



CIGRE Conference Paris: Temperature Sensing And Gas Sensing Solutions For The Global Energy Market

LumaSense experts explain how temperature and gas sensing solutions provide information to optimize the performance and extend the life of energy assets.

PARIS, FRANCE, August 16, 2014 /EINPresswire.com/ -- [LumaSense Technologies, Inc.](http://LumaSenseTechnologies.com) will exhibit a suite of products designed to allow customers to continuously monitor Load Tap Changers (LTCs) and transformers at the 2014 CIGRE Conference & Exposition in Paris, from August 25-29th.

CIGRE, the Council on Large Electric Systems, is an international non-profit association consisting of over 2500 energy experts for promoting collaboration with colleagues from all around the world by sharing knowledge and joining forces to improve electric power systems of today and tomorrow.

Power Generation, Transmission & Distribution, Petrochemical Industry - LumaSense provides solutions for the energy sector, in particular sensors connected to software platforms that gather, visualize, and analyze data like for example the monitoring of Furnace Exit-Gas Temperature (FEGT), Generator Step Up (GSU), Distribution Transformer, Transmission Transformer, Dissolved Gas Analysis (DGA), Winding Hot Spot, SF6 Gas, Sulfur Recovery Unit (SRU), Flare Stack, Smoke and Critical Vessel (CVM). This can help energy producers protect, optimize and extend the life of their valuable assets.

Other devices, including fiber optic temperature sensors, gas detectors, and infrared cameras, are critical elements in ascertaining the condition of electric utility assets.

LumaSense invites T&D professionals to booth #232 to discuss the problems they are encountering and solutions that will help them improve the performance of their assets. The following solutions for utilities and energy-providers will be showcased on the spot:

The [SmartDGA System](#) is a cost-effective online monitoring solution based on proven Dissolved Gas Analysis and state-of-the-art non-dispersive infrared (NDIR) technology. This suite of products is designed to allow customers to continuously monitor and control the condition of LTCs and transformers real-time instead of waiting for lab results.

The [LumaSMART](#)® Fluoroptic® Thermometry Fiber Optic Temperature Sensing System for Winding Hot Spots is the most advanced and reliable real-time monitoring solution available today. Monitoring the transformer winding hot spot is critical to safeguard the transformer from damage and extend its usage. With more than 30 years of fiber optic experience, LumaSense is the leader in Fiber Optic Technology (FOT) in monitoring Winding Hot Spots.

The LumaSHIELD® GaAs-Based Fiber Optic Temperature Solution for Winding Hot Spots is a high value, cost-effective alternative to LumaSense's LumSMART® Fluoroptic System. LumaSHIELD® is based on field-proven Gallium Arsenide (GaAs) crystal technology used in transformers since the 1990's. The LumaSHIELD controller's direct, real-time temperature measurement helps address the critical issues encountered by transformer and electric utility managers. The SF6 Leak Detector Monitor 3434i measures the total concentration of the SF6 gas in an enclosed area of a GIS Substation to determine the leak rate. By accurately measuring the leak rate, utilities can improve quality while decreasing costs and emissions.

LumaSpection for Substations: TS724DV is an automated, continuous thermal and visual imaging system used to identify thermal abnormalities within electrical substations and other process control systems.

About LumaSense Technologies®

LumaSense Technologies, Inc., is one of the world's most trusted providers of innovative temperature and gas sensing devices. LumaSense's resource-intensive customers in the Global Energy, Industrial Materials, and Advanced Technologies markets harness their Industrial Big Data using the company's proven systems, software and platforms to detect, reduce and prevent waste and inefficiency. LumaSense LS6 sensor systems and LumaSpec software solutions awaken an industrial 6th Sense that empowers customers to achieve progressive and lasting performance gains. With offices in Asia, Europe, and the Americas, LumaSense serves many of the world's largest industrial companies. For more information about LumaSense Technologies, visit LumaSenseinc.com.

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