

ENERGY

ENGINEERING

KEEPING IN TOUCH WITH THE WAY  
FORWARD FOR THE FUTURE.



**Constructionline**  
Silver Member



# Our Location and Contact Information

## Address:

Bellbine House, 156 Shirehall Road, Hawley, Kent,  
DA2 7SN

## Telephone:

01322 277844

## Email:

[Info@energyengineeringltd.com](mailto:Info@energyengineeringltd.com)

## Website:

[www.energyengineeringltd.com](http://www.energyengineeringltd.com)



# Our Mission

At Energy Engineering it is our mission to be the most respected building services engineering consultancy, for its people, performance and innovation.

# Background & Purpose

Started in 2008 to bring a service that meets the demands of modern building services.

With technical developments and required compliances, building services engineering input is essential from an early stage of a project to assist Architects, Structural Engineers and other design team members along with specific client requirements. We provide a service that allows us to advise on building orientation, window types, sizes and thermal performance factors of a proposed structure. All of which needs to be combined at an early stage to ensure the overall budgetary allocations are controlled and energy use from the services kept to a minimum.

Our company has developed a reputation of being friendly and approachable whilst providing a service of design and project management that aids efficiency in coordination with aesthetic requirements for the completed project.



We pride ourselves in our experience with working in a variety of sectors, allowing us to competently work on schemes with a professionalism that understands the requirements of each specialist field including commercial, fit-outs, health & health care, education and residential.

With our specialist understanding of current energy requirements, we are able to provide a complete service that fully understands the impact of engineering to deliver compliant buildings.

We have purposely kept our company growth at a controlled level to ensure that we continue to provide a competent and neighbourly service whereby we regularly interact with our clients and allow our engineers the ability to work with a scheme from the beginning to completion ensuring continuity of understanding. As the company expands, we are maintaining this philosophy.

# Our Values & Vision

## Values

**Collaboration:** Working openly with our customers as one team.



**Responsibility:** Taking ownership & delivering our promises.

**Passion:** At the heart of our company, enjoying each day & helping achieve goals.

**Hearing:** Not just listening but understanding our customers requirements.

## Vision

“To ensure our services provide systems and processes that exceed the expectations of our customers.”

# Introducing Energy Engineering

Energy Engineering; a multi discipline building services and environmental engineering consultancy. Since our launch in 2008, we have worked with a great range of clients. We are also members of CIBSE Low Carbon Energy Assessors.

We utilise the latest design software and produce drawings using the latest software including AutoCAD and Revit, with detailed design calculation modelled using IES, Amtech.

The strength of our engineering approach is our in-house team, we do not need to rely on a third party to provide designs, drawings, documents or energy appraisals. We provide these services as part of our detailed M&E design procedures.

Our team at Energy Engineering consists of highly skilled engineers and support staff who are encouraged to be flexible and focused in delivering high standards of service regardless of size or complexity of each project. Our Employees do this by using their knowledge, training and enthusiasm. Longevity of our relationships with clients for repeat commissions are testament to the quality of our work and designs, together with communication which remain at the forefront of our services.

With our modern approach to engineering, together with our developed procedures for quality, we are able to work with innovation. All of our employees are encouraged to have a "hands-on approach", which puts our client's needs at the top of the agenda.

We select the work we do carefully and seek to work with professional likeminded organisations looking for true value, high performance and to challenge the boundaries that often hinder many projects.

# Our Way of Working

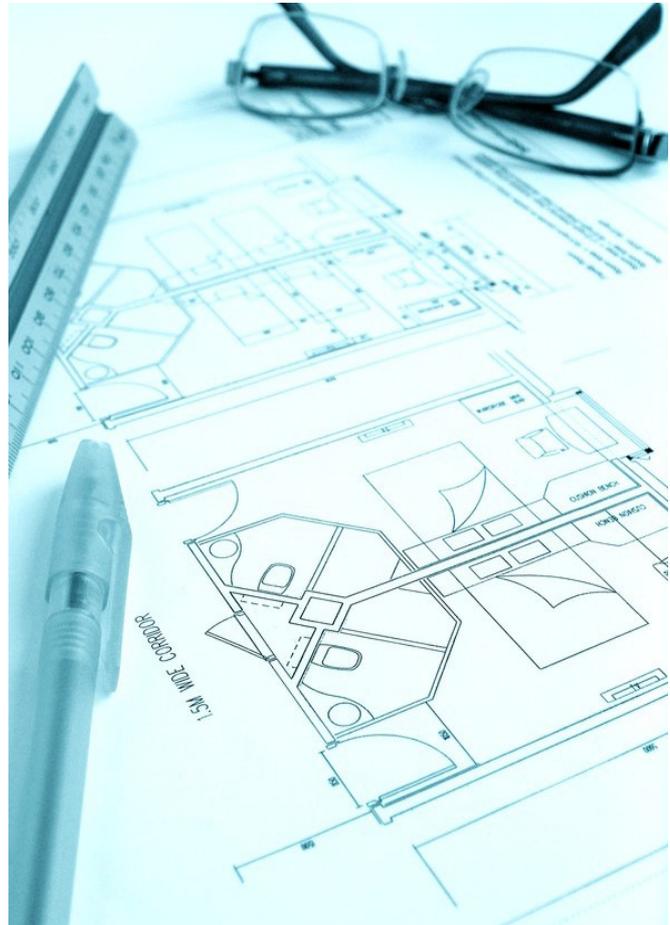
At Energy Engineering we strive to deliver the highest standards of engineering services.

