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Featured Article

Southeast Hydrogen Hub



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Evan Renshaw, Palmetto Clean Fuels Intern

Hydrogen is an alternative fuel source that plays a critical role in decarbonizing hard-to-abate sectors such as manufacturing and long-distance heavy-duty transportation. By combining with oxygen in fuel cells and combustion engines, hydrogen produces electricity and heat with water as the only byproduct. One way

to achieve locally accessible hydrogen at a large scale is through the creation of regional clean hydrogen hubs that connect a network of producers and infrastructure.

The Infrastructure Investment and Jobs Act of 2021 made \$8 billion in federal funding available to support the formation of these hydrogen hubs across the United States. This spurred bipartisan cooperation in the Southeast, with Senators Lindsey Graham and Jon Ossoff spearheading support for the Southeast Hydrogen Hub coalition. The coalition, comprising five major utilities in the region among other stakeholders, submitted its full application to the US Department of Energy in April 2023. The goal is to assist decarbonization efforts while driving economic development, reliable energy access, and job opportunities through the deployment of green hydrogen. Decisions on the next round of applications are expected later in 2023, but regardless of the outcome, customers and communities can expect to experience the benefits of hydrogen technology as it becomes more prevalent across the Southeastern US.

Articles

[Columbia-area schools gearing up for Scout Motors as \\$2B plant aims to employ thousands](#)

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[New natural gas bus rolls out at Orange Grove Charter School](#)

Trainings & Webinars

The Southern Alliance for Clean Energy (SACE) and Southeast Sustainability Directors Network (SSDN) are hosting a collaborative of local governments this September in Savannah to build local government capacity to access federal transportation electrification funding. Learn more [here](#).

About Palmetto Clean Fuels

Palmetto Clean Fuels Coalition (PCF) is an initiative of the Office of Regulatory Staff - Energy Office. PCF works to increase the use of alternative fuels and advanced vehicle technologies in South Carolina. PCF strives to help public and private entities, as well as individuals, lower fuel costs, improve air quality, and reduce petroleum consumption. PCF also promotes idle reduction, fuel economy measures, vehicle miles traveled reductions, and bicycle and pedestrian efforts.



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Palmetto Clean Fuels Coalition | 1401 Main Street, Suite 900, Columbia, SC 29201

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