

# Wiltshire

## Renewable electricity

Total capacity: 13.83 MW, New capacity: 0.02 MW  
Total projects: 26, New projects: 5

Wiltshire has recorded just five new renewable electricity projects over the past 12 months, totaling 0.02 MW. Three of these were solar PV and two were micro wind installations.

In addition:

- 98 per cent (13.59 MW) of the county's total installed capacity is landfill gas and sewage gas
- Wiltshire's net installed capacity decreased from 14 MW to 13.83 MW due to lower capacity at the landfill sites in the county.
- North Wiltshire remains the best performing district in Wiltshire with 5.09 MW of installed capacity
- Kennet is the lowest ranked district in Wiltshire, with just one micro-wind turbine installed
- there are currently no large electricity projects in the planning system for Wiltshire

## Renewable heat

Total capacity: 1.76 MW, New capacity: 1.07 MW  
Total projects: 75, New projects: 53

Wiltshire is the lowest ranked county in the region for renewable heat, with 1.76 MW of installed capacity and 3.2 per cent of the regional total. However, it had the largest percentage increase for 2007. With limited sewage gas CHP in the county (0.2 MW in Salisbury and West Wiltshire combined), Wiltshire's renewable heat installed capacity is predominately made up of biomass projects (1.08 MW), 0.81 MW of which was installed this year.

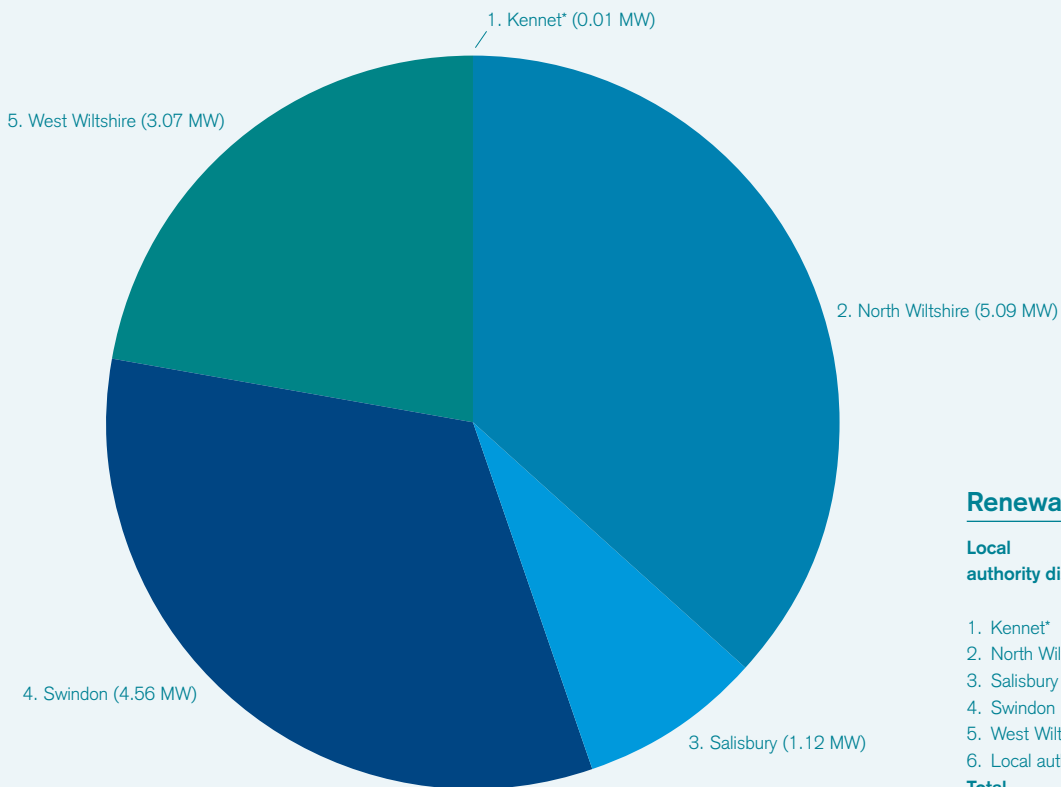
In addition:

