

CASE STUDY

Hewlett Packard Data Center
Houston, Texas



Facility Description

Hewlett Packard is a technology company that operates in more than 170 countries around the world. HP explores how technology and services can help people and companies address their problems and challenges, and realize their possibilities, aspirations and dreams. HP applies new thinking and ideas to create more simple, valuable and trusted experiences with technology, continuously improving the way its customers live and work.

Challenge

HP unveiled one of the most ambitious data center consolidation projects ever, which consolidated 85 data centers worldwide into six larger centers located in three U.S. cities - Atlanta, Houston and Austin. However, distributing the power in these mission critical facilities required ultra-high efficiency that was unmatched in the industry.



Solution

PQI was selected as the designer and supplier of all ultra-high efficiency 500kVA transformers. These transformers were custom made for HP and were beyond any existing industry standard for efficiencies.



Impact

The consolidation will help HP reduce its IT spending by approximately \$1 billion in the coming years. The facilities also will serve as a showcase for HP Adaptive Infrastructure products and services. The data centers will provide HP with more dependable, simplified operations. This effort will enable faster delivery of new technologies, services and information and provide room for growth and improved business continuity, while significantly reducing costs. HP now enjoys the highest power quality and energy efficiency in the industry thanks to the application of the Power Quality International ultra-high efficient transformers.