

Taylor-Wharton and GenH2 Partner to Deliver Zero-Loss Liquid Hydrogen Storage Systems

Revolutionizing Hydrogen Refueling by Eliminating Losses During Transfer, Storage and Dispensing

TITUSVILLE, FL, UNITED STATES, February 27, 2025 /EINPresswire.com/ -- Taylor-Wharton, a subsidiary of [Air Water America Inc.](#), a global leader in cryogenic equipment, has partnered with [GenH2](#), a pioneer in liquid hydrogen technology, to introduce an innovative zero-loss hydrogen storage solution that will redefine the way liquid hydrogen is stored, transferred and dispensed. □

Under this partnership, Taylor-Wharton will incorporate GenH2's ground-breaking Controlled Storage technology into its industry-leading Liquid Hydrogen (LH2) bulk storage tanks. Unlike conventional systems that suffer from hydrogen losses due to boil-off during transfill, storage, and dispensing operations, this game-changing advancement prevents losses before they occur, paving the way for hydrogen as a truly viable alternative to fossil fuels.

“

We are thrilled to partner with Taylor-Wharton, and we share their commitment to innovation and market leadership.”

Greg Gosnell, CEO of GenH2

This breakthrough arises at a critical juncture when the global demand for clean and sustainable energy solutions is more urgent than ever. Hydrogen as a fuel source is set for significant growth but has not been able to achieve widespread adoption due largely to the issue of hydrogen loss from boil-off. Until now, typical refueling operations have experienced substantial losses, often ranging from 20%-40%. GenH2's Controlled Storage, born out of the NASA space program, utilizes cryogenic refrigeration and



GenH2



Taylor-Wharton
Equipping the Hydrogen Infrastructure

Taylor-Wharton Logo

heat removal to eliminate those losses, raising the bar for hydrogen refueling.

Combined with Taylor Wharton's state-of-the-art vacuum-insulated bulk storage solutions, the Controlled Storage system offers unmatched performance and is a "must-have" for fueling station operators.

"We are excited to introduce a solution that addresses one of the most pressing challenges in the hydrogen industry," said Eric Rottier, Chairman & CEO of Taylor-Wharton. "Our joint solution will revolutionize liquid hydrogen storage and will provide our customers with the most cutting-edge equipment for hydrogen storage and fueling."

"We are thrilled to partner with Taylor-Wharton, and we share their commitment to innovation and market leadership," said Greg Gosnell, CEO of GenH2. "Hydrogen has immense potential, but you can't lose 20%-40% of your product and expect to be cost competitive. We expect our refrigerated liquid hydrogen storage technology to become the new standard for renewable energy systems and advance clean energy on a global scale."

About Air Water America Inc.

Air Water America Inc. is a subsidiary of Air Water Inc., a leading global industrial gas and equipment company based in Osaka, Japan, which was established in 1929. Air Water's operations are based on industrial gas and related applications, and also has expanded its business to a great variety of fields, including chemicals, medical treatment, energy, agriculture, food products and more. In order to achieve further growth, Air Water has been focusing on developing its business globally. For more information, please visit www.awi.co.jp/english/.

About Taylor-Wharton®

Taylor-Wharton traces its roots to 1742 and is a wholly owned subsidiary of Air Water America, Inc. The extensive Taylor-Wharton product range includes cryogenic bulk tanks, micro-bulk tanks, transportable liquid cylinders, LNG (liquefied natural gas) storage and application systems, cryogenic beverage carbonation vessels, trailers, ISO containers, railcars, hydrogen fuel stations, mobile hydrogen rechargers, vacuum insulated pipe, vaporizers, and freezers and dewars for cryopreservation. Visit Taylor-Wharton at www.twcryo.com.

About GenH2

GenH2 is a liquid hydrogen technology provider that offers unique liquefaction equipment along with Zero-Loss storage and transfer solutions for advanced clean energy. The company focuses on producing equipment to speed infrastructure buildout and increase hydrogen availability for everyday use. The GenH2 technology team includes former NASA researchers and developers with decades of experience engineering and building hydrogen solutions. Learn more about GenH2 at www.genh2hydrogen.com.

© All Rights Reserved 2025 GenH2

Media Contacts:

Taylor-Wharton | Air Water America
Jeff Holyoak – media@twcryo.com

GenH2
Melissa Perlman – Melissa@blueivy.co

Melissa Perlman
Bluelvy Communications
+1 561-310-9921

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/789692742>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.