

First Element Energy Product Demonstration Program

We can easily demonstrate our Hydrogen and Methanol fuel cell products in two ways, a factory visit or transportable to your lab or actual load site for field trial qualification.

1. A factory visit to our test lab located in the southwest part of the Kansas City metro area in Lenexa, KS. It is a short 35 mile drive from the MCI International Airport.

Here we can demonstrate operation, the remote command, data collection and maintenance features. Running in standalone mode or integrated into our wireless cellular gear with AC rectifier and UPS telecom battery banks. All radio transmissions from the wireless gear are diverted into a shielded load.



2. Multiple, successful field trials have been completed at live, revenue generating sites as the equipment is transportable to your facility on our specially designed field trailer. The trailer is fully equipped to showcase the entire spectrum of operations just as if you were to visit the factory. But you have the added benefit of applying the system to your actual site for either backup or base load applications.

The mobile platform showcases a typical 3-15 kW Hydrogen system, or a 3-5 kW Methanol system, with standard fuel storage. However the trailer also has the capability of extended operations, of up to two (2) days, due to "below deck" fuel storage. The entire system also has single point refueling for both hydrogen and methanol as needed.

The fuel cell has full wireless communications and can be operated either onsite or from your operations center. A fully capable load bank is installed as well if you do not wish to connect to a revenue generating load thus a full demonstration is still available. The trailer is black-start capable and also has UPS ride through batteries.

Custom configurations are available upon request for field trial qualifications and product approvals.



Please Contact us at:

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Or visit our website at:

www.FirstElementEnergy.com

