

## HIRE PROCESS HEATING AND HVAC EQUIPMENT



### HEATING, HOT WATER AND DOMESTIC HOT WATER HIRE

Heating capacities 3kW - 2MW single units  
and Multi-Megawatt packages





**ics cool energy**

ICS Cool Energy, part of Ingersoll Rand Inc is an international market leader in temperature control solutions. We provide long and short-term hire solutions as well as equipment sales and servicing.

Our full turnkey solutions, coupled with our technical expertise, provides our customers and partners with complete flexibility, reliability and one point of contact for all their temperature control needs.

We can offer a wide range of heating and hot water generating equipment, on a emergency or pre-planned hire basis.

Our Hire Engineers can visit you quickly to help find a solution to manage most breakdown, remedial and additional duty requirements.

We include full fuel management and monitoring with our boiler hire packages to help your site operations.

Read on to find out more about our heating hire range or call us on **0800 840 4210** to discuss your requirements.





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## TEMPERATURE RENTAL SOLUTIONS BUILT AROUND YOU

### WE ARE HERE TO SUPPORT YOU WHATEVER YOUR REQUIREMENT:



**BREAKDOWN & REMEDIAL WORK**



**MAINTENANCE & PRE-PLANNED WORK**



**SEASONAL REQUIREMENT**



**LONG-TERM HIRE**



**CONTINGENCY PLANNING**

We always strive to recommend the most practical, cost-effective and efficient solution.

We aim to get to our customers on the same day they make an enquiry whenever possible and in the case of an emergency within

**4 HOURS**

**96%**



of our projects are surveyed face-to-face, and on site before anything is delivered. We aim to provide absolute flexibility in terms of the right hire packages to suit individual customer needs. Because every site and every project is different.

Our experienced hire sales engineers are tasked to provide the correct solution – first time, oversee the installation, and manage the project throughout its lifetime on site. One contact and one relationship.





## AN INTERNATIONAL NETWORK

Our services stretch throughout Europe, with a central depot structure currently in the **UK, Ireland, Germany, France, Switzerland, Austria, Poland, Italy, Sweden, Finland, Belgium** and the **Netherlands**.

