

## **The Marketplace Matters Issue 21:**

### **Printer Friendly Version**

The printer friendly version of the Marketplace Matters is grouped by Industry sector. In this issue you will find opportunities in the following sectors:

- Stationary Power Applications
- Balance of Plant, Components, Materials and Sub Assemblies
- Infrastructure & Hydrogen Supply
- Education and Outreach
- Transportation Applications
- Consumer Applications
- Testing
- Recruitment
- Military Applications

### **Stationary Power Applications**

#### **AFC Energy: Chlorate Industry - An Opportunity for On Site Generation of Power from Waste Hydrogen without Combustion**

AFC are looking for partners in the Chlorate Industry to test and demonstrate our alkaline fuel cell technology. AFC Energy has developed a 3.5 kW system at a cost of below £2,000 (based upon a production rate of 1,000 kW per annum). Due to the modular design of the AFC Energy solution a system can be designed to match any waste gas stream. The modular design also enables the possibility of generating power at separate sights around the plant irrespective of how large or small the gas stream may be, thus reducing the impact of power generating technologies on the industrial site layout, and reducing the need to distribute the hydrogen to a central point for use, reducing flaring and increasing the potential beneficial use of onsite waste hydrogen.

[http://www.fuelcellmarkets.com/afc\\_energy/forming\\_relationships/3,1,13903,18,26846.html](http://www.fuelcellmarkets.com/afc_energy/forming_relationships/3,1,13903,18,26846.html)

#### **IdaTech: Methanol Fuelled Portable Battery Charger for Highway Maintenance Power – Traffic Lights, Lighting & Variable Message Signs**

IdaTech has a range of solutions that can assist with providing low carbon, reliable, quiet and safe power for a number of applications in highway maintenance as an alternative to diesel generators and solar panels. Our iGEN iGen™ battery charger can be used to extend the runtime of existing battery packs in traffic lights and variable message signs where runtimes of over 100hrs are needed. Currently we are seeking a strong channel partner that can assist with taking our product to market.

[http://www.fuelcellmarkets.com/idatech/forming\\_relationships/3,1,599,18,26834.html](http://www.fuelcellmarkets.com/idatech/forming_relationships/3,1,599,18,26834.html)

#### **Dantherm Power: Northern European Fuel Cell Micro Combined Heat and Power (CHP) Demonstration Projects**

Fuel cells offer consumers the power to generate heat and electricity in their home, reducing their carbon footprint. Dantherm Power is developing 1kW domestic heat and power units the size of a small refrigerator that can either run directly from hydrogen or be connected to existing natural gas supplies. Dantherm Power is looking for demonstration partners with routes to market in Northern Europe.

[http://www.fuelcellmarkets.com/forming\\_relationships/3,1,11472,18,15099.html](http://www.fuelcellmarkets.com/forming_relationships/3,1,11472,18,15099.html)

### **P21: Looking for Distribution, Marketing and Service Partners in the USA, South America and South East Asia who are Active in the Backup Power Sector**

We are looking to partner with suppliers to the telecom industry in the USA, South America and South East Asia, who are interested in adding our fuel cell products to their product catalogues. The Premion T fuel cell system from P21 is optimised for the telecommunication network requirements. All key parameters have been engineered to be used in telecom installations.

[http://www.fuelcellmarkets.com/p21/forming\\_relationships/3,1,672,18,26848.html](http://www.fuelcellmarkets.com/p21/forming_relationships/3,1,672,18,26848.html)

### **Plug Power: Case Study Federal Aviation Administration (FAA)**

MEETING DEMAND: While avoiding the drawbacks of traditional power technologies, the GenCore installation provides clean, reliable, cost-effective backup power for FAA's Remote Communications Air/Ground (RCAG) facility equipment, which controls critical radio transmissions between aircraft and air traffic controllers.

[http://www.fuelcellmarkets.com/plug\\_power/article\\_virtual.aspx?articleid=14807&pageurl=www.fuelcellmarkets.com/content/images/articles/FAA\\_Sandersville\\_Case\\_Study.pdf&subsite=656&language=1](http://www.fuelcellmarkets.com/plug_power/article_virtual.aspx?articleid=14807&pageurl=www.fuelcellmarkets.com/content/images/articles/FAA_Sandersville_Case_Study.pdf&subsite=656&language=1)

### **UTC Power: Case Study Creating Clean Power with Free Fuel from – Anaerobic Digester Gas with the PureCell™ 200 Fuel Cell Power Plant**

In 1997, NYPA was the first North American organization to successfully install and operate a fuel cell that runs on free fuel - anaerobic digester gas (ADG). The first PureCell™ 200 power solution was sited at the Westchester County wastewater treatment facility in Yonkers where it generates 200 kilowatts of electricity and up to 900,000 Btu/hr of usable heat. Today, NYPA has a total of nine ADG fuel cells from UTC Power at five locations.

