



Distributed power and temperature control
services for world-class events

aggreko

“ Major events have been a key part of Aggreko’s operations for more than 25 years. ”

▼ Opening ceremony of the Glasgow 2014 XX Commonwealth Games



Aggreko – A top performer for world-class events

Aggreko is a world leader in the rental of temporary power generation and temperature control systems and a trusted partner for the event services industry. Major events have been a key part of Aggreko’s operations for more than 25 years.

Our rental services include:

- a comprehensive range of custom-built equipment, including silent generators for events where noise has to be minimised
- power assessment and distribution systems
 - preparation, testing, mobilisation and transportation
 - installation and commissioning
 - operation and maintenance
 - decommissioning and demobilisation

Providing power and temperature control for major events requires careful organisation, outstanding technical skills and a large, reliable equipment fleet that can be tailored to all types of operation. At Aggreko, the success of your event is our top priority.

Customers turn to us for their temporary power and temperature control requirements because they know that the Aggreko team will do whatever it takes to ensure the successful and smooth running of their events.



▲ 2012 Eurovision Song Contest, Baku - Azerbaijan

“ We offer a unique blend of global expertise and local presence that no other event services company can match. ”

▼ Live Earth, Rio de Janeiro



Aggreko – Expert in the art of the temporary

Major events can be challenging and you only have one chance to get them right. With Aggreko, our customers know that their power and temperature control systems will work whenever and wherever they are needed and that our experts will be there to help at every step.

There are three key reasons for choosing Aggreko:

- 1 We help customers to evaluate their needs, then design, engineer and implement the temporary solution that is the best fit for their requirements and budget.
- 2 We understand the events business. Each member of our highly experienced global team has deep knowledge of a particular part of the industry.
- 3 We develop effective combinations of our rental equipment to provide integrated power solutions that meet the unique needs of each event and have a focus on safety, cost efficiency and environmental protection.

Unrivalled industry experience

The Aggreko events team can call on years of experience in high-profile events, including sport, film, television, touring shows, concerts and high-profile corporate, political and social events. In sport, for example, we have provided distributed power and temperature control services for every Olympic Games since 1988.

People you can rely on

At Aggreko, we pride ourselves on having a flexible approach and a can-do attitude. When we are involved, event organisers know they can count on the support of our local team and the expertise from our 211 service centres worldwide. Our ability to anticipate and deal with potential problems means that our customers enjoy the highest standards of service and complete peace of mind.

The right equipment

We design and build all Aggreko rental equipment in-house at our ISO 9001 accredited manufacturing facilities in the UK. We purchase subsidiary plant and accessories from approved and audited suppliers. Our generators, temperature control units and plug-and-play electrical distribution systems have proved their reliability in some of the world's most demanding environments.

Global skills, global standards

We offer a unique blend of global expertise and local presence that no other event services company can match. A significant factor in our success is our determination to implement the same high standards in all our operations. We use the same types of equipment in every country, thereby helping to reduce the uncertainty that customers face when organising events in emerging markets such as Russia, India and Brazil.



▲ Glastonbury Music Festival, United Kingdom

Aggreko gives you the big picture

Behind the glamour of feature films and television programmes there are many demanding technical challenges that must be overcome. During production or live broadcasts leading filmmakers and broadcasters trust Aggreko engineers and equipment to deliver their temporary power requirements on location or in the studio.

From powering special effects and lighting to supplying cooling and heating services, Aggreko plays a leading role in film and television productions around the world.

Pinewood Malaysia studio test and fast turnaround for television series

Following the completion of a successful pre-commissioning load test at Pinewood Studios in Malaysia, an integrated media production studio facility with 9300 m² of film stages and 2,230 m² television studios, Aggreko was asked to support work on Marco Polo: a major 10-part television series.

The brief was to provide a huge power requirement (7.5 MW from five 1.5 MW generators) and approximately 12 km of cable. The task was urgent and needed completing in 14 days. Special arrangements enabled specialist contractors to fulfil the order at Aggreko's manufacturing base in the UK. All the necessary equipment, including approximately 20 tonne of cable, was flown to Malaysia on time and in perfect working order.

