

Cornwall and The Isles of Scilly

Renewable electricity

Total capacity: 57.8 MW, New capacity: 0.69 MW
Total projects: 123, New projects: 24

Cornwall and the Isles of Scilly remains the top performing county in the south west for renewable electricity, with around 37 per cent of the region's total. The county's schemes are now producing enough electricity to power the equivalent of 40,980 homes.

In addition:

- the majority of the county's renewable electricity capacity is made up by 43.6 MW of installed wind and 11.94 MW of landfill gas
- the county has the second highest new installed capacity for the past 12 months (behind Somerset), which, at 0.69 MW, is still a small amount
- three significant wind farms have been approved in Cornwall this year. These are a 3.9 MW installation at Crimp (North Cornwall), an extra 5.6 MW at Goonhilly (Kerrier), and an extra 9.5 MW at Delabole (North Cornwall)
- the Carland Cross repower, which would increase its current provision from 6 MW to 20 MW, was refused by Carrick District Council.
- North Cornwall continues to be the top performing district in Cornwall with 25.91 MW (44.8 per cent of the county's total)
- Penwith and Restormel have only around 0.5 MW of installed renewable electricity each and the Isles of Scilly is yet to register any

Renewable heat

Total capacity: 14.29 MW, New capacity: 2.67 MW
Total projects: 462, New projects: 156

Cornwall and the Isles of Scilly also ranks as the top county for renewable heat, with just over a quarter of the region's installed capacity.

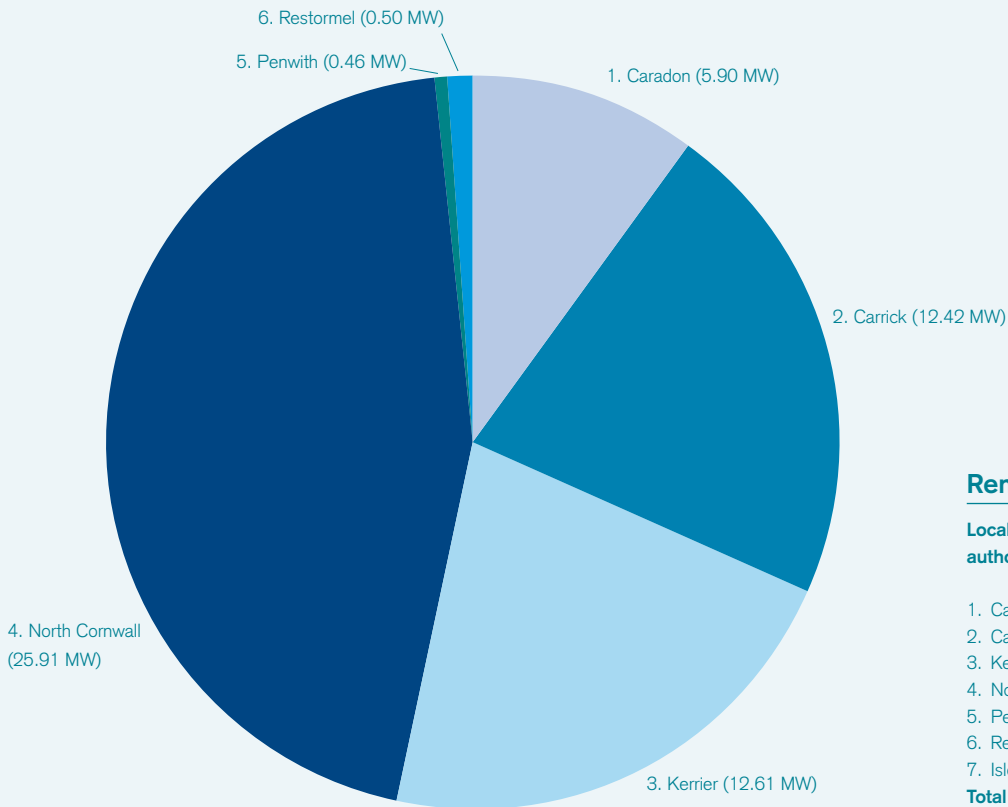
In addition:

