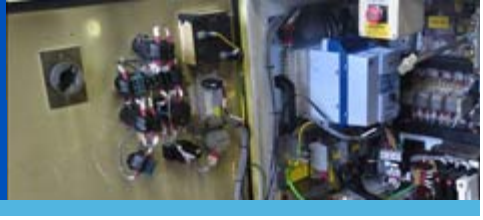
Case Study

Electro Mechanical Services



Summary

Industry:	Water & Waste Water
Application:	Softstart Upgrade
Actual Saving:	£n/a
Payback Period:	n/a

Softstart Replacements for Sewage Plant

Improved reliability and increased service life with Weg softstarts

ISSUE

A large Utility company who operate and maintain water and wastewater assets were suffering with maintainablity and reliability problems on ten of their softstart cabinets.

These softstarts, on one of their sewage sites in Bury, controlled airation and screw pumps. The softstarts were obsolete and failed on a regular basis giving rise to severe reliability issues and unacceptable downtime of the assets which was causing regulatory compliance failures.

SOLUTION

ERIKS engineers recommended the WEG SSW07 45kW.

ERIKS engineers implemented the solution and the sofstart units were supplied on custom made mounting plates which speeded up the installation time and reduced the impact on the plant operations department.

The WEG units use the latest digital control technology and have built in advantages including motor monitoring and contactor bypasses. The bypass function gives the added advantage of reducing the radiated heat in the cabinets, which saves energy and reduces running costs thereby increasing the life expectancy of the installation and reducing the whole life cycle cost model.

The digital remote keypads were fitted to the front of each panel allowing maintenance engineers to take full control of the advanced diagnostic features which helps speed up the fault finding procedure.

OTHER BENEFITS

FURTHER COMMENTS...

The solution allowed the customer to optimize their asset uptime and reduce their whole life cycle cost model. ERIKS know how allowed them to go beyond the customers initial reliability issue and provide a solution that exceeded their expectations

MORE INFORMATION

ERIKS Industrial Services
Amber Way, Halesowen,
West Midlands B62 8WG
Tel: 0845 006 6000
Web:www.eriks.co.uk

know-how makes the difference

ERIKS