



Proterra Selected for U.S. Department of Defense Hydrogen Infrastructure Pilot Project

Center for Transportation & the Environment Secures Proterra's Fuel Cell Hybrid Bus for High Profile Pilot Project

Golden, CO ([PRWEB](#)) July 9, 2009 -- Proterra LLC, the pioneering innovator and manufacturer of zero emission commercial transportation solutions from city transit buses to class 4-8 trucks, today announced its role in a U.S. Department of Defense (DoD) pilot project designed to test an end-to-end clean hydrogen energy cycle. Proterra's bus will be used as part of the pilot to demonstrate the economic, operational and environmental benefits of fuel cell technology in a full sized transit bus. Led by the Center for Transportation and the Environment (CTE), the pilot project will include all elements of a clean hydrogen energy cycle, from local hydrogen generation to bulk hydrogen storage to hydrogen load in the form of fuel-cell powered forklifts and Proterra's fuel cell powered bus.

Proterra's plug-in, battery-electric bus with hydrogen fuel cell range extension will play a key role in the two-year long pilot, and will be used to transport tens of thousands of staff between Ft. Lewis and McChord Air Force Base in Tacoma, Washington. Allowing for significant cost and environmental benefits, Proterra's revolutionary TerraVolt™ Energy Storage technology can be completely charged in under 10 minutes, representing a dramatic improvement in the industry.

The project will include the historic testing of an end-to-end clean hydrogen energy cycle, including:

- A renewable energy supply in the form of recovered waste water treatment plant digester gas,
- Local hydrogen generation via digester gas cleanup and reformation,
- Bulk hydrogen storage, transport, and dispensing; and
- Hydrogen load in the form of 19 fuel cell-powered electric forklifts and Proterra's 35' shuttle bus.

Proterra joins highly respected leaders in emerging clean technology for the Ft. Lewis pilot, including Gas Technology Institute, Plug Power, and Air Products and Chemicals. The project is the third in a series of Defense Logistics Agency pilots designed to provide the Department of Defense with the technical and business case data it needs to support its plans for hydrogen infrastructure, enabling the achievement of its Energy Policy Act (EPACT 2005) objectives.

"We are honored to be involved in the Department of Defense pilot at Ft. Lewis, particularly as it will study all elements of a clean hydrogen energy cycle from energy supply and generation to storage, to its ultimate use to power zero emissions transit," said Jeff Granato, CEO, Proterra. "The lessons learned from this project will not only help the DoD meet its long term environmental and economic demands, it will also provide much needed insights to federal and state governments looking for long-lasting clean energy solutions."

For more information on the project, please visit: <http://www.cte.tv/>

About CTE

The Center for Transportation and the Environment (CTE) is a nonprofit, 501 (c)(3) organization that develops technologies and implements solutions to achieve energy and environmental sustainability. Since its founding in 1993, CTE has managed a portfolio of over \$110 million in federal, state, and local cost-shared research,



development, and demonstration projects involving more than 450 organizations in the advanced transportation technology field. CTE has facilitated and leveraged funding for its projects and initiatives from the U.S. Departments of Defense, Energy, Interior, and Transportation, as well as from the U.S. Army and NASA, among many others. CTE is also nationally recognized for its expertise in the measurement and evaluation of transportation demand management (TDM) programs and manages the Southern Hydrogen & Fuel Cell Coalition (SHFCC) in partnership with the Federal Transit Administration.

About Proterra LLC

Answering the international call for efficient, cost-effective and environmentally responsible transit solutions, Colorado based Proterra has been designing and manufacturing the worlds most efficient zero emission commercial vehicle technologies since 2004. With battery-electric and hybrid buses that are built from the ground-up in Colorado, Proterra has patented clean transit technology solutions for city transit buses through class 4-8 trucks. To learn more about Proterra, please visit: <http://www.proterraonline.com>.

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Contact Information

Sarahjane Sacchetti

Proterra

<http://www.proterraonline.com>

415-254-6100

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