[http://www.fuelcellmarkets.com/united\\_technologies\\_utc/news\\_and\\_information/3,1,420,1,10775.html](http://www.fuelcellmarkets.com/united_technologies_utc/news_and_information/3,1,420,1,10775.html)

## **Balance of Plant, Components, Materials and Sub Assemblies**

### **Non Precious Metal Catalyst for Alkaline Membrane Fuel Cells, Ammonia Electrolysers and Hydrogen Generation**

Acta's catalyst range for alkaline membrane fuel cells allows fuel cell developers to stop using expensive platinum so that fuel cells can be made commercially viable for mass adoption, particularly in automotive and portable electronics applications. Acta's catalysts for ammonia decomposition into hydrogen offer the fuel cell industry access to a practical hydrogen carrier for the first time. In new areas of research and development for hydrogen generation Acta is actively developing catalysts for low cost alkaline membrane water electrolysers, for the reforming of bio-fuels such as ethanol and glycerol and for ammonia cracking.

[http://www.fuelcellmarkets.com/acta/forming\\_relationships/3,1,9763,18,26825.html](http://www.fuelcellmarkets.com/acta/forming_relationships/3,1,9763,18,26825.html)

### **Star Micronics: Partnership Opportunity for Micro Fuel Cell Developers: What are You Looking For?**

Star Micronics is looking to form development partnerships with micro fuel cell companies for their own unique pump requirements. Star Micronics has been established for over half a century and is well known as a top global manufacturer of electronic sounders in cellular phones, cars etc. Star Micronics brings with it experience and additional resource.

[http://www.fuelcellmarkets.com/star\\_micronics/forming\\_relationships/3,1,8123,18,12770.html](http://www.fuelcellmarkets.com/star_micronics/forming_relationships/3,1,8123,18,12770.html)

### **Advent Technologies: High Temperature Membrane and Membrane Electrode Assemblies for Proton Exchange Membrane Fuel Cells**

The operation of polymer electrolyte (PEM) fuel cells at temperatures above 150°C offers very significant advantages. Among others, the tolerance of the catalyst is increased allowing the use of reformed hydrogen with high CO content, the kinetics of both electrodes is enhanced and the thermal management is easier

comparing to conventional PEM fuel cells. One of the main activities of ADVENT TECHNOLOGIES S.A, is focused on the systematic development and production of polymer membranes and MEAs for high temperature PEM fuel cells.

[http://www.fuelcellmarkets.com/forming\\_relationships/3,1,15017,18,15061.html](http://www.fuelcellmarkets.com/forming_relationships/3,1,15017,18,15061.html)

#### **Westwind Air Bearings: Efficient Air Bearings for Blowers, Compressors and Other Fuel Cell Balance of Plant**

Fuel cell developers are always looking for ways to optimise their systems. Air bearings have the potential to optimise balance of plant through increased efficiency, system size reduction, improved reliability and a number of other areas. Westwind Air Bearings are the world's largest specialist air bearing designer and manufacture with experience in PCB drilling and other precision manufacturing industries.

[http://www.fuelcellmarkets.com/forming\\_relationships/3,1,14825,18,15096.html](http://www.fuelcellmarkets.com/forming_relationships/3,1,14825,18,15096.html)

#### **Ilika: Looking to Partner with Fuel Cell Catalyst Developers**

Ilika is a science-led materials discovery company that uses high throughput techniques to significantly accelerate the discovery of new and patentable materials. Ilika provides R&D collaborations as well as technology development and materials licensing services. Ilika's technology is based upon the work of world-class scientists in the field of combinatorial chemistry and Ilika's customers have enjoyed significant increases in the productivity of their materials research programmes, typically by a factor of 10-100.