In addition to this, we have successfully completed in excess of

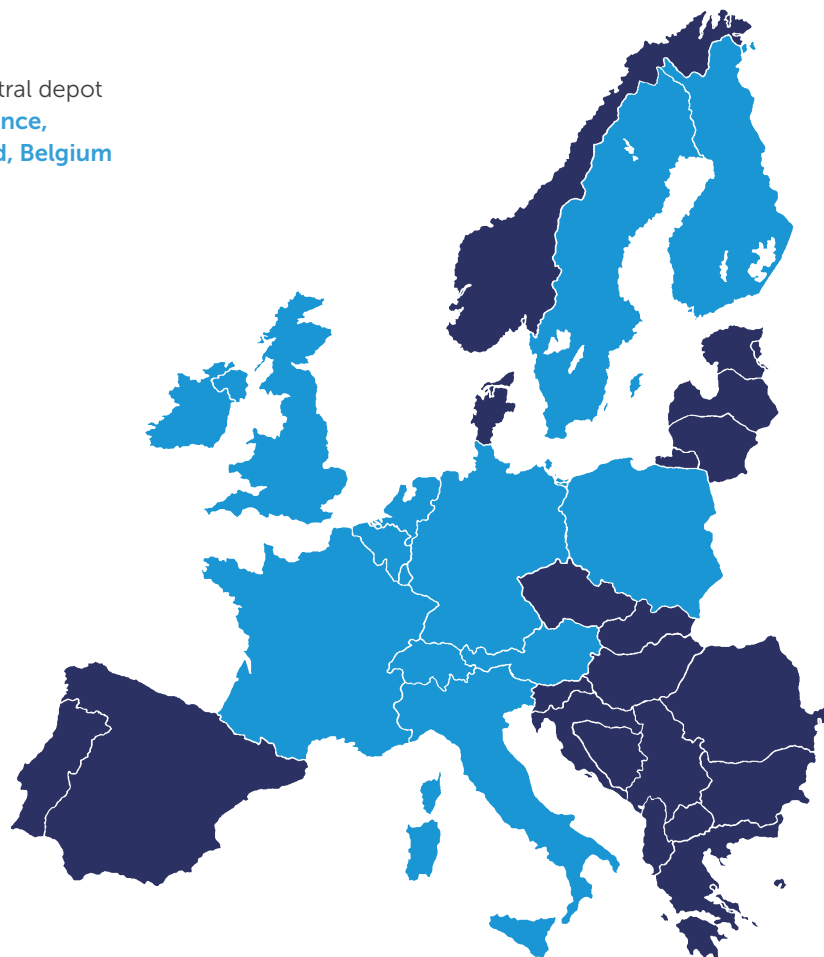
# 10,000

projects outside of these countries.

## INDUSTRY LEADING PRODUCTS

As a dedicated temperature solutions provider, we offer the latest energy efficient range of hire boilers and heaters from 3kW all the way through to 2MW single units.

We strive to provide the very best level of service to our customers and to support this, we are ISO9001, 14001 and 18001 accredited. We are also Gas Safe registered too.



## RELIABLE EQUIPMENT

We completely understand that our kit needs to work first time and fully operate in tandem with our customers' system, process and premises. Our test procedures ensure that all equipment is regularly serviced and upgraded to the best condition it can be and we can provide brand new equipment for long-term hire.



Boiler Plant Room 600



# PROVIDING YOU WITH A FIRST CLASS RENTAL SERVICE



## QUICK CONNECTORS

In emergency breakdowns and outages, you need equipment capable of being connected and powered quickly and safely.



## SIMPLE CONTROLS

All of our heaters and boilers have been designed to offer a fast and straightforward start up. Making them easy to use and simple to operate.



## SMALL FOOTPRINT

When space and weight is an issue, our fleet has the smallest m<sup>2</sup>/kW footprint in Europe.



## 24/7

We provide full maintenance and breakdown cover throughout the duration of your rental contract. Allowing you to budget safely with ICS Cool Energy.



## LOW ENVIRONMENTAL IMPACT

All our hire equipment operates with the latest technology and most fuel-efficient burners/boilers.



## GAS SAFE

Ref no. 584563



## ENERGY EFFICIENT

We source the latest products from accredited suppliers with measured performance and operational guarantees.





## DID YOU KNOW?



### 10,000 RENTAL UNITS

We stock a wide range of heaters and hot water boilers in the fleet for internal or external siting. Our current fleet average age is 1.4 years old.



### 60 POINT CHECK

Every unit in our rental fleet is subjected to a specific number of key tests before being green carded and made ready for hire.



### 3kW

Need a small R & D heater or boiler? No problem, our smallest unit can manage just 3kW of heat/hour.



### 24/7 BACK-UP SERVICE

Fuel management. We can provide a round-the-clock supply service - including a fuel monitoring service and one simple monthly invoice with POD's.



### 100% CONTINGENCY

Some designed projects need absolute contingency (N + 1). We can provide equipment on site, on standby, or reserved in our depot.



### 260 WEEKS

Need to hire for up to 5 years? No problem. We can provide specific equipment to meet long term needs. Available where restricted leases or projects don't make capital investment viable - rent instead.



## ENERGY EFFICIENT BOILER HIRE

### NEED A RELIABLE SOURCE OF HOT WATER FOR A SPECIFIC APPLICATION?

ICS Cool Energy have an extensive range of electrically powered rental boilers, or dual-fuel rental boilers (gas/oil), for larger applications to meet your site specific requirements and help maintain your productivity.

These are all designed for unmanned operation and feature the latest environmentally-friendly fuel saving features, thermostatic control with energy efficient twin and triple stage heating operation.

Built in secure, lockable containers the hire fleet can be easily lifted and moved in to position by forklift or crane.