- 156 new projects were installed in the past year, amounting to an increase of 2.67MW
- The majority of new heat projects installed are solar thermal, though there are some heat pumps. A small number of biomass projects add approximately half of the new 1.35 MW capacity
- Cornwall and the IOS has the largest recorded installed capacity of heat pumps in the region, with 4.34 MW and 162 projects
- Carrick, with 4.05 MW of renewable heat, overtook Caradon, as the leading district in Cornwall for renewable heat installations
- The worst performers were the Isles of Scilly, which did not add anything to its 2008 total, and Restormel, which added 36 new projects but still has less than 0.8 MW installed



Lanoyce Horticultural Nurseries, based near Saltash in Cornwall, **grows cut-flowers in greenhouses**, mainly for UK supermarkets such as Sainsbury's and Waitrose. **In November 2008**, they **installed a 500kW woodchip boiler** to replace their oil-fired boilers. The new woodchip boiler system is expected to **save around 685 tonnes of CO₂ a year**, and **reduce their heating costs by over £45,000 annually**.

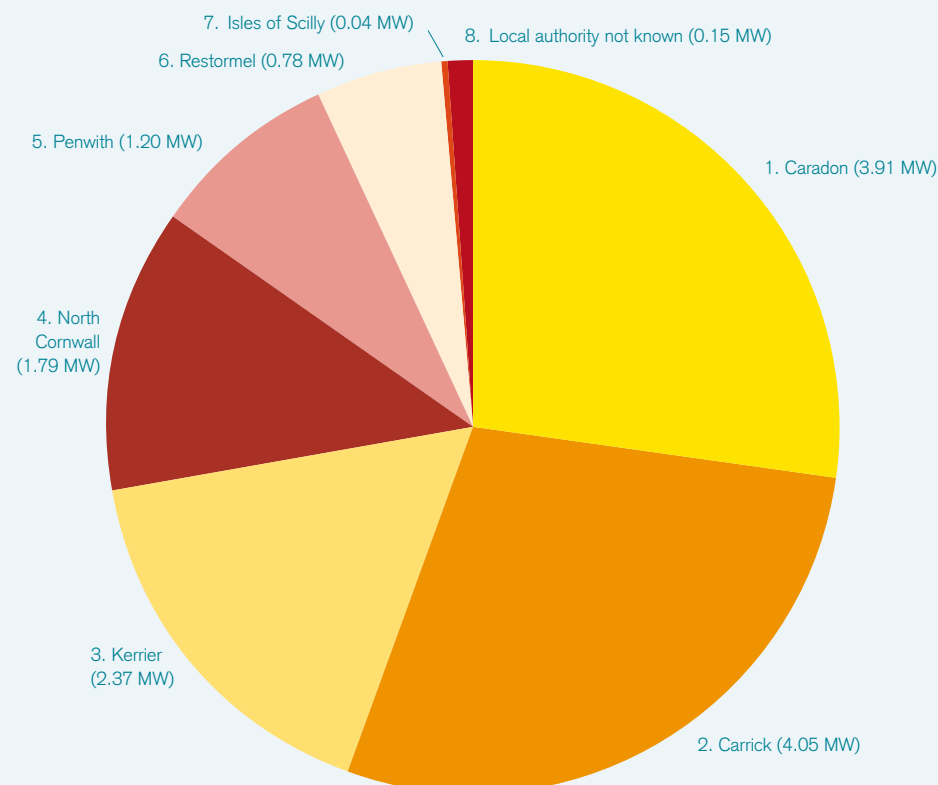
Total installed capacity for renewable electricity for Cornwall & Isles of Scilly (MW)



Renewable electricity projects

Local authority area	No. of projects	Installed capacity (MW)
1. Caradon	13	5.90
2. Carrick	17	12.42
3. Kerrier	27	12.61
4. North Cornwall	25	25.91
5. Penwith	29	0.46
6. Restormel	12	0.50
7. Isles of Scilly	0	0
Total	123	57.80

Total installed capacity for renewable heat for Cornwall & Isles of Scilly (MW)



Renewable heat projects

Local authority area	No. of projects	Installed capacity (MW)
1. Caradon	42	3.91
2. Carrick	135	4.05
3. Kerrier	78	2.37
4. North Cornwall	97	1.79
5. Penwith	65	1.20
6. Restormel	36	0.78
7. Isles of Scilly	2	0.04
8. Local authority not known	7	0.15
Total	462	14.29