Steam Turbine Overhaul

The cost effective way to power your profits for decades to come
A Siemens overhaul will restore your turbine. We offer modifications and upgrades to enhance performance, availability and efficiency, and incorporate the latest R&D advances into our overhauls as standard – knowledge gained from a fleet of thousands around the world. The result is a steam turbine that meets today’s exacting environmental and operational requirements, at a fraction of the cost of a new unit.

**Protecting your investment**
Siemens has history and experience when it comes to steam turbines. We have been making, servicing and supporting turbines for over 100 years, and we have turbines in operation that have been running for generations. Siemens supports its customers by offering reliability and stability.

**Genuine Siemens parts**
As an Original Equipment Manufacturer (OEM), Siemens overhauls use only genuine Siemens parts, to avoid weak links that could cause premature failures and unnecessary downtime. Failing parts are replaced with improved designs and enhanced materials. This is built-in quality upon which customers can rely.

**Who knows your turbine better than the people who built it?**
With Siemens, there’s no need to stop your turbine to obtain parts and components. With our original drawings and expert OEM knowledge, we know the exact specification of parts and materials needed. Coupled with data from millions of hours and cycles of operation, we can advise on improvements before a breakdown happens, and also assess whether there is enough design margin to continue with operation.

**Cost saving where it matters**
Saving money on short-term repairs may not reduce costs in the longer term. Siemens has the expertise to save our customers money without compromising long-term performance or reliability.

**The bigger picture**
A Siemens overhaul will help your turbine last for years, but Siemens also supports customers in the meantime. Whether it’s parts, field service, advanced support or training, Siemens can manage customer needs. Customers signing up to our Long Term Program typically experience a turbine availability of over 97% and over 99% reliability – have you considered your long term profits?

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“Who knows your turbine better than the people who built it?”
An aging turbine can cause reliability concerns. Siemens’ major overhauls find and fix faults before they develop into larger problems. With our latest R&D enhancements, genuine Siemens parts and round the clock service, unexpected downtime is one less thing you have to worry about.

Every turbine is unique
The schematic above shows some of our standard services. However, Siemens will offer you a customized overhaul, perfectly tailored to your budget, operation and future plans. Talk to us!

OEM benefits
- Life time assessment and Life time extension
- Genuine Siemens parts
- Option to repair/recondition parts instead of replacing them
- Flexible maintenance scheduling options
- Round the clock support, 24 hours a day with the option of advanced remote diagnostics
- Consultancy services for plant optimization
- Original design data and drawings to maximize your uptime
- Expert OEM judgment on damage and operating margins
- Education and training
- Steam chemistry and oil characteristics analyzed by steam turbine experts
- Service Agreements

“Peace of mind that your profits will always be as reliable as your overhauled turbine.”