

# Renewable Energy Integration

Large Hospital Campus



Design, supply and installation of an intelligent building controls system for the new ward within a large hospital campus. The building used state-of-the-art systems including an open protocol native BACnet building management system (BMS). In addition to the energy management system, the building utilised photovoltaic (solar energy) plant and was the first significant NHS building to use renewable energy sources to provide some of its energy requirements.

As well as the environmental control of the building, the BMS was applied for the metering of electricity, gas, water and heat (energy) for Departmental Metering Strategy Reports.

**Client:** Lorne Stewart  
**System:** Automated Logic  
**Duration:** 12 Months  
**Value:** £750,000

“The first significant NHS building to use renewable energy source to provide some of its energy requirements.”