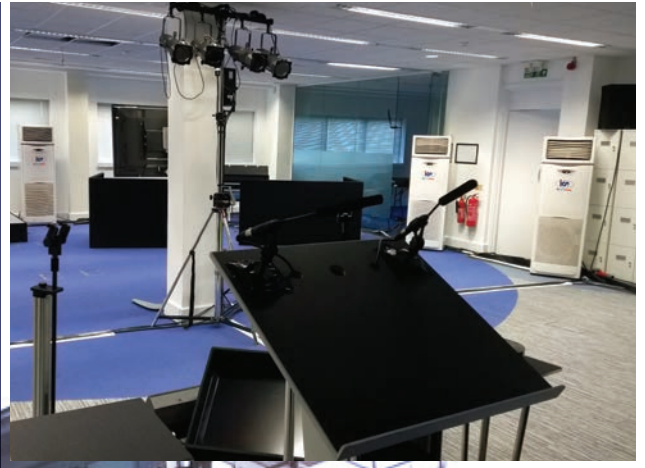
We can also supply Domestic Hot Water (DHW) for buildings and temporary events, where local supplies are under maintenance, refurbishment or not local enough for cost-effective operation.

Suitable for temporary shower, bathing and cleaning. We can also provide different hot water temperatures throughout your site.



## WE CAN ALSO OFFER YOU THE FOLLOWING SERVICES:

- Fully tested and maintained equipment
- 24/7 fully-manned back up throughout your project
- N+1 or equipment on standby should you require 100% contingency
- Fully bonded bulk fuel tanks (PPG2) and a cost effective fuel service
- A fully qualified installation and commissioning team for all projects
- Full site assessment, H&S, maintenance service and documentation
- Basic monitoring training for your site manager and on-call personnel
- All necessary connecting water hoses, pumps, pressurisation vessels and valves
- A wide range of bulk water tanks to help provide large or small buffer water volume
- Delivery, lift and shift, crane use and collection services
- Separate non-ferrous heat exchangers for DHW options
- Rental air handlers and fan coils capable of producing warm low grade heat for rooms and temporary areas







## LARGE OR SMALL PROJECTS

We carefully treat every project with the same focus and management control. So whether you need a straight-forward 150kW emergency boiler for hot water supply or a multi-megawatt district heating hot water ring main – rest assured that we will look after every project with the same dedication.

All rental boilers are housed within steel container and skidded enclosures to provide weather resistant protection, enabling external positioning and increased protection from environmental elements. They have been designed for easy positioning and a fast rental set up with sturdy forklift pockets, large purpose-built swing door for easy unit access and ISO corners for lifting.

We can also help you manage the necessary requirements of the Clean Air Act and provide additional flue and safety zone advice.

## DESIGNED WITH THE CUSTOMER IN MIND

Our rental heating packages are suited to many applications. Whether restoring heat following a heating failure or temporary boiler hire to support site activities during renovations. Planned maintenance and site expansions, to facilitate heat load testing of new buildings or to provide heating and hot water for remote locations and events.

We are able to be flexible in design too, especially where there is a need to change the water feed daily or weekly to suit site needs and client demands.





## TYPICAL BOILER HIRE APPLICATIONS



### INDUSTRIAL & PROCESS

- Hot water to a jacketed vessel
- Temporary help providing hot water to a fermentation process
- Localised hot water supply where steam temperature was unreliable and restricting production
- R&D requirement for a local hot water supply and tank to feed a new process



### BOILER FAILURE OR REFURBISHMENT

Keeping essential hot water and heating services on line to help maintain contract/ landlord commitments.



### AIRPORT

Hot water to heat a HVAC coil on an existing air handler during maintenance.



### BUILDING REFURBISHMENT

Hot water for construction and personnel use on site.



### WAREHOUSE

Heating a storage space to keep the quality of goods within specification.



### DISTRICT HEATING SYSTEMS

Providing additional hot water during peak demand or outages.



### HOSPITALS

Safe keeping a temperature controlled environment.



