



# Energy and Water Management

**GENEX** has an established specialist group of engineers providing a wide range of services in connection with Energy and Water Management. Through this team of dedicated, passionate and highly motivated engineers we have the ability to provide a comprehensive service in the following fields:

## Energy Bureau Services

These traditional energy management services are key to delivering and managing any utility supply. They provide early identification of excess fuel consumption and allow a structured energy policy to be compiled and targeted. The quality of the data provided is directly related to the quality of an energy management plan. GENEX recognise this and therefore utilise STARK essentials monitoring and targeting software to generate bespoke client reports, thereby allowing exceptional quality and low cost in the delivery of the following key aspects:

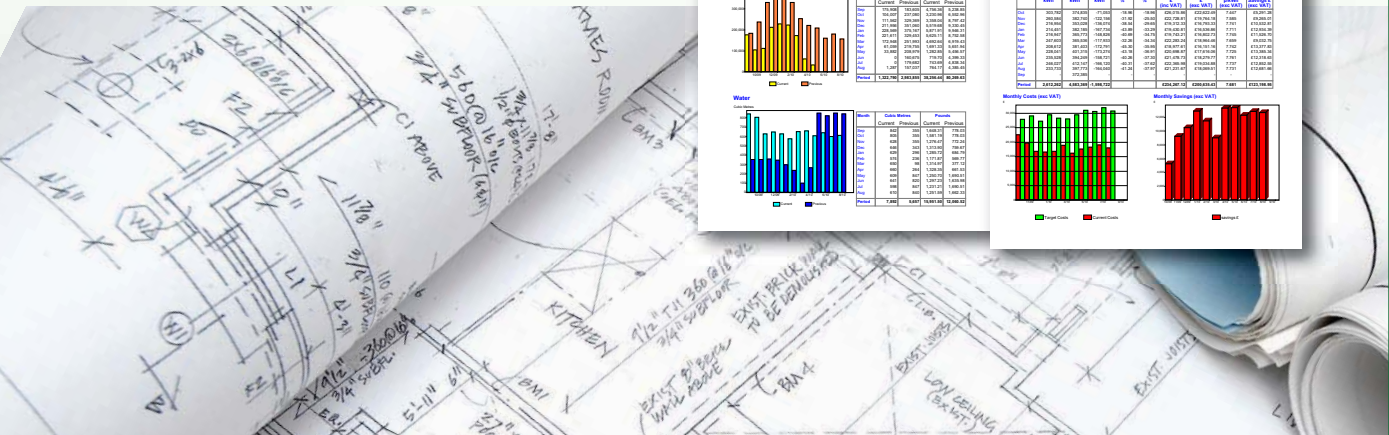
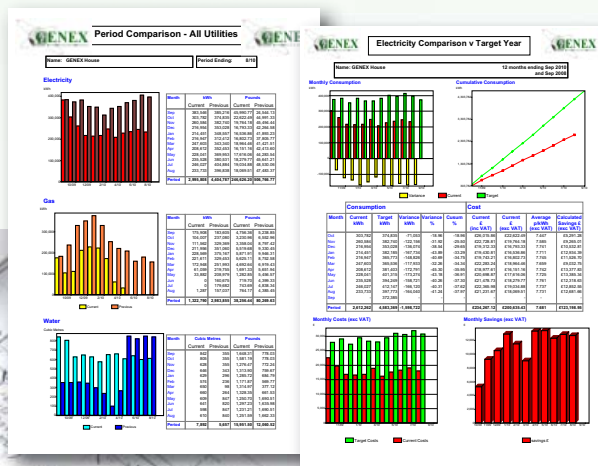
- Monitoring and Targeting
- Graphical reporting systems
- Proactive analysis to maximise savings
- Exception reporting
- Benchmarking
- Bill validation

## Energy Purchase Negotiations and Tender Analysis

Finding the lowest price for the energy you buy may not be as easy as initially thought. Considerations that may need to be taken into account can typically include:

- Duration of contract
- When to buy
- What information should be provided to prospective suppliers
- Levelling and evaluation of tender offers
- Assessment and qualification of CCL and VAT

These issues may need to be taken into account if the best long term deal is to be secured and failure to understand these areas can readily result in excess payments of 20%. GENEX have a wealth of experience and understanding in the complexities of such arrangements and can assist in achieving the best deal for a client at the best time.



For further advice and assistance in Energy, Environmental and Water Management call GENEX on 01423 816220 or email us on [enquiries@genex.eu.com](mailto:enquiries@genex.eu.com)



## Energy Audits and Surveys

Through our in-house environmental expertise which is delivered by both highly qualified and passionate engineers with over 30 years of Energy, Environmental and Water Management experience. We have the ability to undertake energy audits to any type of property. We have experience within numerous business sectors including commercial, leisure, industrial, agriculture and have advised clients with estates consuming over a million pounds per annum.

We can tailor our service delivery to meet individual client requirements, which can range from desk top surveys, whereby evaluations and trend analysis can be carried out on utility bills, to full in-depth site analysis surveys including full energy stream apportionment through on site sub-metering.

## Renewable Energy Solutions

GENEX have designed, managed and commissioned numerous renewable energy sources including ground source heat pumps, photovoltaics, solar thermal hot water, wind and biomass. Many of these technologies may not be suitable for incorporation within a development and the key to the success of these energy sources is understanding what technology works best with the intended building use and location. GENEX have therefore assisted a number of clients in modelling the proposed development and determining the most economical renewable design solution thereby providing the client with a forecast on installation cost, energy return, payback, lifecycle costs and carbon impact. This has resulted in our clients maximising any return on investment and ensuring the system selected yields the maximum possible energy output.

As a result of our experience and knowledge within this market sector GENEX can provide a

full turnkey solution from conceptual design through to commissioning and handover for all renewable technologies

## Building Energy Management Systems and Remote Monitoring

GENEX have qualified and experienced control engineers who have a wealth of knowledge and experience in designing, specifying, installing, managing and operating complex BEMS and can therefore provide a full and comprehensive design, install and management package for any size of project. Our engineers also have a sound understanding of several BMS suppliers and as such are not restricted to the provision of services to one manufacturer.



GENEX

t: 01423 816220

e: [enquiries@genex.eu.com](mailto:enquiries@genex.eu.com)

[www.genex.eu.com](http://www.genex.eu.com)