Plug Power and Charlatte America Provide New York's Albany International Airport with its first FedEx Airport Ground Support Equipment, Powered by Hydrogen Fuel Cells

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Powered by Plug Power ProGen hydrogen engines, these new airport vehicles transport packages from the airport sorting facility to FedEx airplanes leveraging clean and efficient hydrogen fuel cell technology

LATHAM, N.Y., April 22, 2019 (GLOBE NEWSWIRE) -- **Plug Power Inc.** (NASDAQ: PLUG), a leading provider of hydrogen engines and fueling solutions enabling e-mobility, and **Charlatte America**, a member of the **Fayat Group**, the leading manufacturer of battery powered electric airport ground support equipment (GSE) throughout Europe and the United States, have delivered fuel cell-powered electric cargo tuggers for use by FedEx at the Albany International Airport.

The ground support vehicles were built by Charlatte America and operate using Plug Power's zero emission ProGen hydrogen engines. The ProGen powered tuggers are in operation at the Albany International Airport transporting FedEx packages from the sorting facility to delivery airplanes. Performance and reliability data has been collected during cold winter months, where temperatures can drop as low as negative ten degrees Fahrenheit. The Charlatte America electric GSE vehicles require less maintenance than internal combustion-powered equipment and are designed to support the ongoing market trend to electrification of mobility.

The addition of Plug Power's ProGen hydrogen fuel cell technology enables the cargo tuggers to tow up to 40,000 pounds without stopping for up to four hours and only requires three to four minutes for refueling. This zero-emission vehicle also operates with a high energy efficiency of around 45%. The wear and tear on the vehicles is lower, reducing maintenance demands such as oil changes, brakes and starter replacements. As a result, these vehicles reduce operational costs while increasing productivity.

“The shipping and logistics industry is one of the fastest growing today, thanks to the rapid growth of eCommerce and innovations within brick and mortar businesses,” said Andy Marsh, CEO, Plug Power. “Many of those businesses are able to thrive because of the efficiency and stability with which FedEx operates. We’re excited to be at the forefront helping empower FedEx to deliver those packages with an efficient, sustainable, solution.”

“FedEx is committed to minimizing its environmental impact,” said Mitch Jackson, Chief Sustainability Officer, FedEx Corp. “The inclusion of these clean, hydrogen-powered electric vehicles to our airport delivery fleet is one way we’re able to integrate responsible environmental practices in order to increase efficiency and reduce airport waste and emissions in our local communities.”

“As the global leader in the development and sale of battery powered electric GSE, Charlatte understands the rigorous demands that the ramp environment places upon equipment. The Plug Power fuel cell model has proven itself to be another green alternative solution to add to our product offerings for our cargo tractors,” said Rob Lamb, Vice President Sales & Service, Charlatte America.

Plug Power built one of the first hydrogen fueling stations on the East Coast, at its headquarters in Latham, NY. The FedEx vehicles are refueled and serviced at the Plug Power fueling station, which has been used to refuel the first FedEx delivery van since its launch in January. Plug Power also supports more than 25,000 GenDrive fuel cells in the field worldwide.

The Department of Energy’s Fuel Cell Technologies Office within the Office of Energy Efficiency and Renewable Energy supports early stage R&D that enables progress in hydrogen and fuel cell technologies, and has collaborated with Plug Power, FedEx, and Charlatte on this work.

About Plug Power Inc.
The architect of modern hydrogen and fuel cell technology, Plug Power is the innovator that has taken hydrogen and fuel cell technology from concept to commercialization. Plug Power has revolutionized the material handling industry with its full-service GenKey solution, which is designed to increase productivity, lower operating costs and reduce carbon footprints in a reliable, cost-effective way. The Company’s GenKey solution couples together all the necessary elements to power, fuel and serve a customer. With proven hydrogen and fuel cell products, Plug Power replaces lead acid batteries to power electric industrial vehicles, such as the lift trucks customers use in their distribution centers.

Extending its reach into the on-road electric vehicle market, Plug Power’s ProGen platform of modular fuel cell engines empowers OEMs and system integrators to rapidly adopt hydrogen fuel cell technology. ProGen engines are proven today, with thousands in service, supporting some of the most rugged operations in the world. Plug Power is the partner that customers trust to take their businesses into the future. Learn more at

www.plugpower.com.

Safe Harbor Statement

This communication contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995 that involve significant risks and uncertainties about Plug Power Inc. ("PLUG"), including but not limited to statements about PLUG's expectations regarding growth in Europe, revenue, growth with GenKey customers and its project financing platform. You are cautioned that such statements should not be read as a guarantee of future performance or results, and will not necessarily be accurate indications of the times that, or by which, such performance or results will have been achieved. Such statements are subject to risks and uncertainties that could cause actual performance or results to differ materially from those expressed in these statements. In particular, the risks and uncertainties include, among other things, the risk that we continue to incur losses and might never achieve or maintain profitability; the risk that we will need to raise additional capital to fund our operations and such capital may not be available to us; the risk that our lack of extensive experience in manufacturing and marketing products may impact our ability to manufacture and market products on a profitable and large-scale commercial basis; the risk that unit orders will not ship, be installed and/or converted to revenue, in whole or in part; the risk that pending orders may not convert to purchase orders, in whole or in part; the risk that a loss of one or more of our major customers could result in a material adverse effect on our financial condition; the risk that a sale of a significant number of shares of stock could depress the market price of our common stock; the risk that negative publicity related to our business or stock could result in a negative impact on our stock value and profitability; the risk of potential losses related to any product liability claims or contract disputes; the risk of loss related to an inability to maintain an effective system of internal controls or key personnel; the risks related to use of flammable fuels in our products; the cost and timing of developing, marketing and selling our products and our ability to raise the necessary capital to fund such costs; the ability to achieve the forecasted gross margin on the sale of our products; the risk that our actual net cash used for operating expenses may exceed the projected net cash for operating expenses; the cost and availability of fuel and fueling infrastructures for our products; market acceptance of our products, including GenDrive, GenSure and GenKey systems; the volatility of our stock price; our ability to establish and maintain relationships with third parties with respect to product development, manufacturing, distribution and servicing and the supply of key product components; the cost and availability of components and parts for our products; our ability to develop commercially viable products; our ability to reduce product and manufacturing costs; our ability to successfully expand our product lines; our ability to successfully expand internationally; our ability to improve system reliability for our GenDrive, GenSure and GenKey systems; competitive factors, such as price competition and competition from other traditional and alternative energy companies; our ability to protect our intellectual property; the cost of complying with current and future federal, state and international governmental regulations; risks associated with potential future acquisitions; and other risks and uncertainties referenced in our public filings with the Securities and Exchange Commission (the “SEC”). For additional disclosure regarding these and other risks faced by PLUG, see disclosures contained in PLUG's public

filings with the SEC including, the "Risk Factors" section of PLUG's Annual Report on Form 10-K for the year ended December 31, 2018. You should consider these factors in evaluating the forward-looking statements included in this presentation and not place undue reliance on such statements. The forward-looking statements are made as of the date hereof, and PLUG undertakes no obligation to update such statements as a result of new information.

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