



## CASE STUDY

**Breezehurst Drive**

**88kW of solar PV  
installed over 44  
new build houses in  
West Sussex**

### Providing power for a commercial client

The site includes 61 per cent affordable housing, 40 council own build homes for rent, plus 18 rental and 10 shared-ownership homes for the housing association.

The new development had a requirement of solar PV for the social housing properties to keep the running costs down for the new tenants. Chelsfield Solar were employed to install 2kWp of solar PV to 44 new houses on Breezehurst Drive for Countryside properties.

The systems were installed over a period of a year as the houses were constructed and were commissioned in February 2015.

### Chelsfield Solar Project Role

Specialist PV system contractor employed by the developer – Countryside Properties. Detailed PV system electrical and mechanical design, supply, installation and commissioning.

#### Technical Specifications

- 44 x PV arrays comprising 264 x 250W ReneSola PV modules.
- 88kW installed, comprising of 44 x 2kWp systems.
- Samil grid-connected inverters installed to all 44 systems.
- All 44 x PV systems are south facing.
- G83 single phase mains connection to each property into the main fuse board with excess energy exported back to the grid.

