

WHY ATREX?

Atrex Energy provides cost-effective, commercial power solutions for remote applications in a wide variety of environments

- Sustainable competitive advantage:
 - Unique closed-end tubular cell
 - Vertically integrated production
 - Design for manufacture capability
- 6 years of commercial sales with field proven experience
- Academic partners and access to state of the art research facilities
- Value proposition: Clean, Reliable, and Smart power generation with low TCO

TECHNOLOGY FEATURES

- Continuous, Reliable unattended operation.
- Industry leading fuel efficiency
- Fuel flexibility
- Remote monitoring and control
- Green Technology – low emissions



ADVANCED R&D PROJECTS

Atrex commercial products are designed to use natural gas and propane. With catalyst advances the units have now been demonstrated to run on diesel, biodiesel, and military logistics fuel (JP-8 and F-24).

Supported by a number of DOD and DOE R&D contracts, these innovations are being advanced to commercial products, and high TRL prototypes for military.

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ATREX ENERGY

POWERFUL POSSIBILITIES





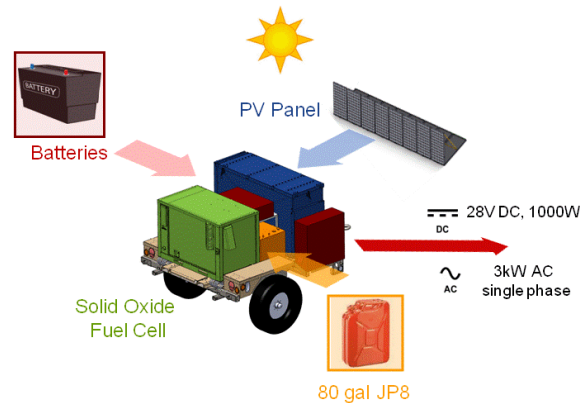
Atrex Energy is a leading commercial manufacturer of power solutions based on fuel cell technology. Founded in 1994, Acumentrics created the fuel cell R&D division in 1999 to design a unique fuel cell unlike any others at the time. With the growing market success of the remote power products, in 2016 **Atrex Energy** was formed as an independent, stand-alone company.

Atrex Energy now has **over 400 remote fuel cell generators** with >4.5 million hours of operation in harsh environments and diverse applications throughout North America

Our Mission

Our goal is to bring to market, reliable and clean advanced power products that meet customer needs for remote and unattended power over years of service life in exposed environments. We continue to expand the SOFC portfolio with innovations for all fuels, including JP8, for a cleaner, safer and sustainable future.

- Atrex Energy holds **18 patents** for its unique tubular solid oxide fuel cell (SOFC) design.
- The Atrex Energy facility in Walpole, MA has over **30,000 sqft** and houses a fully integrated six sigma manufacturing, “powder to power” facility.
- Atrex Energy recently received the **first-ever certification** from the Canadian Standards Association under its new FC-1 Standard for our natural gas and LPG fuel cell products
- Atrex Energy has completed world first demonstrations of a packaged fuel cell generator working on **high sulfur JP8**



Products for the US Military Forces

No organization considers fuel to be more precious than the military. Although essential for mission success the high cost of transporting fuel to forward positions and the increasing risks to personnel makes fuel an especially expensive commodity for the US military.

Developing a TRL 9 JP8 SOFC generator that is twice as efficient, quiet, and more reliable than the current combustion gen-sets is a strategic goal for Atrex Energy.



Commercial Market/Customers

- Oil & Gas
- Mining and Construction
- Off-grid Telecom and Radio
- Railroads
- Environmental Monitoring

Contract Vehicles

