

Project Profile

A turnkey site energy centre project



BAE SYSTEMS

INSPIRED WORK

BAE Systems is the UK's biggest manufacturer and the world's second largest defence company. BAE Systems Land operates across nine UK sites and its Radway Green, near Crewe, site manufactures small arms ammunition, producing up to one million rounds per day.

"I was pleased to have worked with the adi Group over the last few years. They are a very reliable supplier, trustworthy and provide a first class service. It's refreshing to do business with suppliers like this. It's also excellent news that the relationship is continuing to develop across BAE Systems and to see our businesses working together to reduce costs, whilst maintaining safety, quality and sustainability performance."

David Huxley, Procurement Manager, BAE Systems Munitions

adi Projects provides:

- Project scope development and optimisation, program planning, cost control and budget management
- Process and engineering development, including engineering design and specifications
- Health and safety management, both before and during project delivery

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The Opportunity

Since 2008, adi Projects has developed a strong partnership with the Site Engineering team at Radway Green and initially carried out a number of small mechanical and electrical maintenance projects.

Building on this relationship, adi Projects was then awarded a significant contract to provide a turnkey solution for the site's revised heating and hot water needs.

The remit included replacing the site's existing coal fired system, which had become progressively inefficient through both age and the site's reduced footprint.

The Solution

Starting from a 'blank sheet' and working directly with the site's engineering team, adi Projects defined the site's energy requirements and through an open book engineered solution process, delivered a turnkey 7MW high pressure hot water and heating system.

Utilising a single point of contact approach, adi Projects brought together a multi-skilled team from within adi's Group of Companies. Maximising the capabilities of our 450 strong workforce, we self-delivered all the electrical design and installation, mechanical design, manufacture and installation, along with the control system software, including panel design and build.

The Benefits

- A trusted partnership approach to deliver a value added engineered solution.
- A single point of contact for a multi-disciplined project, reducing the customer's project management and supplier interface costs.
- A solution that saved over 40% of the site's annual energy usage, paying back the project's value in just over one year.
- An on-time, under-budget, value engineered project, that has led to adi Group being a trusted engineering partner of choice.
- Our open dialogue and rigorous review process, allowed the adi Group to refund over £100k, (over 8%) of the project's £1.2m budget. This type of value added refund had been unheard of within the BAE Systems business previously.
- The adi Group now delivers engineered projects across five of BAE Systems UK manufacturing sites, providing services from six of their businesses.