

APRIL 2021 BULLETIN – YOUR FULL-SERVICE PARTNER TO KEEP INDUSTRY RUNNING

INTRODUCTION

To ensure your temperature control solutions continue to operate efficiently and cost-effectively, ICS Cool Energy offer a complete maintenance and back-up service which can be tailored precisely to your operation. Benefitting from a nationwide network of 50+ fully qualified and F- Gas Certified Engineers, the team provide a local, personal service with the reassurance of a leading manufacturer's quality standard.

ICS Cool Energy employ a holistic approach to temperature control equipment service and keep industry running with:

- 24/7/365 technical and breakdown support
- Planned Preventative Maintenance Packages
- Water quality check and treatment
- Oil analysis
- Laboratory analysis
- Plant Life Extensions
- Retro-fitted refrigerants
- Energy Saving Enhancements
- F-Gas Compliant leak tests
- Installation of "stabblings" & pipework (so hire solutions are easily mobilised if needed)
- Glycol checks (%)
- Thermal Imaging (to highlight areas of concern in temperature control equipment)

Some of the benefits of partnering with ICS Cool Energy:

- Reduced labour rates
- Engineer availability 24 hours, 7 days a week
- Discounted spare parts
- Prioritised calls
- Chiller service logbook
- Direct access the ICS Cool Energy technical support desk
- Direct access to a rental fleet of over 500MW temperature control equipment
- Direct access to marketing leading i-Chiller and CAPEX temperature control solutions

Please read on for further information on some of the key services available to keep you and your business running.

24/7/365 TECHNICAL & BREAKDOWN SUPPORT

ICS Cool Energy's team of highly qualified engineers are on call 24/7/365 to ensure you have the back-up you need if your temperature control equipment unfortunately fails.

The manned technical desk will look to resolve your issue remotely for speed, in instances where a fix isn't possible this way, the local Engineer will visit your site quickly to ensure your downtime is minimised.

**PROCESS TEMPERATURE CONTROL SPECIALISTS.
SALES. HIRE. SERVICE.**

With X-WEB, an analytical information-based system, the Service Technical Team can dial into your chiller controller simply by using a web browser. The device allows for a 'black box' style monitoring of a system, whilst also allowing for the remote adjustments of operating parameters.

Owning the largest fleet of hire equipment in the UK means temporary solutions can be provided immediately to keep your operation running.

PLANNED PREVENTATIVE MAINTENANCE PACKAGES

Chiller maintenance and temperature control system maintenance is a cost effective and time-proven way of maximising productivity and limiting costly production downtime when carried out on a planned, regular basis.

Planned preventative maintenance forms an essential part of modern-day business and manufacturing, particularly when considering methods of production that require continuous operation and working in adherence to time-sensitive deadlines.

ICS Cool Energy's planned preventative maintenance packages offer a wide range of features and can be tailored to your requirements are available across standard, advance, bespoke and complete tiers.

To help customers remain compliant, an expert team of F Gas-qualified engineers carry out over 100-point checks with planned preventative maintenance programmes – including leak tests for F-Gas compliance. A record of all maintenance and checks are completed alongside all work and maintenance too.

The Technical Team recommend maintenance checks are completed twice a year to prepare for both cooler and warmer ambient temperatures and ensure your operation is protected.

WATER TREATMENT

Water treatment is essential when the system water quality falls outside of the correct pH parameters.

The water quality affects the longevity, efficiency and reliability of your process equipment. It's essential that your system fluid is checked, maintained and treated regularly to avoid problems such as corrosion, bacteria and system fouling which will ultimately lead to equipment and process system failure, inconvenience and expense.

The first step to good quality water is to implement a water treatment plan. As part of the company's planned preventative maintenance packages, ICS Cool Energy now carry out sampling and independent laboratory analysis as standard. An easy to read report is issued indicating any defects which fall outside of the recommended parameters and a detailed plan is created and can be implemented for you – returning and maintaining the quality of your water to best practice standards.

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Benefits of Water Treatment:

- Prevent system degradation by regular monitoring and treatment
- Increase system efficiency
- Increase the life of your system and equipment
- Reduce maintenance and repair costs
- Protect the quality of your process system

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By checking your water quality at least twice a year as part of a preventative maintenance programme, ICS Cool Energy help ensure your production is safeguarded from system corrosion and ultimately breakdown, which could result in a huge cost to production and your customers.