### SCHOOLS

Hot water to replace a boiler breakdown or gas main leak.



### UNDER-FLOOR HEATING

Providing thermostatically controlled hot water on stepped temperature increases during the curing of screed. Also, testing of system before the fixed system has been installed and commissioned.



### LEISURE CENTRE

Temporarily heating a swimming pool and providing hot water for visitor use.





# TAILORED HEATING TO MEET YOUR REQUIREMENTS

## INDIRECT HEATERS FOR HIRE

We can help you with Indirect Fired Diesel Heater packages (IDF) on a same or next day basis. Indirect heaters offer large volumes of clean, warm and dry air which can be used to provide heating for large spaces such as warehouses, marquees, workshops as well as building site drying and drying buildings out after flooding.

Where you may be unsure of the best product to suit a site or application, our nationwide team of local engineers can visit you or your clients' site to recommend the ideal solution.

Our rental range offers indirect fired diesel heaters in four capacities - 70kW, 150kW and 200kW. The units are ruggedly constructed and are designed for easy positioning with the smaller models fitted with trolleys and compact enough

to fit through doorways, while the larger unit features fork lifting points and crane hooks. At all capacities the units are easy to use and each unit features a thermostat control and protection from overheating.

## HOW DO THEY WORK?

Using red diesel fuel oil as its fuel, the IDF heater provides clean, dry and safe heating air because, the flame is contained in a burn chamber which heats the heat exchanger. The cooler air passes over and around the heat exchanger heating the air and the product of combustion is discharged via a separate chimney. The units feature built in thermostats, ensuring fuel is not wasted by unnecessary running and overheating the area being warmed.

## WE CAN OFFER YOU THE FOLLOWING SERVICES:

- 24/7 fully-manned back up throughout your project
- Fully bunded bulk fuel tanks (PPG2) and a cost effective fuel service
- A fully qualified installation and commissioning team for all projects
- Full site assessment, H&S, maintenance service and documentation
- Basic monitoring training for your site manager and on-call personnel
- Delivery, lift and shift, crane use and collection services





## TYPICAL HEATING HIRE APPLICATIONS

- Heating areas on the premises during boiler maintenance and refurbishment
- Help maintain a storage temperature to keep products within their design quality guidelines
- Keeping areas warm for staff during unseasonal cold spells
- Total site refurbishment of all services
- Heating a temporary building or structure during an event
- Keeping animals and livestock warm throughout the year
- Helping keeping outside broadcast areas warm for production and staff welfare
- Universities & Education – providing temperature control to graduation, exam, classrooms and temporary events. Heating halls of residence.



## CONVECTION HEATERS FOR HIRE

These compact portable convector heaters with integral thermostat, are easy to operate and small enough to conveniently fit in small areas, ideal for offices, retail outlets, workplaces or care homes.

The ICS Cool Energy units have 3 heat settings and have been designed for fast rental installation. The 13 amp single phase supply has an adjustable thermostat to help safely manage the heat in a specific area. In addition to this, the unit is entirely portable and has a carry handle. This allows for easy movement when cleaning around the lightweight unit.







## FAN HEATERS FOR HIRE



ICS Cool Energy's small scale portable fan heater range is available from 3kW – 42kW. These units operate easily from a 3-pin plug providing safe heat, which is ideally suited for warming office areas, shops, marquee structures, industrial workplaces and where there is a need for localised heating, fast.

The smaller scale heater range is lightweight and compact in design, enabling the units to be easily lifted and positioned in offices and work areas, making them ideal for temporary rental installations. All units within this range are free-standing units and offer a consistently high level of air flow - directing warm air to specific areas by utilising air ducts situated in the front of the unit.



## ELECTRIC BOILERS FOR HIRE

The units within the range are compact in design, as well as being extremely flexible and durable - supporting planned and emergency requirements on a long or short term rental basis. ICS Cool Energy's electric boilers offer quick, user-friendly replacement for under floor heating and other temporary hot water applications for boiler failures, events or temporary accommodation.

