

## Appendix 2

### Schedule of Works and Energy savings at Leisure Centres

	Cost saving	CO2 saving	Consumption saving	Cost	Payback
	£	tonnes	kWh cu.m.	£	years
<b>TAZ</b>					
Automatic pool cover	4,050	37.6	182,000	13,600	3.4
Extend Trend control to dry side	1,912	13.1	30,400	5,950	3.1
Solar heating for pool	3,150	24.8	130,000	16,500	6.5
<b>TAZ Total</b>	<b>9,112</b>	<b>75.5</b>	<b>342,400</b>	<b>36,050</b>	<b>4.0</b>
<b>Springfield</b>					
Automatic pool cover	4,960	50.2	250,000	13,400	2.7
Install Trend controls	2,650	24.5	94,000	10,750	4.4
Solar heating for pool	2,100	20.7	110,000	13,750	6.5
<b>Springfield Total</b>	<b>9,710</b>	<b>95.4</b>	<b>454,000</b>	<b>37,900</b>	<b>3.9</b>
<b>Olympiad</b>					
Liquid pool cover <sup>1</sup>	5,000	72.8	640,000	1,200	0.2
Inverter drives on pool AHU and circulation pumps	2,600	15.7	62,000	11,000	4.2
Extend Trend controls to gym air conditioning	1,000	6	23,600	3,900	3.9
<b>Olympiad Total</b>	<b>8,600</b>	<b>94.5</b>	<b>725,600</b>	<b>16,100</b>	<b>1.9</b>
<b>Grand Total</b>	<b>27,422</b>	<b>265.4</b>	<b>1,522,000</b>	<b>90,050</b>	<b>3.3</b>

<sup>1</sup> Some increase in maintenance cost will extend the payback period but no worse than a conventional cover which could not be used because of pool shape.

#### Lime Kiln

Lime Kiln was not visited contemporary with the other 3 centres. However a recent survey has identified similar proposals with a similar cost and payback. Particular emphasis is likely to be placed on renewing control equipment which is dated and introducing inefficiencies into the system.