

bewleys hotel, dublin airport

Bewleys Hotels is a family-owned group with four hotels in Dublin and two in the UK – each built to a four-star specification.

At its Dublin Airport hotel, Bewleys installed solar collectors for water heating, saving around €15,000 and 46 tonnes of CO₂ emissions a year.



On-site renewable energy technology can reduce costs, enhance environmental impact, and improve security of supply.

Heating water can account for 50% of a hotel's total energy costs, so any system that can reduce this bill permanently must be worth investigating. That was the thinking at Bewleys Hotels, when it was building its hotel at Dublin Airport.

The design solution judged most cost-effective was the installation of solar collectors, which use the sun's energy to pre-heat water both for direct use and central heating. And yes, solar collectors

still work on an overcast day. Typical installations in Ireland save between 30 and 60% of water-heating costs, usually having a payback period of 6–10 years.

Bewleys Dublin Airport Hotel has 56 solar collectors on its roof, feeding two 5,000 litre storage cylinders. The system cost €210,000 and is saving about €15,000 and 46 tonnes of CO₂ emissions a year.

'The system supplying green heat to the hotel is completely automated,' says Clio O'Gara, Brand Manager at Bewleys Hotels. 'It is a visible demonstration of our commitment to the environment.'

'The system is supplying a third of our hot water needs for free and guests value the fact that they are staying in an environmentally conscious hotel.'

Clio O'Gara, Brand Manager, Bewleys Hotels