

David Miliband MP tours Viessmann social housing biomass installation

New heating system will save residents £384 per property

On May 11th 2012, local MP, David Miliband, attended the unveiling of the latest installation in South Shields of leading international manufacturer of heating systems, Viessmann.

Viessmann was tasked by building contractor Thomas Armstrong (Construction), working for housing and care provider, Places for People, to revamp the heating for 31 flats which make up Bents Cottages in Mowbray Road, South Shields. Originally built in the early 1980s, the flats were previously heated by a plant room containing gas boilers as much as thirty years old, as well as an aging control board of limited capabilities. It is predicted that the various energy improvements installed in the redevelopment will lead to a 90 per cent reduction in the heating system's CO² emissions, with cost savings of around £12,000 per year, which equates to savings of £384 per property.

With the support of a back-up gas boiler and also with solar thermal panels, a Vitoligno 300-P pellet biomass boiler now provides around 75 per cent of the annual heat load for the buildings, equating to approximately 243,000 kWh per year.

The pellet store is sunk into a geothermal unit underground to maintain the appearance of the residential area. In addition, a solar PV system generates 8,200 kWh electrical energy per year, saving on electricity bills and 4,300 kg of CO² annually.

As well as the introduction of a biomass boiler, a number of other improvements have been carried out such as increasing the loft insulation and replacing the old windows with new double glazed units. The fabric improvements will reduce the buildings' heat demand by around 17 per cent.

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About Viessmann

Viessmann Ltd is part of the Viessmann Group of Companies which is one of the leading international manufacturers of energy and climate technology systems. Founded in 1917, the family company is run by a Managing Board under the chairmanship of Managing Partner Dr. Martin Viessmann. The Group has approximately EUR 1.86 billion in annual sales and maintains a staff of some 9,600 employees.

Viessmann's comprehensive product range encompasses all fuel types and applications, allowing it to deliver high quality, efficient and fully integrated solutions. With an output range of 1.5 kW to 116,000 kW, Viessmann offers oil and gas-fired boilers, solar thermal and photovoltaics, combined heat and power modules (CHP), ground, air and water sourced heat pumps and biomass boilers.

About Places for People

- Places for People is one of the largest property management, development, and regeneration companies in the UK. It is made up of 13 businesses focused on providing all the facilities and services a community needs to thrive.

- The Group builds and manage homes, provides job and training opportunities, runs affordable childcare centres, supports new and existing businesses, offers financial products such as mortgages and loans, and specialist care and support services that enable people to live independently in their own home.
- It works in over 230 local authorities across the UK, with a portfolio of over 63,000 properties working with 200,000 customers.

Press Enquiries

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Images

	South Shields MP David Miliband viewed the installation and cost-saving energy measures at Bents Cottages.
	The pellet store of the Vitoligno 300-P biomass boiler was sunk into a geothermal unit underground, to maintain the appearance of the residential area.



The Viessmann heating system was housed in the Bents Cottages' existing plant room.



Bents Cottages' heating system was only 65 per cent efficient, wasting approximately 122,300kg of CO₂ every year.