

服务产业

Service Industry



上海电气电站设备有限公司发电机厂
Shanghai Electric Power Generation Equipment Co.,Ltd. Generator Plant



总体介绍 General Introduction

服务产业客户为中心，响应市场需求，主要从事全球所有行业、品类的汽轮发电机及成套设备的服务业务，涵盖全生命周期的运维、备件、检修、技改；拥有电力工程总承包、承修承试、建筑等多项资质；致力于为用户提供全生命周期服务、全方位的系统解决方案，降低发电机故障和风险，提高发电机组可靠性、安全性和经济性。

Service Industry is customer-oriented, responding to market demand, mainly engaged in service business of all industries and categories of turbo-generator and complete equipment, covering the whole life cycle of operation and maintenance, spare parts, overhaul, technical retrofit; possessing multiple qualifications, such as power engineering general contracting, maintenance and testing, construction and etc. We are committed to providing full life cycle services and comprehensive system solutions for customers, to reduce generator failure and risk, and improve the reliability, safety and economy of generator units.

备品备件 Spare Parts

✓ 原装备件

Original Spare Parts

✓ 品质保障

Quality Assurance

✓ 快速供货

Fast Delivery

✓ 紧急调拨

Emergency Allocation

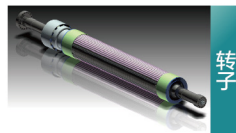
战略备件

Strategic spares



Stator

定子



Rotor

转子

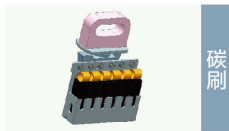


Joint reserve of Strategic Spare Parts

联储战略备件

运维消耗备件

O&M consumable spares



Carbon Brush

碳刷



Filter Element

滤芯

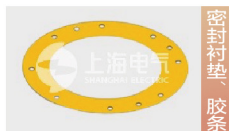


Rotor Packing

转子盘根

拆装更换备件

Dismantling and replacing spares



Sealing Gasket & Rubber Strip

密封衬垫、胶条



Sealant

密封胶

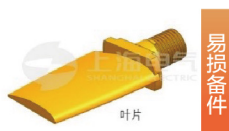


Threaded Parts

紧固件

易损寿命备件

Vulnerable life spare parts



Quick-wear Parts

易损备件



Lifetime Spare Parts

寿命备件



Seal Ring & Bearing

密封瓦、轴瓦

电商直连 一键下单

Manufacturer's Online Direct Sales.
Easy to place an order.

□ e站通服务一站式自有平台（国内版、国外版）

□ 国能、华能等客户电商平台

- One stop self owned platform (Chinese version, & Overseas version)
- e-commerce platform for customers such as Guoneng and Huaneng



长协业绩

Achievements of long-term Association

国能天津北疆电厂、广东大浦电厂、浙能温州电厂、粤电珠海电厂、浙能宁海电厂、华兴燃机电厂

CHN Energy Tianjin Beijiang Power Plant, Guangdong Dapu Power Plant, ZheJiang Energy Wenzhou Power Plant, Yudean Zhuhai Power Plant, ZheJiang Energy Ninghai Power Plant, Huaxing Gas Turbine Power Plant.

核心检修

Core overhaul

范围 Scope

发电机A/B/C修的检查、试验和更换修理，经验丰富的资深专家团队对发电机“望闻问切”专家诊断，消除故障隐患，避免重大事故。

SGP has the ability to inspect, test, and replace repair work for generator A/B/C level overhaul. SGP has an experienced team of senior engineers to diagnose generators, eliminate potential faults, and avoid major accidents of generator.

