

DATA CENTRES

Upgrades and refurbishments



Maintaining uptime when you upgrade

Many older data centres are upgrading their existing facilities as a cost-effective route to gaining greater reliability, efficiency and extending their life.

IT load can't be put at risk, so downtime is not an option. Replacing electrical and mechanical systems in a live environment, without affecting availability, requires careful planning.

Add capacity, not complication

For data centres looking to expand, our modular design enables operators to quickly increase or reduce their power or temperature control needs, depending on changing requirements. So capacity can be added or reduced to meet actual demand, as opposed to total upfront deployment.

Aggreko boasts exceptional project management capabilities and has completed many complex upgrades on time and on budget. We ensure a seamless migration off-line with no interruptions in supply over the upgrade period.

Upgrades also require careful testing of any system that has been changed, added or replaced. Aggreko are equipped to carry out the full range of testing levels; from L1 factory acceptance tests right through to L5 where the fully integrated system is tested at full load.

Tailored solutions

Refurbishing a data centre is the ideal opportunity to capitalise on the latest innovations, such as stored energy or battery technology.

We are always happy to advise on the most advanced systems and thinking to reduce costs, cut emissions and increase productivity.

Always-on support

Our expertise, systems and technologies are delivered to the same high standards, the world over. So no matter where you are in the world, you can be confident that we will deliver critical solutions safely and on time.





Diesel and gas generators

- Gas generator range from 365kVA to 1375kVA
- Diesel generators range from 30kVA to 2100kVA
- Scalable, flexible modular design
- Save on space with 20ft ISO containers



UPS

- Temporary UPS system up to 3MVA
- Full redundancy possible
- Incorporates technology for remote monitoring
- Compact footprint, exceptional efficiency



Cooling

- Industrial chillers ranging from 50kW to 1500kW
- Cooling towers – quick installation for single unit applications, combined modular units for multi-megawatt projects
- Air conditioners – available in sizes 50kW to 200kW
- Air handlers ranging from 50kW to 500kW



**Assessing
your needs**



Design



**Installing
and testing**



**24/7 remote
monitoring**



**Servicing
and operation**



Fuel services



**Contingency
planning**



Extra Innovation

By constantly innovating, we reduce cost burdens by adapting loads to suit demand and by integrating battery storage solutions to maintain power quality and reduce emissions.

Extra Reassurance

Our commitment to measuring, managing and reducing greenhouse gas emissions is unsurpassed, which is why we're the world's first rental company to achieve Carbon Trust Standard certification.

Extra Expertise

Our clients receive industry-leading design and technological expertise, supported by skilled electrical and mechanical engineers.

Extra Flexibility

By offering a choice of fuel, equipment and processes, we provide flexibility all along the supply chain.

Extra comes as standard

For more information



aggreko.com