



Sector: Care Homes & Retirement Living

Meeting all your
Energy Challenges



Driving down Energy Costs, building your Energy Resilience, optimising your Energy Performance, giving you Energy Security and reducing your Carbon Emissions

We Understand **Your Sector**

Fleetsolve understands your specific sector challenges – whether they be the low carbon guidelines from the Care Quality Commission, building and planning requirements in relation to renewable energy or whether it's ensuring that your business is as “24/7 operational” and resilient as possible from the uncertainty of the Grid – we could help you meet them all

Staff and leaders must have Green Plans and take action to ensure the settings in which they provide care are as low carbon as possible, ensure energy efficiency, and use renewable energy sources where possible.

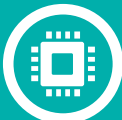
Care Quality Commission, February 2024



Modular Combined Heat & Power, the Energy Technology that **Delivers What You Need**



Onsite Energy Generation



Trusted Technology



Energy Efficiency



Energy Cost Reduction



Carbon Reduction



2-Year Guarantee



UK&I Solution Partner

RMB ENERGIE Fleetsolve

A YANMAR COMPANY



We Understand **Your Energy Challenges**

We understand your energy challenges – the critical importance of:

- Reducing energy usage, driving down energy costs down and maximising the ROI of your energy equipment
- The operational challenges of G99 Grid applications and the Merton Rule for renewable energy requirements in new buildings, reducing your carbon footprint
- Delivering the decarbonisation of your energy supply adhering to the CQC guidelines on energy efficiency and sustainability



Energy Centre



Heat Pump



Solar Array



Battery Storage



CHP Unit

Care Home Settings



Kitchen / Dining Facilities



Onsite Laundry Requirements



Critical Care Equipment



Swimming Pool / Sauna / Spa / Wellness



Heating & Hot Water Provision



EV Charging Stations

Integrating Technologies

CHP Integrates with other renewable technologies to provide on-site, efficient, resilient, low-carbon heat & power.

Multiple Power Requirements

CHP can deliver the low carbon heat and power for all your requirements.

Ongoing Projects within the **Care Home, Retirement Living and Hospital sectors**



Care
Homes

New Build Care Home

- New build care home
- Conducted and submitted the G99 grid connection application
- Full Supply & commissioning of a 20kw micro-CHP, including full accessories package, inclusive of x2 800 litre buffer vessels
- Integrates with PV solar array
- Thermal output compliments two onsite gas condensing boilers
- High building energy efficiency rating



“Fleetsolve - Delivering low carbon, sustainable heat and power projects within the care home, retirement living and hospital sectors for over 5 years”



Retirement
Living



High End Retirement Living

- 118 homes & 49 apartments
- Supporting all domestic residential heat, power and hot water, communal swimming pool, gym, wellness centre, EV charging stations and onsite commercial kitchens
- Full Supply & commissioning of a 20kw micro-CHP, including accessories package
- Extended warranty provided
- Ongoing service and maintenance from our OEM factory trained engineers



NHS

Royal Papworth Hospital

- New, state-of-the-art, 40,000sqm heart & lung hospital with a specialist transplant centre
- 250kw biofuel CHP producing 300kw of thermal energy
- Inclusive of complete fuel supply system
- CHP compliments a large-scale ground source heat pump, alongside oil & gas fired boilers
- Biofuel fully low carbon accredited from the ISCC
- All in support of Papworth's Green plan and wider NHS net-zero 2040 target

How Fleetsolve will **Help** **your Business**

1. Deploying our Combined Heat & Power systems, we could consistently reduce the energy costs for your business, streamline your energy consumption and deliver resilience from Grid uncertainty for your operations team
2. Our CHP technology could reduce your carbon emissions, deliver significant onsite decarbonisation and help you to deliver a sustainable energy strategy that is aligned to the Care Quality Commission's renewable energy guidelines
3. Our CHP units, with their ability to be powered by renewable fuels - including hydrogen - would ensure that your construction, new building and site development plans were compliant with both Part L and the Merton Rule for renewable energy requirements in new buildings

Modular CHP Technology **Delivers Multiple Benefits**

- CHP Increases your energy security as it can operate off-grid and in island mode
- CHP can operate in "black start" when the grid stops, ensuring you have uninterrupted energy supply back up power for your residents, equipment or used to power your onsite EV charging points
- CHP delivers energy efficiency and cost reduction now, and is also future proofed for the transition to low carbon fuels, including Hydrogen
- Our micro-CHP's have a very small footprint and can be efficiently integrated into all plant room settings
- Modular CHP readily integrates with any of your existing or planned energy equipment - whether that be gas boilers, solar PV, heat pumps or battery storage
- Our CHP systems will give you reassurance, as they are built with the highest quality parts, come with the longest warranties in the market and have the least frequent service and maintenance interval requirements
- Our CHP's are monitored remotely and 24/7 - often identifying and rectifying issues before they become apparent to our customers

Next **Steps**

Rest assured that we understand your energy challenges and can help you successfully overcome them. **Let's talk.**

Call: **+44 (0)151 353 2870**

Email: contact@fleetsolve.com

Visit: www.fleetsolve.com



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Our Sustainability **Credentials**

- For over 20 years Fleetsolve has successfully reduced the carbon footprint and delivered low carbon heat and power solutions to some of the most well-known and well-respected companies in the UK
- We have achieved multiple sustainability awards and accreditations
- Delivering multiple BREEAM Outstanding projects
- 1st Commercially awarded Passivhaus project & RICS Sustainability project of the Year 2022 - [Erne College Case Study \(click to read\)](#)
- 15 consecutive years of ISCC audit & accreditation
- Fully OFGEM accredited
- Accredited members of the EU Renewable Energy Directive



Fleetsolve