



Active Energy services reduce
your energy bills by up to **25%**





Most energy management solutions will only tell you where you are using too much energy. The Active Energy service is different as it takes control of your buildings and pro-actively manages energy used. The solution takes energy management to the next level and delivers real savings month after month. Cylon is already reducing energy bills for some of the world's leading companies. Isn't it time you talked to Cylon about what Active Energy can do for your business.

»» Pro-active Building Energy Management

Active Energy leverages the power of Internet technology to remotely reduce buildings energy consumption. This unique service from Cylon not only pinpoints energy wastage it also does something about it. The service works as a virtual building manager for all your buildings. It constantly monitors your building energy usage to eliminate excess energy consumption. Cylon uses profiles of similar buildings to benchmark performance and ensure all key areas of energy efficiency are addressed. The service remotely connects to your buildings and takes control of key performance criteria such as plant schedules, setpoints and fault alarms.

»» Energy Operations Centre

Cylon runs its state of the art Energy Operations Centre (EOC) at the 1,700m² facility in Clonshaugh, Dublin. All clients' buildings are remotely connected using IP technology and accessible in real time. The benefit of using the EOC is that your buildings are managed by experts that would not otherwise be available on site. The EOC team records all phone calls and alarms reported within the Cylon call logging system. If an alarm is received from a site, the alarm will be processed and the respective contractor will be advised of the rectification works required. The technical help desk team are trained to provide additional services such as phone support to site staff on the operation of building management and technical support for contractors.



we don't just tell you what energy you are using we **actively manage** it for you



Active Energy Savings

Lighting Management ✓

Cooling Optimisation ✓

Heating Optimisation ✓

Reduced Maintenance Costs ✓

Automatic CO₂ Reporting ✓

Fault Management ✓

Centralised Time Clocks ✓

»» Maintenance Savings

The Active Energy service also delivers dramatic reductions in maintenance costs. The interval of equipment replacement is normally time based but with Active Energy in place it can be based on usage. So lamps are replaced based on hours run and filters replaced only when needed. Call-outs of maintenance personnel to site are very expensive. With remote building management you can eliminate nuisance call-outs and reduce the need for emergency call-outs. The Active Energy team can manage fault related issues on your behalf and reduce the cost of these call-outs in half through streamlined processing and invaluable building information.

»» Active Energy Management

Through close control and monitoring of building services such as lighting, heating, ventilation and air conditioning the Building Energy Management Systems (BEMS), maintains optimum environmental conditions without unnecessary use of energy. The service involves active building management by trained personnel at Cylon. We take energy monitoring and site audit information and manage energy through:

- ▶ Time schedules monitoring and synchronisation at regular intervals
- ▶ Ensuring no system overrides or abuse
- ▶ Accurate temperature setpoint management
- ▶ Effective alarm handling
- ▶ Efficient lighting and HVAC control strategies.

CYLON
the smart energy partner
for your business





Smart Energy Partner

As one of the leading manufacturers of Building Energy Management Systems Cylon has the expertise to reduce the energy costs of your buildings. Our track record in building control innovation over more than 20 years means we can bring unique solutions to deliver significant energy savings.

The Active Energy team will ensure you have the latest in proven control technology deployed on site. We can advise on how to get the most from new advances in web and wireless technology and we take a partnership approach to the long term success of your energy management plans.

Our account manager works in partnership with your operations team to ensure you achieve targeted savings. These additional Active Energy services include:

- Clear advice on any operational or equipment changes that are needed to achieve goals
- Monitoring benefits of changes to calculate actual return on investment from energy projects
- Review of performance reports and any deviations from normal patterns of use
- Keeping track of implementation progress and circulate regular updates against an energy saving register
- Recommendations for change and seeking continuous improvement.

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