

Nedstack and ComAp Collaborate to Advance Fuel Cell Power System Control

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- Nedstack and ComAp have formed a strategic partnership to develop advanced control solutions for fuel cell power generation.
- The collaboration aims to harmonize control strategies, optimize efficiency, and enhance grid stability while reducing emissions in the power generation industry.
- By integrating fuel cell technology seamlessly into independent power generation systems, Nedstack and ComAp are driving innovation towards a greener, more reliable and sustainable future.

Nedstack, a leading provider of fuel cell solutions, and ComAp, a renowned supplier of power generation and energy management control solutions, are thrilled to announce their strategic collaboration. They aim to redefine together the power generation landscape by developing advanced control solutions that seamlessly integrate and harmonize fuel cell system control strategies, ensuring that fuel cell power generation meets the rigorous demands of the power generation industry.

In an era of rapidly evolving energy needs, the integration of fuel cell technology into the power generation sector is a game-changer. Fuel cells offer unparalleled efficiency, reduced emissions, and exceptional reliability, making them an ideal choice for sustainable and reliable power generation. However, the true potential of fuel cell technology can only be unlocked when coupled with sophisticated control solutions tailored to the unique demands of power generation, while meeting the relevant grid codes requirements and adhering to the best practices in the power generation industry.

"We believe that Nedstack's expertise in fuel cell solutions and ComAp's leadership in power generation control systems will create a strong partnership that will enable further optimization of power generation resources, and support much needed transition towards environmental sustainability," says Lukas Novak, Bi-fuel and Hydrogen Segment Manager at ComAp.

German Nieto, Sr. System Architect at Nedstack, commented: "We are excited to work alongside ComAp in this strategic partnership. Together, we aim to provide the power generation industry with a powerful synergy of fuel cell technology and advanced control solutions, propelling us toward a greener and more sustainable future."

Key Highlights of the Collaboration:

Holistic Approach: Nedstack and ComAp recognize that successful integration requires a holistic perspective. By synchronizing control strategies, they will ensure that fuel cell systems operate in perfect harmony with power generation processes and with other renewable assets on the grid or in micro-grids.

Optimized Efficiency: The collaboration aims to enhance the overall efficiency of power generation, reducing operational costs and minimizing environmental impact.

Grid Stability: Advanced control solutions will facilitate grid stability by providing fast response capabilities to match fluctuating power demands while complying to the relevant grid codes.

Emissions Reduction: The joint effort will contribute significantly to reducing greenhouse gas emissions, advancing the transition to cleaner energy sources.

Reliability: By combining expertise, Nedstack and ComAp will enhance the reliability and resilience of power generation systems, ensuring uninterrupted energy supply.

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About Nedstack (www.nedstack.com)

Nedstack is a Dutch developer and manufacturer of PEM Fuel cell power solutions for high power and safety relevant applications. Nedstack was founded in 1999 and is incorporated in Arnhem, the Netherlands, and is committed to contribute to a NetZero society by delivering state-of-the-art hydrogen fuel cell-based power solutions for hard-to-abate applications.

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About ComAp (www.comap-control.com)

ComAp designs and delivers smart control solutions for power generation and energy management that empower the world's transition to sustainable energy. ComAp was established in 1991 in Prague, The Czech Republic. The company now operates in 23 offices and 13 subsidiaries globally and has more than 550 employees globally.

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