



Newspaper publisher

Newspaper publisher avoids significant financial losses from missed production deadlines by installing a power quality solution.

Texas, USA



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The challenge

A major daily newspaper publisher in the northern part of Texas produced preprinted, time-sensitive advertising material for inclusion in its newspapers. To handle a higher volume of this material, the newspaper decided to build a new facility with new collating equipment. However, the new location was suspected to have power problems.

A third party was hired to collect data for several months on the power quality at the new location. The recorded data indicated that RMS voltage levels fluctuated within less than $\pm 6\%$, but random voltage sags of moderate depth were also present.

Because of the time-sensitive nature of the new operation, interruptions or delays would increase production costs, causing the publisher to risk missed deadlines and lost advertising revenue. Producing nearly 3 million newspapers per week, the publisher's operation was sensitive to problems that could delay production or reduce available maintenance time. Frequent voltage sags could lead to costly operational problems.

The solution

The equipment to be protected was a collating (newspaper assembling) system. Stoppage of the collating system could result in significant overtime costs and the potential loss of tens of thousands of dollars in advertising revenue. Based on the recorded power quality data, the newspaper could expect to see an average or higher number of voltage sags per year at the new facility.

The newspaper purchased 2 500 kVA SagFighter™ active voltage conditioner units through the collating equipment OEM to correct deep voltage sags and provide power protection. In the first few months of operation of the SagFighter units, the area was struck with almost daily severe weather events. Even though the newspaper's facility was subject to an unusually high number of sag events, production was never interrupted by a voltage sag. SagFighter active voltage conditioners offered the power protection needed to keep the publisher up and running and avoid any costly production shutdowns.

SagFighter active voltage conditioner benefits:

- Keep sensitive equipment running without disruption
- Maintain equipment and power reliability, minimize downtime
- Extend equipment life span
- Space-saving solution
- Protect against damaging voltage fluctuations



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