

IT Power Conservation



Meeting the need for more power. Achieving greater efficiency.

The ever-growing demands of your business and your data centre means you need more equipment, more power to keep it all running. And that means extra costs. So how can you get the extra power you need, and at the same time minimise waste and keep costs under control? Plus there are other issues as your power requirement grow:

- Are you thinking of consolidating your IT systems to achieve more integrated operations? Then bear in mind that more advanced machines need greater cooling systems, using considerably more power than smaller servers.
- Is waste an issue and are you keen to improve the internal management of excess power use?
- Is your company is operating in line with Government legislation?
- Purchasing new technologies without thought for conservation, specifically power conservation, will lead to investments which may not be 'energy efficient green purchases' or Energy star rated. Wasteful equipment is expensive to run and the costs mount up.
- Unless your business starts to measure, record and manage data that sets out your requirements for consolidation, energy and power saving equipment, you will end up buying more equipment on an unplanned, ad-hoc basis. Systems that are not efficient, integrated, or best for your needs, lead to increased spend. And they waste energy and your resources.
- Non-management of power waste leads to inefficiencies, poor conservation of power and high energy costs.
- Company owners who do not comply with the legal standards and regulations relevant to their industry may face fines, or in serious cases, imprisonment. At a time when there is so much publicity surrounding conservation, your reputation would be severely damaged.

Impact of failure to act

Rising energy costs and reducing carbon emissions are two of the biggest issues we face today. And they're not going to go away. It's vital to change the way your energy needs are managed now – because these issues are certain to create even greater challenges in the future. Higher fuel costs, more legislation, more onus on businesses to implement 'green' practices, more advanced IT equipment – there's no getting away from the need to plan and act with energy efficiency in mind.

Business Requirements

It's time to take stock and take control of your energy use, by addressing these three areas:

- Look at ways you could reduce power costs if you are considering consolidation. How could you improve the efficiency, management and resilience of your organisation's power requirements? .
- Become aware of energy efficiencies in your current products, and any new equipment you are considering buying. What are the areas for improvement?
- Improve your company's 'green credentials'.

Of course, tackling these decisions involves a level of specialist know-how you may not have in-house. Fortunately, you don't have to do it yourself.

Northgate IT Power Conservation Solution

Enter Northgate, with the comprehensive start to finish programme for change. Consulting, designing, advising, implementing, aftercare – a single service provider can take care it all.

- The Northgate experienced team can help measure, record and manage data which will pinpoint your requirements for energy and power saving equipment.
- We will provide the analysis, consultancy, the equipment and the implementation to improve the supply of power to your business and around your business in the most cost-effective and efficient manner.
- We aim to reduce your power consumption by consolidating data, where possible, onto fewer systems and higher capacity drives. This will aid in your drive towards managing power waste within your company.

- As an independent service provider, we choose and work with best of breed partners. This ensures that our IT power conservation solutions meet your business and legal standards and regulations.
- Our end to end service will provide full technical backup including pre-sales, installation and support.

Benefits of the Northgate IT Power Conservation Solution

More power at less cost – it's do-able! With Northgate, you can streamline your data management systems, make real savings and boost your green credentials...all at once.

IT power conservation:

- introduces new efficiencies to your business by lowering power/electricity costs.
- improves energy-efficient performance.
- provides flexible, secure systems that meet business requirements.
- assures control over the internal management of power waste.
- sees to it that all your power saving equipment meets government standards .

Testimonial

"We didn't realise how much our wasteful, inefficient systems were costing us until Northgate came in. They pointed out some very expensive inefficiencies in both our purchasing decisions and our data management and came up with solutions that are not only very cost effective, but work much better. Now it's easy to monitor our power use in-house. And we're making real savings in costs. Proof that, even as our data needs grow, less costly can be more effective".



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