

## Wärtsilä Maintenance management and operational advisory services



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.

The Maintenance management and operational advisory solution with Wärtsilä, enabled by remote operational advisory services, maintenance planning and spare parts logistics, ensures operational reliability and power plant performance.

### A DEDICATED EXPERT AT YOUR SERVICE

A solution with Wärtsilä ensures optimal running conditions and optimised maintenance for your power plant. In the event of operational issues, the agreement secures a prompt response. Wärtsilä technicians will resolve technical issues in the shortest possible time to ensure safe and reliable plant operations. You will be served by a dedicated expert with senior technical experience who will advise plant personnel, plan the maintenance programme, monitor the condition of equipment, and thus reduce the need for unscheduled maintenance visits. The agreement is based on a fixed monthly fee, enabling financial predictability throughout its lifetime.

### MAINTENANCE PLANNING

What we can measure and analyse, we can optimise and predict. With continuous measurement and analysis, the operation of your plant can be improved and its maintenance needs can be predicted. This will keep your power plant running at optimal conditions, at the same time improving fuel economy and reducing maintenance costs.

### MAINTENANCE BUDGETING SUPPORT

Planning maintenance ahead of time and estimating the budget in advance brings financial predictability for many years ahead. Foreseeing unexpected maintenance costs can mitigate uncertainty.

### KEY BENEFITS:

- Optimal running conditions and optimised maintenance
- Financial predictability and maintenance budgeting with fixed monthly fee
- Guaranteed response times
- Maximised uptime and ensured equipment safety
- Dedicated expert at your service
- Operational advisory services and frequent 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 minimize unplanned maintenance. We can 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.

**ONLINE DATA ENABLES  
ADVANCED SUPPORT**

Through online data, such as plantoperating 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.

**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.

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

- Maintenance budgeting support
- Manpower planning and co-ordination
- Parts logistics
- Annual parts and maintenance budgets
- Remote operational and technical support
- Condition monitoring and technical advice
- Optional:**
- Annual performance tests
- Emission measurements
- Power plant audits

