

# Dorset

## Renewable electricity

Total capacity: 12.57 MW, New capacity: 0.05 MW  
Total projects: 64, New projects: 9

Dorset has 8.1 per cent of the region's installed electricity capacity, with 12.6 MW, and remains in the bottom four performing counties. The vast majority (95 per cent) of this is made up by landfill gas and sewage gas CHP installations.

In addition:

- Dorset experienced a very low increase in installed renewable electricity capacity this year (0.05 MW), attributable to just nine solar PV and micro-wind projects in the public sector
- the split of projects across the districts remains roughly the same, with the new projects spread evenly across the area. Christchurch and East Dorset, however, had no new projects registered
- the Borough of Poole has the largest installed capacity, but this is largely due to one landfill gas installation
- the proposed 9.2 MW wind farm at Alaska (Purbeck District Council) and 12 MW wind farm at Silton (North Dorset), have the capacity to increase Dorset's total by over 160 per cent

## Renewable heat

Total capacity: 4.06 MW, New capacity: 1.89 MW  
Total projects: 122, New projects: 31

1.89 MW of renewable heat was installed in Dorset in 2008/9, taking its total to 4.06 MW. This is 7.3 per cent of the region's total, making Dorset the third lowest performing south west county.

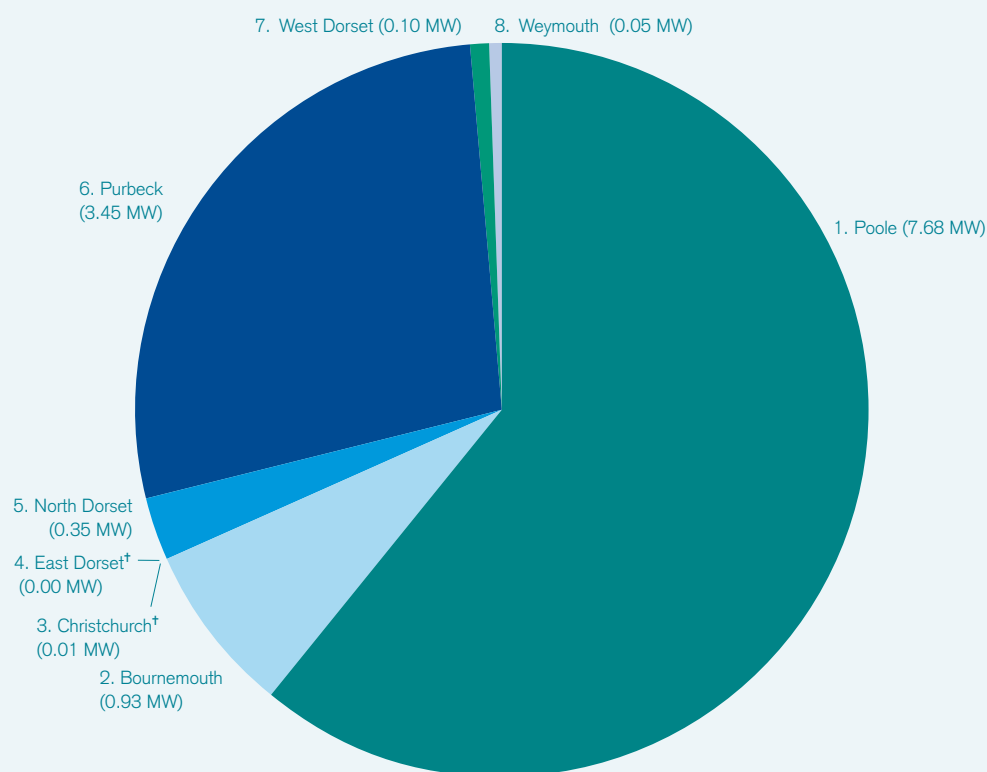
In addition:

- Biomass made up the majority of the new renewable heat installations. It added 1.78 MW, with one project in Poole adding 0.5 MW to the county's total
- Of 31 new projects in the county, nearly 75 per cent were solar thermal installations
- Bournemouth is once again the area with the largest installed capacity at 1.41 MW. This is mainly due to one sewage gas CHP installation
- West Dorset was the area with the highest number of new renewable heat installations, with 19 projects (17 of which were solar thermal), increasing its total to 45



**Solar thermal installation** at Fivepenny Farm, Near Wootton Fitzpaine, Dorset. Fitted by installer Jim Shearman, who has **16 entries recorded in the 2009 survey**, which range between **1.6 kW and 6.2 kW**. This is the **highest number of single projects fitted** by any installer in Dorset.

