

# CAPABILITY STATEMENT



**Rural Energy**   
Engineered low carbon solutions



## COMPANY PROFILE

Proud to be working at the forefront of the energy industry, Rural Energy have been designing, installing and maintaining low carbon solutions for commercial and industrial sites throughout the UK since 2002. Rural Energy is a business which is majority owned by the Wates family who also own Wates Construction and Shepherd Engineering Services. Rural Energy sits within the Myriad CEG Group Ltd and trades alongside Myriad Heat & Power Products; a specialist distributor of low carbon technologies including biomass heating, natural gas CHP, solid biomass gasification CHP and also biomass CHP. With an established history in biomass we have grown from a regional supplier to a national player, providing solid solutions for sustainable design in both heat and power products.

We support our customers from initial project feasibility and design through to installation and maintenance, helping businesses reduce both their energy use and their carbon. We have built up a wealth of experience with a portfolio of

hundreds of prestigious projects, having completed over 1,500 projects and installing over 300 MW across the UK.

Our highly skilled and dedicated team offers a unique blend of knowledge and experience and has the capability to meet the challenges associated with complex sustainable design; delivering systems that range from 200kW to 10MW.

We thrive on repeat business and provide a range of services that keep our customers by our side. Working in partnership with our clients, we provide ongoing care that includes managed service solutions, remote monitoring and financial support.

As a vibrant and dynamic company, working at the cutting edge of sustainable heating we are focused on providing the best - quality products, future-proofed system designs, knowledgeable teams, comprehensive training programmes and services our customers can rely on.

## Delivering cost effective, fully integrated and sustainable projects:

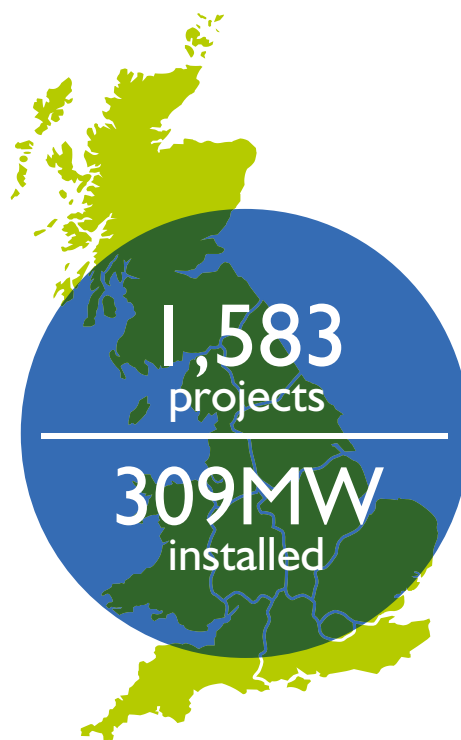
- Site surveys and feasibility studies
- Project management and technical design
- Supply and installation including fuel feed systems, fuel storage, boilers and heating circuits
- Full remote monitoring, servicing and maintenance contracts

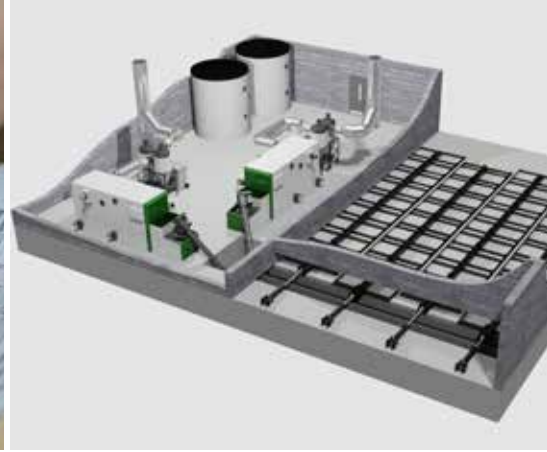


'our team offer a unique blend of knowledge and experience and has the capability to meet the challenges associated with complex system design'



- Commercial Biomass Boilers
- Industrial Biomass Boilers
- Gas CHP
- Gas Boilers
- Biomass CHP
- Packaged Plant Rooms
- Hot Water or Steam





## OUR TEAM

### Technical Design Engineering

Each one of our projects is different and every client presents us with a fresh challenge. Our in-house design team creates turnkey, low carbon solutions for projects ranging from district heating schemes to packaged plant rooms, and apartment block retrofits to energy centres. Using the latest cutting edge software they work together with our technical sales team, project management team and the client to provide bespoke 3D CAD technical drawings (BIM compliant), viability calculations, emissions modelling and specification advice.

