

### Renewable Energy Schemes in Wiltshire Council, March 2011

#### 1) Existing schemes installed by across council services, as at March 2011

Renewable energy type	Location
Solar PV	<ul style="list-style-type: none"> <li>• Amesbury Archer school</li> <li>• Christchurch School, Bradford on Avon</li> <li>• Corsham Primary school</li> <li>• Hardenhuish School</li> <li>• Melksham Oak school</li> <li>• Paxcroft school</li> <li>• Pewsey Library</li> <li>• Shrewton School</li> <li>• St Barnabus school</li> <li>• St Mary's Primary School, New Purton (in construction)</li> </ul>
Solar thermal (hot water)	<ul style="list-style-type: none"> <li>• Bradford on Avon Fitzmaurice Children's Centre</li> <li>• Braeside outdoor education centre, Devizes Downton Clearway Children's Centre Melksham Melksham Canberra Children's centre</li> <li>• Pewsey Children's Centre</li> <li>• Wootton Bassett Manor House Children's Centre</li> </ul>
Biomass (boiler)	<ul style="list-style-type: none"> <li>• Stanton St Quintin School</li> <li>• Wellington Academy</li> </ul>
Wind turbine	<ul style="list-style-type: none"> <li>• Hardenhuish School</li> <li>• New Lydiard Millicent Primary (in construction)</li> </ul>
Combined Heat and Power	<ul style="list-style-type: none"> <li>• Salisbury Five Rivers Leisure Centre</li> <li>• Olympiad Leisure Centre, Chippenham</li> </ul>
Air Source Heat Pump	<ul style="list-style-type: none"> <li>• Shurnhold council offices</li> <li>• Pewsey Library</li> <li>• Pewsey children's centre</li> <li>• Melksham Canberra children's centre</li> </ul>
Ground Source Heat Pump	<ul style="list-style-type: none"> <li>• New Purton St Marys primary (not built yet)</li> <li>• New Lydiard Millicent primary (not built yet)</li> </ul>

## 2) Potential schemes under consideration by Wiltshire Council

The council is interested in renewable energy generation and has commissioned a study to investigate the renewable energy potential across the county. The council is currently reviewing its property portfolio and this will include, among other things, the potential to generate renewable energy and maximise income from the FIT. It is too early to be able to estimate the council's likely annual income from FIT.

Schemes that are under consideration include:

<b>Renewable energy type</b>	<b>Location - scheme</b>
Solar PV	MECH – refurbishment work
	County Farms – potential to install solar PV on suitable farm buildings
	Corsham Secondary School – discussions are underway with TransCoCo into the potential to install solar PV
Combined Heat and Power	<ul style="list-style-type: none"> <li>• Trowbridge – there is potential to include a district CHP scheme within the Trowbridge vision development. Feasibility study underway.</li> <li>• Marlborough Leisure Centre – potential to install a CHP plant.</li> </ul>
Hydro	Chippenham – Monkton Park weir. Investigations underway into possibility of a small hydro scheme
	Kennet & Avon Canal - Investigations underway into possibility of a small hydro scheme
Energy from Waste	MBT plant at Westbury – there is potential to work with Hills Waste Solutions Ltd to have the new MBT plant altered to include on-site energy generation.

The ECO Team is producing guidance for schools on Solar PV/thermal to ensure that if individual schools wish to take up offers from energy companies they get the best deal possible.

The ECO Team works closely with Strategic Property Services and the CAOD Programme to identify potential new schemes on an on-going basis.