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



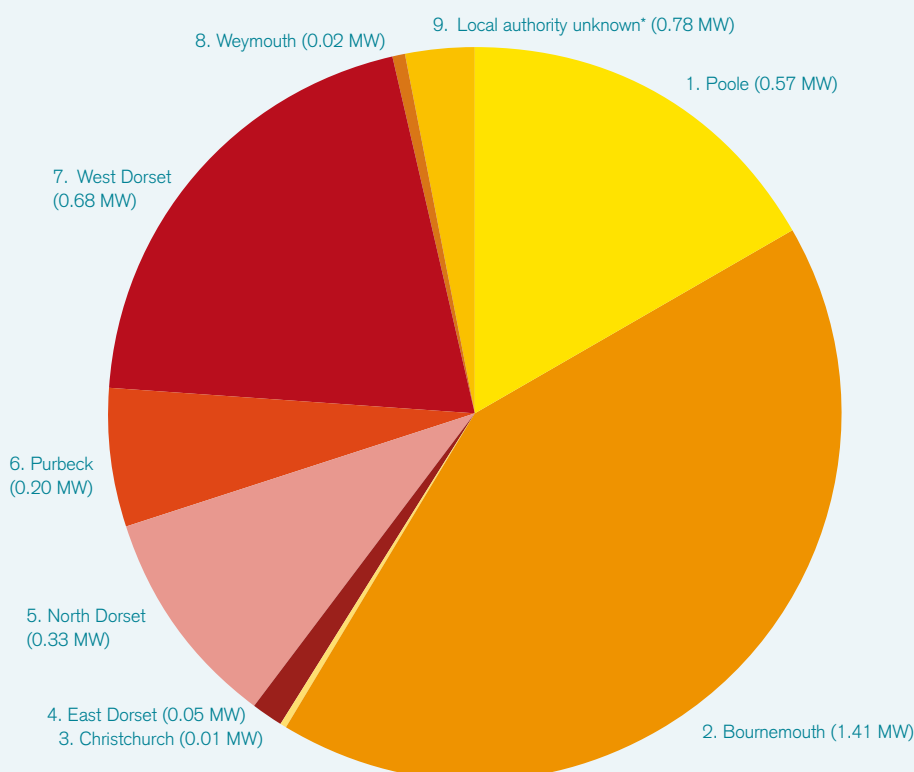
### Renewable electricity projects

Local authority district	No. of projects	Installed capacity (MW)
1. Poole	4	7.68
2. Bournemouth	7	0.93
3. Christchurch	5	0.01
4. East Dorset††	4	0.00
5. North Dorset	4	0.35
6. Purbeck	6	3.45
7. West Dorset	26	0.10
8. Weymouth	8	0.05
<b>Total</b>	<b>64</b>	<b>12.57</b>

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

††We've received information on these projects, but the installed capacity was too small to register in the table.

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



### Renewable heat projects

Local authority district	No. of projects	Installed capacity (MW)
1. Poole	12	0.57
2. Bournemouth	8	1.41
3. Christchurch	3	0.01
4. East Dorset	17	0.05
5. North Dorset	20	0.33
6. Purbeck	8	0.20
7. West Dorset	45	0.68
8. Weymouth	7	0.02
9. Local authority not known*	2	0.78
<b>Total</b>	<b>122</b>	<b>4.06</b>

\* Refers to one individual solar thermal installations, and a collective number of installations by one installer – the specific number of total installations is unknown.