

Edinburgh University Edinburgh



Exceptional showcase display of PV integrated system into a sustainable construction project.

The University of Edinburgh, is a renowned centre for teaching and research. It is amongst the largest and most prestigious in the United Kingdom and the world.

PV Systems carried out a feasibility study, design and installation for a PV grid connected system.

The project sought to explore aspects of comprehensive integration of the PV arrays into the design massing and the architectural concept of the building and offset costs of the vertical rain screen cladding and roof covering element on the plant room.



A nominal 11kWp vertical PV facade was integrated into the south facing building element and a nominal 16kWp Roof Integrated System (RIS)© was installed on the plant room roof.

The flashing systems for both the solar arrays were carefully detailed for free draining of rain water.



Name of Project	University of Edinburgh
Location	Edinburgh, Scotland
West Wall Facade Integrated System (FIS) ©	2 solar arrays 56 solar panels
West Tower Wall Facade Integrated System (FIS) ©	6 solar arrays 66 solar panels, BP 785L
Roof Top Roof Integrated System (RIS)©	188 solar panels, BP 785L, 85Wp nominal output
Output total for site	27kWp
Date of commissioning	January 2006