



Southeast Hydrogen Energy Alliance



Hydrogen News

Plug Power sets record at its hydrogen plant in Georgia

Sweden's Stegra to supply green steel for Microsoft's data centers

Plug Power's Georgia plant set a U.S. record in August, producing 324 tons of green hydrogen with 92.8% efficiency and 97% uptime. The milestone validates its GenEco electrolyzer technology and strengthens confidence in a growing national hydrogen network.

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World's largest hydrogen fuel cell plant to power 270,000 homes yearly in South Korea

South Korea has broken ground on the 108 MW Gangdong Hydrogen Fuel Cell Power Plant, set to power 270,000 homes annually by 2028. Backed by \$580 million in public and private investment, the project will provide baseload electricity, create jobs, and position Gyeongju as a key energy hub.

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Microsoft signed a two-part deal with Sweden's Stegra to source "near-zero emission" green steel for its data centers. The agreement supports Stegra's hydrogen-fueled plant and signals demand to accelerate global low-carbon steel production.

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[SHEA News](#)

SHEA Webinars

October 14, 2025: Autonomous Hydrogen: By Sea and By Air

Learn of autonomous aeronautic and marine H2 technologies being developed for military and commercial use.

[Register](#)

October 23, 2025: Geologic Hydrogen: A Natural Resource

Learn of the technology that extracts hydrogen from geology and the labs and companies pioneering this H2 production method.

[Register](#)

November 20, 2025: Hydrogen Fuels Essential Infrastructure Back-up Power

Learn how hydrogen is providing back-up power for data centers, first responders and the military.

[Register](#)

Upcoming Events

RE+ CHARGE Hydrogen

Date: November 19-20, 2025

Location: Seattle, WA

Hydrogen Innovation and Technology Conference

Date: October 14-16, 2025

Location: Houston, TX

Email learnmore@seh2.energy for a
SHEA discount to the event!

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Experience POWER

Date: October 29-31, 2025

Location: Denver, CO

**Powering the Next Era of
American Energy**

Date: December 9-10, 2025

Location: Houston, TX

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Showcased Funding Opportunities



**Want to see SHEA's list
of showcased funding
opportunities?
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SHEA Funding Opportunities

Want to join the Southeast Hydrogen Energy Alliance?

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 logo for the Southeast Hydrogen Energy Alliance (SHEA). The word "SHEA" is written in a large, bold, white sans-serif font. A small, green, stylized hydrogen molecule icon (two small circles connected by a line) is positioned to the right of the letter "E".

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