### Myriad Plant Room Services

Our dedicated service team stretches the full breadth of the UK. They offer end users full telephone technical support via a helpdesk of experienced troubleshooting engineers plus onsite support through regional service and maintenance engineers. Dealing with everything from helping the hundreds of clients who take out service and maintenance contracts with us every year, to arranging remote monitoring, we ensure our clients systems continue to operate efficiently.

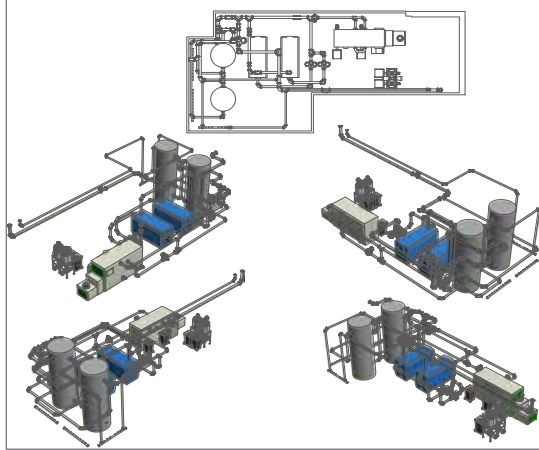
### Project Management

Each scheme we undertake has a dedicated project manager at its heart. Supporting the logistics, full site coordination, installation and commissioning - our project managers will support your project to ensure it runs smoothly from day one.

We are at home working in partnership with large contractors and consultants and have overseen and coordinated the construction of purpose built energy centres, plant rooms and fuel stores.







## OUR CLIENTS

Rural Energy are proud to have delivered systems for retail, distribution, housing developments, land owners, agriculture, commercial sites, hotel/leisure, schools, hospitals and other public sector properties.

Our clients include:



**BOSCH**  
Invented for life



**e-on**



Rural Energy





## Marne Barracks MOD, Yorkshire

**Product:** 1.6MW: 995kW Herz BioFire and 600kW Herz BioFire  
**Fuel type:** Wood chip  
**Project:** Rural Energy project managed the construction of the biomass plant room and fuel store with an innovative top loading fuel store system design



## Heathrow Airport 24 Hour Maintenance Services, London

**Product:** 995kW Herz BioFire  
**Fuel type:** Wood pellet  
**Project:** 24 hour ambulance and services station with a restricted plant room. The project had to meet stringent BAA standards including labelling the entire plant room



## Spadeadam MOD/RAF, Cumbria

**Product:** 600kW Endress VR-W  
**Fuel type:** Wood chip  
**Project:** A scraper floor fuel store feeding a biomass boiler and district heating system serving a hangar and numerous office buildings on this MOD base



## The Harbour (Lancashire NHS Foundation Trust)

**Product:** Herz 600kW Biofire  
**Fuel type:** Wood chip  
**Project:** Rural Energy worked closely with NG Bailey to provide biomass heat for one of the largest mental health facilities in the North West. This project focused on delivering a sustainable low carbon building and included a ceramic filter to cut particulate emissions





## Office for National Statistics, Newport

**Product:** 2MW: 2 x 1MW Endress USF-W  
**Fuel type:** Wood chip  
**Project:** These Government offices require a large heat load and are now heated with a 2MW biomass system fed from a wood chip elevator into the octagonal silos



## Tre-Ysgawen Country House Hotel and Spa, Anglesey

**Product:** 600kW Herz BioFire  
**Fuel type:** Wood chip  
**Project:** Rural Energy project managed, designed and installed a purpose built plant room and fuel store for this hotel and spa. The site now saves an estimated £90,000 per annum on energy bills alone and earns the RHI



## National Botanic Garden of Wales

**Product:** 500kW Herz BioMatic  
**Fuel type:** Wood chip  
**Project:** District heating is provided to a number of offices, a visitor centre and various glasshouses on the estate



## Guide Dogs UK, Breeding Centre

**Product:** Herz Biomatic 500kW  
**Fuel type:** Wood chip  
**Project:** Rural Energy designed, installed and commissioned a biomass system and sunken fuel store that enables this new purpose built breeding centre to heat the facility sustainably and cut their carbon emissions



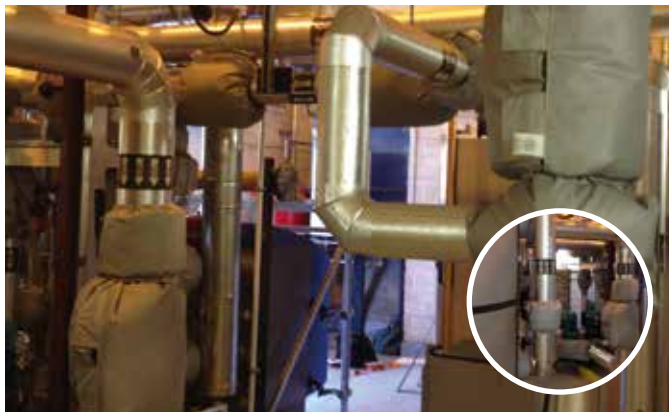
## Redwither Tower, Wrexham

**Product:** Herz Biofire 800kW plus 2.4 MW Gas  
**Fuel type:** Wood pellet and natural gas  
**Project:** Public tender win for Wrexham County Council consisting of a plant room refit at an old mill building being converted to multi let offices



