



Ceramic Technology for Clean Energy

## Press Information

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### **ENrG Inc. Awarded NYSERDA Contract for Development of Components for Clean Power Generation**

*High-Tech Ceramics to Play Integral Role in Initiative to Reduce Power Plant Pollution*

**BUFFALO, NY** – ENrG Inc., a high technology firm specializing in the development and manufacture of ceramic components for clean energy, has been awarded a \$250,000 contract by the New York State Energy and Development Authority (NYSERDA). Under the contract, ENrG Inc. will develop a critical ceramic component for removing carbon dioxide from exhaust gases created by coal-burning power plants. The award is in support of a \$4.7 million Department of Energy contract awarded to Praxair, Inc. to develop a system for removing carbon dioxide emissions at such plants.

Paul D. Tonko, president and CEO of NYSERDA said, "NYSERDA's contract with ENrG Inc. holds great promise for promoting environmentally safe, economical energy production technologies. The capturing of carbon dioxide is a significant challenge to our ability to meet the Regional Greenhouse Gas Initiative (RGGI) and Governor Spitzer's '15 by 15' emissions reduction targets. Having ENrG Inc. and Praxair, two Buffalo-area companies, working together on this effort, is great news for New York's economy and our efforts to attract high-tech, clean energy business and development to the Empire State."

ENrG Inc. plans to incorporate the production process for this new technology into its current membrane fabrication facility, where it will further advance processes and manufacturing techniques, and provide low cost production. Previous NYSERDA and National Institute of Standards and Technology Advanced Technology Program investments at ENrG Inc. established the potential for large stationary system fuel cell products and transportation system markets. This latest effort will leverage and expand ENrG Inc.'s membrane development and manufacturing capabilities.

John A. Olenick, president, ENrG Inc. said, "We're excited about the opportunity to work with Praxair on this leading edge technology and thank NYSERDA for recognizing its potential with funding support. Ultimately, this program will lead to the creation of high technology engineering and manufacturing jobs at ENrG Inc. and in Western New York. ENrG Inc. is excited to be part of the development of a *clean coal corridor*."

Acknowledging the benefit to the local business economy, Representative Louise Slaughter (New York 28<sup>th</sup> Congressional District) commented: "This is a critical investment in Western New York's continuing development as a national hub for alternative fuel research and development. This is an exciting award that will allow two important local firms to continue to grow and create quality, high-paying jobs for our local economy."

"This investment represents another tremendous boost for the Western New York economy," said State Senator Mary Lou Rath (R-C-1, Williamsville). "By working with ENrG Inc. and Praxair, the State is investing in our community and providing a dynamic opportunity for the WNY workforce. This announcement continues the momentum necessary to create clean energy solutions, highlights the importance of successful public/private partnerships, and is an indication of more good news to come."



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## *Press Information*

From NY State Assemblyman Robin Schimminger: "ENrG Inc. and Praxair are showing the way to economic growth and innovation. Through their collaboration, they have earned both the attention and funding from NYSERDA that can help bring forth new technology and a cleaner environment."

### **About ENrG Inc.**

Founded in 2003, ENrG Inc. is a high technology firm that specializes in designing, developing and fabricating critical ceramic components for clean energy systems such as fuel cells, gas separation, and other membrane technologies. Its capabilities include multi-layer ceramic processing, technology transfer, scale-up and manufacturing. ENrG Inc. works with strategic partners and Original Equipment Manufacturers (OEMs) to enable the development and production of high-performance, cost-effective ceramic components for their systems. The company, located in Buffalo, NY, added a Class 10,000 clean room coating facility in Tonawanda, NY in 2006. ENrG Inc. has developed a number of collaborative relationships with key companies in materials, fuel cell and clean energy industries.

Visit [www.enrg-inc.com](http://www.enrg-inc.com) for additional information, or contact John Olenick, President, (716) 390-6740.

### **About NYSERDA**

The New York State Energy Research and Development Authority (NYSERDA) was established by law in 1975 as a public benefits corporation. In 1998, the New York Energy \$mart<sup>sm</sup> program was created to continue energy efficiency, research and development, and environmental protection programs during the State's transition to electric retail competition, and is a key element in the restructuring of New York's electric utility industry. The program offers a wide range of consumer education and assistance programs to bring energy efficiency to homes, businesses, and industry. NYSERDA provides energy-related technical and financial packaging assistance to businesses and institutions to promote energy efficiency and economic development, as well as providing energy research and development programs that promote safe and economical energy production efficiency technologies in New York State. NYSERDA also analyzes the effect of New York's energy, regulatory and environmental policies on the State's business, institutional, and residential energy consumers.

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