

## Appendix

### SunVolt Programme Outline Business Case

On the 7<sup>th</sup> December 2011 Cabinet approved an investment of £800,000 in the SunVolt programme to install photovoltaic (PV) panels on the roofs of various Council properties

The first phase of installations was complete by July 2012.

Table 1: Sites details

Site Name	Effective Registration Date	Cost
Eastwood Young Peoples Centre	08/12/2011	£ 64,339
Bilsthorpe Highways Depot	24/02/2012	£ 104,703
Lawn View House	02/03/2012	£ 96,505
Butlers Hill Children's Centre	02/03/2012	£ 64,740
Fulwood Place Unit 1	29/03/2012	£ 49,652
Fulwood Place Unit 2	29/03/2012	£ 49,652
Fulwood View Unit 1	29/03/2012	£ 52,555
Fulwood View Unit 2	29/03/2012	£ 51,555
Glaisdale Parkway Library Annexe	30/07/2012	£ 110,000
Worksop Library	25/07/2012	£ 37,700

To date a total of £617,061 has been invested in the programme and £47,051 has been received as income from the investment. In addition to this, the panels have offset over £11,000 of electricity that the Council would otherwise have had to pay for, bringing the total financial benefit of the project to £59,530, or a return on investment of 9.65% so far. It should be noted that as yet many of the installations have not been in operation for a whole year, so the actual annual return will be higher than this. In addition to the financial benefits the programme has also prevented the generation of nearly 100 tonnes of carbon dioxide.

Although the FIT payment rates are falling for new installations the cost of PV panels are also falling. It is expected that a similar ROI can be maintained for future installations.

Table 2: Return on Investment.

Spend	£617,061
Total income to date (FIT & export income)	£48,450
Total Offset Electricity Saving	£11,080
Total	£59,530
Return on Investment	9.65%