



Case Study – Community Centre

Project	St Oswald's Community Centre Jeffreyston, Kilgetty, Pembrokeshire
Equipment	2 x Gasokol tecSol A-frame mounted collectors (4m ²). Solar system fitted with data logging facility to enable the customer to monitor the solar collectors' heat output and kW hours produced, on a daily, weekly, monthly and annual basis.
Details	This is a community facility connected to a modern style primary school providing local Community education with an emphasis on promoting Christian values. The building is used as a day centre and crèche, as well as for other community events.
Objective	The building was designed to be carbon neutral with the installation of a solar water heating system combined with a wood pellet boiler, solar PV array and high levels of insulation. It is also to be used as a demonstration project for both the local community and schools.
Achievements	The solar system was commissioned mid 2007. Combined with the pellet boiler the solar system is providing the school with hot water. A data logger enables pupils to calculate the efficiency of the solar system to provide hot water, and monitor its performance.



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