



Princeton Power Systems Delivers Advanced AC-link Clean Power Variable Speed Drive to Passaic Valley Sewerage Company

Drive to Operate New Advanced Oxidation Process and Significantly Reduce Energy Requirements

NEWARK, NJ, April 2006 – Princeton Power Systems, a developer of AC-link™ and M-link™ technology for advanced electrical power conversion and conditioning, has installed a 200 horsepower AC-link Clean Power Variable Speed Drive (VSD) in the process control room at Passaic Valley Sewerage Commissioners (PVSC), one of the country's largest treatment plants. The 172 acre plant handles influent flows of about 330 million gallons per day, and is responsible for pollution abatement for the portion of the Passaic River in its service area.

"The AC-link Clean Power VSD at PVSC's plant will allow them to operate several advanced processing lines that will lead to significant energy savings and capacity increases," noted Darren Hammell, president and CEO of Princeton Power Systems. "The installation and commissioning went perfectly, and the drive has been up and running for several days already."

The AC-link Clean Power VSD creates high quality electricity, which significantly minimizes damage to industrial motors and facilities. Princeton Power's VSD uses advanced digital control and patented energy efficient technologies to produce clean power voltage and current waveforms on both the inputs and outputs. The Princeton Power VSD offers efficiency gains of 30% and allows the drive to be installed as far away from the motor as necessary.

The VSD is available in 30 - 200hp at 480VAC, features bi-directional operation, dV/dt less than 5 v/us, reliable, rugged design, unlimited installation distance and IEEE-519-1992 compliance for current and voltage distortion. All drives come standard with a 5-button and scroll-wheel keypad and display, and a Windows-based user interface that allows easy access to and manipulation of drive functions, as well as easy configuration of drive parameters. Contact Princeton Power Systems for pricing information.

About Princeton Power Systems

Princeton Power Systems is developing advanced power conversion technologies, including AC-link™, a patented control method that provides a more reliable and cost-effective means for converting electric power cleanly and efficiently. This technology is used in the industrial motor control, renewable electricity and distributed power generation markets, and reduces industrial energy consumption, lowers peak electric usage, and provides clean, renewable energy sources with better performance than existing power conversion technologies.

Princeton Power's core products include motor controllers and grid-tied solar inverters. PPS' products use simpler, more reliable components and incorporate advanced algorithms for controlling various aspects of the electric power, which allows the use of less- complex, less expensive hardware to achieve precision power control. This makes devices rugged, reliable and cost-effective, and yields high-quality power.

For additional information, please contact:

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