

**Renewable Energy Schemes in Wiltshire, January 2011****1) Existing schemes installed by Wiltshire Council, as at January 2011**

| <b>Renewable energy type</b> | <b>Location</b>  |
|------------------------------|--|
| Solar PV                     | Shrewton School<br>Hardenhuish School<br>Amesbury Archer school<br>St Barnabus school<br>Melksham Oak school<br>Corsham Primary school<br>Paxcroft school<br>Pewsey Library  |
| Solar thermal (hot water)    | Braeside outdoor education centre, Devizes<br>Bradford on Avon Fitzmaurice Childrens Centre<br>Downton Clearway Childrens Centre Melksham<br>Canberra Childrens centre<br>WB Manor House Childrens Centre<br>Pewsey Childrens Centre |
| Biomass (boiler)             | Stanton St Quintin School  |
| Wind turbine                 | Hardenhuish school   |
| Combined Heat and Power      | Salisbury Five Rivers Leisure Centre<br>Olympiad Leisure Centre, Chippenham  |
| Air Source Heat Pump         | Shurnhold council offices<br>Pewsey Library  |

The council has not received any income from Feed-in-Tariffs. This is because none of the installations that are generating electricity were eligible for FITs because they were installed prior to the cut-off date and made use of government grants to fund the installation which precludes them from the FIT. However, due to recent clarifications from government, some schools may now be able to start claiming FIT income. Schools have been informed of this change.

**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 Primary School – discussions are underway with TransCoCo into the potential to install solar PV  |
| Combined Heat and Power      | Trowbridge – there is potential to include a district CHP scheme within the Trowbridge vision development. Feasibility study underway.<br>Marlborough Leisure Centre – potential to install a CHP plant. |
| 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 Climate Change 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 Climate Change Team works closely with Strategic Property Services and the Workplace Transformation Programme to identify potential new schemes on an on-going basis.