[http://www.fuelcellmarkets.com/liika/forming\\_relationships/3,1,11223,18,13606.html](http://www.fuelcellmarkets.com/liika/forming_relationships/3,1,11223,18,13606.html)

#### **Cabot Fuel Cells: Corrosion Resistant Carbon Supports for Fuel Cell Electrocatalysts**

Carbon support durability is considered to be a major barrier for commercialization of automotive fuel cells. For automotive and PEM fuel cell developers, achieving commercial system lifetimes without undue compromise in stack cost, size and performance is absolutely essential. Achieving breakthrough success in system durability is harder than ever, yet is the key to accelerating fuel cell commercialization.

[http://www.fuelcellmarkets.com/cabot/news\\_and\\_information/3,1,6270,1,13855.html](http://www.fuelcellmarkets.com/cabot/news_and_information/3,1,6270,1,13855.html)

#### **Ceramic Fuel Cells (ASX: CFU) partners with CeramTec to secure volume supply of fuel cell components**

Ceramic Fuel Cells Limited ("CFCL"), a global leader in fuel cell development, has signed a Co-operation and Supply agreement with CeramTec AG of Germany to secure a high volume supply of fuel cell components. CeramTec is a world leader in producing high-quality industrial ceramic products for a wide range of applications in the automotive, electronic, medical and machine and plant construction industry.

[http://www.fuelcellmarkets.com/ceramic\\_fuel\\_cells/article\\_virtual.aspx?articleid=26812&pageurl=www.fuelcellmarkets.com/content/images/articles/20080205\\_CFCL\\_CeramTec.pdf&subsite=443&language=1](http://www.fuelcellmarkets.com/ceramic_fuel_cells/article_virtual.aspx?articleid=26812&pageurl=www.fuelcellmarkets.com/content/images/articles/20080205_CFCL_CeramTec.pdf&subsite=443&language=1)

#### **DuPont Fuel Cells Fact Sheet**

DuPont is working to create sustainable solutions essential to a better, safer and healthier life for people everywhere, and developing fuel cell technology is consistent with this vision

[http://www.fuelcellmarkets.com/dupont/article\\_virtual.aspx?articleid=26824&pageurl=www.fuelcellmarkets.com/content/images/articles/fact\\_sheet\(1\).pdf&subsite=7329&language=1](http://www.fuelcellmarkets.com/dupont/article_virtual.aspx?articleid=26824&pageurl=www.fuelcellmarkets.com/content/images/articles/fact_sheet(1).pdf&subsite=7329&language=1)

## **Infrastructure & Hydrogen Supply**

### **Opportunity to Supply a Hydrogen Fuelling Station to the H2seed Project**

Comhairle nan Eilean Siar (the Western Isles Council) has a vision to establish a hydrogen economy within the Outer Hebrides. The Hebridean Hydrogen Seed (H2seed) Project, the second phase of the Hebridean Hydrogen Park, will establish a renewable hydrogen production, storage and distribution facility on the island by summer 2008. The Comhairle wishes to procure a hydrogen fuelling station to store and dispense hydrogen generated by an electrolyser with an output of 5Nm<sup>3</sup>/h at a pressure of 30bar.

[http://www.fuelcellmarkets.com/energy\\_innovation\\_zone/forming\\_relationships/3,1,14514,18,26827.html](http://www.fuelcellmarkets.com/energy_innovation_zone/forming_relationships/3,1,14514,18,26827.html)  
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### **CPI: Tender for the Supply, Installation and Commissioning of an Electrolyser, Fuel Cell and Hydrogen Storage System**

This specification is for the supply, installation and commissioning of an electrolyser, fuel cell and hydrogen storage system with an appropriate control system. The intention is to use this system as an investigative tool in the conversion of renewable energy sources to hydrogen for subsequent use in a fuel cell. It will also be used to demonstrate the various technologies involved. The system will be sized to around large domestic / small office scale in terms of power output

[http://www.fuelcellmarkets.com/cpi/article\\_virtual.aspx?articleid=26776&pageurl=www.fuelcellmarkets.com/content/images/articles/renewable\\_to\\_hydrogen\\_tender\\_17.01.08.pdf&subsite=7855&language=1](http://www.fuelcellmarkets.com/cpi/article_virtual.aspx?articleid=26776&pageurl=www.fuelcellmarkets.com/content/images/articles/renewable_to_hydrogen_tender_17.01.08.pdf&subsite=7855&language=1)

### **The Pure Energy Centre: Renewable Onsite Hydrogen Supply for Fuel Cell Projects**

Fuel cell and hydrogen internal combustion engine projects using hydrogen can deliver considerable carbon emissions savings. Sourcing hydrogen from renewable sources can be difficult, expensive and time consuming. The Pure Energy Centre deliver scalable hydrogen solutions that are delivered and generated onsite (or across multiple sites) to help meet the needs of your project whilst ensuring the hydrogen cost is competitive with more traditional sources.