优势 Advantage

- 专业方案、人员和设备
- 核心检修或EPC交钥匙工程
- 状态评估，快速消缺，保障性能

- Specialised solutions, personnel and equipment
- Generator core maintenance or Engineering Procurement Construction project.
- Generator status assessment, rapid elimination of defects, ensuring generator performance



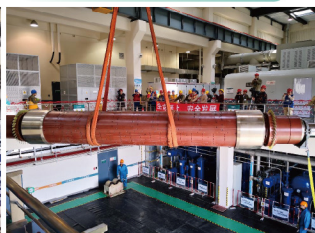
专业人员

Professional Engineers



专用工具

Professional Tools



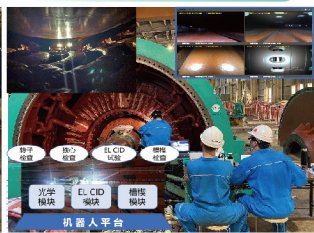
技术支持

Technical Support



专用仪器

Special Instrument



灵活修理

Flexible repairs

范围 Scope

根据客户需求，灵活定制修理方案，现场处理或返厂修理，更换零部件和修复缺陷，消除故障、恢复性能。

According to customer requirements, Flexible customized repair plans, on-site processing or return to the factory for repair, replacement of parts and repair of defects, elimination of faults, and restoration of performance.



专家评估

Expert Assessment



移动服务车

Mobile Factory



应急抢修

Emergency Repair



保驾护航

Safeguarding the start-up of the generator



优势 Advantage

- 业内领先的速度和可靠性处理缺陷
- 专家评估，现场或返厂处理，临时处理、短期处理和根除隐患等多种方案
- 国内领先的制造能力，修理经验丰富、技术雄厚，物料、装备等储备充分

- Industry leading response speed and reliability in handling defects
- Expert evaluation, on-site or return to factory processing, temporary treatment, short-term treatment and eradication of hidden dangers and other programs
- Leading manufacturing capacity in China, well-experienced and abundant technology of generator repair, Sufficient reserves of materials and equipment.

可靠性提升，适应灵活性运行

Reliability improvement which is suitable for flexible operation of Generation

材料升级

Material Upgrades

结构改进

Structural Improvements

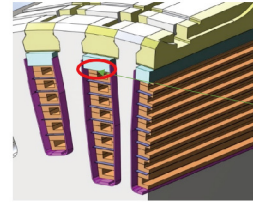
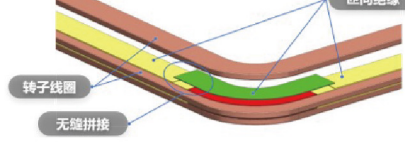
工艺优化

Process Optimisation

转子重绝缘改造 Rotor insulation modification

新型无缝拼接结构

Seamless splicing structure for Rotor turn-insulating

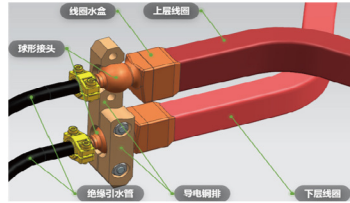


滑移层采用耐磨的NOMEX纸+特氟龙喷剂

The new sliding layer is made by wear-resistant Nomex paper + Teflon spray

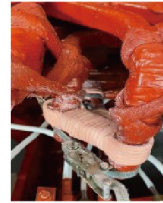
锡焊改球形接头

Tin welded structure changed to spherical joint structure



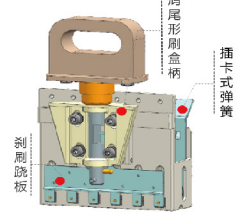
定子结构件加固

Stator structure components fixing



集电环技术升级

Collector ring technology upgrade

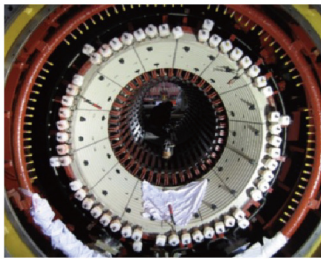


经济性提升

Economic improvement

容量增大、机组延寿

Generator Capacity Increase & Life Extension



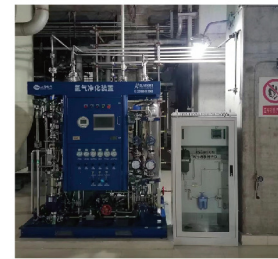
发改调、发增调

Transforming the Generator into the Synchronous Condenser & Generator add Synchronous Condenser function



效率提升

Efficiency improvement



智慧电厂

Smart Power Plants

全面监测、数据集采、智能诊断，搭建专业发电机健康管理平台。

Establishing a professional generator health management platform through comprehensive testing, data collection and intelligent diagnosis.

