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Ztek Corporation Selected to Provide Solid Oxide Fuel Cell for Connecticut Test Site
Project Will Advance Commercialization of Ztek SOFC Technology

WOBURN, MA (March 13, 2002) – Ztek Corporation, a leader in the development of Solid Oxide Fuel Cell (SOFC) technology, today announced that it has been selected as a finalist by the Connecticut Clean Energy Fund to team with The Renewable Resources Group, LLC of Newington, Conn. (RRG), to receive funding for a demonstration of Ztek’s 25kW SOFC system.

Under its proposal, Ztek will manufacture and supply a 25kW integrated SOFC and hydrogen reformer system for the DEP’s facility at Dinosaur State Park in Rocky Hill, Conn. It will also participate in site preparation and be responsible for system installation, commissioning and service. The proposal was one of only nine selected out of 31 submitted for various projects as finalists.

“This is an exciting opportunity instrumental to the growth of the fuel cell industry,” said Michael Hsu, president and founder of Ztek. “This selection reinforces our belief that the Ztek Solid Oxide Fuel Cell is an industry-leader in producing low-cost, clean and efficient energy useful and beneficial to the public. The potential for using waste heat from the fuel cell for the cooling and heating needs of buildings will provide additional economic value and make it very attractive to consumers.”

Overall system efficiency will approach 45 percent, which is superior to existing methods of electric power generation. Superior environmental performance is derived from extremely low levels of SOx and NOx and the potential to capture the carbon dioxide by-product.

Over the course of its energy technology development, Ztek has achieved several technological innovations, including:

- Gas turbine/fuel cell hybrid system
- Cogeneration system that can satisfy both the electrical and cooling/heating demands of buildings
- Compact hydrogen reformer than can efficiently produce hydrogen for transportation uses.

Ztek is currently developing SOFC systems for distributed generation applications with or without the capability to provide heating and air conditioning. Commercial models will be available within the next year.

About Ztek

Ztek Corporation is a privately held corporation located in Woburn, Massachusetts. The company’s mission is to develop and commercialize the world’s cleanest, most efficient fossil fuel energy conversion devices. Founded in 1983 by Dr. Michael Hsu, Ztek has been engaged in the development of Solid Oxide Fuel Cell technology, including hydrogen-reforming technology. It holds more than 150 U.S. and international patents on its various key innovations for achieving improved efficiency, simplified and reduced cost of production.

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