[http://www.fuelcellmarkets.com/pure/forming\\_relationships/3,1,11952,18,15078.html](http://www.fuelcellmarkets.com/pure/forming_relationships/3,1,11952,18,15078.html)

### **Looking to Become a Methanol Distribution Partner for Fuel Cell Developers**

Hayman Limited specialises in the blending, denaturing, packing and distribution world wide, of a large range of products (including Methanol) to standard or customer specifications. Hayman Ltd has an established worldwide distribution network and is looking to partner with fuel cell companies using methanol as their fuel, to provide them with packaged global methanol supplies. We have the ability to ship to almost anywhere in the world.

[http://www.fuelcellmarkets.com/hayman/forming\\_relationships/3,1,13694,18,13795.html](http://www.fuelcellmarkets.com/hayman/forming_relationships/3,1,13694,18,13795.html)

## **Education and Outreach**

### **The Team Behind Fuel Cell Markets Launch New Initiative - [www.LowCarbonEconomy.com](http://www.LowCarbonEconomy.com)**

The team behind www.FuelCellMarkets.com launch new initiative – [www.LowCarbonEconomy.com](http://www.LowCarbonEconomy.com) - an interactive website created to assist the transition to a global low carbon economy, by connecting people and businesses with relevant low carbon information, products, services, opportunities - and each other.

[http://www.fuelcellmarkets.com/fuel\\_cell\\_markets/news\\_and\\_information/3,1,1,1,26850.html](http://www.fuelcellmarkets.com/fuel_cell_markets/news_and_information/3,1,1,1,26850.html)

### **John Wiley & Sons: Hydrogen For Dummies® Guides!**

Does your organisation supply or use hydrogen in its products or services?

Sponsoring a Hydrogen For Dummies® Guide will provide you with clear, concise and easily accessible literature to help your customers understand hydrogen as a fuel, including:

- Environmental credentials
- Source of hydrogen
- Hydrogen storage
- Hydrogen's exceptional safety record
- Dispelling myths such as the Hindenburg

[http://www.fuelcellmarkets.com/wiley/forming\\_relationships/3,1,431,18,26816.html](http://www.fuelcellmarkets.com/wiley/forming_relationships/3,1,431,18,26816.html)

### **Hydrogen + Fuel Cells: record number of participants**

- 14th Group Exhibit Hydrogen + Fuel Cells in Hall 13 with its 150 exhibitors from 25 countries
- One focal point: Stationary fuel cells

Hannover. Ballard Power Systems, BASF Fuel Cell, Hydrogenics, CFC Solutions, Dana and Hydrogen Technologies are just a few of the exhibitors you will find at the Group Exhibit Hydrogen + Fuel Cells (H<sub>2</sub>/FC) at the HANNOVER MESSE 2008. Around 150 international exhibitors from 25 countries will participate at Europe's largest platform for the H<sub>2</sub>/FC industry. Market leaders, SMEs as well as research institutions will present their products and developments from all sectors of this rapidly-growing industry: hydrogen production, fuel cell components, stationary, portable and mobile fuel cells, fuel cell applications, test systems for fuel cells, reformers, hydrogen transport, storage and infrastructure.

[http://www.fuelcellmarkets.com/fair\\_pr/news\\_and\\_information/3,1,828,1,26828.html](http://www.fuelcellmarkets.com/fair_pr/news_and_information/3,1,828,1,26828.html)

### **SHFCA Activities Update**

In the last few months the association has began to attract significant players in the hydrogen and fuel cell industry. These include, for example, Air Products Plc, BOC Linde, NTDA Energia, Whittaker Engineering, MTU CFC Solutions, Manor Lane Energy Ltd, Orion Innovations, QTEKNOLOGY and Amperor Europe Ltd. Discussions are ongoing with other significant corporate organisations. The association now has 51 registered member organisations and our target is to grow to 100 members in the next 15 months.

