

Installations of retrofit technologies can allow cinemas to benefit from savings on energy and maintenance bills while maintaining a good customer experience.



HOW WE WORK WITH CINEMAS

- **Works undertaken out-of-hours**
Installations offered outside of opening hours with no disruption to business.
- **Turn-key packages to minimise hassle**
Tailored support offered, depending on the needs of the organisation.
- **Health and safety requirements assessed at every site**
Sites assessed according to individual regulations; no 'one-size-fits-all' approach.
- **Short payback periods prioritised**
Cinemas can expect an ROI of between 2–3 years.
- **Ability to manage large-scale projects**
Wide-ranging experience working with multi-site cinema chains.

SERVICES FOR CINEMAS

Our 'full circle' approach to energy saving takes clients from initial consultation through to the implementation of energy-efficient technologies and on-going services.

ENERGY-SAVING TECHNOLOGIES:

Building controls

Improve customer comfort levels by controlling temperature, lighting and air quality.

Typical savings: 40%

Voltage optimisation plus regulation

Reduce the amount of energy used, without impairing the function of electrical equipment.

Typical savings: 20%

Lighting and controls

Reduce energy consumption from lighting using measures such as occupancy sensors, scheduled switch-offs and low-energy LED lighting.

Typical savings: 75%

Variable speed drives

Modify AC Induction motors with intelligent controls to prevent them needlessly running at full capacity.

Typical savings: 50%

ON-GOING SERVICES:

Remote energy management

Specialist advice and support 364 days a year.

Monitoring and targeting

Unlock instant energy savings through accurate monitoring of raw data.

Turn-key installation service

Bespoke services for commissioning, installation and on-going maintenance.

Service, maintenance & bureau

Expertly-managed maintenance programmes to eliminate costs from ad-hoc call-outs.

Energy audits

Reduce energy waste, find hidden energy drains and obtain a starting point for greater energy efficiency.

BG Energy Solutions offers hassle-free installations of energy-efficient equipment to fit around your schedule, allowing you to maintain customer comfort without disruption to service or showings

Improving energy efficiency across multiple cinema sites can be difficult to manage without impairing day-to-day business. Long opening hours make it hard to organise large installation projects, and it can be tricky to balance customer comfort with the installation of energy-efficient upgrades.

Add to this the pressures of complying with environmental legislation, as well as the burden of monitoring energy across a large number of sites, and achieving true energy efficiency can begin to seem like an impossible task.

BG Energy Solutions has a wealth of experience in the leisure industry, specialising in large, multi-site projects. We've worked with cinema giants like Vue, Odeon and Empire. We can organise turnkey installations of energy-efficient equipment outside of normal opening hours with no disruption to day-to-day business. No customer complaints means no requests for refunds and a strong brand image maintained overall.

The technologies offered by BG Energy Solutions focus on reducing the amount of power used by heating and lighting systems without impairing function. A comfortable, temperate environment is maintained at a lower cost, with less energy used.

As well as energy-efficient upgrades, our maintenance bureau services can eliminate the need for costly ad-hoc engineer call-outs, with round-the-clock remote energy management. Our highly-trained engineers can monitor and modify heating and lighting systems to reflect film schedules and ensure occupant comfort levels remain high while energy savings are made.

VUE CINEMAS CUTS ENERGY USE AT OVER 70 SITES

Vue Cinemas faced the challenge of reducing energy consumption across 70 separate sites while keeping customer comfort at optimum levels. BG Energy Solutions was able to help the multiplex operator achieve energy savings in excess of 20% while avoiding disruption to service.

The work included installations of voltage optimisers on the incoming mains and variable-speed drives on all air-handling units (over 1200 in total). All installations of equipment took place outside of normal opening hours with no impact on day-to-day business.

Individual site operations were also taken into account during installations, as Vue utilises over 10 different control systems across 70 sites. As well as the energy-efficient upgrades, a comprehensive maintenance bureau service from BG Energy Solutions also helps Vue to avoid the costs of ad-hoc maintenance. Vue is now on track for ROI within 2-3 years.

OUR CINEMA CLIENTS:

CINEMAS CAPABILITY