

PRESS RELEASE

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Hymeth Sweden AB Unveils Groundbreaking 25 kW Electrolyzer with Enhanced Efficiency and Cost Reductions



Parts of the dedicated and proud team of Hymeth next to the new electrolyzer system.

Hymeth unveils a groundbreaking 25 kW Electrolyzer with an efficiency of 70-74% while reducing product costs and making it lighter and more compact.

Malmö, Sweden – October 16, 2024 – Hymeth Sweden AB, an innovative leader in electrolyzer technology, is proud to announce a significant breakthrough with the development of its new 25 kW electrolyzer. Building on the success of its 5 kW system, which achieved a 67% efficiency rate in September 2023, Hymeth's latest model delivers exceptional improvements, surpassing industry standards.

The new 25 kW electrolyzer stack, which has undergone rigorous internal testing, demonstrates a remarkable efficiency improvement of 4-10%, placing the stack's overall efficiency between 70-74%. This advancement not only meets the company's ambitious targets but also positions Hymeth's technology as the most efficient available on the market today.

Pioneering Solutions in Hydrogen Production

Hymeth's latest electrolyzer goes beyond efficiency gains, offering a reduction in product costs while simultaneously being lighter and more compact. This achievement underlines the company's commitment to sustainable, economically viable hydrogen production, ensuring a brighter future for renewable energy solutions.

"We're thrilled to unveil our new 25 kW electrolyzer, which is a testament to our team's dedication and innovation," said **Mats Blacker, CEO of Hymeth**. "These advancements are not just about improving efficiency – they represent our commitment to making hydrogen production more accessible, affordable, and impactful on a global scale. This is a significant milestone in our journey to reshape the future of energy."

Ready for Larger Scale Deployment

The upcoming delivery of the 25 kW electrolyzer to Hymeth's second customer marks the beginning of a new chapter in renewable energy. As the company continues to scale up production, the enhanced electrolyzer technology will be showcased in larger-scale applications in the coming weeks, further solidifying Hymeth's position at the forefront of hydrogen innovation.

About Hymeth Sweden AB

Founded in 2021, Hymeth Sweden AB specializes in the development of advanced electrolyzer technology, with a focus on improving the efficiency and cost-effectiveness of hydrogen production. The company's groundbreaking solutions are designed to meet the growing demand for renewable energy and help accelerate the transition to a carbon-neutral future.

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