REMOTE MONITORING SERVICE

ICS Cool Energy's intelligent remote chiller monitoring software acts as your virtual engineer, so you can check your temperature control and cooling equipment from anywhere in the world. It allows you to observe your chiller system's operation and enables off-site access to rectify system faults, helping to avoid costly production down-time.

To help protect our customers production facilities from chiller breakdowns, the Technical/Service Teams monitor chillers remotely on their behalf as part of their planned preventative maintenance programme. This means that they can fix faults on your behalf before you have even realised there is a problem.

The software, which is fast and easy to retrofit, gives remote access for up to four chillers on one account. This means instant control of issues such as temperatures creeping above desired control tolerances that could have an adverse impact on production and product quality.

- Monitor up to 4 chillers per site
- Set up temperature tolerances easily
- Administrate permissions of users
- Complete audit trail of alarms, temperatures and user activity, 24/7
- Energy usage monitoring
- Alarms can be received by email or SMS
- Reporting tailored to your requirements

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Our International Offices: England and Wales: 0800 840 4210 | Ireland: 04692 52934 | Scotland: 01698 7445 40 | France: 01 60 66 80 83
Germany: 0800 0116 0117 | Netherlands: 088 258 2580 | Belgium: 0800 29 110 | Austria: 01236 81 73 | Switzerland: 055 505 66 22

Remote monitoring will give you greater control and traceability. With secure, real-time information on the operation and running conditions of the plant machinery you'll be able to identify energy, cost savings and system inefficiencies before production is affected.

GLYCOL

Glycol is an anti-freeze solution with inhibitors to prevent damage to systems and equipment that can result in production downtime. It's the preferred alternative to using mains water in heating or cooling systems.

ICS Cool Energy offer a specially formulated FlowCool range of glycol-based products incorporate organic inhibitors, are industry recommended and meet the BS5117 standard for use within two-way cooling and heating processes.

The complete range includes industrial grade glycol, suitable for food and beverage applications and bio-degradable glycol. All available for next day delivery.

REPLACEMENT AND SPARE PARTS

ICS Cool Energy stock a wide range of parts and spares on site in the UK, for both their own and other manufacturers units, meaning they can be sent to your site quickly – helping you to keep your operation running.

The Spares Team offer advice on what part you may need, or you can simply get in touch to specify the part you need.

CHILLER ENERGY ANALYSIS / SITE AUDIT

ICS Cool Energy can undertake a Chiller Energy Analysis / Site Audit– including a review of all of your existing temperature control system(s). A detailed overview and full report is produced containing equipment performance, efficiency and recommendations for system improvements including a payback period.

Both large and small enterprises are under pressure to reduce energy consumption and improve the efficiency of plant to meet legislation, protect the environment and minimise running costs.

The Energy Efficiency Directive (EED) dictates that a Building Energy Audit is carried out every four years for large enterprises, along with regular air-conditioning inspections for capacities >12kW to meet the Energy Performance of Buildings Directive (EPBD).

ICS Cool Energy is committed to providing energy efficient solutions to improve and protect their customers' temperature control systems, dedicated to continuous improvement and best practice to deliver systems with the environment and their customers' profitability at the forefront.

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Their technical expertise, energy analysis software and wide portfolio of solutions will help improve the energy efficiency of your systems and your temperature control whilst reducing your costs and minimising your risk of downtime.

Understanding the efficiency and performance of your cooling systems is crucial to reducing your maintenance, operative and energy costs.

Chiller Energy Analysis – benefits:

- Understand the performance and efficiency of your existing systems
- Understand your cooling and heating requirements
- Learn about available technologies to save energy and reduce running costs
- Receive accurate energy savings and payback periods for business cases

INSTALLATION AND COMPLETE PROJECT MANAGEMENT

ICS Cool Energy's in-house design and project management team will work closely with you to ensure that your process cooling, heating or temperature control equipment is tailored to your site footprint, operation and production requirements.

Wherever possible, they will make recommendations to save you energy and budget without compromising the quality of your output.

With the largest fleet of hire equipment in the UK, the Hire Team provide temporary solutions while the Service/Contracts Teams complete your installation.

They understand how important your equipment is to your production and ensure with every installation that it's easily accessible for ongoing maintenance and they can take care of this for you too.

Every project can be completed so you can arrive at site and focus on your production without any hassle.

Contact ICS Cool Energy's Service Team today on 0800 774 7426 to find out more about how they can help keep your business running.