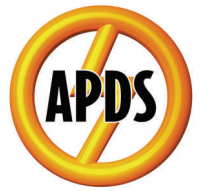


APDS Drive Hire Fleet Saves The Day



The Problem

When a major site had a drive failure leaving them without the ability to pump away storm water they turned to APDS to solve the problem. Temperature issues within the building and ventilation problems within the cubicle caused the inverter to fail leaving the site and indeed the local area vulnerable to flooding. As the Environment Agency closely monitored the site a solution had to be found within 24 hours.

APDS's rapid response team visited the site to assess the needs and to see whether the drive could be repaired quickly. After examining the possibilities it was decided that the only solution would be a hire drive whilst the Low Harmonic Inverter currently installed was repaired.

The Results

The following morning a team of engineers arrived at site, removed the faulty inverter, stripped and cleaned the cubicle and installed a temporary 200kW ACS800-04.

Modifying the existing control wiring, identifying the necessary control signals and ensuring that down time was kept to an absolute minimum was the object of the exercise.

The engineer with us at site wrote thanking the team for their support.

In summary he said "APDS provided us with prompt and very professional service, without which we would probably have struggled to overcome our problem".

The picture below shows a custom built IP54 400kW hire drive complete with Line Contactor and Isolator.

Rapid delivery, installation and commissioning form part of the APDS offering.



APDS 400kW IP54 Inverter

ENERGY SAVING EXPERTS

ABB drives alliance

ABB motor service partner

The picture right shows a 90kW inverter mounted on a wheeled frame. It comes complete with input and output cables and a separate control box. A line contactor is built in to the inverter for simple integration to the existing control scheme.

Our fleet comprises units from 11-400kW 6-pulse and up to 75kW low harmonic.

Hire drives can be custom made to suit the application and integrated into an existing control solution. APDS offer an installation and commissioning service to ensure that the drive meets the customer needs. All of this is backed by our dedicated response team available 24/7 for your continuing peace of mind.

Below is one of the APDS low harmonic hire drives.



Short payback periods and no-hassle service makes APDS Limited Drive Solutions a viable and cost effective solution.

For further information APDS Limited may be contacted at its offices in Avonmouth on 0117 982 2049.

Email at sales@apds.co.uk

APDS Limited is a member of ABB Drives Alliance—a group of independent companies offering unprecedented levels of support on ABB drives and motors.

APDS Limited

At APDS Limited we offer a wide range of AC Drives services, all of which have been made as easy and as simple to use for our customers, providing complete peace of mind. With years of experience in installing and commissioning AC Variable Speed Technologies. We have the quality, expertise and know-how to satisfy all your energy needs.

We have helped many companies like yours' make more of their energy by integrating the benefits of VSD technology into their process. For your free energy survey or for more information about the range of services below, contact us today and start saving!

Tel: 01179 822049

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www.apds.co.uk

APDS Offer

- ✓ Drive hire to 400kW
- ✓ Drive Stock to 400kW
- ✓ Soft Start Stock to 1000kW
- ✓ Motor Stock to 400kW
- ✓ 24/7 engineer availability
- ✓ Official ABB Service Partner
- ✓ Try before you buy
- ✓ 24 hour helpline
- ✓ Energy saving advice
- ✓ Service contracts
- ✓ Maintenance programs
- ✓ Approved ATEX supplier
- ✓ Tailored training courses
- ✓ Motor modification
- ✓ Application advice
- ✓ Installation and commissioning service
- ✓ Energy saving solutions



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