



NEWS RELEASE

## **Fiber Optic Temperature Transmitter for Medium Voltage Switch Gear, Motors, & Generators**

**Burnaby, British Columbia, Jan 15, 2016 – OSENSA Innovations Corp. (“OSENSA”)** announces commercial availability of its new FTX-301-PWR+ temperature transmitter and related fiber optic sensing probes for medium voltage power equipment monitoring. The FTX-301-PWR+ is DIN rail mounted within the control cabinet to provide continuous temperature monitoring of switch gear and bus bars connections, cast-resin transformer, generator and motor windings. The FTX-301-PWR+ includes three isolated 4-20mA analog outputs for reporting temperature data on each phase. Also included is support for Modbus RTU protocol over an isolated RS-485 bus and a direct USB connection for easy setup and configuration. The product is UL listed with CSA and CE conformance designations.

The transmitter supports two styles of optical temperature probes, each with optional end point accessories for simple attachment to bolted connections. The PRB-GB2 style sensors are rated to 200°C and are ideally suited for monitoring winding temperatures of cast resin transformers, motors and generators. Alternatively, the PRB-PF1 style probes are rated to 120°C and best suited for monitoring switch gear and bus bar temperatures.

### **About OSENSA ([www.osensa.com](http://www.osensa.com))**

OSENSA Innovations Corp. develops and manufactures cost-effective fiber optic temperature sensors for industrial applications including high voltage power transmission and distribution, semiconductor processing, microwave, process control, and laboratory testing. OSENSA is a privately held company with a strong emphasis on research and development and the commercialization of innovative technologies that improve quality of life while protecting the environment. OSENSA’s fiber optic temperature sensors monitor high-voltage equipment, permitting optimum transmission efficiencies which reduces waste energy and extends equipment life.

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