## John Cleveland College

**Product:** Herz Biofire 800kW plus 1.65MW Gas  
**Fuel type:** Wood chip and natural gas  
**Project:** Plant room refit at a school and leisure centre site who were previously the largest public sector user of heating oil in Leicestershire



## Eightlands Social Housing

**Product:** Herz Biomatic 500kW plus 1.5MW Gas  
**Fuel type:** Wood pellet and natural gas  
**Project:** Energy centre refit for a social housing district heating scheme for Kirklees Council in conjunction with Npower



## NHS Dumfries and Galloway, Scotland

**Product:** 6 x 199kW Herz Firematic Heat Pods  
**Fuel type:** Wood pellet  
**Project:** Rural Energy provided design, supply and installation services as well as project management of these Heat Pod deliveries across six NHS hospital sites in Scotland





## Bucks County Council

**Product:** Herz Firematic x 9 (Total 1.25MW)  
**Fuel type:** Wood pellet  
**Project:** Biomass heating to 9 sites including schools and a museum. Four plant room refits and five heat pods



## City of Derby Academy, Derbyshire

**Product:** 1MW: 2 x 500kW Herz BioMatics  
**Fuel type:** Wood chip  
**Project:** A sliding lid fuel store bunker was designed for pneumatic fuel delivery in a purpose built energy centre. CO<sub>2</sub> savings are estimated at 400 Tonnes per annum



## Building Schools for the Future, Sunderland

**Product:** 4 x 400kW / 500kW Herz BioMatic packaged plant rooms  
**Fuel type:** Wood pellet  
**Project:** Packaged biomass solutions were supplied for a total of four schools in the Sunderland area through the Building Schools for the Future programme



## Leon School, Milton Keynes

**Product:** 800kW BioFire Heat Hub  
**Fuel type:** Wood pellet  
**Project:** A Heat Hub packaged plant room with an external silo and free-standing flue was provided to heat this large school



## WD Smith and Son Nurseries, Essex

**Product:** 1.8MW: 2 x 900kW Endress VR-W  
**Fuel type:** Wood chip  
**Project:** Featuring an innovative scraper floor that independently feeds the two boilers, these boilers each earn RHI income and heat numerous glasshouses



## Bell Brothers Nurseries, Lincolnshire

**Product:** 2MW Polytechnik  
**Fuel type:** Wood chip  
**Project:** One of Rural Energy's largest single industrial projects to date providing heating and hot water for 20 million plants a year



## JVG Herbs, Bridge Farm Nurseries, Spalding

**Product:** 1.5MW: 500kW Herz BioMatic and 995kW Herz BioFire  
**Fuel type:** Wood chip  
**Project:** The Herz biomass boilers provide heat and hot water for numerous herb growing glasshouses for this large plant grower



## C Dicks and Son Poultry, Northamptonshire

**Product:** 995kW Herz BioFire  
**Fuel type:** Wood chip  
**Project:** Earning RHI and saving on average one day of feed per crop, heating seven poultry sheds with Draper Ventilation units, this system is providing substantial CO<sub>2</sub> and financial savings

## WHAT OUR CLIENTS SAY



The Rural Energy site team delivered an outstanding product at Sir Harry Smith Community College, with excellent client engagement and demonstrations - it's been a pleasure to work with them.

**Alan Cowdry**  
**Senior Project Manager**  
**Bouygues E&S**



Rural Energy is always a pleasure to deal with, polite, professional, and responsive.

**Wythenshawe Hospital**



The engineer that visited was very professional with a good attitude - he ran through the clean out procedure, answered questions and mentioned he was available by phone for any follow-up questions.

**Lumicity**



We approached Rural Energy with a demanding brief, tight deadline and fixed budget. One thing that struck us almost immediately was their passion, enthusiasm and attention to detail in what they do. The Rural Energy team applied themselves from day one and worked closely with us, to ensure we achieved the objective.

**Patrick Fogarty, Regional Director**  
**NIFES Consulting Group**



We have worked with Rural Energy for over five years and during this time they have offered unlimited support with design, installation and service of their boilers. More recently they have provided training for myself and other members of my team which is giving us the confidence and ability to run, monitor and maintain the boilers in-house.

**Alan Sampson, Head Groundsman**  
**Welbeck Estates**







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