[http://www.fuelcellmarkets.com/scottish\\_hydrogen\\_fuel\\_cell\\_association/news\\_and\\_information/3,1,6942,1,26849.html](http://www.fuelcellmarkets.com/scottish_hydrogen_fuel_cell_association/news_and_information/3,1,6942,1,26849.html)

### **FC Expo: Have you made your floor-walking plan?**

Finally, FC EXPO 2008- 4th International Hydrogen and Fuel Cell Expo will be starting in one week time. Is everything set up for your visit to the show?

[http://www.fuelcellmarkets.com/fuel\\_cell\\_expo/news\\_and\\_information/3,1,9958,1,26844.html](http://www.fuelcellmarkets.com/fuel_cell_expo/news_and_information/3,1,9958,1,26844.html)

### **SEC Industrial Battery Company is pleased to Announce the Imminent Launch of their Newly Branded Corporate Website**

SEC Industrial Battery Company has been established for over 30 years as leading manufacturer and supplier of industrial batteries. As part of its continuing drive to stay one step ahead of the game, will be launching a new website with their latest corporate branding at the end of this month. SEC Industrial Battery Company provide safe, reliable power solutions worldwide. SEC's high quality Industrial Batteries and related products, together with SEC's Service record, Engineering, Installation, Testing, and Maintenance expertise makes SEC the best answer for your global battery requirements

[http://www.fuelcellmarkets.com/sec\\_industrial\\_battery\\_company/news\\_and\\_information/3,1,312,1,13155.html](http://www.fuelcellmarkets.com/sec_industrial_battery_company/news_and_information/3,1,312,1,13155.html)

**NedStack present at 4th Int'l Hydrogen & Fuel Cell Expo, Tokyo Big Sight, Japan, 27 – 29 February 2008  
Be welcome to visit us at our booth, number 2-33!**

PEM fuel cell technology can be made use of in virtually all fields where fossil fuel is applied now. NedStack's PEM fuel cell technology offers excellent solutions for stationary, mobile, as well as for automotive applications. At first NedStack is supplier of stacks to system integrators for small and large stationary, mobile and automotive applications. NedStack is interested in meeting system integrators in these fields of application, especially with heavy duty automotive industry, chemical industries producing hydrogen as by-product and system integrators of back-up power solutions.

[http://www.fuelcellmarkets.com/nedstack/news\\_and\\_information/3,1,1710,1,26820.html](http://www.fuelcellmarkets.com/nedstack/news_and_information/3,1,1710,1,26820.html)

**Heliocentris to present at CleanEquity Monaco 2008 conference**

Heliocentris Fuel Cells AG, a leading fuel cell system integrator, has announced that Dr. András Gosztonyi, CFO, will present at the CleanEquity Monaco 2008 conference (20th and 21st February). CleanEquity Monaco 2008 is an international conference dedicated to the fast-growing cleantech sector. The event unites a large selection of up-and-coming environmental technology companies from around the world and offers a platform for meeting high-profile investors, politicians and potential business partners.

[http://www.fuelcellmarkets.com/heliocentris\\_energiesysteme/news\\_and\\_information/3,1,1102,1,26819.html](http://www.fuelcellmarkets.com/heliocentris_energiesysteme/news_and_information/3,1,1102,1,26819.html)

**Fuel Cell Power : : No. 31 : : Winter 2007**

Fuel cells enable individuals, businesses and communities to produce electricity and heat from local renewable sources. The HotModule fuel cell is powered by biogas from waste water. As governments initiate measures to attain energy security and combat climate change, fuel cells will help nations to utilise indigenous fuels and reduce global warming gases.

[http://www.fuelcellmarkets.com/fuel\\_cell\\_power/article\\_virtual.aspx?articleid=26847&pageurl=www.fuelcellmarkets.com/content/images/articles/FCP%20Winter%20180208.pdf&subsite=6250&language=1](http://www.fuelcellmarkets.com/fuel_cell_power/article_virtual.aspx?articleid=26847&pageurl=www.fuelcellmarkets.com/content/images/articles/FCP%20Winter%20180208.pdf&subsite=6250&language=1)

## **Transportation Applications**

**New product breakthroughs!**

Green MotorSport and our partners are building up a range of innovative technologies to enable you to use renewable energy to power your own transport. Green MotorSport is completing testing and evaluation of new batteries and control systems for electric vehicles. We are making progress with the most advanced technologies for our high performance electric racing kart and efficiency upgrades for our new Wisper demonstration vehicle. We are also evaluating the best renewable energy systems from around the world so that you will be able to choose what fuel you want to use.

