

Summerfields Leisure Centre Freedom Leisure - Hastings



Solar Panel Installation Case Study

Working with Leisure Energy, Freedom Leisure in partnership with Hastings Borough Council, have reduced their gas consumption through installing solar thermal panels at Summerfields Leisure Centre by **£6,000 per year** at current costs.

Facilities

- 25m Main Pool
- 10m Teaching Pool
- Main Hall
- Gym
- Studio & Spin Studio
- Cafe

Project details

Leisure Energy examined the baseline utilities consumption at the leisure facility and identified several energy conservation measures which would provide energy savings over the life of the contract. These were:

- solar panels
- pool covers
- plant room insulation

The installation of solar thermal panels objective was to provide both electricity and hot water to serve the swimming pool and heating systems. Upon completion of the project, immediate results from the solar installation were being realised in reduction of gas usage.



Gas Savings P/A		
£/PA	kWh	CO ₂
6,000	50,000	10

