



## Welcome to the March 2023 issue of the H2scan Digest

### In this issue we present:

- H2scan Launches HY-ALERTA 5021 Hydrogen Sensor for Maintenance-Free Battery Room Safety Monitoring
- When Does it Make Sense to Pay the Big Bucks for a Multi-Gas DGA Monitor?
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## H2scan Launches HY-ALERTA 5021 Hydrogen Sensor for Maintenance-Free Battery Room Safety Monitoring

This month, H2scan launched its HY-ALERTA 5021 Solid-State Area Hydrogen Monitor product, an essential addition to its hydrogen safety solutions for battery rooms.

H2scan's HY-ALERTA 5021 solid-state area hydrogen monitor is an auto-calibrating sensor technology for data centers, utilities, telecommunications, and energy storage systems end users. Users can deploy it maintenance-free, with no calibration or board replacements

needed throughout the expected 10+ year service life. This makes the HY-ALERTA 5021 a highly reliable and low cost of ownership option compared to other technologies.

Read the full press release [here](#).



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## When Does it Make Sense to Pay the Big Bucks for a Multi-Gas DGA Monitor?

When is buying a TV like buying a multi-gas monitor? When you have to balance cost, features and quantity, single gas monitors may be the cheaper and better option to track transformer health. Find out more by reading H2scan's recently published blog titled "When Does it Make Sense to Pay the Big Bucks for a Multi-Gas DGA Monitor," written by H2scan Sales Manager Jim McGee. Read the blog article on the H2scan website [here](#).

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## BC Hydro Explosion and Fire is a Reminder

# that Transformer Fires are a Rare but Real Concern

Transformer explosions are rare but they do happen and always have the potential to do significant damage. The latest example is an explosion and fire that occurred in an underground electrical vault in downtown Vancouver, BC, on the evening of February 24th. Two people were injured and damage to the underground electrical vault and the infrastructure above it is expected to take weeks to repair.

Leon White, Vice President, Transformer Product Sales, says about the news: “Utilities focus on employee and public safety every day. From engineering standards for new equipment to common maintenance practices, utilities have a keen focus on safety in everything they do. As the grid ages and is stressed in new and challenging ways, utilities have new tools available that allow the real-time monitoring of their critical assets. Since time-based maintenance often migrates to run-to-failure operation, we must challenge ourselves every day to make the grid more resilient and utilize new technology to keep people safe.”

As seen in the video below, assets fail and people can get hurt. We must continue to focus on safety in everything we do. Read more [here](#).



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## Hydrogen Tomorrow News

Electrolyzer market to be worth \$4.27 billion by 2030: According to a new market research report, the global electrolyzers market is projected to reach \$4.27 billion by 2030, growing at a CAGR of 21.2% from 2023 to 2030.

Will forests drive the hydrogen economy?: Canada-based Hydrogen Naturally is converting wood waste to hydrogen fuel, pointing to a fascinating future for the energy and forest products industries.

Global trends in hydrogen IP protection: The European Patent Office (EPO) & International Energy Agency (IEA) released a joint report summarizing trends in the hydrogen economy. Technologies are trending towards using electrolysis and low CO2 emission fossil fuel facilities for hydrogen production.

Hydrogen Valleys: European Commission signs joint declaration with European stakeholders to boost the EU hydrogen economy: The Commission and key stakeholders signed a joint declaration highlighting the crucial role of sustained efforts in renewable hydrogen research and innovation.

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## Upcoming Tradeshows and Conferences

### Reuters Events: Hydrogen 2023

Reuters Events: Hydrogen 2023 aims to accelerate hydrogen from pilot to scale. Joint ventures, investment decisions, and large scale projects - this is where hydrogen announcements are made. This year's event takes place in Amsterdam, Netherlands on March 28-29. Register [here](#).

Planning to attend? Email us for a meeting at [marketing@h2scan.com](mailto:marketing@h2scan.com)!

A promotional banner for the Hydrogen 2023 event. The background is a dark green with a glowing aurora borealis effect. In the top left, the Reuters Events logo (a circular pattern of orange dots) is followed by the text "REUTERS EVENTS™". Below this, the title "Hydrogen 2023" is written in large, bold, white sans-serif font. Underneath the title, the location and dates "Amsterdam, Netherlands | March 28-29" are displayed in a smaller white font. At the bottom left, there is an orange rounded rectangular button with the white text "FIND OUT MORE". On the right side of the banner, there is a dark grey rectangular box. Inside this box, at the top, the words "BRONZE SPONSOR" are written in white. Below this, there is a white square containing the H2scan logo, which consists of the text "H2scan" in blue, with "ADVANCED HYDROGEN SENSING" in a smaller blue font underneath it.

**REUTERS EVENTS™**

# Hydrogen 2023

Amsterdam, Netherlands | March 28-29

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### Hydrogen Tech World

The Hydrogen Tech World Expo & Conference 2023 will bring together hydrogen experts from around the globe, providing an excellent opportunity to meet with leading equipment and component manufacturers, system developers and service providers from across the hydrogen value chain as well as to learn from and talk to engineers, system integrators, technology innovators and end users. The conference will take place in Essen, Germany on April 4-5. Register [here](#).

Planning to attend? Email us for a meeting at [marketing@h2scan.com](mailto:marketing@h2scan.com)!



### IEEE Grid Edge

The new IEEE PES Grid Edge Technologies Conference and Exposition will serve as a



critical collaborative forum, bringing together a variety of organizations essential to delivering enhanced productivity, efficiency, and interoperability to the grid. This year's event takes place in San Diego, California on April 10-13. Register [here](#).

Planning to attend? Email us for a meeting at [marketing@h2scan.com](mailto:marketing@h2scan.com)!



### Battcon 2023

Now in its 25th year, Battcon is a high-energy mix of industry specific presentations, panels, seminars and workshops, plus a trade show. It is a forum where those in the data center, telecom and utility industries can learn from and network with industry experts. Battcon will take place on May 9-12 this year and H2scan will be present as a gold sponsor.

Register [here](#).

Planning to attend? Email us for a meeting at [marketing@h2scan.com](mailto:marketing@h2scan.com)!



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