



IBD EXPERTISE HELPS REGIONAL BUILDER WIN PRESTIGIOUS AWARD

The winning property in the 2017 Salisbury Civic Society New Buildings Awards Scheme has been built by HPP, the Wincanton based regional builder. Gold Hill was recognised for promoting the highest standards of contemporary design in all aspects of the built environment and features a renewable energy based heating and hot water scheme that qualifies for the RHI and was designed by IBD through their Total Microgeneration Scheme Certification Services (MCS).

The Lord Congleton Award was given to Gold Hill in Tisbury and recognised for setting the highest standards in building design, use of materials and architectural features. The owners' appointed architects, sustainable energy advisors and contractor HPP have fulfilled the vision of creating a property within which the need for energy efficiency and making the building as green as possible were considered extremely highly. These attributes have helped to reduce total energy demand for the property to just 9kWh, extremely efficient for a house of this size, and allowing the specification of an air to water heat pump (ASHP) for heating and hot water.

HPP turned to IBD whose expertise lies in designing renewable systems that combine different technologies in the most effective way. For this property the proposed a solution featured an 11kW Daikin Altherma High Temperature Split System Heat Pump, a 300 litre thermal store, Daikin Solar Panels and IBD's Envirotube underfloor heating.

The MCS accredited, Daikin Altherma Heat Pump is eligible for funding from the domestic RHI scheme and would help the owners to offset the installation cost of the renewable heating system, making it a good long term investment. Like many other smaller developers, however, HPP does not have MCS accreditation and for their clients to benefit financially from the RHI scheme, the renewable system needed to be commissioned to MCS requirements.

IBD, Daikin UK's Specialist Renewable Distributor, does have MCS accreditation and provided HPP with a total MCS solution, including guidance on installation and providing the commissioning service. Andy Ham, Director of HPP, says: "A complete renewable system designed by IBD and complete with the MCS service is the ideal solution for developers like us, now and in the future."

The Daikin Altherma heat pump that was selected offers a solution for rural properties and was a viable alternative to an oil fired boiler, fulfilling the sustainability aims of the owners. It has an A+ energy efficiency label, providing the property with heating and hot water. The system includes the outdoor heat-pump which collects the heat from the outside air and transfers it to the indoor heat exchanger and on to the hot water tank. The heat pump is integrated with the roof mounted Daikin Solar Panels for heating the property's domestic hot water.

Andy Ham concludes: "IBD Distribution is the ideal partner for a builders like HPP to ensure clients have a renewable energy system that qualifies for the financial benefits of the RHI".