Films and television programmes that Aggreko has worked on:

101 Dalmatians	Judge Dredd	Terranova
Alice in Wonderland	King Kong	The Chronicles of Narnia: The Lion, The Witch and the Wardrobe
Anaconda II	Lost in Space	The Dress Maker
Australia	Man - Thing	The Great Gatsby
Bait	Mission Impossible	The Grinch Who Stole Christmas
Band of Brothers	Mission Impossible II	The Harry Potter Series
Bedazzled	Mortal Combat	The Hobbit NZ
Big Brother (Netherlands and Belgium) TV series	MTV Australian Music Awards	The Hours
Big Momma's House	Oceans 13	The Knowing
Celebrity Love Island	Pearl Harbour	The Mummy
Charlotte's Web	Peter Pan	The Mummy Returns
Deep Blue Sea	Power Ranger TV Series	The Pacific
Die Another Day	Primetime Emmy Awards	The World is Not Enough
Eyes Wide Shut	San Andreas	Tomb Raider
Fury Road	Saving Private Ryan	Unbroken
Ghost Rider	Son of the Mask	Where The Wild Things Are
Golden Eye	Spartacus TV series	Wolverine
I'm A Celebrity, Get Me Out Of Here, TV series	Spy Kids	
Ike: Countdown to D Day	Star Wars	
	Stealth	
	Superman Returns	





Make Aggreko part of your team

For high-profile sporting events, it is often television that calls the shots through advertising revenue. Aggreko's power and distribution services help to ensure that sports fans can see their favourite events on television or on location. For more than two decades sports broadcasters have trusted Aggreko to maintain power for their live satellite feeds.

Our temporary power solutions give event organisers peace of mind. As the world's leading turn-key rental power provider, Aggreko offers a huge range of power equipment options and works with customers to design bespoke power solutions that match their needs precisely. This includes the distribution of power from our generators: a challenging engineering task that may involve hundreds of kilometres of cable runs throughout the event.

Major sports events Aggreko has worked on:

<p>2012 London Summer Olympics Power and LV Distribution</p> <p>2010 Vancouver Winter Olympics Power and Temperature Control</p> <p>2008 Beijing Summer Olympics Power and LV Distribution</p> <p>2002 Salt Lake City Winter Olympics Power and LV Distribution</p> <p>2000 Sydney Summer Olympics Power and LV Distribution</p> <p>1996 Atlanta Summer Olympics Power, Distribution and Temperature Control</p> <p>1994 Lillehammer Winter Olympics Power and LV Distribution</p> <p>1992 Barcelona Summer Olympics Power and Temperature Control</p> <p>1992 Albertville Winter Olympics Power and Temperature Control</p> <p>1988 Korea Summer Olympics Live Broadcast Power for NBC</p> <p>FIFA World Cup™ 2014 FIFA World Cup™, Brazil 2010 FIFA World Cup™, South Africa 2006 FIFA World Cup™, Germany 2002 FIFA World Cup™, Japan/Korea</p>	<p>UEFA European Championships 2004 UEFA Euro 2004 Portugal 2008 UEFA Euro 2008 Austria / Switzerland</p> <p>IAAF World Championship Athletics 2003 Paris 2009 Berlin 2011 Daegu 2013 Moscow</p> <p>Commonwealth Games 2006 Melbourne 2014 Glasgow</p> <p>America's National Football Championship game, USA Multiple years</p> <p>The Rugby World Cup 2011 New Zealand</p> <p>Formula 1 Multiple years: Abu Dhabi, Bahrain, Belgium, Singapore, USA</p> <p>Cricket World Cup 2007 West Indies</p> <p>America's Cup 2013 San Francisco</p> <p>Asian Games 2010 Guangzhou</p> <p>Pan American Games 2003, 2011, 2015</p>	<p>Goodwill Games 2002</p> <p>Race to Dubai Multiple years</p> <p>The Melbourne Cup 2007, 2008, 2009</p> <p>Australian Open Tennis 2007, 2008, 2009</p> <p>Brisbane Open Tennis 2009</p> <p>Men's US Open Multiple years</p> <p>PGA of America – Men's PGA Championship Multiple years</p> <p>Ryder Cup Multiple years</p> <p>The Heineken Open 2004, 2005, 2006</p> <p>The Masters</p> <p>The Open Championship</p> <p>Bathurst V8 Supercar Racing, Australia & V8 Supercars, New Zealand 2013, 2014, 2015</p>
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Olympic Games

Providing power and temperature control for the Olympics is a huge and massively complex task. Staff with previous experience of the event lead Aggreko's team of technicians. Since 1988, Aggreko has provided stable and reliable power to all the various venues that have hosted the Olympic Games, thereby supporting the efforts of the organisers and ensuring that the power requirements are met every time.

Skilled engineering is the key to ensuring smooth and reliable transition of power to the various types of equipment used during the Olympic Games. Aggreko plans all the cable and distribution systems months in advance and works with site

organisers to design systems that are unobtrusive and have a high degree of redundancy for uninterrupted televised global coverage of the events for millions of people worldwide.

