



Hydrogen News Hydrogen News

Duke Energy Florida Unveils Nation's First System Capable of Producing, Storing and Combusting 100% Green Hydrogen

Beyond Aero Completes First H2 Bizjet Wind Tunnel Tests

Beyond Aero completed initial wind tunnel tests of its hydrogen-electric BYA-1 business jet, validating aerodynamic performance as the

Duke Energy Florida unveiled the nation's first system to produce, store, and combust 100% green hydrogen. The DeBary project uses solar-powered electrolysis and upgraded turbines to improve grid flexibility and support more renewable energy.

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West Virginia Senator Provides Update on Hydrogen Hub Project

Shelley Moore explains how West Virginia's ARCH2 Hydrogen Hub remains in development, but slower-than-expected hydrogen demand is delaying progress. She emphasized that extended funding and rising energy needs could help unlock jobs and economic opportunities as the market matures.

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program advances toward preliminary design review. The results support the aircraft's external gaseous hydrogen tank configuration and its path toward entry into service around 2030.

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LAST CALL:

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Learn how hydrogen is powering public transportation; making it more reliable, efficient and cleaner.

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February 19, 2026: Marine-Based Hydrogen Production

Learn how hydrogen technologies are unlocking offshore renewables and hydrogenation to power the next wave of U.S. clean H2 innovation.

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March 19, 2026: Hydrogen Fuels Long-haul Trucking

Learn how hydrogen is emerging as an important clean fuel for long-haul trucking.

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Upcoming Events

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Location: Orange County, CA

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World Hydrogen & Carbon Americas

Date: March 10-12, 2026

Location: Houston, TX

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SHEA offers a unique value proposition as the catalyst for a sustainable future in the Southeast and beyond. By joining SHEA,

you gain exclusive tools to help increase your company's commerce, educational materials to help back your every decision, and access to a thriving community dedicated to transforming the region into an epicenter of clean energy. Your SHEA membership helps secure a brighter, greener tomorrow.

Join Now

The SHEA logo is displayed in white on a dark green rectangular background. The letters 'S', 'H', and 'E' are in a standard sans-serif font. The letter 'A' is stylized, with a green triangle pointing to the right integrated into its right side.

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