



ESOS compliance for Galliford Try

BSSEC were commissioned by Galliford Try to assist with ESOS compliance

Client Requirements

Galliford Try is a FTSE 250 business and one of the UK's leading housebuilding, regeneration and housebuilding groups, employing approximately 5,700 people with revenues of £2.7 billion.

BSSEC were commissioned to assist the Carbon Trust with ESOS compliant site audits and reports for Galliford Try.

Three sites were selected to represent different stages of development; early stage, sites in the middle phases of development and also mature sites moving towards the end of development. Together they provided an accurate cross section of how energy is consumed across the main activities of the entire organisation.

energy efficiency consultants

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Methodology

The sites audited represented a range of developments. Areas the sites audits covered included site accommodation, site compound, site mobile plant, building motorised plant, building services, sales centre, show home, and development plots.

The stages of the ESOS audit process included pre-audit data review and energy analysis, site visit (including tour of the site and building facilities, interviewing key site personnel and establishing key points of energy flow) and preparation of final energy audit report including energy saving recommendations for each site audited.

An energy management assessment was also undertaken as a result of the site visits. An energy management assessment matrix was completed based on site observation and discussions.

Outcomes

The energy saving opportunities recommended for each site have been extrapolated to respectively similar sites, using a percentage saving approach. The identified energy saving opportunities were set into site level (maintenance in nature) and group level operational change opportunities (organisational in nature).

Site Level:

- Add time control to immersion heaters
- Add PIR control to cabin convector heating
- Install LED external and internal (cabins/offices) lighting
- Efficient use of site mobile plant (e.g. telehandler)
- Review space heating control for sales centre and show homes

Group level (organisational):

- Develop and implement site specific energy efficiency plan
- Improve site level energy metering, monitoring and targeting
- Introduce Energy Efficiency into Tender Stage Equipment Specification
- Install effective drying room solution
- Review plot drying out process (Dehumidifiers)

“At Galliford Try we acknowledge that protection of the environment and climate change are amongst the greatest challenges we face, both as a society and a business. We recognise that we have a key part to play through minimising the environmental impact and carbon footprint of our operations, and ensuring the long-term sustainability of the products and services we provide.”

Galliford Try – Environment & Climate Change