

Easton Leisure Centre

Bristol, UK

Technology: Solar Thermal

System size: 86.24kWp

Annual Output: 58.9MWh

Annual CO2 savings: 12,897kg

The Easton Leisure Centre clean energy project was commissioned by Bristol City Council and the leisure group Everyone Active, a pilot project for the partnership in advance of further planned installations across the city.

The commercial solar thermal system will not only reduce the sites' energy bills but help the leisure centre to save nearly 13 tonnes of carbon emissions from entering the atmosphere each year.

Solarsense fitted some 800 solar thermal tubes on the flat roof of Easton Leisure Centre. The solar thermal tubes are designed to absorb the sun's energy before the solar thermal collectors transfer the heat generated into the site's existing hot water storage.

The new solar thermal system will pay for itself many times over in the 25-year life of the tubes. By installing the system alongside their current solar photovoltaic (PV) system, the leisure centre has not only further reduced their carbon footprint but ensured the centre can continue to run for years to come by reducing the operating costs of the community facility.



“ It's exciting to see such a vital and visible part of the community as Easton Leisure centre taking action to reduce their emissions and supporting Bristol's climate ambitions.

Councillor Kye Dudd, Cabinet Member for Climate, Ecology, Waste and Energy at Bristol City Council.

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