

Steam Turbine & Generators Flexible Long-term Service Programs (Flex LTP)

Ersan Alomerovic, Matthias Störkel

14th September 2023 | STG Customer Days @ NBG





Flex LTP

Flexible Long-term Service Programs

Maintenance programs tailored to customer needs

Aimed to maximize time interval between overhauls through Remote Diagnostic Services, allowing condition-based repairs and parts replacement to reduced life-cycle costs

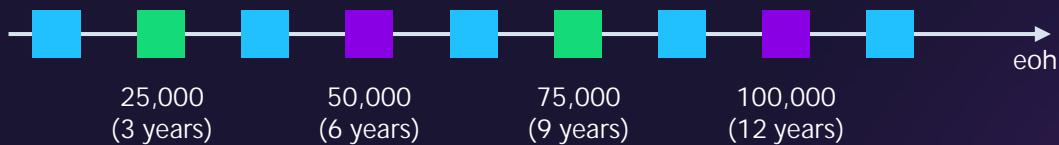
Highly suitable for customers looking to,

- Increase production by having fewer planned shutdowns
- Increase reliability of their rotating equipment through remote on-line service and support
- Avoid challenges in procuring and maintaining the necessary spares and tools needed before their planned overhaul
- Avoid frequent unplanned shutdowns

Flex LTP Features

Comparison between OEM maintenance concepts

Conventional maintenance concept:



Flex LTP Concept:



■ Inspection ■ Minor Overhaul ■ Major Overhaul → Remote Diagnostic Services²

Customer Benefits:

- ↓ Reduced equipment maintenance costs and inventory
- 📄 Predictable cost (for preventive up to defined corrective maintenance)
- 🔗 Simplified business due to agreed T&Cs
- 📊 Outages planning support
- 🗣️ Higher availability (Guaranteed)
- ↑ Improved performance (supported by CTS¹)
- 🤝 More reliability (supported by CTS¹)
- 🎧 Fast emergency-support (supported by CTS¹)

1 CTS – Customer Technical Services including Hotline Support and RDS
2 Remote Diagnostic Services (RDS) is a precondition requirement for Flex LTP

Spares management concept

FlexLTP Spare Part Concept

Spare Parts Availability

- 2-years Spare Parts Package
- New Unit and selected Maintenance Consumables

- Additional Strategic Long
- Lead Time Parts

Replenishment as required

Spare Parts for Scheduled Maintenance based on 12 Years term

open-/ close- spare parts & must replace spare parts for:

1st Minor Overhaul

2nd Minor Overhaul

1st Major Overhaul

Emergencies

Forced Outage

Packages offered within Flex LTP

Standard within Flex LTP

Reactive

Essential

Connect and get insight into your equipments' health

Improved emergency-support responsiveness in the event of an issue with advanced remote troubleshooting and access to equipment data



Proactive and reactive

Advanced

Proactively protect covered equipment by analyzing historical condition changes in order to reduce the risk of potential issues before they impact operations

Ensure operational continuity by resolving actual issues with proactive advanced remote troubleshooting



Consultative, proactive & reactive as option

Prime

Improved availability and productivity potential with fast remote support, troubleshooting, and routine maintenance.

Optimized maintenance individualized to customer needs



Our payment models

are flexible and tailored to your specific needs and boundary conditions.

