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September 2023

Featured Article

Palmetto Clean Fuels Stakeholder Survey

Evan Renshaw, PCF Intern

The Palmetto Clean Fuels Coalition (PCF) was officially designated a Clean Cities Coalition by the US Department of Energy in 2004. In the years since, PCF is privileged to work alongside hundreds of subject-matter experts, dedicated entrepreneurs, and inspirational leaders. The partnerships developed into a robust stakeholder network with representatives across South Carolina and beyond. Now, PCF has begun development of a strategic plan to ensure the PCF's past success carries into the future. Input from our stakeholders is a vital part of this process, so PCF hopes to gather feedback through a brief 5-minute survey: [Palmetto Clean Fuels 2023 Stakeholder Survey](#).

Events



Electrify the South Collaborative

Sept 14-15, 2023 - Savannah, Georgia

[Register Here](#)

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 inform local governments on how to position communities to be more competitive for federal transportation electrification funding.

Articles

[The Landfill Group Announces Commercial Operation of the First RNG Project in South Carolina](#)

[GM, Other Big Automakers Form EV Charging Joint Venture](#)

[Fisker Becomes Latest Automaker To Embrace NACS And Gain Access To Tesla Superchargers](#)

Training Opportunities



Proterra Electric Bus, Battery, and Safety Trainings

Palmetto Clean Fuels is working with electric bus manufacturer Proterra to plan a series of trainings designed to generate interest and provide a baseline of knowledge regarding electric buses and vehicles for community members, fleet operators, first responders, and others interested in the topic. This series includes several trainings at no cost to attendees:

- **Battery Basics:** [Register Here](#)

- Thursday, September 14th 1PM-2PM
- Free
- Virtual 1-hour presentation
- A general overview of the lithium-ion batteries normally used in electric buses, how they work, and addressing common concerns and misconceptions.

- **Electric Bus Safety Training:** [Register Here](#)

- Wednesday, September 27th 1PM-3PM
- Free
- Virtual 1-hour presentation followed by an optional 1-hour **in-person tour** held at Proterra's Greer Battery Factory. We are still trying to understand the number of in-person attendees expected from Spartanburg communities and first responders, so we are not looking to heavily advertise the hands-on component at this time.
- A slightly more in-depth look at Proterra's buses and associated safety considerations such as high-voltage awareness, steps to take in case of fire, driver's controls and equipment, and emergency exits.

Safe Handling of High Voltage Battery Systems

September 21-22, 2023

Cost: \$599

This seminar will introduce participants to the risks encountered in handling high-voltage battery systems and their component parts. With the understanding of these risks, the seminar will address how to raise risk awareness and methods of dealing with those risks.

[Learn more here.](#)

Introduction to Hybrid and Electric Vehicle Battery Systems

October 10-13, 2023

Cost: \$1,299

This seminar will introduce the concepts of hybrid vehicles and the role of batteries in lowering emissions and improving fuel efficiency.

[Learn more here.](#)



Hybrid and Electric Vehicle Engineering Academy

December 4-8, 2023

Cost: \$2,499

The Hybrid and Electric Vehicle Engineering Academy covers hybrid and electric vehicle engineering concepts, theory, and applications relevant to HEV, PHEV, EREV, and BEV for the passenger car industry. [Learn more here.](#)

Lithium Ion Family Battery Systems

Virtual, On-Demand

Cost: \$345

This five-part series will provide the necessary information on all the Lithium technologies, cell balancing systems, failure modes, diagnostics, and how these battery packs can be repaired instead of replaced. [Learn more here.](#)

Funding

2022-2023 National DERA RFA is Now Open

To reduce diesel emissions and protect public health and air quality, EPA is authorized under the Diesel Emissions Reduction Act (DERA) to offer funding assistance to accelerate the upgrade, retrofit, and turnover of the legacy diesel fleet. The DERA program promotes an array of diesel emissions strategies by working with manufacturers, fleet operators, air quality professionals, environmental and community organizations, and state and local officials to address the varying priorities of different regions and sectors.



All application packages need to be submitted electronically to EPA through Grants.gov no later than Friday, December 1, 2023, at 11:59 p.m. (ET) to be considered for funding. [Click here to learn more.](#)

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.

ENERGY.SC.GOV



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