

Eastcott Cross Solar Park



Chester Energy submitted a planning application to Cornwall Council to construct and operate a 5 MWp solar park at a site about 4.5 km to the north of Kilkhampton, Cornwall.

Planning permission was awarded for the project in April 2011. Chester Energy subsequently sold the project and construction began in May 2012.

The solar park will consist of over 20,000 solar panels. The panels will be placed on top of steel frames, which will be piled into the ground in a similar fashion to a fencepost. The panel 'tables' will be positioned at an angle of between 20° and 35° from the ground and will have a height of no more than 3.5 m from the ground to the top of the panel table.

On average, the annual electricity produced from the project will be of the order of 5,000,000 kWh, enough to power over 1,000 homes and prevent the emissions of between approximately 2,000 and 4,500 tonnes of CO₂.

Electricity will be exported to the regional electricity network via a new underground cable connecting into the Morwenstow substation, operated by Western Power Distribution.