



South West Water

Case Study

About

South West Water provides drinking water and waste water services throughout Cornwall and Devon as well as some areas of Dorset and Somerset. Since 2014, UPS Systems plc have supplied a number of UPS units to South West Water for use in their panels to replace legacy equipment. Standby power is also necessary to provide backup to South West Water's aeration control system which is a vital part of the water treatment process.

The Challenge

South West Water asked UPS Systems plc to provide them with a new UPS after their existing unit in the aeration control system failed. Without a working UPS, the aeration process would not be able to take place in the event of a power failure. This could have a serious effect on the cleanliness of the water and therefore a replacement UPS needed to be installed as a matter of urgency.

"User



The Solution

After discussing South West Water's exact requirements UPS Systems were able to propose a high quality replacement for the failed unit in the form of an Eaton 5PX 3000VA UPS.

The Eaton 5PX UPS provides line-interactive backup power and, in comparison to the previous UPS, is a much more efficient unit. The UPS can run at 99% efficiency, helping South West Water save on cooling and utility costs.

The new UPS had a short lead time, allowing it to be installed quickly to restore backup power to the aerator.

"UPS Systems provided a great service and were able to find the best solution very quickly after advising on many different products and their suitability."

Tia Beddow, South West Water



The Outcome

UPS Systems successfully provided South West Water with a brand new Eaton 5PX 3000VA UPS to replace the failed unit. The new UPS will provide standby power to the aeration control system, helping to ensure the water treatment process can take place without any issues.



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