



CONTACT: John P. Graham
Chief Financial Officer
(630) 845-4500

FOR IMMEDIATE RELEASE

Tracy H. Krumme
Vice President, Investor Relations
(203) 425-9830

FUEL TECH ANNOUNCES COMMERCIAL FUEL CHEM[®] ORDER

WARRENVILLE, Ill., July 22, 2009 – Fuel Tech, Inc. (NASDAQ: FTEK), a world leader in advanced engineering solutions for the optimization of combustion systems and emissions control in utility and industrial applications, today announced receipt of a commercial FUEL CHEM[®] order from an existing domestic electric utility customer. The FUEL CHEM program will be conducted on a medium-sized coal-fired boiler, with chemical injection scheduled to commence during the first quarter of 2010.

John F. Norris Jr., President and Chief Executive Officer, commented, “The state-mandated installation of a new, multi-unit, scrubber system to reduce sulfur dioxide (SO₂) emissions provides this client with a powerful economic incentive to switch fuel sources to lower-cost, high-sulfur Eastern coals. Such an initiative is expected to result in slagging issues as well as sulfur trioxide (SO₃) formation and air heater fouling.”

Mr. Norris concluded, “Given our proven success at other facilities, including stations operated by this customer, we are confident that our TIFI[™] Targeted In-Furnace Injection[™] approach will yield significant cost savings by enabling fuel flexibility. We are also pleased to be proceeding straight to commercial contract, without the need for a demonstration, reflecting a trend that we are increasingly experiencing.”

About Fuel Tech

Fuel Tech is a leading technology company engaged in the worldwide development, commercialization and application of state-of-the-art proprietary technologies for air pollution control, process optimization, and advanced engineering services. These technologies enable

--more--

customers to produce both energy and processed materials in a cost-effective and environmentally sustainable manner.

The Company's nitrogen oxide (NO_x) reduction technologies include advanced combustion modification techniques - such as low NO_x burners and overfire air systems - and post-combustion NO_x control approaches, including NO_xOUT[®] and HERT[™] SNCR systems as well as systems that incorporate NO_xOUT CASCADE[®], ULTRA[™], Rich Reagent Injection (RRI) and NO_xOUT-SCR[®] processes. These technologies have established Fuel Tech as a leader in NO_x reduction, with installations on over 550 units worldwide, where coal, fuel oil, natural gas, municipal waste, biomass, and other fuels are utilized.

The Company's FUEL CHEM[®] technology revolves around the unique application of chemicals to improve the efficiency, reliability, fuel flexibility and environmental status of combustion units by controlling slagging, fouling, corrosion, opacity and acid plume, as well as the formation of sulfur trioxide, ammonium bisulfate, particulate matter (PM_{2.5}), carbon dioxide and NO_x. This technology, in the form of a customizable FUEL CHEM program, is being applied to over 85 combustion units burning a wide variety of fuels including coal, heavy oil, biomass, and municipal waste. A breakdown of the nature of these customer units is posted on the Company's website.

Fuel Tech also provides a range of combustion optimization services, including airflow testing, coal flow testing and boiler tuning, as well as services to help optimize selective catalytic reduction system performance, including catalyst management services and ammonia injection grid tuning. In addition, flow corrective devices and physical and computational modeling services are available to optimize flue gas distribution and mixing in both power plant and industrial applications.

Many of Fuel Tech's products and services rely heavily on the Company's exceptional Computational Fluid Dynamics modeling capabilities, which are enhanced by internally developed, high-end visualization software. These capabilities, coupled with the Company's innovative technologies and multi-disciplined team approach, enable Fuel Tech to provide practical solutions to some of our customers' most challenging problems. For more information, visit Fuel Tech's web site at www.ftek.com.

This press release may contain statements of a forward-looking nature regarding future events. These statements are only predictions and actual events may differ materially. Please refer to documents that Fuel Tech files from time to time with the Securities and Exchange Commission for a discussion of certain factors that could cause actual results to differ materially from those contained in the forward-looking statements.

###