[http://www.fuelcellmarkets.com/green\\_motorsport/news\\_and\\_information/3,1,388,1,15093.html](http://www.fuelcellmarkets.com/green_motorsport/news_and_information/3,1,388,1,15093.html)

**H2 Logic A/S signs strategic supply agreement with Ballard Power Systems**

H2 Logic A/S has signed a strategic supply agreement with the world's largest fuel cell stack manufacturer, Ballard Power Systems. Under the two-year agreement, Ballard will supply fuel cell stacks for H2 Logic fuel cell hybrid systems for the materials handling market. The agreement also strengthens the existing relationship

between H2 Logic and Ballard, and will accelerate the development and commercialization of fuel cell technology for materials handling vehicles.

[http://www.fuelcellmarkets.com/h2\\_logic/news\\_and\\_information/3,1,6459,1,15239.html](http://www.fuelcellmarkets.com/h2_logic/news_and_information/3,1,6459,1,15239.html)

## **Consumer Applications**

### **MTI Micro Ready for Commercialization Process**

MTI MicroFuel Cells is ready to engage with consumer electronics companies to commercialize the Mobion® power source for handheld consumer electronics applications. The Mobion® power source is designed to increase run time (time until a recharge is needed) two to ten times over the status quo of existing battery technologies. For the first time, wireless and other electronic hand held devices will be "truly wireless", capable of going anywhere, anytime with no need to be tethered to the wall-plug waiting for a recharge.

[http://www.fuelcellmarkets.com/mti\\_micro\\_fuel\\_cells/forming\\_relationships/3,1,1062,18,26835.html](http://www.fuelcellmarkets.com/mti_micro_fuel_cells/forming_relationships/3,1,1062,18,26835.html)

## **Testing**

### **NanoDynamics Energy: Looking for Complete Long Term Solid Oxide Fuel Cell Test Stand**

Headquartered in Buffalo, N.Y., NanoDynamics, Inc. develops and markets products, advanced materials and process technologies that provide clean technology solutions for today's global challenges, with a principal focus on the international energy, environmental, and infrastructure markets. NanoDynamics Energy, Inc. is a subsidiary of NanoDynamics, Inc. We are currently seeking a long term test stand for our fuel cell development.

[http://www.fuelcellmarkets.com/nano\\_dynamics\\_energy/forming\\_relationships/3,1,13868,18,26817.html](http://www.fuelcellmarkets.com/nano_dynamics_energy/forming_relationships/3,1,13868,18,26817.html)

## **Recruitment**

### **Fuel Cell Recruitment: New year – new opportunities!**

Fuel Cell Recruitment continues to work with the best talent in the industry, across Europe and the USA. As innovative companies continue to grow, there is ever increasing demand for skills and experience. If you are thinking of making a move, or are looking for key staff for your team, Fuel Cell Recruitment are well positioned to assist you. Consultation is free!

[http://www.fuelcellmarkets.com/fuel\\_cell\\_recruitment/forming\\_relationships/3,1,10665,18,26840.html](http://www.fuelcellmarkets.com/fuel_cell_recruitment/forming_relationships/3,1,10665,18,26840.html)

## **Military Applications**

### **PROTONEX TO PREVIEW NEW PORTABLE POWER MILITARY PRODUCTS AT TACTICAL POWER SOURCES SUMMIT**

Protonex Technology Corporation (LSE: AIM: PTX and PTXU), a leading provider of advanced fuel cell power systems for portable, remote and mobile applications, today announces that it will preview its new portable power military products—the Pulse™ M250 and the Pulse™ BPM601—at booth #3 at the Tactical Power Sources Summit in Washington, DC, January 28-30, 2008.

[http://www.fuelcellmarkets.com/protonex/article\\_virtual.aspx?articleid=26830&pageurl=www.fuelcellmarkets.com/content/images/articles/1-24-08\\_Tactical-Power\\_FINAL.pdf&subsite=6903&language=1](http://www.fuelcellmarkets.com/protonex/article_virtual.aspx?articleid=26830&pageurl=www.fuelcellmarkets.com/content/images/articles/1-24-08_Tactical-Power_FINAL.pdf&subsite=6903&language=1)