

# Wider Sustainability

## 2.0 kWh Social Housing Solar PV Installation, Newark, Nottinghamshire.



2.0 kWh Social Housing Solar PV Installation, Newark, Nottinghamshire.

### A Solar PV installation in Newark Nottinghamshire...

Homeco Energy installed this 2kWh system as part of A1 Housing's wider sustainability package involving around 1000 houses. The aim is to strengthen income for the landlord whilst helping to reduce energy poverty for the tenants.

After much consultation between Connaught Partnership and A1 Housing, the contract was awarded to Homeco Energy to help carry this project out.

The chart shows the expected electricity generation of this system and the income that is produced by the feed in tariff. Note also that an electricity saving is made since the client no longer has to pay for the amount of electricity that his system produces.

System Size	2.10 kWh
Annual Generation kWh	1,803
Expected Electricity Saving @ 12 pence per kilowatt*	£108
Feed In Tariff Income @ 41.3 pence per kilowatt	£744
Year 1 Income and Savings	£881
Year 5 Income and Savings - cumulative *	£4,701
Year 10 Income and Savings - cumulative *	£10,220
Year 25 Income and Savings - cumulative *	£33,339
Expected Pay Back time for this project	9 yrs 0mths

\* Based upon expected 50% usage of total electricity generated.

\*\* The feed in tariff is guaranteed for 25 years and is index linked and therefore rises each year. We have taken a 3% inflation figure for this illustration.

49 Wollaton Road, Bradway, Sheffield S17 4LF  
**0114 2935019**

homecoenergy.co.uk info@homecoenergy.co.uk

**Homeco**  
energy