Aggreko also provides temperature control systems to both the summer and winter Olympic Games to keep the spectators warm in the snow and cool in the sun inside climate-controlled venues.

The Olympic Games – Aggreko's international team

Aggreko has a long record of supporting the Olympics, the world's largest sporting event.

Under its contract to supply temporary power to the London 2012 Olympic and Paralympic Games, Aggreko provided 260 MW of power using 550 generator sets, 1,500 km of cable and 5,500 distribution panels across 39 venues. The event is the biggest deployment of temporary power for a single sporting event ever in the UK.

The Aggreko team included more than 150 engineers and technicians on location at venues in London and across the UK. These highly skilled staff were drawn from Aggreko's 211 service centres located in over 53 countries.

Our flawless performance enabled audiences worldwide to see 10,000 athletes from 204 countries competing for gold.

▼ London 2012 Olympic Games Opening ceremony



The Red Bull Air Race World Championship 2015

Created in 2003, officially the World Championship of air racing since 2005, the Red Bull Air Race is followed by millions of fans worldwide. The fastest motorsport series in the world features 14 of the best race pilots in a pure motor-sport competition that combines speed, precision and skill. Using the fastest, most agile and lightweight racing planes, pilots navigate a low-level aerial track made up of air-filled pylons 25 meters high.

As the Official Power Supplier of the Red Bull Air Race, Aggreko delivered technical and domestic power for the broadcasting

and production compounds in addition to the airport hangar, catering tents and public viewing screens.



2014 FIFA World Cup Brazil™

Aggreko provided the distributed power and temperature control services for the 2014 FIFA World Cup™, which took place at several venues in Brazil. The key challenge was ensuring that the power systems at the new stadia delivered reliable performance throughout the tournament.

Aggreko provided the power required for the broadcasting (television, radio, internet and press media) of all 64 matches of the competition. Our support included 50 MW of power, 2 MW cooling, 150 km of cable, 72 power generators, 1,000 electrical panels and a team of 100 technicians and engineers. Success in Brazil meant that images from all twelve stadiums were transmitted to more than 200 countries and territories worldwide.

American Football Championship Game

The organisers of the National Football League's championship game demand the highest levels of reliability from their power supply. Powering an event of this magnitude requires a massive amount of Aggreko equipment and manpower. In 2015 this consisted of: 21 MW of temporary electric power, 60 heaters, including 740 kW of outdoor heat for the open-air stadium's press seats, a crew of 12 Aggreko technicians for installation and operation plus hundreds of accessories, including panels, transformers and approximately 128 km of cable.

Dakar Rally

Touted as one of the world's most challenging motor sports, the Dakar Rally 2014 was set on a 2700 km all-terrain track reaching remote locations across Argentina, Bolivia and Chile.

For the fifth year, Aggreko provided three 350 kVA generators which were transported to multiple locations over the duration of the 16 day rally. The robust equipment was installed quickly and safely to ensure a reliable power supply to the event.

Glasgow 2014 XX Commonwealth Games

The Commonwealth Games is an international, multi-sport event involving more than 70 teams of athletes. The 2014 Games in Glasgow was the largest multi-sport event ever held in Scotland, with around 4,950 athletes competing in 18 different sports.

Aggreko provided temporary power across the Games' 13 sports venues and the Athletes Village. This was supplied through 103 individual generator sets connected by a network of more than 1,000 distribution boards and 200 km of cabling. The system, which was supported 24/7 by a dedicated team of engineers and technicians, formed an integral part of the Commonwealth Games sustainability planning by using existing venues and providing all additional power requirements through temporary infrastructure.

Dubai Rugby Sevens, UAE

For 15 consecutive years, Aggreko has supplied the power package for the annual IRB Sevens World Series held in the UAE. Our equipment powers lighting, the giant video screen, video and audio centres, catering facilities and the evening rock concert.

Ryder Cup 2014, UK

Providing the distributed power and temperature control services for the Ryder Cup requires detailed planning and coordination during design, engineering and implementation. With over 100 km of distribution cabling and hundreds of distribution panels scattered across the PGA Centenary Course at Gleneagles Hotel, Auchterarder, UK, Aggreko technicians worked hard to ensure that the power was reliable and unobtrusive. Our solution included 17 MW of power and back up plus 600 distribution boards.

The performance of our super-silent TwinPack generators was key to the successful delivery of this iconic event. This is the fifth time we have provided power and air conditioning for the European leg of the Ryder Cup.

