

### Objective

When the Housing Association decided to refurbish this 70's built social housing



development - they were keen to reduce energy costs for tenants.

As a planning condition the local authority also required 10% of electricity to be generated from on site renewable source.

### Solution

South Facing was selected to design and install an 8.64kWp PV system to achieve this target.

### System details

#### Modules-

48x Sharp 180Watt mono cristalline modules

Inverters - 1x Fronius IG40  
& 1 x Fronius IG30

Total System Output **8.64kWp**



### Construction type

Concrete roof tiles on a 22° pitch

### Result

The system reduces the building's annual CO2 emissions by over 4 tonnes.



**South-facing**  
Solar PV Installers & Distributors



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