



Critical Spares Parts for Rotating Machines

Ensure equipment availability and reduced downtime

KEEP CRITICAL SYSTEMS RUNNING

Every system needs spares. Eventually the seals leak, bearings become worn, capacitors dry out, etc. GE is committed to the proactive life cycle management of our systems. Global facilities, an inventory of over 8,000 parts and a highly reliable supply chain means the right part will be available at the right time.

With GE, you get genuine OEM-supplied parts that preserve the integrity of your asset, but that's just the beginning. You will experience a true collaboration that helps improve your plant's performance, reliability and safety. We'll help ensure your equipment can incorporate technology improvements down the road.

STRATEGIC SPARES TO ENSURE AVAILABILITY

Spares represent a small investment that can have a significant effect on availability. Keeping essential spares on site is a good asset and provide several benefits.

For small machines, we recommend stocking complete units that can be swap-in and swap-out the defective equipment. Larger rotating machine parts are typically made-to-order (spare rotor and stator) and hence may be subject to longer lead times. We'll help you identify the parts critical to your operation that should be held.



BENEFITS OF PROCURING OEM PARTS

- Genuine parts ensure plant safety & integrity
- Guaranteed source of replacement parts
- High-quality, durable replacement parts help utilities extend equipment lifetime and enjoy safer and more efficient operation
- Optimal utilization of your operational budget as we help you stock only what is critical for your equipment and application needs
- Where appropriate re-engineering of your equipment to incorporate current technology
- Helps reduce production downtime & risk of failures

SPARE PARTS CLASSIFICATION

RM Spare parts can be classified into three - based on criticality, profile behavior and the propensity to fail:

“Highly Critical Spares”

Large bespoke parts including stator, rotor, exciter, PMG, AVR, main & neutral Terminal Box bushes without which the machine ceases to operate, resulting in downtime up to several months.

Parts including diode, pressurization unit, LP oil lube unit, slip ring brush without which the machine cease to operate, resulting in downtime up to few months.

“Medium Critical Spares”

Parts including production CT/VT, bearing, seal, cooler battery, fan motor without which the machine continues to operate at a reduced load, resulting in lower performance for few weeks.

“Low Critical Spares”

Parts including space heater, probe, leakage detector which have no immediate effect on the machine, however there is risk of failure of system protection.

We can offer critical parts management consultancy. To simplify your spare part order, you can request a preventive maintenance kit for the upcoming service.

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