



# Services & Spare Parts for Rotating Machines

Optimal OEM Spares and Strategic Maintenance Services to reduce downtime

## REDUCING UNPLANNED OUTAGES

As equipment ages, the risk of an outage increases, and a prolonged unplanned outage can result in significant loss of production and revenue.

Ensuring equipment availability is a key priority and the availability of spares is an important aspect in having the right strategy. Having the right spare part on site and on time can help you reduce downtime from several weeks to few days in the case of parts made to order. Consequently, an optimal investment in spares can have significant impact on availability.

Systematic regular maintenance of rotating electrical equipment ensures efficient operation and helps reduce the risk of outages. The frequency of maintenance should reflect the equipment operating conditions.

## ROTATING MACHINES (RM) SERVICE OFFERING

GE offers a variety of cost-effective services programs to cover all the maintenance needs for any electrical rotating machinery.

- ✓ **RM Maintenance Services (Planned/Regular)**
- ✓ **RM Health check & Inspection**
- ✓ **Test & Inspection for Motor Status Assessment (TIMSA)**
- ✓ **PC APM – A new GE's Digital Services Offering**
- ✓ **Obsolescence & Life cycle Management Solution**
  - ✓ **Last Time Buy offering**
  - ✓ **Modification & Upgrade Services**
  - ✓ **Refurbishment solutions**
    - ✓ **Repair & Replacement**
    - ✓ **RM Stator Rewind in Situ**
- ✓ **Critical Spare Parts Management**
- ✓ **Long Term Service Agreement (LTSA)**
- ✓ **Rotating Machines Training**



## POWER CONVERSION ASSET PERFORMANCE MANAGEMENT (PC APM)

PC APM is a new digital services product that gives prior notice of the failure of motors, generators and drives. It can reduce unplanned downtime by 50% and more.

You will gain access to patented physics-based analytics that identify future failures from electrical signatures given by the equipment. Electrical signature detection provides a wider range of failure mode detection than conventional temperature and vibration monitoring.

Combining our 100 years of experience in building electrical machines, and outcome of our research into failure detection, we offer a reliable equipment health forecast, cost effective enough to deploy even if your plant is very large such as steel or paper mills, because, unlike other solutions, it doesn't require expensive and fragile sensors. It may require a software update to the drive and connection to the cloud.

## LOCAL PRESENCE SUPPORTED BY A GLOBAL ORGANISATION

Local presence, global expertise and a strong heritage are the basis of our universal portfolio of rotating machines service solutions. GE's Global Service Contract Center is available 24/7 for 365 days a year.

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