


<p><b>TV44 Parsons Green roof PV</b></p>  <p>View of Parsons Green houses from front, showing PV roofs</p>	<p><b>Installation details</b></p> <p>Owner: Apex Housing Association Group  Site address: Parsons Green  Guildford  Surrey  GU1 1--</p> <p>Grid reference: SU999515  Local Authority: Surrey CC / Guildford BC  Renewable energy category: Solar PV  Status: Operational  Operational since: August 2003</p>
<p><b>Technical information</b></p> <p>Technology type: Building-integrated photovoltaic roof tiles</p> <p>Manufacturer / Installer: Pfleiderer Industrie / Sustainable Energy Installations</p> <p>Fuel or feedstock: -</p> <p>Consumption rate: - tonnes/year</p> <p>Installed capacity: Electric: 25 kW<sub>e</sub>  Thermal: - kW<sub>th</sub></p> <p>Annual energy output: Electric: 16 MWh/year  Thermal: - MWh/year</p> <p>Supplying energy to: Electric: Local grid  Thermal: -</p>	<p><b>Socio-economic &amp; environmental data</b></p> <p>Main drivers: Guildford BC's (Climate Change SAG) Fuel Poverty Strategy</p> <p>Social benefits: Reducing fuel poverty</p> <p>Jobs created/sustained: Directly: -  Indirectly: -</p> <p>New business startups: -</p> <p>Financial benefits: £1,213/year</p> <p>Capital cost (inc grant funding + body): £150,000</p> <p>Likely fossil fuel alternative: Electricity from grid</p> <p>Greenhouse gas emissions displaced: 7 tonnes CO<sub>2</sub>/year</p> <p>Equivalent no. of homes supplied: Electricity: 3.3  Thermal: -</p>