



Luxury yacht builder hails Bowers as ‘fantastic’ ...

The makers of one of the world’s most luxurious yacht brands have hailed the Bowers Group as “fantastic” following a major revamp of their business.

Fairline Boats, who make a range of high-end motor yachts, brought Bowers in when changes in their manufacturing process and an expansion of the business called for a new power supply at their main factory.

Bowers Electricals and Bowers Projects teamed up to carry out the contract, which included the supply and installation of a new Bowers low loss distribution transformer at Fairline’s base in Corby, Northamptonshire. The companies worked alongside the local distribution network operator (DNO) to arrange for a new HV connection and all the contestable and non-contestable works.

During the project, a new DNO substation base was built, along with two GRP enclosures which were kitted out with metering equipment and bespoke high voltage switchgear.

Key to the whole scheme was a new 11kV to 433V distribution transformer, designed and built by Bowers’ highly skilled engineers to BSEN60076 standards at their Derby headquarters. This energy-efficient and compact steel-core transformer - chosen for the job because of its low losses - has been housed in a specially-constructed

substation on the perimeter of the factory site and has already begun reducing the business’s carbon footprint and generating electricity savings.

Fairline’s Senior Project Engineer, John Husk, explained why Bowers were brought in: “We have three factories in Corby that were built in the 1980s and we decided to bring about a major change to the way we

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**John Husk
Senior Project Engineer, Fairline Boats**

manufacture the boats so that now, one (factory) is used for the furnishings, another for the moulding – the wet processes, liquid resins and white gel finishes and so on - and the third factory is where the finishing takes place,” he said.

“This physical change has made a huge difference to the way we operate and, as a result, we had to upgrade the power and utilities at two of the three factories. Because of the increase in electrical demand we needed a transformer and this was how

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As part of the project, a brand new LV switchboard was installed to take the incoming supply from the new transformer for distribution to the new facility.

The Bowers Projects team also arranged all the civil and building works, wayleaves and project co-ordination, and took care of all the necessary Method and Risk Assessments and Health and Safety paperwork.

Michael Bowers, Managing Director of the Bowers Group, said: “I was very pleased that we were able to supply this equipment and carry out the work for Fairline Boats. My family owned a Fairline 34 some years ago and we have many happy memories of that time. To visit the factory and see the designs for new models and to be able to watch these fabulous boats being built was quite inspirational.

“From a business point of view it also gave me great pleasure to see another British manufacturer expanding in the same way that we are.

“We wish Fairline Boats all the very best with their new range of products and all their future developments.”



LEFT: Fairline's boat builders put the finishing touches to one of the firm's award-winning and beautifully-designed yachts

BELOW LEFT: One of the newly-installed LV distribution switchboards.

BELOW RIGHT: A Bowers 11kV to 433V distribution transformer was installed at the Corby site



PROJECT OUTLINE:

- Creation of new DNO substation
- New HV connection, with metering
- Supply and installation of new Bowers distribution transformer
- Supply and installation of HV and LV cabling
- Creation of earth matrix
- Civils and builders' work
- Turn-key project management



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