

Resources Property Services

Yearsley Swimming Pool - Repair and Refurbishment

Schedule of Energy and Carbon Savings
and
Comparison of Energy Efficiency

Estimated Energy Cost Savings for the project

	Existing	After refurb	Estimated savings	
Estimated energy Costs per annum	£76,235	£50,210	£26,025	a saving of 34% pa

Estimated carbon emission savings for the project

	Existing	After refurb	Estimated savings	
Estimated quantity of tonnes carbon produced per annum	530	300	230	a saving of 43% pa

CIBSE Guidelines for a Swimming Pool of energy usage per square metre of heated space

	Good Practice	Typical Practice	Existing	After refurb	
Fossil Fuels - including steam	573	1336	1446	697	kWh/sqm
Electricity	152	237	125	125	kWh/sqm

Please note that these figures are based on actual energy consumption before the repairs.

The estimated figures post refurbishment are based on the manufacturers' data and calculation.

We would advise that the energy consumption is closely monitored over the first year to verify the actual savings

The energy prices are at a baseline of April 2006