



We are a commercial HVAC and renewables business specialising in the design, installation and maintenance of heating, cooling and renewable energy solutions for clients.

Oakes

www.oakesenergy.co.uk

Who we are

Engineering is in our DNA, with our ultimate parent company German engineering giants Viessmann Investments having been at the forefront of technology since its inception 108 years ago.

PHS Home Solutions are experts in delivering turnkey solutions, supporting clients by understanding their challenges, conflicting priorities and headaches, turning them into supported, commercially optimised and funded programmes for the benefit of their customers and the communities they serve.

We deliver these solutions through our highly skilled, competent and customer-centric in-house domestic and commercial delivery teams, 0800 Repair and Oakes Energy.

Customer excellence is at the heart of everything we do, achieving high levels of satisfaction from customers, our clients and the wider community.

Education and social value is fully embedded, providing a legacy that far outlasts the contract value.



Our Business (PHS)



£75m +
PHS 2025
Turnover



100,000+
Customer Calls
Per Annum



75,000+
Heating, Renewables
& Electrical Service &
Repairs Per Annum



300+
Direct
Employees



1,200+
Reactive Repairs
Per Annum



2,000+
Reactive Calls
Per Annum

Group Organogram



VIESSMANN
Ultimate Parent Company

PHS
Parent Company

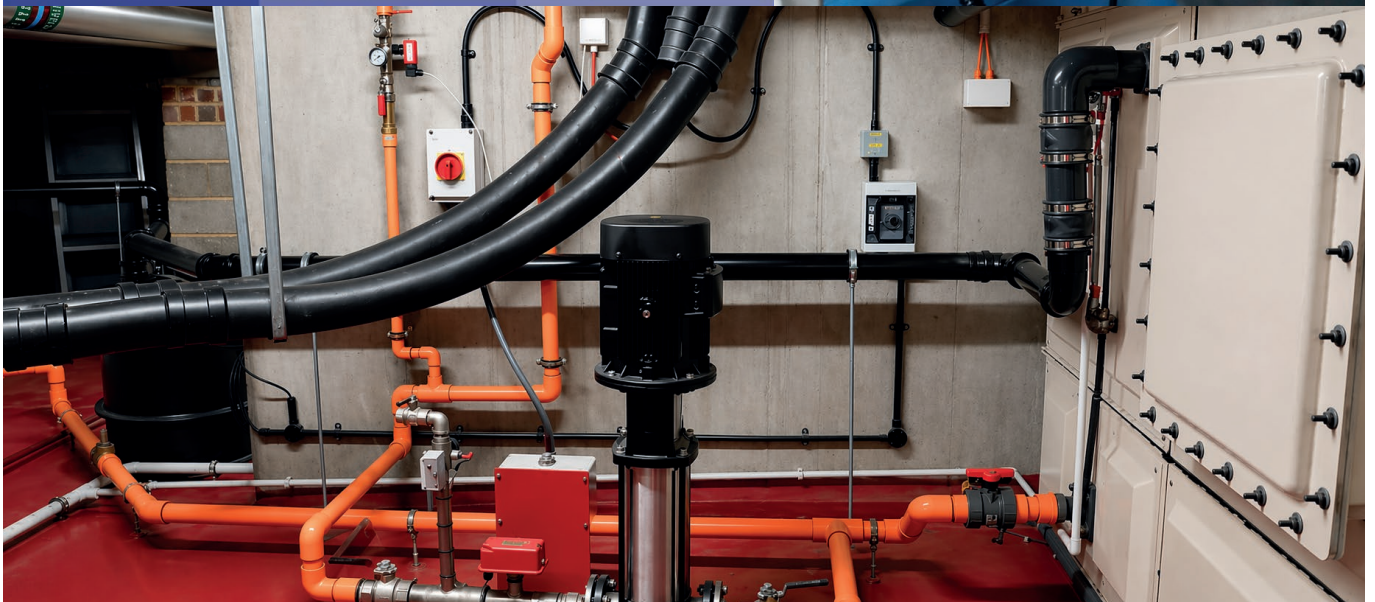
Domestic Works

Commercial Works



Who we are – Oakes Energy Services

 6300+ Air Source Heat Pumps installed	 2400+ Ground Source Heat Pumps installed	
 710+ Solar PV systems installed	 51+ Solar Thermal systems installed	 42+ Biomass systems installed
 Supporting long term sustainability	 Multiple award-winning company	
 Care Homes, Tower Blocks	 Large commercial installations	 Apprenticeship program



Oakes' Offering

Incorporated in 2007, Oakes have offered a full turnkey design, installation, planned and reactive maintenance solution across the UK in traditional HVAC and Renewables for 18 years.

<ul style="list-style-type: none"> Heating (Gas, LPG & Oil) 	<ul style="list-style-type: none"> Ventilation, Natural and Forced 	<ul style="list-style-type: none"> Hydrant Mains
<ul style="list-style-type: none"> PV - Roof & Ground Mounted 	<ul style="list-style-type: none"> Gas Testing & Purging 	<ul style="list-style-type: none"> Automatic Controls & Wiring
<ul style="list-style-type: none"> Battery Energy Storage 	<ul style="list-style-type: none"> Underfloor Heating 	<ul style="list-style-type: none"> Civils
<ul style="list-style-type: none"> CHP 	<ul style="list-style-type: none"> District Heating 	<ul style="list-style-type: none"> Sanitaryware
<ul style="list-style-type: none"> Biomass 	<ul style="list-style-type: none"> Chilled Water 	<ul style="list-style-type: none"> Above Ground Drainage
<ul style="list-style-type: none"> Solar Thermal 	<ul style="list-style-type: none"> Water Treatment 	<ul style="list-style-type: none"> Water Treatment
<ul style="list-style-type: none"> Air Source Heat Pumps 	<ul style="list-style-type: none"> Air Conditioning 	<ul style="list-style-type: none"> Energy Management
<ul style="list-style-type: none"> Ground Source Heat Pumps 	<ul style="list-style-type: none"> Refrigeration 	<ul style="list-style-type: none"> Electrical