ICS Cool Energy's HWPE's connect directly to a site's pre-existing heating system, minimising the set-up time and restoring heat easily with minimal disruption. Furthermore, the units are supplied on lightweight trolleys to aid mobility and enable units to be easily and discretely positioned. Depending on the plug and power supply used, the units are capable of operating with a heat output of 3kW, 11kW, 19kW and 36kW and where required, can operate in parallel to provide greater duties.





## TYPICAL PORTABLE BOILER APPLICATIONS



### WORKSPACES

Locally heating cold areas or whole environments during maintenance or boiler failures.



### NEW BUILDINGS/ REFURBISHMENTS

Heat load test of air conditioning and data storage HVAC equipment.



### SCHOOLS, COLLEGES & UNIVERSITIES

Heating classrooms, lecture halls and meeting rooms.



### HOSPITALS & HEALTHCARE

Heating patient, storage and staff areas.



### LEISURE CENTRES

Temporarily heating public spaces and changing areas.



### EVENTS

Heating cold areas of marquees, reception spaces, backstage, temporary events and product launches.



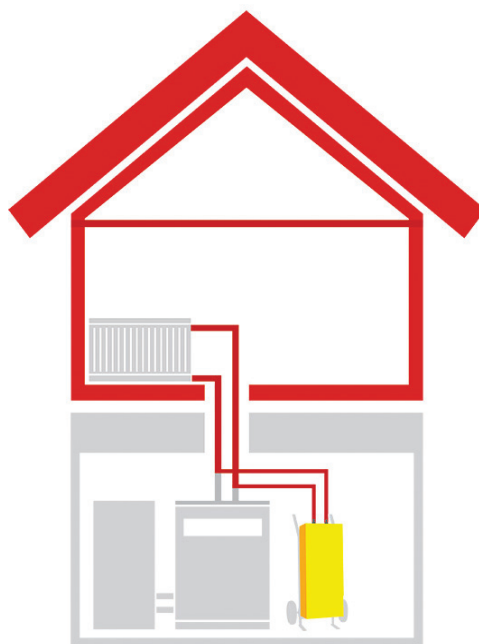
### WAREHOUSING

- Heating goods-in areas and dispatch offices.
- Keeping products and equipment warm during frost/snow conditions.
- Tempering products in a controlled environment.
- R&D requirement for a local hot air supply with variable temperatures and airflow.



### UNDER-FLOOR HEATING

Providing thermostatically controlled hot water on stepped temperature increases during the curing of screed. Also, testing of system before the fixed system has been installed and commissioned.







## 24HR REMOTE FUEL MONITORING AND FUEL SUPPLY

### ICS COOL ENERGY CAN OFFER YOU COMPLETE PEACE OF MIND DURING YOUR RENTAL PROJECT.

We offer fuel level monitoring nationwide throughout the project and fuel supply, which is monitored by us centrally via GPRS (GSM when signal strength is low), to provide real time information and fuel level alarms.

If you want to buy the fuel yourself, we can also monitor and alert you when your tank fuel level is getting low, so you can order the fuel before it runs dry. Reducing the need for engineer visits, extra call-out costs and the hassle with downtime on site.

Where needed, we can manage your fuel for you, reducing the need for more suppliers, more invoices and additional duties by your staff onsite.

We can keep your system topped-up at a very competitive price, and you alerted of any fuel deliveries. Just select which service you would prefer.

### WE MANAGE & REPORT FOR YOU

No additional cables or extra on-site work is needed by your staff or clients.

We can also provide you with a monthly report detailing your fuel use, record of alarms and fuel orders with us, so that you do not have to monitor this aspect of your rental project –  
**We do it for you!**





## i-MONITOR REMOTE MONITORING FOR HIRE EQUIPMENT

### WHAT DO YOU DO WHEN YOUR CHILLER, HVAC OR HEATING SYSTEM FAILS?

We would prefer that we both worked together and planned to prevent this from happening when you hire from us. We know that Hire offers a fast, resilient, long or short-term remedy to breakdowns, shutdowns, seasonal demands and planned outages.

