

‘HOO’ KNEW A GENERATOR WOULD SUPPORT A ZOO’S ANIMALS?



The successful installation of a backup generator supporting vital infrastructure provides peace of mind for a popular zoo. (NB This project was undertaken by Constant Power Services prior to the merger with Riello UPS Ltd)

BACKGROUND

Hoo Zoo and Dinosaur World is a family run zoo located in Telford, Shropshire. It provides families with hours of fun while being wholly committed to conservation and caring for animals.

Set in 32 acres of woodland and paddocks in the heart of rural Shropshire, the farm itself is possibly 200 years old and over the years has been a dairy farm, Christmas tree nursery, and an award-winning farm attraction, but most of all it has been a happy home to the Dorrell family since 1988.

WHY A GENERATOR?

A generator is required to support the water pump that operates around the zoo and provides fresh water to the animals. It is pivotal to the zoo if they should encounter a loss of power supply, being as they are so remote.

The water pump also ensures that the customer hand wash stations are functional. Along with maintaining power for the water pump, the generator was also required as some of the animals, such as reptiles, require a secure electrical supply for life support systems.

PROJECT SPECIFICS

For this project, Constant Power Services provided a comprehensive solution:

- 24-hour base tank
- 80 kVA super-silent generator set
- Delivery, offloading and positioning
- Full installation and commissioning.

FUTURE EXPANSION

The generator was sized according to the main incoming supply and distribution board. Constant Power Services took into consideration the requirement for future proofing too as the zoo has ambitions to expand.

Knowing that they would have the resilience in their generator to support a greater load means the zoo has peace of mind moving forward that their critical load is secure.

WHAT THE CLIENT SAYS

Will Dorrell from Hoo Zoo commented: “The attentiveness and help given by Constant Power Services meant that it was an easy decision to make.

“The installation went very smoothly and was even completed ahead of schedule.”

