



Data Center Power Monitoring System Simplifies Generator Testing



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A large data center was concerned about the reliability of their emergency diesel generator to provide power for their critical loads in the event they lost utility power. Typically, emergency generators are periodically tested to ensure that they are operationally sound and can “pick up the load.” Because the diesel generator tests were performed on a weekly basis through an automated system, the data center personnel wanted to document that the tests were being performed as had been configured.

The data center had budgeted approximately \$20,000 to install a system to assist them in monitoring and logging each time the generator started. They were able to acquire and install a Square D® PowerLogic® system for less than half the cost that monitored and logged each time the generator was started through the use of I/O modules. Additionally, the data center was able to obtain supplemental data indicative of the generator’s performance characteristics.

The Square® D PowerLogic® system far exceeded the data center’s expectations for less than half the cost. What began with an initial concern of logging and documenting each generator start ended with the customer acquiring data that allowed them to determine the “state of the generator.”

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