However, delivering hire kit to site does offer a change to site procedures and the running of your applications and processes.

Whatever your business focus or contingency plan, ICS Cool Energy Hire can provide you and your clients with a real time reporting level of monitoring throughout the UK and Europe.

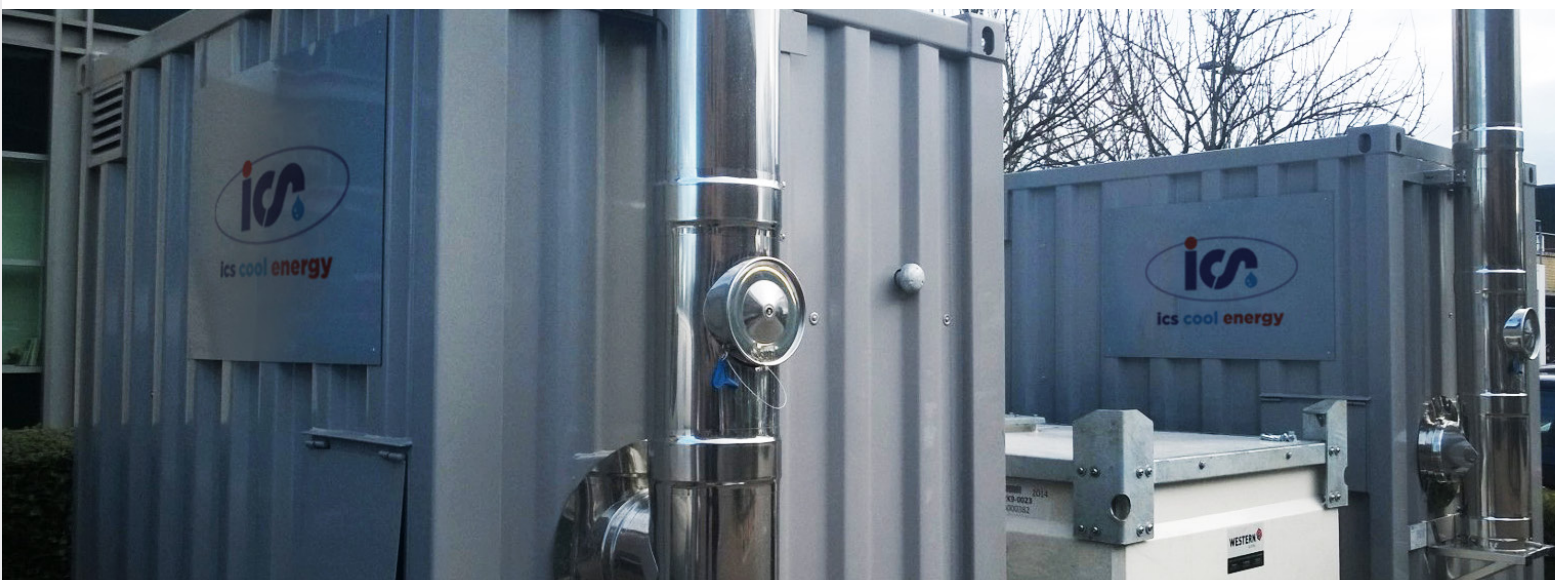
### NEED A HIRE CHILLER, AIR CONDITIONING SYSTEM OR BOILER FAST?

Then we offer a wide selection of the latest energy efficient equipment on a same or next day basis. From simple 1kW chillers helping project R&D trials, close control to MRI scanners, spot cooling a server room, providing hot water to a 14-storey building, all the way through to a multi-megawatt cooling project on a petrochemical refinery. With over 30,000 such hire projects successfully managed, you can rely on our business to support your every need.

