



Clean Energy Forum

Wednesday, April 29 2009 at 5:30 P.M.
Foley Hoag Emerging Enterprise Center

Featured Program Speakers

[Gary Brandt, President & CEO, Stirling Power/HB Marine](#)

[Carl Gustin, Founder/President, Grounded Power](#)

[Nachum Sadan, CEO, Amperion, Inc.](#)



Coalition Sponsor



Dear Nachum,

On Wednesday, April 29 2009, the Hydrogen Coalition is pleased to be sponsoring the next in our series of Clean Energy Forums with presentations by three leading clean energy innovators. The three companies include: Stirling Power/HB Marine - providing integrated clean power systems with fuel cells for marine applications; GroundedPower - providing smart energy monitoring and management solutions; and Amperion - providing utilities communications solutions enabling the smart grid.

We are fortunate to have joining us:

- Gary Brandt, President & CEO, [Stirling Power/HB Marine](#);
- Carl Gustin, Founder/President, [GroundedPower](#); and
- Nachum Sadan, CEO, [Amperion, Inc.](#)

I hope you can join us in Waltham at the [Foley Hoag Emerging Enterprise Center](#) on Wednesday April 29, 2009, beginning at 5:30 PM. Additional details about the event and how to register are provided below. If you would like to register, please email your contact information to Lucy Rohner lrohner@MassH2.org. Hope to see you there!

All the best,

Brad Bradshaw
President
Massachusetts Hydrogen Coalition



Gary Brandt

[Stirling Power/HB Marine](#), doing business as HB Marine, is an energy systems company engaged in the development and marketing of clean power and propulsion systems for marine vessels of every type. Proprietary systems offer odor and pollution-free motoring and auxiliary power, quiet (almost silent) operation, independence from shore resources, and a robust and safe design.

HB Marine's proprietary technology consists of the integration of several "clean energy" technologies in marine applications. All of these components are supplied and supported by major manufacturers and, collectively, enable a system that will purify seawater to better than drinking standards, liberate hydrogen from the water and store it safely onboard, and utilize the hydrogen as a fuel source for auxiliary power and/or propulsion.

Gary Brandt is a seasoned entrepreneur with experience in the underlying technologies including fuel cells, electrolyzers, hydrogen storage, batteries, ultra-capacitors, power conversion, solar, and wind. Bruce McVittie focuses on business development in renewable energy and advanced materials to help companies identify and realize growth opportunities.



Carl Gustin, GroundedPower

GroundedPower's response to concerns about energy security and global warming is a powerful motivational tool available through utilities, energy service companies and government agencies to help residential, small business, institutional and municipal consumers quickly and cost effectively achieve and sustain energy savings. Their wireless energy monitors and controllers leverage the inherent value of the Internet to put real-time, credible and actionable information into the hands of those who use, deliver and regulate the nation's rapidly expanding energy efficiency and demand reduction programs. Its customer facing software and hardware use well-established principles to engage, motivate and empower consumers to achieve persistent and substantial energy savings.

[GroundedPower, Inc.](#), was formed in 2008 to develop a more secure, affordable, reliable, and less polluting energy future through energy efficiency. Under the umbrella of GP Energy Solutions, GP provides wireless, real-time energy monitoring coupled with secure web applications that empower consumers to cut their electricity bills, help improve the environment and improve energy security. The technology also gives utilities more accurate, real-time data about customer usage and demand. The GP team brings together extensive experience in system development, a deep understanding of the interaction of technology and social behavior and a comprehensive knowledge of utility operations, including the design and implementation of demand side management programs.



Nachum Sadan, Amperion

Amperion is a leading provider of advanced Smart Grid communications solutions for electric utilities. Amperion's products use a standard based IP network that is highly available, cyber secure, and interoperable with multiple types of interfaces. Holder of the foundational patents for communications over power lines at megabit per second speeds, Amperion has developed broadband over powerline

(BPL) and wireless solutions for Smart Grid applications over medium voltage (MV) distribution and high voltage (HV) transmission lines.

Amperion's innovative HV BPL technology is used to bridge the fiber gap and connect remote substations to the utility network, enabling protective relaying and digital control, SCADA expansion, smart sensing and early fault detection, and station surveillance. The flexible hybrid MV BPL and wireless network is used for distribution automation, distributed energy resources, smart metering and demand response applications. Amperion supports overhead and underground network configurations.

Incorporated in 2001, Amperion is a privately held company based in Tewksbury, MA (www.amperion.com). *Amperion - Empowering Smart Grid Communications.*

Registration - The Coalition's program, Clean Energy Forum, will take place at the [Foley Hoag Emerging Enterprise Center](#), 1000 Winter Street, North Entrance, Suite 4000, in Waltham, Massachusetts. The doors open at 5:30 PM for registration and refreshments, with presentations beginning at 6:15. The event costs \$15 for members and \$25 for non-members. To register, please send an email to Lucy Rohner lrohner@MassH2.org or call (978) 232-0081.

As always, if you have any questions, please contact Brad Bradshaw at (978) 500-5644 or send him an email at bbradshaw@MassH2.org.