



# MEMBER NEWS

## Hydrogen and Fuel Cell Activities in New York State

*Contributed by E2TAC at CNSE, University of Albany*

Future success in the fuel cell industry requires a working knowledge of current technological challenges and business barriers. The New York Fuel Cell Network (NYFCN) was created to serve as a conduit for information exchange and idea generation, helping leverage industry-leading hydrogen partners (such as the Energy and Environmental Technology Applications Center [E2TAC], General Motors, MTI MicroFuel Cells, Plug Power, Delphi, and the Greater Rochester Enterprise) into a compelling force for innovative change.

The NYFCN has been advancing fuel cell development in NYS by identifying the industry's most critical technological and business impediments to future growth, and redirecting these R&D challenges to various organizations located throughout the state. Within this model, the network has operated as a coalition to guide, recommend and suggest R&D priorities; establish supplier networks across the entire industry value chain; and solicit funding from federal and state sources. The Network has held several meetings and public workshops to identify the opportunities and challenges within the industry; and to communicate these findings with other stakeholders.

These efforts have led to multiple benefits for NYFCN partners. NYFCN members have successfully collaborated with numerous organizations on hydrogen demonstration and deployment projects throughout New York State. NYFCN members also partnered with organizations on a federal level; working alongside Energetics, Inc. and the National Hydrogen Association to develop the New York State Hydrogen Roadmap,

a report which emphasizes the potential leadership role that New York State could assume in the national and global transition to a hydrogen economy. The NYS Hydrogen Roadmap was jointly funded by New York State Energy, Research and Development Authority (NYSERDA), Long Island Power Authority and the New York Power Authority.

As a sub-group of New Energy New York (NENY), the NYFCN also has direct access to the over 40 energy-related organizations that constitute NENY. This consortium is comprised of partners from all facets of the clean energy industry, including business, government, and many of New York State's world-class technological universities such as the University at Albany's College of Nanoscale Science and Engineering, Cornell University, Rochester Institute of Technology, Union



Graduate College, Alfred University, and Clarkson University.

Throughout 2006, NENY and NYFCN continued to coordinate, expand and promote clean energy initiatives across New York State. These various efforts culminated in NENY's inaugural New Energy Symposium; which attracted over 200 top executives from New York's energy industry, and featured a major energy policy address by U.S. Senator Charles Schumer.

The Second Annual New Energy Symposium, will be held in July 30-31, 2007, and is organized in partnership with Energetics, the National Hydrogen Association, and NYSERDA. The event has been expanded to two days, including the addition of a New York Hydrogen Expo on July 30. The Expo will feature hydrogen technology demonstrations, student and public educational programs, and hydrogen-related career information.



*The New York Fuel Cell Network serves as a conduit for information exchange and ideas with several industry partners.*