- Wiltshire added just over 1 MW of installed capacity (the second smallest addition in the region). This was through 53 new projects, almost tripling the number in the county
- 43 of Wiltshire's new renewable heat installations were solar thermal.
- North Wiltshire, which added nearly 0.5 MW to its installed capacity in 2008/9, overtook West Wiltshire and Salisbury to become the best performing district in the county
- additional projects in Kennet mean that it is no longer the lowest ranked district. Swindon fell to the bottom of the table as a result with just 0.11 MW



Hardenhuish School in Chippenham has fitted a **6 kW wind turbine** and a **10 kW solar PV array** as part of a project to **reduce the school's carbon footprint**. It is expected that together the two technologies will **generate 19,776 kW hours of electricity per year** and **displace 11 tonnes of CO<sub>2</sub>**. The **sustainable energy project** is part of the wider aim of the school to **become more sustainable and active in environmental education**.

## Total installed capacity for renewable electricity for Wiltshire (MW)



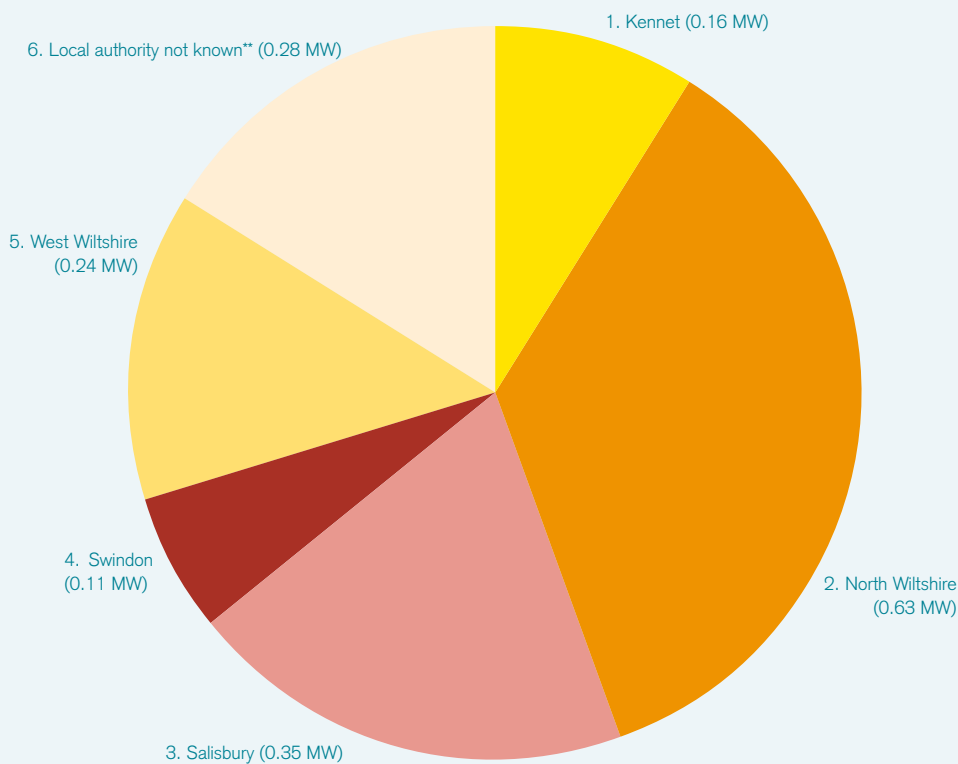
### Renewable electricity projects

Local authority district	No. of projects	Installed capacity (MW)
1. Kennet*	1	0.01
2. North Wiltshire	9	5.09
3. Salisbury	2	1.12
4. Swindon	10	4.56
5. West Wiltshire	2	3.07
6. Local authority not known**	2	0.00
<b>Total</b>	<b>26</b>	<b>13.83</b>

\*Please note data for this segment is proportionally too small to appear on the chart.

\*\*We've received information on these projects, but have no details of their exact locations or installed capacities.

## Total installed capacity for renewable heat for Wiltshire (MW)



### Renewable heat projects

Local authority district	No. of projects	Installed capacity (MW)
1. Kennet	11	0.16
2. North Wiltshire	17	0.63
3. Salisbury	32	0.35
4. Swindon	6	0.11
5. West Wiltshire	8	0.24
6. Local authority not known**	1	0.28
<b>Total</b>	<b>26</b>	<b>1.76</b>

\* Refers collectively to information provided by one installer – the specific number of their installations is unknown.