

# Wärtsilä Optimised maintenance



Wärtsilä is an experienced operator, with a proven track record in operation and maintenance services since the 1990's. Globally, more than 22 GW of generating capacity in both marine and land based installations – totalling over 500 installations – is covered by Wärtsilä's Lifecycle solutions.

A long-term optimised maintenance solution with Wärtsilä is an efficient way to ensure certainty of operations and prevent the unexpected. It means agreeing on and working towards shared goals that are measured by defined Performance Indicators. The Optimised maintenance solution is always flexible and tailored to your specific needs. If your needs or business environment change, the solution is adapted to suit the new situation.

## **PARTNERSHIP WITH COMMON GOALS**

Optimised maintenance solution is a partnership aiming to ensure that your investment is secure and predictable. It ensures certainty of operations by transferring the responsibility for the maintenance of your power plant to Wärtsilä. The solution covers maintenance planning and services whenever needed, with fixed prices for inspection, operational and technical support, spare parts, training and maintenance work.

Certainty of operations also brings additional benefits, such as increased efficiency and cost predictability, when operational costs can be accurately estimated and unexpected costs avoided.

Having Wärtsilä in charge of the maintenance of your power plant allows you to focus on your core business. Wärtsilä is responsible for planning and coordinating maintenance, logistics, workforce and spare parts supply. The solution also gives you access to 4500 field service professionals deployed in 170 locations in 70 countries, making sure that a service crew is ready to serve you whenever needed.

## **A MORE RELIABLE AND EFFICIENT POWER PLANT**

A Wärtsilä Optimised maintenance solution is a sound investment with a direct impact on the overall operational efficiency and financial performance of your power plant.

## **FINANCIAL PREDICTABILITY**

A long term solution with fixed prices enables sound financial predictability. The lifecycle costs of your power plant can be forecasted accurately, maintenance expenses for the coming years precisely budgeted and unplanned costs significantly reduced.

## **KEY BENEFITS**

- Optimal running conditions and optimised maintenance
- Financial predictability
- Guaranteed response times
- Maximised uptime and ensured equipment safety
- Dedicated experts at your service
- Operational advisory and remote monitoring of equipment



## **MAINTENANCE MANAGEMENT AND COORDINATED SCHEDULES MAXIMISE UPTIME**

Typically, Wärtsilä is called upon to conduct planned maintenance from an early stage in order to minimise unplanned maintenance. We provide all the parts and experienced workforce needed in accordance with agreed schedules.

By contracting maintenance to the OEM, our customers can reduce their fixed costs by having a leaner operation and maintenance organisation.

## **EFFICIENT SCHEDULED MAINTENANCE**

Our maintenance management services include crucial activities to ensure that scheduled maintenance is planned, managed and executed efficiently within the agreed time schedule.

Our maintenance management experts plan all scheduled maintenance, schedule manpower, order and coordinate spare part deliveries, and finally issue a detailed report of the maintenance work done.

## **EXTENDED WARRANTY**

As standard, we offer an extended warranty on our spare parts delivered and installed by our personnel. In addition we offer an extended warranty on workmanship.

## **CONTINUOUS PERFORMANCE IMPROVEMENT PROPOSALS**

Changes in operating profile and availability of improved or innovative technologies can offer additional opportunities to improve your assets. During the lifecycle of the agreement, which can be up to ten years, we proactively propose modernization and upgrade solutions to improve asset efficiency.

## **ONLINE DATA ENABLES ADVANCED SUPPORT**

Through online data, such as plant operating parameters, we can support customers operating personnel remotely from our contract centres. Our senior level technical experts give advice to our customers plant personnel via phone, email or our TechRequest application. Plant operating data helps us to predict the engine conditions which form the basis for the maintenance plan.

Power plant condition monitoring enables us to identify faults well before they lead to unscheduled outage.

## **FULL RESPONSIBILITY FOR MAINTENANCE**

The Optimised maintenance solution transfers the responsibility for your power plant's maintenance to Wärtsilä. It is a proven way of preventing the unexpected, and keeping your power plant productive

and profitable throughout the entire lifecycle. It also means extended lifetime for the power plant and reduced operational costs in a safe, reliable, and environmentally sustainable way.

## **SOLUTION SCOPE**

- Maintenance cost and service level assurance
  - Scheduled maintenance
  - Maintenance management
  - Parts logistics
  - Remote operational and technical support
  - Condition monitoring and technical advice
- Optional:
- Annual performance tests
  - Emission measurements
  - Power plant audits

**This lifecycle solution ensures operational reliability and power plant performance. Contact us today for a better tomorrow!**