



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

### In this issue we present:

- A Note from H2scan CEO Dave Meyers
- H2scan's Free Webinar on Electrical Transformer Reliability
- H2scan's HY-OPTIMA Products
- Hydrogen Tomorrow News
- Upcoming Tradeshow and Conferences

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## A Note from H2scan CEO Dave Meyers

H2scan made great progress building our market presence and developing the next generation of our H2scan products for a safer and cleaner world. This success would not have been possible without the dedication and support of our customers, vendors, shareholders, H2scan Digest supporters, and our internal team.

Building new markets cannot happen without an ecosystem of people that are committed to achieving these goals. I would like to take this time to thank our “ecosystem” for your dedicated support in 2023 and am looking forward to collaborating with you in 2024. Thanks again and may you have a wonderful holiday season and prosperous 2024.

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# H2scan's Free Webinar on Electrical Transformer Reliability

This month, H2scan is holding a free on-demand webinar titled "Transformer Reliability - What Tools Should be in Your Reliability Toolbox?" During this 1-hour presentation, we identify and review some of the most common tools used to monitor and assess the health of transformer assets and discuss how we can incorporate them to improve reliability plans.

H2scan's technology is revolutionizing predictive transformer maintenance and helping companies reduce unplanned and catastrophic transformer failures.

[Register to watch the on-demand webinar here](#) and learn what tools should be in your reliability toolbox.

# Transformer Reliability - What Tools Should be in Your Reliability Toolbox?

Event: Free Webinar

Duration: 1 Hour

Speaker: Traci Hopkins & Leon White,  
Electric Power Reliability Leaders

[ACCESS WEBINAR](#)

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## H2scan's HY-OPTIMA In-Line Hydrogen Process Analyzer

Designed for electrolyzers and fuel cells and industrial processes, H2scan's HY-OPTIMA 2700 Series Explosion Proof In-Line Hydrogen Process Analyzer uses a solid-state, non-consumable sensor that is configured to operate in process gas streams.

The H2scan solid state technology provides a direct hydrogen measurement that is not cross

sensitive to other gases. The HY-OPTIMA 2700 Series is ideal for applications where real-time, hydrogen specific measurements can enhance process plant efficiencies, diagnostics and maintenance management.

Learn more about how H2scan's HY-OPTIMA products can help you optimize your industrial processes [here](#).

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## Hydrogen Tomorrow News

Hydrogen urgently needs demand, infrastructure, says Cepsa CEO: Cepsa, an oil, gas and chemicals company, is investing more than 3 billion euros (\$3.3 billion) to create Europe's largest clean hydrogen hub and a further 2 billion euros in solar and wind facilities in southern Spain, making use of prime locations on the Mediterranean and Atlantic for exportation to northern Europe.

At COP28, countries launch Declaration of Intent on Clean Hydrogen: During the 28th Conference of the Parties to the U.N. Framework Convention on Climate Change, more than 30 countries launched the COP28 Declaration of Intent on the Mutual Recognition of Certification Schemes for Renewable and Low-Carbon Hydrogen and Hydrogen Derivatives.

Pipes, ports and electrolyzers: Europe's hydrogen future: As the hydrogen debate shifts from talk to action, Europe is laying the infrastructure foundations of a future supported by hydrogen.

ACWA Power launches largest green hydrogen project in Indonesia, worth over \$1bn: Indonesia is on course to develop its largest green hydrogen project yet, worth over \$1 billion, thanks to Saudi Arabia's energy firm ACWA Power.

SoCalGas and Bloom Energy powering Caltech with innovative campus hydrogen project: The project demonstrates the potential to displace traditional natural gas with fuels like hydrogen, which can be made from clean renewable sources, and foster the many environmental and economic benefits of a hydrogen economy.

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# Upcoming Tradeshows and Conferences

## IEEE EESAT 2024

The 12th IEEE Electrical Energy Storage Applications and Technologies (EESAT) conference has been the premier technical forum for presenting advances in energy storage technologies and applications since 2000. This forum is now sponsored by the IEEE Energy Storage and Stationary Battery (ESSB) Committee, under the IEEE Power and Energy Society, with continuing support from the DOE Office of Electricity and the national laboratories. The event takes place in San Diego, California on January 29-30, 2024. Learn more [here](#).

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



## TechAdvantage 2024

TechAdvantage 2024 is a place where technology professionals can explore the solutions and strategies shaping and driving the future of the electric cooperative industry. Featuring industry experts, cutting-edge content, and real-life examples, the conference's many exciting sessions will offer best practices and solutions that will empower professionals to drive their cooperatives forward. The event takes place in San Antonio, Texas on March 3-6, 2024. H2scan will be present at Booth #659. Learn more [here](#).

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



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