



Prism Power Group

Switchgear · Critical Systems · Intelligent Solutions · Maintenance Services



Maintenance Services

Service Contracts
Critical On-Site Spares
Remote Monitoring
Proactive Service & Maintenance
24 X 7 X 365 Emergency Support

WHERE **POWER**
MEETS **IT**
INTELLIGENTLY

Prism Power Group : Maintenance Services

At Prism Power it has long been understood the need to use planned preventative maintenance in order to sustain the safe and reliable operation of critical plant and equipment. The implementation of a strategic and long term coherent maintenance regime throughout the whole lifetime of the equipment will protect the value of assets and ensure efficiency of operation without risk, compromise or disruption to core day to day business activities.

Prism Power offers a full suite of after care services to keep your critical plant operating and aimed at increasing mean time between failures (“MTBF”) and yet also offering the critical response when problems do occur to get you back up and running with the minimum of downtime.



Planned, Preventative Maintenance

For the effective operation of plant and equipment to be sustained, a regular organised scheme of maintenance activities designed to cover all critical elements of the installation and implemented against fixed maintenance periods are required.

At Prism Power we have substantial experience of implementing rigorous, cost effective maintenance regimes that meet regulatory and manufacturer guidelines for equipment. We can use this knowledge to implement the optimal maintenance plan to meet your needs.

By deploying a range of intrusive and non-intrusive maintenance techniques, equipment faults and business interruptions can be avoided or even eliminated providing an effective, yet

thorough regime of allowing whole life operation of equipment.

To further enhance the value of these maintenance activities, detailed customer reporting and a system of comprehensive logging of records also helps promote the longevity of equipment through trending and historical



Power Systems - Testing & Verification

Having designed and installed a resilient and robust power system for your needs the final and, some may say, most vital stage of the process is to rigorously test and prove its correct operation to ensure that, when required to operate in an emergency scenario, it functions fully for complete

confidence in the systems performance. Prism Power can provide a comprehensive range of testing services including Factory Testing, On Site Load Bank Testing, Graphical Performance Test Results, Integrated System Testing and Cause & Effect analysis as well as many others.

24 x 7 x 365 Emergency Response

Of course, when equipment malfunctions or operation issues occur it is vital to be able to call upon experienced and fully trained engineers who have the skills and knowledge to be able to effect first time fixes allowing normal operation and service to be resumed with the minimum of downtime.

Prism Power prides itself on the engineering resources it has available to support its customers on an emergency call out basis. Alongside this Prism Power can provide a range of crash kits, spares and tools to implement the correct repair without unnecessary further inconvenience to customers or their core activities.

Prism Power can also recommend and supply a comprehensive range of spare parts and crash kits for customer sites. By combining the expertise of Prism Power's qualified and experienced personnel with customers critical spares we can ensure MTTR (mean time to repair) is reduced to a minimum with the focus being on "first time fix" as our ultimate aim.



Thermal Imaging

Thermal Imaging is a non-intrusive technique designed to use thermography to identify potential causes for concern before they escalate further;

- Identify load imbalances
- Identify poor/loose connections
- Identify overheating issues



Vibration Analysis

Regular vibration analysis of your rotating equipment by a Prism Power engineer allows for;

- Monitoring & recording normal wear of your machinery
- Early indication of premature equipment failure
- Prevention/limiting major component damage or catastrophic failure of capital plant

Some of our services...

Thermal Imaging

Trending & Analysis

Detailed Client Condition

/Survey Reports

Vibration Analysis of

Rotating Equipment

Visual Inspection

Cleaning & Deep Cleaning

Spare Parts & Crash Kits

Operational Checks

Load Bank Testing

Electrical Testing

Mechanical & Torque Checks

Functional Testing



Prism Power Group

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The Prism Power Group has four core divisions offering complete solutions for the provision and continuity of power.

<h2>Switchgear</h2>	<p>We supply and build a full range of LV Switchgear products designed in house using our state of the art 3D design packages. Our Switchgear is certified up to 6300A with a 100kA fault rating, and we have made numerous innovations to the way LV switchgear is built reducing cost, build time and improving energy efficiency.</p>
<h2>Critical Systems</h2>	<p>At Prism Power we take pride in our ability to design and deliver world class mechanical and electrical systems for critical environments. Working with clients and end users to design a system to the right level of resilience whilst also considering efficiency and value engineering objectives.</p>
<h2>Intelligent Solutions</h2>	<p>As part of the Prism Power Group, InTouch Intelligent Solutions focuses on the delivery of energy management technologies and smart infrastructure solutions. Our total aim is to deliver efficiency savings and thus cost benefits to the client. Energy can be seen as a source of competitive advantage and we employ technology to make that a reality.</p>
<h2>Maintenance Services</h2>	<p>Alongside the design and delivery of new installations we have a fully featured aftercare service taking in proactive and reactive maintenance as well as on going monitoring and reporting for client peace of mind.</p>

The Prism Power Group of Companies takes its responsibility to its staff, customers, suppliers, stakeholders and wider environment seriously and employs rigorous quality, environmental, health and safety standards throughout all its activities.



Need further information?

We are always on hand to assist you with further information, please see our contact details adjacent.

If you'd prefer to see what we can do in person then we'd be more than happy to welcome you at our dedicated facility in Watford, UK.


Prism Power Group

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