

who has got energy for life?

customer RSPB

project Nature reserve

Rye Meads is a delightful wetland reserve beside the River Lee, a favourite with walkers, birdwatchers and photographers alike. There are hides that look out over the reed beds, wet meadows, open water and artificial sandbanks, which are apparently a great place to spot the blue flash of a kingfisher.

The visitor centre is powered with electricity contributed by their solar photovoltaic system which is fitted over the membrane roof with an incredibly low profile so as not to minimise the visual impact on this wildlife area.



solar photovoltaic solutions area (sqm) size (kW)

Retrofit monopitch roof	80	10
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carbon saved / energy generated

Annual carbon saving	3.4 tonnes
Lifetime carbon saving	120.4 tonnes
Annual energy generated	8000 kWh

project details

Web address	www.rspb.org.uk/reserves/guide/r/ryemeads
Type of building	Nature reserve
Date completed	2004
Location	Hertfordshire

For further information on other innovative ways of incorporating renewable energy in your building see our Solution Sheets.