



PRESS RELEASE
Immediate release

OPSENS SELLS 60 POWERSENS II SYSTEMS TO POWER COMPANY

Quebec City, Quebec, March 3, 2009 – Opsens Inc. (TSX-V:OPS) (“Opsens”) has received an order for 60 transformer winding hotspot fiber optic temperature monitoring systems.

The customer, a large emerging-market power utility, will use Opsens’ PowerSens II signal conditioner to monitor the transformers of its new power grid, which should be in service by the end of 2009. Monitoring for hot spots will help the customer to optimize load and increase the life span of the transformers.

“We expect this significant order to lead to a continuing relationship with the customer,” said Opsens vice-president, sales and marketing, Yves Plamondon. “The order confirms our ability to address the needs of electric utilities and high-power transformer manufacturers.”

Designed to work together with Opsens’ OTG-T fiber optic temperature sensors, the PowerSens II signal conditioner is unique for its reliability and accuracy. Fitted with an internal reference system, the PowerSens II constantly monitors performance and adjusts internal calibration if required. This feature allows the PowerSens II to compensate for the effects of extreme temperature variations, component aging, mechanical shocks and transformer vibrations. The reliability of the PowerSens II allows Opsens to provide a six-year warranty on its signal conditioner.

About Opsens (www.opsens.com)

Opsens is a leading developer, manufacturer and supplier of a wide range of fiber optic sensors and associated signal conditioners based on proprietary patented and patent pending technologies. Opsens sensors provide long-term accuracy and reliability in the harshest environments. Opsens provides sensors to measure pressure, temperature, strain and displacement to original equipment manufacturers (OEM) and end-users in the oil and gas, medical, high-power transformers, and laboratory fields. Opsens provides complete technical support, including installation, training and after-sales service.

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