### A REMOTE MONITORING PLATFORM - i-MONITOR

ICS Cool Energy can provide remote monitoring packages to specific sites whose focus is the following:

- 24hr site operation
- 100% uptime
- Sensitive temperature controlled applications
- BMS requiring reporting for their tenants
- Food quality production
- Proving R&D trials and new equipment/machinery
- Improving operational efficiencies
- Load testing
- Risk Management and reducing the impact





## ENERGY EFFICIENT HOT WATER STORAGE FOR HIRE



### WHAT CAN YOU DO WHEN YOUR WATER STORAGE TANK FAILS?

ICS Cool Energy have a wide range of hot water buffer vessels and calorifiers for rent, which can be used during replacement and new build projects.

Hot water storage and the efficient capture of heat energy is fundamental to most building operations, so we have developed a range of vessels with a range of capacities and associated pump and pressure management systems to suit.

Peak demand for hot water can vary and the need for a contingency too, therefore we can offer a site survey and recommendations for best practice to ensure that any temporary system can fully manage what is required.

This can also include the distribution of hot water around the building by utilising temporary potable water hoses.

### PORTABLE DHW APPLICATIONS

We can also supply Domestic Hot Water (DHW) for buildings and temporary events, where local supplies are under maintenance, refurbishment or not local enough for cost-effective operation.

Some applications such as hotels, schools and sports centres have no demand or draw off for long periods, and then a large demand for a short period of time. Our hire calorifiers and hot water storage tanks can be sized to manage this peak demand and potential short recovery periods.

On demand hot water and the thermal storage hire can be vented or unvented (with expansion vessel) systems installed to match or improve the incumbent system requirements.

**We simply mirror or re-build what was originally installed.**

This can be stored remotely in a purpose-built container on site, or internally and locally to where the original system was situated. Depending on what is planned and practical for the on-site works.

We can also provide different hot water temperatures in separate circuits by utilising our own hot water boiler fleet.

Furthermore, our engineers can offer a range of pressure & temperature relief valves, expansion relief valves, pressure reducing valves and heat exchangers to suit the application. These can be hired as part of the package.

## WE CAN OFFER YOU THE FOLLOWING SERVICES:

- Fully tested and maintained equipment
- 24/7 fully-manned back up throughout your project
- N+1 or equipment on standby should you require 100% contingency
- A fully qualified installation and commissioning team for all projects
- Full site assessment, H&S, maintenance service and documentation
- Basic monitoring training for your site manager and on-call personnel
- All necessary connecting water hoses, pumps, pressurisation vessels and valves
- Delivery, lift and shift, crane use and collection services
- Separate non-ferrous heat exchangers for DHW options
- A wide range of bulk water tanks to help provide large or small buffer water volume



## TYPICAL CALORIFIER AND HOT WATER STORAGE APPLICATIONS



### CALORIFIER FAILURE OR REPLACEMENT

Keeping essential hot water and heating services on line to help maintain contract/landlord commitments.



### NEW BUILDING

Heat load test of hot water pipework prior to full installation.



### LATE DELIVERIES

Keep your project on target by temporarily renting a system.



### DISTRICT HEATING SYSTEMS

Providing additional hot water during peak demand or outages.



### BUILDING REFURBISHMENT

Temporary hot water for construction and personnel use on site.



### SHORT-TERM LEASES

Why invest in a fully-installed system, when you could only be in the building for a short period of time?



### NO CAPITAL OR BUDGET TO BUY

Simply rent a system until you have gained budget approval.



In 2008, ICS Cool Energy successfully gained approval of our Management Systems to register for ISO9001:2008.

Followed by our Environmental Management standards for ISO14001:2004 in 2011, and Occupational Health & Safety Management standards for BS OHSAS18001:2007 in 2012.

Furthermore, ICS Cool Energy is also certified member of the British Safety Council to maintain and enhance a safety-first environment for our workers and employees.



0800 840 4210







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 **hire@icscoolenergy.com**

**TEMPERATURE CONTROL SPECIALISTS**  
**KEEPING INDUSTRY RUNNING FOR 30 YEARS**  
**#WEMAKEITWORK**

**WWW.ICSCOOLENERGY.COM**