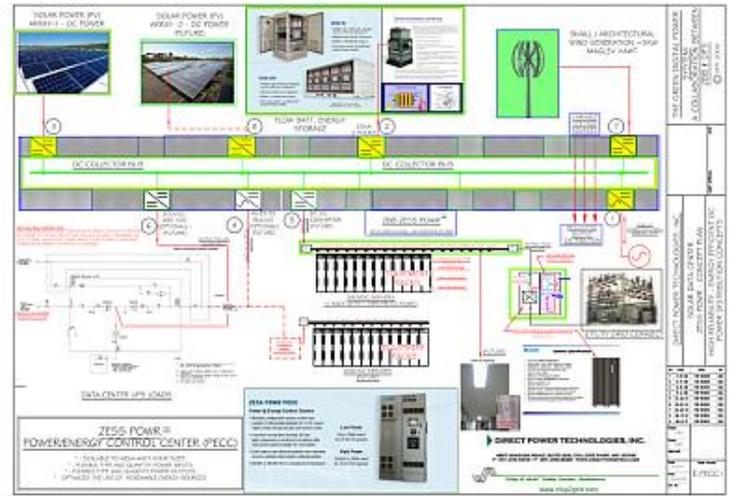




Direct Power Technologies, Inc. announced the successful commissioning of a “first-in-world” multi-generation source ZBB EnerSystem™ that provides uninterrupted power to DC voltage lighting loads, rack power to servers and other miscellaneous loads at (VISA’s flagship) data center.

The commissioning was completed in collaboration with Universal Electric Corporations’ Starline DC Solutions group. Universal, an industry innovator for more than 85 years, is a leader in customizable AC and DC power distribution solutions. Their Starline DC solutions group provides direct current power delivery systems designed for mission critical sites. Starlines’ 380v DC computer infrastructure yields a 200% increase in reliability, a



capital expenditure reduction of up to 35%, floor space reduction of up to 33%, and a decrease in operating expenses of up to 35%, including up to 15% energy savings as compared to conventional AC power solutions.

The system includes the ZBB EnerStore™ flow battery and ZBB EnerSection™ power and control center with photovoltaic (PV), wind inputs and on-demand grid power in conjunction with a fixed 380v DC output for continuous power to the served 380v DC loads. The installation will demonstrate the numerous economic, operational, strategic and environmental value streams accomplished by prioritizing and optimizing renewables in unison with and without the grid at data center locations.

Chip-to-Grid™ design begins with evaluation of power requirements of the chips, which are the building blocks of every server in a data center. Inherently this starts with the need for direct current. To meet this need, the power supply industry has now standardized on approximately 380v DC. The data center, which was historically considered a relatively stable load for the utility, is now shifting to a variable power requirement that follows the amount of work being done.

Direct Power Technologies, Inc. is a world leader in installations of 380v DC power systems for data center loads. Please contact us at info@directpowertech.com.