



(A subsidiary company of IMP Powers Ltd.)

Imaginative
Engineering



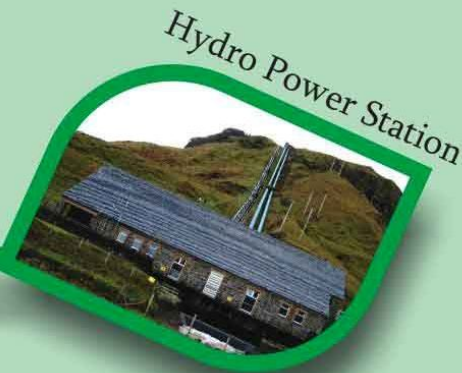
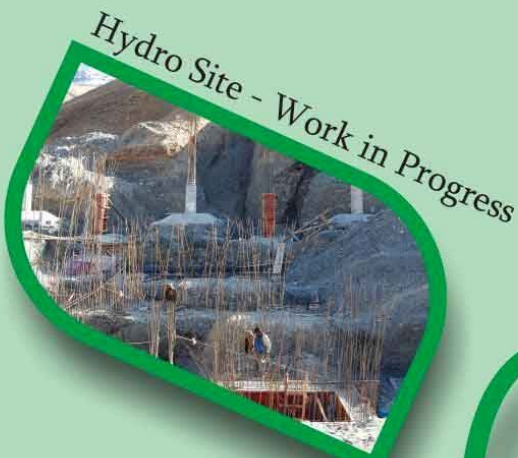


FOREWARD

IMP ENERGY LTD. has been launched in the year 2011 with a clear vision of providing clean and green power in the renewable energy sector by setting up of small and mini Hydro Power Plants in the country. The company has made long strides in a very short span in providing most modern technology effecting fresh innovations resulting in perfect results.

IMP Powers Ltd. – a leading manufacturer and exporter of Power and Distribution transformers, in it's 50th. Year of operation expanded it's wings and forayed into the endless and most mature source of renewable clean energy – Hydro Power. Only one third of the available hydropower is harnessed as yet, the hydropower generation is destined to continue to grow rapidly. IMP ENERGY LTD., thus has ventured into this sector not only to provide end to end solutions in Hydro power but also to support the Government of India's latest thrust in renewable energy.

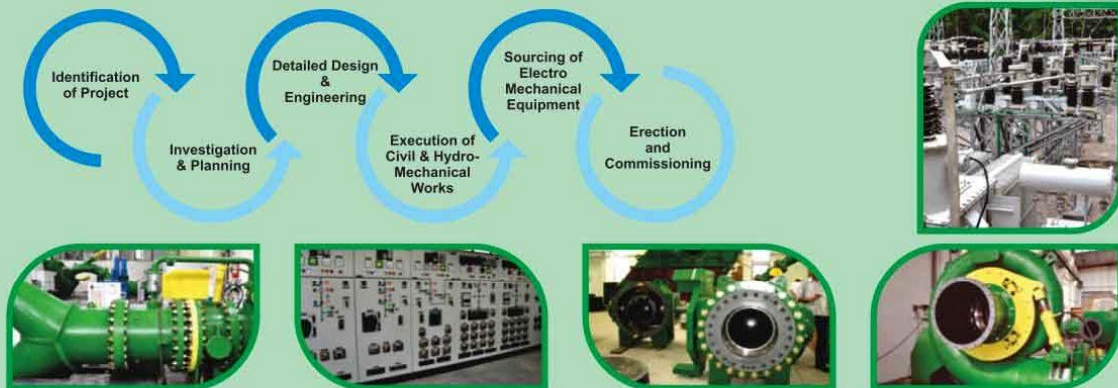
In pursuit of excellence, our motto is adherence to stringent quality norms, ethical process standards and above all Imaginative Engineering to generate CLEAN & GREEN ENERGY for a clear and brighter tomorrow.



ABOUT US:-

We are a new entrant into Hydro power sector but have brought in the rich experience of proven technologies with new innovative ideas to counter the diverse and intricate challenges. We are fully geared to cater to Industry's needs which primarily exists in the northern, North-Eastern and the Western regions of India.

PROJECT LIFE CYCLE



OUR EXPERTISE :- CLEAN POWER GREEN POWER

Our hydro power generation solutions are based on profound and multifaceted understanding of the customers requirements and the current power market survey. The complete synchronization for the same revolves around our three key changers to maximize the return on investment by the customer over their entire life cycle. These are



IMP ENERGY LTD has already set it's benchmarks for performance driven advanced and innovative engineering which we call - IMAGINEERING. Under this we plan to deliver technical ingenuity and far-sighted project management needed to balance all the constraints of excavation, Grid codings, Environmental considerations, discharge and head variations and water particle content. Moreover Cost to performance considerations and shorter delivery expectations make every small Hydro project a unique endeavour.

THE IMP ENERGY ADVANTAGE :-

IMP ENERGY, having already been reckoned and considered to be a major player in small Hydro power sector has all the know-how to face the challenges head-on. We believe in working with our customers by selecting and enhancing a modular solution with custom engineering (IMAGINEERING) to ensure the perfect configurations and implementations. Our Goal is to capture the full hydro potential of every site while taking into consideration landscape integration and lifetime energy generation with negative environmental side effects.



VISION :- To be a complete Project Management solutions provider in the small and mini Hydro Power sector in India as well as neighbouring countries.

MISSION :- To give end to end solutions for smoother execution of small & mini Hydro Power Plants.



COMPREHENSIVE SOLUTIONS TO YOUR TURNKEY NEEDS

INDEPTH RESEARCH & DEVELOPMENT

IMP ENERGY carries out for each project an indepth hydrology analysis and fundamental locational studies that optimizes energy efficiency, generation of power and output sustainability — whether it is a new turnkey or a restoration of small Hydro power plant.

TOTAL ONE POINT SUPPLY SOLUTION

IMP ENERGY is a one stop supplier of all Hydro Plant machineries and components. We have a consortium tie-ups with OEM's and hence offer full portfolio of components required for Hydro Power plants. Our detailed project specific design details and reliable engineering concepts make our OEM partners deliver the exact product which enables to find a balance between the efficiency of the output and competence of the project longevitiy.

CONSTRUCTION & COMMISSIONING

IMP ENERGY has conceptualized and implemented the total hydro power plant construction right from design to final commissioning. The core competence being the ability to complete the total project in time every time.

OPERATION & MAINTENANCE

IMP ENERGY having mastered the commissioning of a small Hydro Power plant, it is very necessary for us to provide our customers a structured solutions for the operation and maintenance of the same. This increases the operation lifespan of a project and helps in energy security.

When the customers are with IMP ENERGY, they benefit from greater choice of solutions which enhance their needs. Thus it enable them to achieve their aimed intention and serve their customers in an improved environment.

OUR SERVICES OFFERED :-

- ❖ Preparation of project identification reports, Pre feasibility reports, Due diligence reports and Detailed project reports
- ❖ Turnkey small & mini Hydro Power plants – construction and commissioning
- ❖ Special purpose Penstock erection and Pre engineering Civil work
- ❖ Small Hydro Project survey, Geological studies and detailed engineering design
- ❖ Project Planning and Scheduling
- ❖ Providing BID consultancy for allotment of new small Hydro Power Projects by various state governments on BOOT basis
- ❖ Operation & Maintenance of running project



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