



**VIRA POWER**
Energy Solutions

YOUR GLOBAL ENERGY PARTNER

VIRA POWER is a global turnkey developer, contractor and operator of tailored engine-based and boiler-based power plants. Our ambition is to provide highly efficient and reliable energy supply while ensuring low environmental impact and low cost for the power plant owner and consumers.

We can assist our clients throughout all or specific phases of the power plant's life cycle from project development to construction and post construction services.



VIRA POWER WORLDWIDE SERVICES

A man wearing a white hard hat and an orange safety vest is seen from the side, looking at a laptop computer. He is standing in front of a large industrial power plant with several tall smokestacks and complex piping structures under a clear sky.

***VIRA POWER** has decades of experience maintaining, repairing and upgrading power plants. Our network includes original equipment manufacturers and industry partners, enabling us to respond to all of our customers' technical needs.*

Our extensive knowledge of power plants enables us to address and remedy virtually any power plant issue.

*Whether the power plant experiences a major incident or needs repairs as part of a long-standing technical support agreement (TSA), **VIRA POWER** responds at short notice, reducing costly outage time. Our qualified supervisors, specialists and flying squads are ready to work around the clock if necessary to complete all assignments.*

OPERATION & MAINTENANCE

Operation & Maintenance (O&M) contracts cover all aspects and activities necessary to run the Power Plant in a safe and most economical manner. O&M agreement will help you to minimize your risks and maximize your profit. VIRA Power is in the position to offer OEM expertise and extensive O&M experience at the same time. Consequently O&M customers will benefit from the most extensive warranties regarding Power Plant performance.



With our experienced and highly qualified personnel we will provide the following services:

Operation (24/7)

Preventive Maintenance

Corrective Maintenance

Condition Monitoring

Remote Monitoring by Expert Center

Provision of Spare Parts and Consumables

Repair and Refurbishment of major components

Execution of scheduled Outages

All these services are provided by our organization, which is managed in compliance with international Quality, Health & Safety and Environmental standards.

An aerial night view of a large industrial refinery. The scene is illuminated by numerous lights, creating a complex pattern of bright spots against the dark sky. In the foreground, several large, cylindrical storage tanks are visible, surrounded by a network of pipes and walkways. In the background, a dense array of distillation columns and other industrial structures rise into the night. The overall atmosphere is one of intense industrial activity.

INDUSTRIES



OFFSHORE

OIL & GAS

Diesel/Dual Fuel Engine Service

- *Riding Crews*
- *Swing Set Model*
- *Major Casualties*

Workshop Reconditioning/Repairs

Reconditioning of:

- *Damaged crankshafts*
- *Fuel Injectors, nozzles, valves and pumps*
- *Piston Rods/Connecting Rods*
- *Exhaust valve spindles, seats and cages*
- *Cylinder liners*
- *Piston crowns/skirts*
- *Cylinder heads/covers*
- *Electrical motor rewinds and repairs*
- *Overhaul and repair of governors and controls*
- *Turbocharger repairs and balancing*
- *Centrifugal casting of white metal bearings/stern tubes*



In-Place Machining

In-place crankshaft machining (main and crankpin journal)

In-place annealing of crankshafts (class approved)

Line boring of engines

Lower liner landing surface repair

Broken cylinder stud removals

Propeller shaft machining

Flange facing

Metal stitching / cast iron repair

Laser alignment and chocking



HYDRO

POWER

- *In Place Machining*
- *Bearing Refurbishment / Reconditioning*
 - *Metal Stitching/Cast Iron Repair*
 - *Control Modernization and Upgrade*

VIRA POWER makes sure that worn parts are restored to their original performance.





DIESEL / DUAL FUEL

GAS ENGINE POWERPLANTS

Diesel/Dual Fuel Engine Service

A large, complex industrial engine, likely a Diesel/Dual Fuel engine, is shown in a workshop or service area. The engine is mounted on a metal frame and features several yellow-painted components, possibly fuel injectors or sensors. A metal staircase is visible on the right side of the engine. The background shows various pipes, hoses, and structural elements of the facility.

- Mobile Field Service /Component Overhaul /Major Casualties

In-Place Machining / Workshop Reconditioning/Repairs

A photograph of a nuclear power plant at sunset. The sky is a mix of deep blue and vibrant orange and pink. Several large, white, cylindrical cooling towers are visible, with steam rising from them. The plant's lights are on, and their reflection is visible in the water in the foreground. A white banner is overlaid on the right side of the image, containing the text 'NUCLEAR' and 'POWER'.

NUCLEAR

POWER

A photograph of an emergency diesel backup generator in a control room. The generator is a large, light-colored industrial machine with a prominent red emergency stop button on top. It is connected to various pipes and electrical conduits. The background shows a control panel with a grid of buttons and a large circular gauge. The floor is green.

*Emergency Diesel Backup
Generators*

Unplanned Outages Planned

Maintenance Outage

STEAM

&

GAS TURBINE

In-place Machining

- *Repairing of damaged shafts*
- *Machining of worn collector rings*
- *Stud removal*
- *Line boring*
- *Flange facing*
- *Valve repair*
- *Laser cladding and finish machining*
- *Laser measurement and alignment*
- *Complex metal stitching / cast iron repairs*

Outage Support

Other Repairs

- *Gas and Steam path inspections*
- *Turbine Valve Services*



HEAD OFFICE

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