

**THE ENERGY EVENT
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Exhibitor News: t-mac Technologies & EDF Energy Promote Energy Management to schools

T-MAC TECHNOLOGIES & EDF ENERGY PROMOTE ENERGY MANAGEMENT TO SCHOOLS

t-mac Technologies Ltd. has teamed up with EDF Energy, the UK's largest producer of low-carbon electricity, to help save energy and promote sustainability at Southwold Primary School in East London.

By installing a t-mac energy control system, the school is now able to manage, review and amend their energy consumption through an online dashboard which acts as a fully interactive interface tool. Since its installation in September 2009, the school has reduced its energy bills by 35 per cent - savings which have already funded two extra full-time teachers.

The overall aim is to help the school develop energy reduction strategies as well as highlight the need to save energy to the children. The t-mac system has been responsible for managing and controlling energy intensive systems within the school including the lighting, mains electricity, mains gas and the boiler. Indicators such as room temperature, the flow and return of boiler temperatures and lux levels are all monitored by the t-mac device and controlled by the t-mac software which ensures meter readings do not exceed specified levels.

One key way that t-mac has helped Southwold School was through the implementation of frost protection to the boiler system, where the t-mac device reacts to cold weather by reviving the system before they reach critical temperatures. Frost protecting the boiler ensures that the utility does not freeze during cold nights by monitoring temperature and turning the boiler system back on, even if it had already been switched off by a timer. The bespoke Southwold Primary School dashboards are also visible on computers for children to interact with, which helps engage pupils, educating them on energy efficiency and increases their awareness of the importance of reducing energy wastage.

To find out more about this project, you can visit t-mac at stand 116 at the Energy Event on 8 – 9 September. Visitors to the Energy Event will also be able to 'test t-mac' through a unique interactive touch-screen system at their stand which reveals the array of custom-designed energy dashboards on offer. At this year's event they will also have a t-mac demonstration board which will show how t-mac works with equipment such as boilers, lighting and air conditioning in real-time.
