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FOR IMMEDIATE RELEASE

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FUEL TECH ANNOUNCES FUEL CHEM[®] DEMONSTRATION

WARRENVILLE, Ill., Sept. 13, 2010 – 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 FUEL CHEM[®] demonstration order from a new domestic electric utility customer. The demonstration will be conducted on a small coal-fired boiler, with chemical injection scheduled to commence during the fourth quarter.

Douglas G. Bailey, Chairman, President and Chief Executive Officer, commented, “In order to meet state sulfur limitations, this unit recently completed a coal switch from higher-sulfur Eastern coals to lower-sulfur Powder River Basin (PRB) coals. The recent conversion to PRB coal caused slagging to occur in the unit but, more importantly, the fuel switch limited this client’s ability to operate at lower boiler loads. Our proprietary TIFI[™] Targeted In-Furnace Injection[™] technology will afford this client fuel flexibility and greater ability to operate across full load ranges. We have received a modeling order for another unit at this utility, and we are hopeful that a successful demonstration will lead to an additional FUEL CHEM order in the future.”

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

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The Company's nitrogen oxide (NOx) reduction technologies include advanced combustion modification techniques - such as Low NOx Burners and Over-Fire Air systems - and post-combustion NOx control approaches, including NOxOUT[®] and HERT[™] SNCR systems as well as systems that incorporate ASCR[™] (Advanced Selective Catalytic Reduction), CASCADE[™], ULTRA[™] and NOxOUT-SCR[®] processes. These technologies have established Fuel Tech as a leader in NOx reduction, with installations on over 580 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 operational issues associated with sulfur trioxide, ammonium bisulfate, particulate matter (PM_{2.5}), carbon dioxide and NOx. This technology, in the form of a customizable FUEL CHEM program, is installed on over 90 combustion units burning a wide variety of fuels including coal, heavy oil, biomass, and municipal waste.

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.