

ASHP
2 x 14kW
2 x 8.5kW
with Solar

Project Description: Renovate Top Floor Flat; remove electric heating, install radiator system in flat ; move hot water tanks; install solar pre-heat to flat and main house; install air source heat pumps and integrate with existing oil boilers; build ne Bathroom, creat bedroom/study; install solar photovoltaics; contingency wind turbines.

E-Si Equipment: 2 x Mitsubishi 14kW ASHPs; 1 x 8.5kW Air Source Heat Pump; IVT 100L Buffer tank; 3kW Solar Photovoltaics with Sunny Boy Inverter; 200L Geminox pre-heat tank; resued existing HW tanks; Faral Green Radiators; existing rads; 3 x Riomay EcoTube (SunTube) solar heating collectors.

E-Si Project Manager: Craig Anderson **Technical Services:** Dave Thomas, Paul Fletcher (System Integrator and Designer).

Renewable Energy Engineering Team: Fionn O Shea; Connor Brown; Alex Luxton; Art Le Prevost; Liam le Pelley; Jamie Clarke; Seb Kirk; John Dodd.

Other Contractors / Sub Contractors: Steve Davey, Carpenter; Archenoul and Sons, Decorators.



'Grange Hall', Guernsey – Very Large & Very Leaky



Half-way through the Solar Installation.



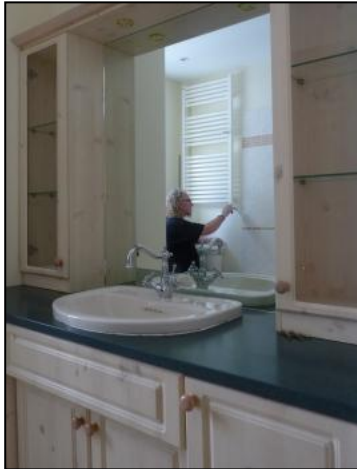
EcoTube Solar Collector.



Art Installing the Heat Pumps.



Setting Out.



Finished Bathroom.