Our Partners in District Heat Networks

VIESSMANN Ultimate Parent Company

Oakes Climate Solutions for Business



Our Civils Partners with vast experience in District Heat Networks, recently completed the Byker Heat Exchange on behalf of Newcastle City Council



Part owned by our Parent Company Viessmann and a European Leader in Energy Measurement systems for heat distribution systems



Part owned by our Parent Company Viessmann and a European Leader in heat distribution systems



Part owned by our Parent Company Viessmann and previous experience with 1energy delivering the Bradford Heat Network Project

Sunderland Tower Blocks

Sunderland City Council

Project Overview

In 2020, PHS delivered the then UK's largest gas replacement project bringing ground source heating to seven existing occupied tower blocks in Sunderland.

Working as part of a team with Engie and Kensa Contracting, Oakes carried out the full mechanical upgrade of seven tower blocks which consisted of 364 apartments in Sunderland. The decarbonisation project involved the removal of gas boilers and the installation of a GSHP open loop technology communal network, shoebox units to each dwelling along full new pipework, controls, commissioning and balancing, Oakes provide the ongoing planned preventative maintenance to the site.



Newcastle City Council



Project Overview

A critical district heating upgrade was undertaken between Walker and Byker to replace aging infrastructure that had been experiencing frequent leaks and associated service downtime.

The objective was to install a new pre-insulated district heating main linking Byker Heat Exchange to the Byker Wall residential development, ensuring long-term reliability, improved thermal efficiency, and reduced maintenance intervention.

The works required extensive trenching through urban residential streets, multiple road crossings, construction of insitu reinforced concrete valve pits and close coordination with residents to maintain uninterrupted access to homes and local amenities.



Sunderland Winter Gardens & Museum

Sunderland City Council

Project Overview

We're pleased to announce that Oakes will shortly commence works on a major low-carbon heating upgrade at the Winter Gardens and Museums for **Sunderland City Council**.

The project will see the installation of:

- 10 × 35kW Mitsubishi roof-mounted Air Source Heat Pump units
- A bespoke structural steel mounting platform complete with partial roofing upgrade
- Full crantage operations
- Associated pumps and pipework
- Building Management System (BMS) upgrades

Part-funded through the Government's **Public Sector Decarbonisation Scheme Phase 4**, the scheme forms part of Sunderland's wider strategy to reduce carbon emissions across its estate and future-proof key public assets against rising energy costs and compliments the recent rooftop PV orders which are now under construction for Lambton Primary, Grange Park Primary, Grindon, Hudson, Marlborough, and Southwick Schools

The design will be developed to RIBA Stage 5 by **TGA Consulting Engineers**, working on behalf of Oakes, ensuring a robust, coordinated and deliverable solution.

This project reflects our continued growth in delivering turnkey decarbonisation schemes for the public sector - combining engineering capability, programme management, and funding alignment to provide clients with commercially viable low-carbon solutions.

We look forward to delivering another successful project for **Sunderland City Council**.



Northumbrian Lodge

Project Overview

Installation of a biomass districted heating network for Bernicia high rise tower blocks delivering heat to Altecnic heat interface units.



Altecnic's heat interface units (HIUs) are advanced systems designed for efficient heating and hot water production in residential and commercial buildings, featuring intelligent controls and various models tailored for different applications.



Chipchase Castle and Estate Houses

Project Overview

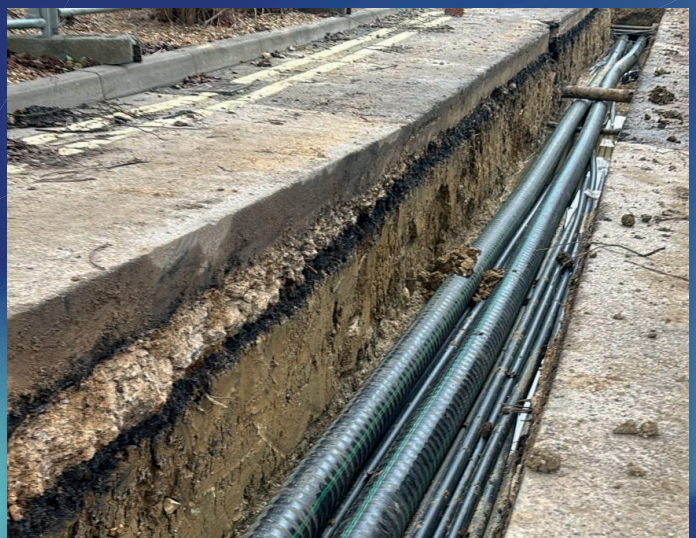
Delivered biomass districted heating system to 17th century Jacobean mansion with 14th century pele tower and a substantial number of estate properties.



Enfield London

Project Overview

We worked as a contractor for Kensa alongside ENGIE delivered England's largest shared ground loop array heat pump system.





Thank you

 **Oakes**

www.oakesenergy.co.uk