More world-class performances from Aggreko

The entertainment industry is a diverse and demanding sector where power and temperature control systems have to combine excellent reliability with the flexibility to operate in unusual or demanding locations. Aggreko focuses on providing the entertainment industry with uninterrupted power and cooling packages to ensure that the show goes on.

Major concerts and tour events are all about delivering outstanding performances. A key aspect of this is the effective planning and technical expertise that is needed to ensure a reliable temporary power supply. Aggreko helps event organisers by developing tailor-made technical solutions and building temporary infrastructure in the weeks or months before an event. Having access to a dependable temporary power supply enables hundreds of customers, from small traders to large broadcasters, to focus on their core business.



Glastonbury Music Festival, UK

An Aggreko team of 40 technicians provided continuous power at the Glastonbury music festival in the UK to ensure that the iconic rock festival was a success for more than 170,000 music lovers. Aggreko provided power for everything from lighting and sound equipment to medical facilities and broadcast centres. The scale of the challenge required Aggreko to begin setting up infrastructure more than a month beforehand.

Ice rinks

Ice rinks are a significant part of Aggreko's worldwide business. Our success in supporting a Disney ice tour in Australia and New Zealand led to further opportunities in Asia. In 2015, we are providing the necessary temperature control services for a tour of 12 additional ice rinks. The tour typically consists of 6–12 days at each venue and requires effective collaboration with the venue owners and operators and close attention to detail.

Rock in Rio

Aggreko was the official supplier of power and cooling solutions to the Rock in Rio 2011 and 2013.

Rock in Rio is the world's biggest music and entertainment festival. Over almost 30 years, it has gained great prominence in the world's music scene, with previous editions held in Brazil, Portugal and Spain attracting a total of nearly 6,511,300 viewers. During the 2013 event Aggreko provided more than 12 MW of temporary power and cooling services to ensure that Rock in Rio ran without interruption.

The equipment that Aggreko provided for the event included: 54 power generators from 60 to 500 kVA, 47 power distribution panels and 20,000 metres of cables.

The power to add value

At large music festivals, the lights come on and the power demand increases at night. In the past, Aggreko might have supplied two large generators that could meet the peak energy demand and left them running from morning until night.

Now, we offer organisers a much more flexible and cost-effective solution with our Load on Demand approach. This involves running several linked small generators that operate together and can step up power to meet rising demand without interruption. This stepped approach can deliver significant fuel cost savings and an associated reduction in environmental impact for the generation system.

Cirque du Soleil®

Aggreko has a global four-year agreement to provide power and temperature control services to Cirque du Soleil, the Quebec based organisation that is the largest theatrical producer in the world. Cirque du Soleil has delighted more than 100 million spectators in more than 300 cities in over 40 countries in six continents with their spectacular shows. Aggreko manages the power and TC requirements to keep the show going, so that artists can perform during summers in Rio de Janeiro or winters in Moscow.

The main challenge for Aggreko in supporting Cirque du Soleil tours is the constant change of climate while touring a show. In the past years Aggreko worked closely with Cirque du Soleil to develop a unique solution that would meet the demanding and varying needs of the various shows using a series of generators in addition to a bespoke central temperature control system. The system is set-up to be operated via a specially designed control program that facilitates the delivery of varying temperature options ensuring the individual needs of each mobile village structure are met. With the design of this system Aggreko has also created an energy efficient way to use temperature control on touring shows.



Aggreko makes a big day better

A special day can be something as personal as a wedding or as public as a fashion show, a political rally or even the celebration of a national day. Whatever the scale or circumstances of your event, you can rely on Aggreko to deliver what you need.

Aggreko offers vital planning experience and technical and logistical expertise for all kinds of high-profile corporate, political or social events. Once the planning phase is complete, we deliver equipment and manage operations to supply the event with uninterrupted, quality power. Our specialist operating and servicing technicians and engineers play a crucial role, monitoring the power supply and helping to ensure that all goes smoothly during the event.

Sydney Harbour Bridge celebrations

A big celebration has big energy needs and when the organisers of the "Our Bridge" celebration in Sydney, Australia, needed to light up the highest steel-arch bridge in the world, they knew who to call. Aggreko provided power for the lights draped along the iconic landmark's 1.2 km length. Aggreko technicians were constantly on-site during the big day to ensure the smooth running of operations and to join in the festivities, which lasted into the night.

