

# CASE STUDY



## Bernhard Schulte Shipmanagement Hanseatic House, Limassol, Cyprus

### INTRODUCTION

Bernhard Schulte Shipmanagement (BSM) is an integrated maritime solutions provider. Managing a fleet of 600 vessels, 18,000 seafarers and 2,000 shore-based employees enable the delivery of safe, reliable and efficient ship management services through a network of 11 ship management, 24 crew service and four wholly-owned maritime training centres across the world.

Alongside comprehensive ship management services, BSM offers a suite of complementary maritime solutions that are customised to meet individual customer requirements. As a member of the Schulte Group, BSM benefits from its 135+ years of experience in the shipping industry.

### THE CHALLENGE

BSM is fully committed to protecting the environment and engaged in reducing identified environmental impacts on the marine environment as well as on land.

It is within this context that it has searched for the best solution that would reduce electricity consumption and CO<sub>2</sub> emissions at its Headquarters in Cyprus.

### THE SOLUTION

After analysis of the onsite consumption and voltage profile, the Powerstar team recommended the installation of a Powerstar 300kVA voltage optimisation system at Hanseatic House, Limassol, with a guaranteed minimum saving in electricity consumption of 9.6%.

The Powerstar unit was installed with a bypass switch and the savings have been measured by switching the voltage optimisation system in and out of use.

### KEY FIGURES

🌿 **Energy consumption savings: 10.1%**

🌿 **Reduction in CO<sub>2</sub> emissions: 43.95 tonnes**

### SAVINGS AND BENEFITS

BSM is saving **10.1%** in electricity consumption which equates to an annual carbon reduction of 43.95 tonnes of CO<sub>2</sub>.



**“Bernhard Schulte Shipmanagement: Utilising Powerstar voltage optimisation systems to support its carbon reduction goals.”**

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