

## **SKY ELECTRICAL CASE STUDY – BUCKINGHAM PRIMARY SCHOOL**

Sky Electrical is working with Buckingham Primary School in Hampton on a rolling programme of improvements focussing on the energy efficiency of the school's lighting provision which is already saving the school money.

Jay Allen is the school's site manager: "We have noticed a drop in our electricity usage since the energy efficient lighting has been installed. Also the new lights have helped our energy efficiency rating. It has gone from a D to a B which we are very pleased with."

A risk assessment undertaken by the local council identified the areas which the school needed to improve and the ongoing programme is 60% complete. The lighting in the school hall has all been replaced and LED emergency lighting has been fitted in the high priority areas throughout the school signaling three routes of evacuation.

Sky Electrical recommended that lighting in the classrooms was replaced with new high frequency lights that use 30-40% less power than the old units. The lamps last much longer which reduces the maintenance and repairs increasing the cost and energy savings to be made. The classrooms are much brighter and the teachers have praised the improvements.

"The first thing the teachers notice when they go into the classrooms is how much nicer and brighter the lighting is. We have some functions in our hall so our lighting is now all up to speed and in line with the legal requirements but I can only get so much done at one time within our maintenance budget," says Jay.

One project Jay did secure budget for was the installation of a roof alarm following a spate of lead thefts in the area. Sky Electrical suggested that the most cost effective solution was some low cost wireless movement sensors which activate a siren and a strobe.

"It is working as the alarm has gone off a couple of times and nothing has been stolen. The culprits have gone by the time I get out there," says Jay who lives on the site of the school which has 400 pupils from nursery age to 11.

Sky Electrical's reliability and expertise have seen the company continue to work for Buckingham Primary School for the past five years.

"They do all our major works. When we have a problem, I call them and they are generally here within two hours. They are very reliable and the staff are very friendly," says Jay.

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