

Customer Case Study

UPS Partnership Approach Powers Water Treatment

Lloyd Morris Electrical Limited (LME) is an electrical engineering company specialising in the design, manufacture and installation of electrical distribution and control systems for both industrial and commercial projects.

With technological advances constantly evolving, the company demands the very best service and products from its suppliers to satisfy the demands of its customers. Riello Galatrek is one of those suppliers meeting Lloyd Morris Electrical's needs.

By working closely with their customers and following a system designed to meet the requirements of ISO 9001, LME maintain a partnership with their clients based upon quality, trust and satisfaction. Tim Hopkinson, Director at Lloyd Morris Electrical; "We pride ourselves on the relationship we develop with our suppliers and customers, we always try to work with them and develop that relationship. Once we have, they can see the quality of service we provide and are keen to support this." Robin Koffler, General Manager of Riello Galatrek; "It is important that customers see that everyone is working together to provide a seamless service using all the expertise available. That way, they are confident they are getting the best solution and service."

The IRIS Project

A prime example of LME and Riello UPS combining their respective skills is currently one of the largest projects for this type of work in the UK water industry. It is for a new waste water treatment works that is currently in the process of being built. Tim Hopkinson of Lloyd Morris; "This project is for the Isle of Man Government Department of Transport is similar to the one we undertook for the Cardiff Waste Water Partnership. We are providing all the electrical installation and the system integration for the first phase, a new treatment facility at Meary Veg, near Douglas. This contract as a whole is called the IRIS Project and is a massive construction contract across the entire island."

He continues: "The project as a whole is likely to span a further five to ten years, with around seventy pumping stations ultimately to feed the Meary Veg Treatment Works. Integration is the key to successful operation, with a fibre optic network linking all locations. As such it is essential that an integrated approach to design and implementation is adopted, and a proactive approach is followed."

The UPS was a key part of the solution specified. UPS systems are used to support the control panel PLCs and the fibre optic network equipment. Riello Galatrek's UPS used for the IRIS project include its Dialog Plus 3kVA and Dialog Plus 6kVA. Riello Galatrek is also helping with the UPS's installation and configuration on the IRIS Project.

Tim Hopkinson; "We have installed 8 so far in the first phase, 6 of which are the Treatment Works itself, and one each at two of the first pumping stations. It is important for this installation that the UPS can take load from both mains and generators, and for a long stand up autonomy - two hours. As well as providing



A typical panel from Lloyd Morris Electrical

reliable and leading edge technology, we need our suppliers to be responsive and proactive too. We get this by working with Riello Galatrek. Not only do they understand our needs but our customers' requirements too. That really helps."

About Lloyd Morris Electrical Ltd

Established in 1974 by Mr. E. L. Morris, Lloyd Morris Electrical Limited is an electrical engineering company specialising in the design, manufacture, and installation of electrical distribution and control systems for industrial and commercial projects.

For more information on the Dialog Plus and Power Dialog Plus UPS featured here:

- www.riello-ups.co.uk/riello/hm/etd.htm
- www.riello-ups.co.uk/riello/hm/etm.htm



TEC is a specialist consulting team within each Riello UPS company that provides project management, design, specification, and installation advise for both standard and bespoke Riello UPS designs. Each TEC member is appointed based on their engineering background and experience within the power protection field. For more information call **0800 781 7959** or email tec@riello-ups.co.uk