


TV15 Greenfields Housing Solar PV		Installation details	
 <p>View of Greenfields houses from front showing PV roofs</p>		<b>Owner:</b> Housing Solutions <b>Site address:</b> Alpine Close, Greenfields, Maidenhead, Berks SL6 <b>Grid reference:</b> SU891805 <b>Local Authority:</b> Berks / RB Windsor & Maidenhead <b>Renewable energy category:</b> Solar PV <b>Status:</b> Operational <b>Operational since:</b> Sept 2001	
Technical information		Socio-economic & environmental data	
<b>Technology type:</b>	15× AP 120 building-integrated photovoltaics panels, 1.0-1.8 kWp per house. SMA inverters (SWR 2500 & 1100E)	<b>Main drivers:</b>	Eco-home ethic; Education; Sustainability
<b>Manufacturer / Installer:</b>	Astropower / Solar Century	<b>Social benefits:</b>	Research (DTI funded scheme includes 3 years' monitoring)
<b>Fuel or feedstock:</b>	-	<b>Jobs created/sustained</b>	Directly: - Indirectly: -
<b>Consumption rate:</b>	- tonnes/year	<b>New business startups:</b>	-
<b>Installed capacity:</b>	Electric: 20 kW <sub>e</sub> Thermal: - kW <sub>th</sub>	<b>Financial benefits:</b>	£979/year
<b>Annual energy output:</b>	Electric: 16 MWh/year Thermal: - MWh/year	<b>Capital cost (inc grant funding + body)</b>	£110,000 (Grant: 100% DTI)
<b>Supplying energy to:</b>	Electric: Local grid Thermal: -	<b>Likely fossil fuel alternative:</b>	Electricity from grid
		<b>Greenhouse gas emissions displaced:</b>	6.9 tonnes CO <sub>2</sub> /year
		<b>Equivalent no. of homes supplied</b>	Electricity: 3.3 Thermal: -