

Case Study:

Office & Retail

Hotel-Casino Bets With Confidence On EEM

An upscale hotel-casino in Las Vegas placed a pretty safe bet when it commissioned Power Measurement to provide an enterprise energy management system for its \$1.6 billion complex.

The organization wanted to precisely monitor and direct its utility mains feed, backup generators, emergency circuits, and maintenance operations. The hotel also had a need to accurately sub-bill the many shops and restaurants within its facility for the water and electricity they consumed.

Power Measurement supplied system configuration and integration with existing equipment, as well as customizing the graphic user interface and reports, and training the hotel's staff. System components communicate via Ethernet and Ethergate connections to provide real-time energy information to a large team of distributed users.

After the hotel-casino suffered a major power outage, the ION® system was used to present metered information in reports and graphical displays, providing a clear forensic trail of events that led to the failure. Lost revenues for a complex that boasts more than 3000 guest rooms and over 100,000 square feet of gaming area can amount to around \$3 million a day when power is off, so such information is critical to help the organization prevent future outages.

With the total cost of system ownership being less than \$200,000 this astute hotel-casino certainly isn't gambling on a lengthy payback period.



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