractors / vendors.



### Customer Support



Our dedicated team of engineers ensure that our clients are satisfied, succeeded, able to augment their delivery capability and reduce cost of the Projects/operation. It would be our privilege to be associated with you...

### Contact Us

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