We incorporate the necessary time to ensure our designs are practical, compliant and easy to work with whilst on site. We work in partnership with our clients and engage with them from the beginning, through to satisfactory completion. Therefore, ensuring the desired result is achieved.

Our communication is open and informative, allowing the fulfilment of project objectives in the most cost and programme efficient way.

We pride ourselves on working with entire project teams, bringing ideas, innovation and solutions that enable a collaborative solution.

By maintaining a personal involvement with all projects and clients, our Energy Engineering team strengthens these processes. We aspire to be the preferred engineering consultants by adhering to our values.



# Day to Day

## Mechanical Design Service

- Heating Systems  
(communal & individual)
- Above Ground Drainage Schemes
- Boosted Water Systems
- Gas Systems
- Dry Riser Schemes
- Wet Riser Systems
- Pressurisation Systems
- Air Conditioning
- Ventilation Systems
- Hot and Cold-Water Services
- Combined heat & power
- Sprinkler installations
- Controls
- Water Hygiene

## Electrical Design Services

- LV/HV Electrical Distribution Systems
- Small power distribution Systems
- Lighting (task & display)
- Data/Communications Distribution Systems
- Cable/Satellite/IRS Distribution Systems
- Security Systems
- Automated gates/barriers
- Fire Systems/AOVs
- Emergency & Nurse call systems
- Passenger lifts

## Sustainable Energy Services

- SAP Calculations
- Thermal Modelling
- Full Daylight Calculations
- Passive Designs
- Energy Strategy Appraisals to meet planning Requirements
- Energy Performance Certificates
- Part L Compliance Calculation

## Management Services

- Inspections
- Condition Surveys
- Reports
- Cost analysis
- Project Management
- Facilities Management
- Contract Specifications
- Compliance

# Energy Engineering Work Sectors

Energy Engineering delivers a range of projects for a variety of clients each requiring their own strategic goals look & feel, whilst operating effectively & efficiently. Energy Engineering embarks on new and more challenging work each year.



We believe that the knowledge and engagement from our team enables us to provide exceptional and professional work that will exceed our client's expectations.

Examples of our work areas include:

- Commercial projects – office fit outs, retail establishments.
- Leisure projects - restaurants, bars, hotels, leisure centre changing facilities, gymnasiums, sports pavilions
- Campsites and Caravan Touring facilities
- Educational – schools, nurseries and laboratory settings.
- Residential – large scale apartment blocks, high end mansions, housing association newbuilds and refurbishment of existing stock.
- Cultural and Heritage – Museums, libraries and listed buildings.
- Data Centres.
- All categories of Industrial Unit fit outs
- Health Care establishments, design and refurbishment.

# Good Education & Good Employment

"As the founder and managing director of Energy Engineering I believe that knowledge and training are of paramount importance to our industry. My eight years of engineering education and gaining a BEng (Hons) enabled me to work towards my goal of continually improving the way we engineer projects. It is over ten years ago that I decided to begin the process of setting up Energy Engineering Ltd, after working in various engineering roles in which I learned my trade and improved my understanding of the requirements of industry and those of our clients.

I have a strong interest in maintaining high levels of client care and demand the team I now have working with me maintain excellent standards and values to help ensure that all projects are completed in a timely, efficient and thorough manner.

In developing Energy Engineering, I have selected a team with training, skills and attitude that fits the requirements for our business to continually strengthen as it progresses".

Daniel Eldred – Managing Director

# Delivery

Energy Engineering consistently deliver high standards of work. We pride ourselves on delivering outstanding customer care as well as ensuring all of our designs are practical and well thought out.

At Energy Engineering we have continually developed our processes and design, systems of project management with an approach to reporting that keeps our clients informed at all stages of a project.

All of our employees are friendly, approachable and easy to get in contact with. Delivery is crucial to us, as through our approach we can ensure our clients are happy and our designs are completed competently with the final installations reflecting the brief and to provide many years of efficient operation.



“In combining our expertise in all aspects of building services engineering we design the infrastructure every building needs to assist and please the people who live and work within.”