UAE National Day, Abu Dhabi

Providing enough power to light up a city waterfront is all in a day's work for Aggreko technicians. Aggreko provided power and fuel management services for the UAE National Day celebration, which included a concert, a laser show and a fireworks performance. More than 10,000 spectators attended the event, and thousands more lined the beaches along the Abu Dhabi Corniche to enjoy the spectacle and join in songs from their favourite performers. Aggreko technicians rapidly mobilised to site to install and commission the power supply and distribution system used to televise the show live across the Gulf.



US Presidential Inauguration – 2005, 2009, 2013

C3 Presents, an independent event production company, asked Aggreko to support an event it was organising for nearly 700,000 attendees at the 54th US Presidential Inauguration. The project required a temporary solution that could provide power and heat for press tents, video and audio equipment along the parade route, security screening at the Pentagon National Mall, and the VIP area at Lafayette Park.

Aggreko had only 11 days to complete the installation work. This included time in venues that were working government facilities where access was only allowed once employees had left the premises.

Twenty-five experienced technicians from across North America were booked to support the event. Aggreko installed approximately 48 km of cable, 10.2 MW of quiet power, and 4,800 kW of heat to power and heat various venues hosting the attendees.



Aggreko equipment – Taking the best and making it better

Aggreko's success is built on reliability and quality of service. A key ingredient is our determination to make Aggreko equipment the best on the market and to ensure that our customers benefit from our continuous development and innovation programmes.

Temporary power

Canopy power

Aggreko generators operate almost silently, which makes them ideal for use in residential areas and event environments. Their exhaust emissions comply with stringent European TA Luft and Californian Air Resources Board legislation, among the toughest in the world.

Aggreko can provide canopy generators in sizes ranging from 30 to 350 kVA. Special synchronisation, load-sharing and distribution panel options make them versatile in application and ideal for distributed power options. Aggreko canopy power offers extended service intervals with enlarged fuel tanks and voltage and frequency stability.

Container power

Aggreko's 500, 800, 1000, and 1250 kVA generators are housed in 20 ft. ISO containers and have synchronisation and load-sharing facilities to provide almost limitless power capacity for multi-megawatt power packages.

Distribution

Aggreko electrical distribution boards can be tailored to suit specific applications. With single and three-phase outlets ranging from 16 to 2500 A, Aggreko distribution boards include automatic and manual changeover panels and can be used on both 50 and 60 Hz applications. All panels are housed in IP-rated weatherproof enclosures and are designed to be portable.

Cabling

Aggreko provides cable for distribution systems in standard lengths from 10 to 100 m, and as single or multicore. Our cables can be fitted with a wide range of standard industrial connectors and all have sheathing that is highly resistant to abrasion, fuel, oil and water. Aggreko can provide a full range of uninterrupted power supply packages by synchronising and load sharing two or more standard container units, from 100 to 1250 kVA, thereby providing virtually limitless uninterruptible power.

Temperature control

Chillers

Aggreko water and air-cooled chillers are available in sizes ranging from 160 to 600 kW. Used in conjunction with Aggreko air handlers and ancillaries, these units can provide cooling for any major application.

Air handlers

Ranging in size from 100 to 500 kW, Aggreko air handlers distribute cooled air into a structure. These units are ideal for applications ranging from special effects in a film studio to chilling ice rinks or cooling and dehumidifying large temporary structures.

Internal air distribution

Our internal air distribution ducting system distributes warm or cold air throughout a structure. Each system is designed to match the parameters of the structure and its heating, ventilating and air conditioning system. We can supply air distribution ducting in a range of sizes and colours so that it blends into the internal decor at an event.

Air conditioners

Portable air conditioners enable you to control temperature differences and fluctuating air flows of virtually any size. These units, which are available with cooling capacities of 5 to 150 kW, can be run in reverse cycle as heaters.



Avoiding problems and facilitating repairs

Aggreko is committed to innovation and to delivering the best possible service to customers. For example, we are fitting GPS technology to our generators to enable remote monitoring and telemetry to increase our ability to maintain constant power.

Using this technology, we can monitor the health of each generator from a

central location. The system detects if the generator is running hot or if the voltage is fluctuating, so that our technicians can deal with the issue before it becomes a problem. In the unlikely event of generator failure, the system provides a code for the failure so the technician despatched to fix the problem knows beforehand what went wrong and can bring the generator back on line in the shortest possible time.



Customer testimonial

“ Aggreko has a great track record of supporting major events worldwide, and who better to join the Glasgow 2014 sponsor family as our official temporary power supporter than such a highly regarded global power company with its headquarters in the Glasgow area. ”

David Grevemberg
Glasgow 2014 XX Commonwealth Games Chief Executive

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