

# News Release

## New Mexico National Guard

---

OFFICE OF PUBLIC AFFAIRS  
47 Bataan Blvd  
Santa Fe, NM 87508

LTC Kenneth Nava, Office: 505-474-1258  
NM Cell: 505-417-1751  
FAX: 505-474-1289

---

FOR IMMEDIATE RELEASE

2/19/2008

### **New Mexico National Guard Begins Largest Hydrogen Fuel Cell Demonstration in the National Guard** *Zero-Emission Fuel Cells Ensure the State's Readiness in Times of Emergency*

Santa Fe—Today the New Mexico National Guard, the U.S. Army Tank Automotive Research, Development and Engineering Center, National Automotive Center (NAC) and Plug Power Inc. (NASDAQ: PLUG) held a press conference to announce the largest installation and demonstration of emergency backup power hydrogen fuel cells in the National Guard. Twenty GenCore<sup>®</sup> hydrogen fuel cells from Plug Power were installed at five N.M. National Guard facilities in Santa Fe and Rio Rancho to provide backup power in times of emergency to its statewide mission critical communications and computer systems.

This fuel cell installation and demonstration was made possible by Senator Pete Domenici's support of a \$1.1 million appropriation in the FY07 Defense Appropriations bill and the support and commitment to clean energy by the New Mexico National Guard and State of New Mexico.

"When General Montoya wrote to me about the Guard's energy needs I saw an opportunity for the Guard to benefit from being part of a unique project. I was glad to support the Guard and allow them to be part of a demonstration project that I'm told will help ensure our Guard is better equipped for emergencies so it can serve New Mexico and the Nation," Domenici said.

The U.S. Army Construction Engineering Research Laboratory, as partners to the NAC, will monitor the demonstration. Sacred Power, an Albuquerque based, Native American-owned company, will provide on-site service support and maintenance to the project. This public-private partnership represents the application of best value and leverages the expertise and commitment necessary to accelerate the deployment of clean energy technologies throughout New Mexico and the Nation.

"The New Mexico National Guard plays a key role in homeland security by protecting the U.S. border. Knowing that our operations have reliable backup power during an emergency

situation allows us to focus on our soldiers and their mission. Simultaneously, we are able to provide another level of protection to the state in response to a natural disaster or terrorist attempt,” said Kenny C. Montoya, Adjutant General of the New Mexico National Guard.

The U.S. Army, NAC works to accelerate the commercialization of emerging technologies so both military and industry requirements are optimized in their demonstration and deployment. “We are committed to the real-world deployment of clean energy technologies and are pleased to be working with the New Mexico National Guard, whose commitment to the deployment of advanced energy technology solutions makes them a key partner in our mission. The use of Plug Power’s hydrogen fuel cells for emergency backup power is important in achieving energy security through energy diversity,” stated Paul Skalny, Director of the NAC.

The 5kW GenCore hydrogen fuel cell solution reduces operating costs through a low-maintenance, zero emission, immediate response to power interruptions. “The New Mexico National Guard demonstration is yet another example of the value that fuel cells can bring to mission critical operations where downtime is not an option,” said Ms. Erin Lane, Plug Power’s Director of Federal Government Relations. “This installation proves the viability and reliability of fuel cell systems in the \$5.1 billion Uninterruptible Power Supply (UPS) market.”

###